Lead Abatement Oversight, Confirmatory Investigation, and Reporting

1213 South High Street
Bloomington, Indiana 47401



Prepared for:
Fire Chief Jason Moore
Bloomington Fire Department
300 East Fourth Street
Bloomington, Indiana 47408

Prepared by:
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Date:
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Project Number:
21-83

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December 10, 2021

Mr. Jason Moore, Fire Chief
Bloomington Fire Department
300 East Fourth Street
Bloomington, Indiana 47408

RE: **Lead Abatement Oversight, Confirmatory Investigation, and Reporting**
1213 South High Street
Bloomington, Indiana 47401
VET Project No. 21-83

Dear Mr. Moore:

VET Environmental Engineering, LLC (VET) was retained by Fire Chief Jason Moore on behalf of the Bloomington Fire Department (BFD) to provide Lead Abatement Oversight, Confirmatory Investigation, and Reporting in response to impacts created by a controlled burn event at 1213 South High Street, Bloomington, Indiana (Site) conducted by BFD from November 2 through 5, 2021. VET provided lead abatement oversight and confirmatory investigation for lead abatement services provided by Environmental Assurance Company, Inc. (EACI). VET coordinated abatement activities with EACI and conducted confirmatory sampling of exterior surfaces, air, soil, and leaves to verify adequacy of abatement activities at the Site and in the neighborhood west of the Site (Neighborhood).

The following report details EACI and VET's methodologies and discusses analytical results and recommendations. This report documents all work performed at the Site to date. All deliverables, analytical reports, and other pertinent documentation generated are included as attachments to this report. Data tables and exhibits are provided to aide in understanding of work performed to date and are referenced in the body of the narrative.

Respectfully,

Sara R. Hamidovic, MS, PE, CHMM
President/CEO

Lead Abatement Oversight, Confirmatory Investigation, and Reporting

1213 South High Street
Bloomington, Indiana 47401

VET ENVIRONMENTAL ENGINEERING, LLC PROJECT NO. 21-83

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1.0 EXECUTIVE SUMMARY

VET was retained by Fire Chief Jason Moore on behalf of the BFD to provide Lead Abatement Oversight, Confirmatory Investigation, and Reporting in response to impacts created by a controlled burn event at 1213 South High Street, Bloomington, Monroe County, Indiana (Site) conducted by BFD from November 2 through 5, 2021. A controlled burn is an intentional demolition of a structure through use of fire. Fire departments use controlled burns as live training opportunities to ensure firefighters are prepared and qualified for emergency fire response. The Site owners donated existing structures on-Site to the BFD to utilize in a live training session for BFD personnel. It was determined by BFD that a barn on-Site was too close to property lines to utilize safely as a training tool. BFD focused training solely on the residential household on-Site. BFD conducted multiple iterations of intentional burns inside the structure to simulate different response scenarios. The training exercise culminated on November 5, 2021 when the entire structure was set ablaze.

In accordance with Title 326 of the Indiana Administrative Code (IAC) Article 4-1 (326 IAC 4-1), Indiana's Open Burning Law, BFD submitted an application to the Indiana Department of Environmental Management (IDEM) to request a variance from 326 IAC 4-1 for fire training. IDEM approved BFD's request for variance on September 17, 2021. IDEM's approval for the variance is included in **Attachment 1**. IDEM inspected the structure on August 31, 2021 pursuant to the approval and provided a checklist of items to remove prior to the planned exercise. These items included asphalt roofing, vinyl siding, floor coverings, and other materials deemed inappropriate for open burning. Lead-based paint (LBP) was not included on the checklist provided. According to 326 IAC 4-1, the open burning of LBP is not prohibited. BFD removed materials with the potential to contaminate the environment that were specified in the IDEM approval, such as asbestos-containing and mercury-containing materials, and disposed of them in accordance with 329 IAC 10 and 329 IAC 11.

The fire training exercise at the Site occurred from November 2, 2021 to November 5, 2021. Small intentional fires were set within the structure and extinguished as part of the training. The training culminated on November 5, 2021 when the entire structure was set on fire. As the fire burned, ash and other debris, including visible paint chips, were transported to the residential neighborhood west of the burn site (Neighborhood) due to prevailing wind conditions. In response to a complaint of potential contamination from the ash and other debris from the fire, BFD administration immediately contacted IDEM and the Monroe County Emergency Management Office (MCEM) to report the issue. IDEM conducted a visual inspection of the Neighborhood, noting the areas with visible paint chips on a map. Mr. Scott Frosch, IDEM's representative, utilized a portable x-ray fluorescence (XRF) analyzer to confirm the presence of LBP. IDEM determined the boundaries of the potentially affected properties with a walkthrough of the Neighborhood, taking note of visible debris and plotting corresponding GPS points. The City of Bloomington Housing and Neighborhood Development Department (HAND) conducted confirmatory wipe sampling utilizing Pro-Lab brand surface lead test kits to assist in delineating potentially affected properties in the area, results for which are included in **Attachment 2**. BFD created a map of impacted properties and proceeded to initiate a contract to complete abatement on the properties delineated by IDEM and HAND. The map included an immediate zone, secondary zone, and outlying zone. According to the map, 110 properties were impacted by the fire. Nine of these properties were in the immediate zone, 38 properties were in the secondary zone, and the remaining 63 properties were in the outlying zone. Zones were delineated based on visible density of paint chips on surfaces.

EACI was contracted on November 9, 2021, to perform abatement activities. EACI is a United States Environmental Protection Agency (USEPA) certified lead abatement company (#LBP-113361-2).

VET was contracted on November 9, 2021 to provide lead abatement oversight, confirmatory investigations, and reporting. VET's oversight included coordination of abatement activities with EACI, area air sampling during abatement activities, and confirmatory soil sampling following abatement. VET provided two Indiana licensed lead inspectors, Mr. Justin Kohl (#IND001972) and Ms. Rene Lloyd, MS, MPA (#IND001985) to perform contracted services. VET collected 13 area air samples, 33 XRF samples, 56 confirmatory soil samples, and two leaf litter samples during the ten-day abatement period.

During VET's initial visit to the Site on November 9, 2021, VET observed visible paint chips in the Neighborhood ranging in color from white to off-white and ranging in size from less than one eighth of an inch to three inches. VET utilized a Vanta ® x-ray fluorescence (XRF) analyzer to conduct initial screening for LBP on visible paint chips throughout the abatement process. XRF results were later utilized as a tool to determine the presence or absence of LBP on surfaces abated by EACI. VET utilized these results to guide further abatement as needed. Personal and area air monitoring were used to ensure safety was maintained for workers and residents throughout the abatement process. Soil sampling locations were biased toward the investigative areas representing the worst-case scenario. Soil sampling was conducted to ensure deposited LBP chips did not contribute to concentrations of lead in soil exceeding applicable published regulatory screening criteria. During abatement activities, paint chips were intermingled with leaf litter due to considerable leaf fall caused by rain and wind on November 11 and 12, 2021. VET subsequently sampled leaf litter to guide further abatement, handling, and disposal methodologies.

Samples were biased toward the worst-case scenario with regard to human exposure where possible. VET considered the likelihood of soil ingestion primarily by children in outdoor play areas and dermal exposure as in vegetable and flower gardens, possible duration of exposure, and the presence of bare soil when selecting sample locations. Therefore, VET biased samples toward locations such as vegetable gardens, playgrounds, and walking paths where exposure was more likely.

Paint chips deposited in the Neighborhood as a result of the controlled burn were confirmed to be LBP. EACI removed visible paint chips from impacted properties and cleaned horizontal surfaces where lead dust may have accumulated. Abatement activities conducted by EACI were adequate to ensure that, at the time of sampling, no lead was detected in air samples in the vicinity of abatement activities. VET confirmed that, following abatement and at the time of sampling, lead detections in soil did not exceed the applicable regulatory screening criteria. Following abatement by EACI, VET's analysis of frequently touched exterior surfaces did not exhibit levels of lead that constitute LBP. Leaf litter collected in the Neighborhood did not exhibit detections of lead. All lead abatement and confirmatory sampling was conducted in accordance with applicable published guidelines. The analytical testing performed is considered a snapshot of the particular surfaces and materials tested at the time the sampling was performed. It is VET's professional opinion that further investigation of lead contamination at the Site is not warranted.

2.0 LEAD CONTAMINATION BACKGROUND

Lead is a naturally occurring, bluish-gray metallic element. It is reported that the amount of lead in the environment today is over 100 times greater than in prehistoric times. Humans have extracted lead from the Earth's crust for thousands of years and for countless anthropogenic applications increasing the amount of lead in the surficial environment. The increased presence of lead in the environment has increased human exposures to lead through time. The United States uses about 50 percent of the world's lead. Lead has a number of modern commercial and industrial uses to include the production of chemicals, paints, glazes, dyes, insecticides, solder, plumbing, ammunition, explosives, match heads, fishing sinkers, divers' suits and shoes, radioactive shielding, pewter products, and gasoline (Leonard, 2009). Lead was

historically used as an additive in paint to accelerate drying, improve durability, and add moisture resistance. However, use of LBP was outlawed and largely ceased in the United States in 1978 due to its harmful effects. The USEPA and the U.S. Department of Housing and Urban Development (HUD) define LBP as paint exhibiting more than one milligram per square centimeter (mg/cm^2) lead in paint coating an analyzed surface, and lead-containing paint (LCP) as surfaces exhibiting less than 1 mg/cm^2.

In IDEM's 2017 Technical Guidance Document, *Background Lead and Arsenic in Surface Soils*, the background lead concentration surveyed ranged between 12 and 260 milligrams of lead per kilogram of soil (mg/kg), with a median of 32.5 mg/kg (IDEM, 2017). Background concentrations of metals in soils are caused by naturally occurring metals and anthropogenic sources. Historical anthropogenic sources of lead in soils include LBP paints and stains used on older homes before the Consumer Product Safety Commission (CPSC) banned the use of LBP in 1978, residual contamination from leaded gasoline along roadsides, industrial activity, or other historic lead containing household products.

3.0 NEIGHBORHOOD LEAD BACKGROUND

Within the affected Neighborhood delineated by BFD, 98% of the 110 households were constructed before 1978 according to Monroe County Geographic Information System (GIS) records. VET personnel observed several homes in the Neighborhood with exterior paint in deteriorated conditions exhibiting both flaking and peeling and, in some cases, observed paint chips falling to the surrounding ground and other surfaces (**Attachment 3**, **Photos 10** – **11**). Due to the age of the affected households, there is a likelihood of historic LBP or LCP use on the exterior of the homes. The presence of lead in soil in the Neighborhood prior to the controlled burn event cannot be ruled out.

The Association for State and Territorial Health Officials (ASHTO) Indiana Lead Census Tract Risk Map is a resource that rates census tracts based on a tiered risk level for Child Lead Exposure (Meade, 2016). Demographics such as "Black Population" and "Percent of Children Under Age 6 in Poverty", and age of homes such as those "Pre-1940 Built Homes" and "Homes Built 1940-1949" are factored into IDEM's ratings. The levels of risk are Lowest, Low, Moderate, High, and Highest. Examples of Highest Risk include historic neighborhoods in Indianapolis, Fort Wayne, and Evansville where older homes and young children living in impoverished conditions coexist. With 37.7% of homes in the Neighborhood built before 1949, IDEM rates this census tract as a Low Risk of Child Lead exposure. The data indicates that 12.5% of "Children Under Age 6 in Poverty" reside in the Neighborhood which is included in the lowest category for "Percent of Children Under Age 6 in Poverty" in the study. The levels of risk consider the "Percent of Children Under Age 6 in Poverty", "Pre-1940 Built Homes", and "Homes Built 1940-1949". The relatively low percentage of children living in poverty in the Neighborhood suggests that the Neighborhood is considered "Low Risk" and not "Lowest Risk" primarily due to the age of the homes and the likelihood of existing LBP.

There are no known studies or stand-alone analytical data specific to background concentrations of soil lead levels in the Neighborhood. VET's confirmatory sampling approach therefore was intended to assess for the presence or absence of abnormal concentrations of lead in soil on properties that may have been caused by impacts from the controlled burn. Analytical results are compared to both the documented range of background soil lead levels in Indiana (IDEM, 2017) and applicable published regulatory screening criteria.

4.0 REGULATORY FRAMEWORK

Lead is regulated by state and federal agencies to reduce human exposure from LBP in housing, contaminated commercial and industrial sites, and workplace exposures. Due to the atypical and acute nature of the potential lead exposure from the November 2021 controlled burn, VET incorporated a wide range of screening criteria to be as representative and conservative as possible in the investigation on the residential properties in the Neighborhood as requested by BFD.

The USEPA promulgated Hazard Standards and Clearance Levels for Lead in Paint, Dust, and Soil in 40 CFR Part 745 under authority of the Toxic Substances Control Act (TSCA) section 402 (USEPA, 2001). Lead abatement is an activity designed to permanently eliminate LBP hazards in target housing and child occupied facilities. The manner in which LBP chips were deposited from the controlled burn on November 5, 2021 in the Neighborhood was not from a targeted lead abatement activity, such as scraping or removing LBP from the interior or exterior of a structure. Still, the USEPA Hazard Levels provide a regulatory framework for this atypical abatement situation. However, since there were no measurements of lead dust on surfaces or lead in soil prior to the controlled burn event, sampling of these media can only provide confirmation of presence or absence of lead at certain concentrations. No comparison can be made to conditions prior to the controlled burn event as preexisting lead concentrations were not quantified and are unknown.

The Occupational Safety and Health Administration (OSHA) regulates safe work practices to reduce worker exposure to lead in their *Occupational Safety and Health Standards* for lead (OSHA, 2020). EACI personnel donned appropriate PPE including Tyvek suits, booties, respirators, rubber gloves, and eye protection. EACI utilized personal air monitors to ensure workers were not exposed to lead particulates at levels exceeding OSHA standards. VET area air sampling was intended to rule out the possibility of residents' exposure to lead containing particulates in the air resulting from disturbance during abatement activities, and to inform recommendations for resident safety. Analytical results from EACI and VET's air samples are compared to the OSHA Action Level and Permissible Exposure Limit (PEL). An OSHA Action Level is a concentration designated in 29 CFR 1910 for a specific substance, calculated as an eight-hour time weighted average, which when reached initiates required protections for workers. The OSHA PEL is an occupational exposure limit that indicates the maximum exposure, as an eight-hour time weighted average, that a worker can be exposed to a certain substance as indicated in 29 CFR 1910.1025 (OSHA, 2020). These screening criteria are not directly applicable for residents, primarily the elderly and children, as the criteria apply to OSHA regulated workplaces. However, these criteria are the only readily available published guidelines for comparison to analytical results observed in the Neighborhood.

XRF readings collected by VET are compared to the standard definition of LBP as utilized by the USEPA and HUD (2012). There is no USEPA hazard level for exterior surfaces such as those that were cleaned by EACI for the purpose of removing lead dust. The XRF analyzer utilized by VET can detect lead in paint at levels as low as 0.0001 mg/cm^2 with a detection confidence of 99.7%. The XRF analyzer readings are in units of mg/cm^2. The results for various paints can then be classified as LBP or LCP. In context of the Site, the XRF was utilized as a rapid, accurate, non-destructive, inexpensive screening tool to establish relative lead concentrations from location to location. The XRF provided real-time analytical results that guided further abatement activities and additional sampling as warranted.

The IDEM Remediation Closure Guide (RCG) is IDEM's system for describing selected approaches to investigation and risk-based closure of contaminated or potentially contaminated sites as prescribed in Indiana Code (IC) 13-12-3-2 and IC 13-25-5-8.5 (IDEM, 2012). IDEM RCG Screening Levels (SLs) are concentrations of chemicals in soil or groundwater that the IDEM Office of Land Quality

(OLQ) has determined are acceptable under specific conditions. The SLs for each pollutant are developed to be protective of certain processes on or uses of a property, such as Residential Migration to Groundwater (MTG), Direct Contact Commercial/Industrial, Direct Contact Excavation, and Direct Contact Residential scenarios. Analytical results from VET's soil samples are compared to the most stringent USEPA Hazard Levels for bare soils and IDEM's 2021 RCG SLs. The City of Bloomington provides water to the properties in the Neighborhood. Groundwater is therefore not expected to be used nor is the Residential MTG SL applicable to the Neighborhood. VET included the Residential MTG SL solely to provide comparison to the most conservative available SL.

The Resource Conservation and Recovery Act (RCRA) Toxicity Characteristic (TC) Rule applies to hazardous waste management. RCRA requires a Toxicity Characteristic Leaching Procedure (TCLP) analytical test be performed on waste materials to determine whether materials must be handled and disposed as hazardous waste (USEPA, 1980). TCLP analysis was required by the landfill anticipated to accept the collected leaf litter to determine whether it would constitute hazardous waste once aggregated for disposal as part of normal seasonal cleanup in the Neighborhood. The TCLP analysis was conducted for leaf litter to inform handling, containerizing, and disposal methodologies, if required based on analytical results.

4.1 SELECTED SAMPLING APPROACH

VET's selected sampling approach was informed by the map of affected properties provided by BFD and the pathways for lead exposure that pose the greatest risk to residents in the Neighborhood. VET focused investigations on children's play areas, vegetable gardens, footpaths, and flower beds where human exposure to lead in soil would be most likely due to a combination of bare soil and likelihood of human contact. HAND conducted confirmatory wipe sampling utilizing Pro-Lab brand surface lead test kits and did not detect lead dust on any of the locations sampled, as displayed in **Attachment 2**. VET investigated exterior surfaces on porches, children's toys in yards, and seating areas as they would be likely sources of exposure to settled lead dust. Based on the regulatory screening criteria and the observed conditions on the properties where EACI conducted abatement, VET incorporated air, exterior surface, soil, and leaf litter analyses into the confirmatory investigation.

VET provided two Indiana licensed lead inspectors, Mr. Justin Kohl (#IND001972) and Ms. Rene Lloyd, MS, MPA (#IND001985) to conduct oversight and sampling activities. Copies of Mr. Kohl's and Ms. Lloyd's certifications are included as **Attachment 6**. Licensed Lead Inspectors are authorized by the Indiana Department of Health (IDOH) to conduct surface-by-surface investigations to determine the presence of LBP, and to sample for the presence of lead in dust in soil for the purposes of abatement clearance testing.

EACI conducted personal air sampling utilizing pumps for selected abatement workers to monitor worker exposure to lead particulates in the air per OSHA requirements. To gauge the effectiveness of EACI's abatement effort, VET incorporated the regulatory framework outlined in **Section 4.0** of this report into a sampling approach that included air, soil, surface dust, and leaf sampling.

VET conducted area air sampling to determine, at the time of sampling, if lead was present in the air at levels exceeding OSHA standards in the vicinity of abatement activities. VET area air sampling was intended to rule out the possibility of residents' exposure to lead containing particulates in the air resulting from disturbance during abatement activities, and to inform recommendations for resident safety. VET collected air samples in accordance with the requirements for analysis by NIOSH Method 7082. VET collected a total of 13 area air samples throughout the ten-day abatement period.

VET conducted XRF analysis of frequently touched exterior surfaces to determine the loading levels of lead dust. VET biased XRF reading locations away from painted or stained surfaces that could have LBP. VET utilized a portable XRF analyzer to collect readings on exterior surfaces on several properties subsequent to completion of EACI's abatement activities. XRF analysis was utilized due to its speed, accuracy, and non-destructive attributes to determine if lead-based paint (LBP; ≥1 mg/cm^2) or lead-containing paint (LCP; <1 mg/cm^2) was present on surfaces cleaned by EACI. XRF instruments are frequently used to determine the presence or absence of LBP on painted or stained substrates. The XRF can also detect the presence of dust on soft surfaces such as carpets, furniture, and draperies (Bero, 1993). VET utilized the XRF to assess for the presence or absence of lead dust at the XRF's detection level of 0.0001 mg/cm^2. The XRF was used as a screening tool to assess lead area concentrations as loading in units of mg/cm^2. VET collected 33 XRF readings throughout the ten-day abatement period.

VET conducted soil sampling to determine, at the time of sampling, if lead was present at concentrations exceeding USEPA and IDEM criteria in surface soils where humans would have direct contact. VET biased soil samples toward areas of highest observed potential for human lead exposure from surface soil, such as vegetable gardens and children's play areas. If neither of these representative areas were present on a property, VET biased soil samples toward foot paths or bare soil. VET biased soil samples away from the foundations of houses and away from driplines of roofs, to the extent possible, in order to reduce the potential for detection of background lead contamination from historic preexisting LBP contamination. VET collected soil samples from the yards surrounding all homes where permission was granted in the immediate and secondary areas of BFD's map in order to determine the extent of possible lead contamination. Soil sampling was suspended at the secondary area's limit pending receipt of analytical results to determine if further testing was warranted. Visible inspection of the immediate and secondary zones showed a larger concentration of paint chips than that observed in the outlying zone. VET observed paint chips ranging in size from less than one eighth of an inch to three inches in the immediate and secondary zones. In the outlying zone, VET observed sparse distribution of paint chips ranging in size from less than one eighth of an inch to one inch. As such, if analytical results in the immediate and secondary zones did not exceed applicable screening criteria, the outlying zone would not reasonably be expected to exhibit lead concentrations in excess of applicable screening criteria. VET collected a total of 56 grab soil samples, including four duplicate samples, from 47 separate properties in the immediate and secondary zones. VET soil sampling procedures included strict adherence to sampling requirements for metals analysis by USEPA SW-846 Method 6010C.

Due to the considerable leaf fall, VET collected leaf samples for lead concentration and TCLP analyses to inform the City of Bloomington's decisions on leaf disposal in the Neighborhood. VET collected leaf samples in accordance with proper disposal requirements as communicated by Republic Services to facilitate disposal as solid waste. VET collected one leaf sample for analysis by USEPA SW-846 Method 6010C and one leaf sample for TCLP analysis.

The role of Lead Inspectors in the context of the lead abatement, oversight, and reporting services VET was contracted to provide is limited to sampling for the presence of lead in dust and soil. VET conducted area air sampling and a TCLP analysis on leaf litter to rule out the possibility of additional human exposure to levels of lead that exceed applicable screening criteria. VET did not conduct a comprehensive Lead Risk Assessment to determine the existence, nature, severity, and location of all LBP hazards. Abatement and oversight efforts focused on minimizing the potential impact of LBP chips from the controlled burn and assessing for the presence of lead in air, exterior surfaces, soil, and leaves in excess of published regulatory guidelines.

5.0 FIELD METHODOLOGIES

EACI conducted abatement activities from November 9, 2021 to November 19, 2021. EACI and VET conducted abatement and oversight activities only on properties where permission was granted by the property owner. Permission for EACI and VET to conduct abatement and oversight activities on each property was granted by the property owner via an online form submitted to BFD or a wet signature on a BFD-provided form. EACI personnel used HEPA vacuums to collect and remove visible paint chips and wiped down horizontal surfaces with shop towels to remove any dust that may have settled from the fire. EACI personnel wore Tyvek suits, respirators, rubber gloves, and eye protection. EACI utilized the aforementioned abatement methods and appropriate PPE throughout the ten-day abatement period. VET conducted visual inspections and confirmatory sampling of air, exterior surfaces, soil, and leaves to measure the adequacy of EACI's abatement.

Analytical results for air, surface dust, soil, and leaf samples are tabulated in **Tables 1 – 6**, respectively, and are displayed on **Exhibit 4**. Sample identification and corresponding locations are included in the air, soil, and leaf sampling logs in **Attachment 4**. Analytical results of air, soil and leaf sampling are included in **Attachment 5**.

On November 9, 2021, VET and EACI met with Fire Chief Moore in the Neighborhood to conduct a Scope of Work meeting. VET representatives Mr. Justin Kohl and Ms. Rene Lloyd, MS, MPA attended the meeting with Mike Kirkman and Jon Adams of EACI. BFD provided a map with three remediation zones based on determinations made by IDEM and HAND. The map included an immediate zone, secondary zone, and outlying zone. According to the map, approximately 110 properties were impacted by the fire. Nine of these properties were in the immediate zone, 38 properties were in the secondary zone, and the remaining 63 properties were in the outlying zone. EACI commenced abatement activities in the immediate zone on November 9, 2021. The household at 1015 South Covenanter was selected to start abatement services based on visual inspection of the property. VET personnel performed one area air sample (1015C) at the perimeter of abatement activities at 1015 South Covenanter Drive, utilizing a Buck Libra™ (L-4) pump with a 0.8 micrometer (μm) filter cassette.

On November 10, 2021, VET utilized a portable Vanta ® XRF analyzer (S/N 080195) to confirm that a paint chip on the ground surface on East Ruby Lane in the Neighborhood contained LBP (XRF 001). After confirming the presence of LBP through XRF analysis, VET employed the most conservative approach, and determined that further testing of debris from the fire or paint chips in the Neighborhood was unnecessary and proceeded with the assumption that all paint chips on the ground surface constituted LBP. EACI conducted abatement activities at 1015 South Covenanter Drive, 1104 South Covenanter Drive, 1213 South High Street, and 1928 East Ruby Lane targeting paint chips on the ground surface and wiping down horizontal surfaces. VET collected two area air samples at the perimeter of abatement activities at 1104 South Covenanter Drive (A001) and 1015 South Covenanter Drive (A002). VET collected three soil samples from properties within the immediate zone at 1015 South Covenanter Drive (S001), 1104 South Covenanter Drive (S002), and 1212 South High Street (S003).Visitors to the vicinity of abatement activities on November 10, 2021 included Fire Chief Jason Moore at approximately 0900 and a representative from the Monroe County Health Department at approximately 1000.

On November 11, 2021, EACI targeted abatement activities in the immediate and secondary zones, moving west along East Ruby Lane. VET collected three area air samples at the perimeter of abatement activities at 1916 East Ruby Lane (A003), 1918 East Ruby Lane (A004), and 1804 East Ruby Lane (A005). A rain event commencing at approximately 1000 impeded EACI's use of HEPA vacuums until approximately 1520. VET utilized the XRF analyzer on horizontal surfaces at 1928 East Ruby Lane (XRF

002 – XRF 003), 1212 South High Street (XRF 004 – XRF 005), 1015 South Covenanter Drive (XRF 006), 1901 East Ruby Lane (XRF 007) and 1917 East Ruby Lane (XRF 008) to assess for the presence or absence of LBP following completion of EACI abatement. VET walked through the secondary and outlying zones of impacted properties to visually inspect for LBP chips and observed a more sparse distribution of LBP chips in the outlying zone.

On November 12, 2021, EACI targeted abatement activities on properties along East Ruby Lane, South Nancy Street, and East Circle Lane. VET collected two area air samples at the perimeter of abatement activities at 1717 East Circle Drive (A006) and 1601 East Ruby Lane (A007). VET collected soil samples from nine properties in the immediate and secondary zones where EACI abatement was complete. VET collected soil samples from 1212 South High Street (SS-001), 1104 South Covenanter Drive (SS-002), 1015 South Covenanter Drive (SS-003), 1928 East Ruby Lane (SS-004), 1917 East Ruby Lane (SS-005), 1918 East Ruby Lane (SS-006), 1916 East Ruby Lane (SS-007), 1900 East Ruby Lane (SS-008), and 1821 East Ruby Lane (SS-009 and DUP-1). VET utilized the XRF analyzer on horizontal surfaces at 1704 East Ruby Lane (XRF 009 – XRF 012) where EACI abatement was complete. Fire Chief Jason Moore visited the Site at approximately 1200 to discuss the status of the abatement activities.

On November 15, 2021, EACI targeted abatement activities in the immediate and secondary zones on properties along East Marilyn Drive, South Covenanter Drive, and South High Street. VET collected two area air samples at the perimeter of abatement activities at 2001 East Marilyn Drive (A008) and 1904 East Southdowns Drive (A009). VET utilized the XRF analyzer at 2001 East Marilyn Drive (XRF 025 – XRF 028) following abatement completion. VET collected soil samples from 17 properties where EACI abatement was complete. VET collected soil samples from 1901 East Ruby Lane (SS-010), 1100 South Nancy Street (SS-011), 1804 East Ruby Lane (SS-012), 1717 East Ruby Lane (SS-013), 1716 East Ruby Lane (SS-014), 1717 Circle Drive (SS-015), 1712 East Ruby Lane (SS-016), 1708 East Ruby Lane (SS-017), 2017 East Marilyn Drive (SS-018), 2015 East Marilyn Drive (SS-019), 2001 East Marilyn Drive (SS-020), 1925 East Marilyn Drive (SS-021), 1917 East Marilyn Drive (SS-022), 1909 East Marilyn Drive (SS-023), 1901 East Marilyn Drive (SS-024 and DUP-2), 1114 South Nancy Street (SS-025), and 1108 South Nancy Street (SS-026). The City of Bloomington Public Works Department requested by phone that VET collect leaf litter for analysis to determine the proper disposal method for leaves aggregated in the Neighborhood. VET collected a leaf sample (LS-01) for lead analysis within the immediate zone to represent a worst-case scenario of potential lead contamination. Fire Chief Jason Moore visited the Site at approximately 1200 to discuss the initial air sampling results from EACI and VET and to grant permission for abatement activities to commence at the Site.

On November 16, 2021, EACI personnel targeted abatement activities toward properties along East Southdowns Drive and at the Site. VET collected two area air samples at the perimeter of abatement activities at 1904 East Southdowns Drive (A010) and at the Site (A011). VET utilized the XRF analyzer at 1709 Circle Drive (XRF 029 – XRF 033) following abatement completion. VET collected soil samples from 11 properties where EACI abatement was complete. VET collected soil samples from 1005 South Covenanter Drive (SS-027 and DUP-3), 1100 South High Street (SS-028), 1108 South High Street (SS-029), 1006 South Covenanter Drive (SS-030 and SS-031), 1904 East Southdowns Drive (SS-032), 1820 East Southdowns Drive (SS-033), 1814 East Southdowns Drive (SS-034), 1810 East Southdowns Drive (SS-035), 1715 Circle Drive (SS-036), 1709 Circle Drive (SS-037), and 1213 South High Street (SS-038). VET collected a second leaf litter sample (LS-02) to submit for TCLP analysis to determine whether the leaf litter in the Neighborhood would be accepted by Republic Services for disposal.

On November 17, 2021, EACI personnel targeted abatement activities at the Site and on properties in the secondary zone along East Devon Lane, South Longwood Drive, and properties in the outlying area along South Mitchell Street, South Jordan Avenue, and East Southdowns Drive. VET collected one area air sample at the perimeter of abatement activities at the Site (A012). VET collected soil samples from 11 properties where EACI abatement was complete. VET collected soil samples from 1929 East Southdowns Drive (SS-039), 1919 East Southdowns Drive (SS-040), 1821 East Southdowns Drive (SS-041), 1815 East Southdowns Drive (SS-042), 1809 East Southdowns Drive (SS-43), 1805 East Southdowns Drive (SS-044), 1213 South High Street (SS-045), 1109 South Longwood Drive (SS-046 and DUP-4), 1757 East Devon Lane (SS-047), 1200 South Longwood Drive (SS-048), and 1115 South Longwood Drive (SS-049). As of November 17, 2021, soil samples were collected from all remediated properties in the immediate and secondary zones. When EACI began working in the outlying zone, fewer paint chips were visualized relative to the properties in the immediate and secondary zones.

On November 18, 2021, EACI personnel targeted abatement activities on properties in the outlying zone. Visitors to the vicinity of abatement activities on November 18, 2021 included representatives from Indiana University Purdue University Indianapolis (IUPUI) at approximately 1300.

On November 19, 2021, EACI personnel targeted abatement activities on properties in the outlying zone as well as individual properties outside the mapped zones that had reported paint chips on their properties.

A total of 105 properties were evaluated and remediated by EACI during the ten-day abatement period, including the burn Site. There were five properties on the map provided by BFD that did not grant permission for EACI and VET to enter the property. Precipitation events occurred on November 11, 12, 13, 14, 17 and 18, 2021. Precipitation and predominant wind direction data starting on the date of the controlled burn are included in **Attachment 1**. Paint chips were still visible at the Site and throughout the Neighborhood following rain events. Rainfall inhibited abatement activities for EACI and likely washed LBP chips and dust which may have fallen on roofs, gutters, cars, and other outdoor surfaces onto the ground surface. Wind during the abatement activities encouraged considerable leaf fall. The accumulation of leaf litter on the ground surface obscured the LBP chips adding a layer of complexity to abatement activities.

EACI placed all used PPE, disposable equipment, and aggregated LBP chips in bags and deposited them in dedicated containers provided by BFD. The of Bloomington Public Works Department was ultimately tasked with proper disposal of these items.

6.0 SAMPLING METHODS

VET conducted soil and air sampling in accordance with requirements for each analytical method. Air samples were collected in accordance with requirements for Flame Atomic Absorption by the NIOSH Method 7082. NIOSH Method 7082 requires the use of a 0.8 µm filter to collect between 200 L and 1,500 L of ambient air at a flow rate of one to four L/min. VET utilized 0.8 µm filter cassettes and Buck Libra Air Pumps working at two L/min to collect a sufficient volume of air for the samples. Air testing was conducted at the perimeter of EACI's work in the immediate and secondary zones. VET maintained strict COC for each sample from VET's custody to the EMSL Analytical, Inc. (EMSL) laboratory in Indianapolis, Indiana. Blanks were submitted with each sample set for QA/QC purposes. VET collected 13 area air samples during abatement activities. Samples must be shipped within seven weeks of collection and two to ten field blanks must be submitted with each shipment. VET air samples were submitted within two days of sample collection to EMSL Analytical, Inc. (EMSL) in Indianapolis, Indiana. VET maintained strict

COC and prepared accompanying documentation for each sample collected. VET collected air samples in accordance with the sampling requirements for NIOSH Method 7082 analysis and submitted field blanks with the collected samples as prescribed by NIOSH.

VET utilized a portable XRF analyzer to quickly, accurately, and non-destructively measure the area concentration of lead dust on surfaces cleaned by EACI. VET utilized a NIST standard of known concentration and a blank sample during XRF sampling activities to ensure proper analyzer operation and calibration. Once a surface was identified for sampling, the measurement window of the XRF analyzer was applied against the surface and the analyzer was activated for a period of 30 seconds. Sample locations were biased toward unpainted surfaces to prevent interference and high-risk surfaces such as handrails, children's toys or play areas, tables, and benches, as practicable.

Soil samples were collected in accordance with requirements for metals analysis by USEPA SW-846 Method 6010C. VET collected surface soil samples at approximately 0-4 inches below ground surface (bgs). VET collected duplicate samples as a QA/QC measure. Each soil sample was placed into a decontaminated stainless steel bowl and homogenized, then transferred to a four-ounce certified cleaned glass jar. VET collected one leaf sample for analysis by USEPA SW-846 Method 6010C and one leaf sample for TCLP analysis. Leaf litter was collected from the Neighborhood and placed into certified clean glass jars. All leaf and soil samples were placed into iced coolers to maintain appropriate temperature for sample preservation pending analysis. VET maintained strict COC and appropriate documentation for all samples.

Three soil samples were submitted to EMSL, and the remaining soil and leaf samples were submitted to Eurofins Test America Laboratory (Eurofins) in University Park, Illinois. EMSL is a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory. Eurofins is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory. VET's sampling protocol minimizes the potential for cross-contamination between samples through use of dedicated equipment and sample bottles, donning new nitrile gloves between samples, decontamination of reusable sampling equipment between samples, and minimizing disturbance of the soil matrix to ensure that soil samples collected were representative of surface conditions. VET's soil sampling was limited to the immediate and secondary zones.

A unique identifier was assigned, and GPS coordinates were recorded for each air, XRF, soil, and leaf sample location utilizing a Trimble GPS Geo7X. Sample locations and other relevant sample data for soil and air samples were recorded in sampling logs (**Attachment 3**). All sample locations, including air, XRF, soil, and leaf on remediated properties are included in **Exhibit 4**.

7.0 ANALYTICAL RESULTS

Air analytical results are compared to the OSHA Action Level and Permissible Exposure Limit for lead in the air. XRF readings are classified as "passing" or "failing" the USEPA and HUD LBP screening level of 1 mg/cm^2. Soil analytical results are compared to USEPA Hazard Levels, as well as IDEM RCG SLs. The current and expected future use of the Neighborhood is for residential purposes. It is VET's professional opinion that the soil direct contact exposure scenario and a residential context are the most applicable of readily available regulatory screening criteria. A leaf sample was collected for TCLP analysis to determine whether leaf litter in the Neighborhood requires classification and management as hazardous waste to inform decisions for proper disposal.

Investigative results generated to date for air, surface dust, surface soil, and leaf samples collected are detailed in the following sections. Analytical results exhibited no lead contamination in excess of OSHA

standards, USEPA Hazard Levels, IDEM RCG SLs, or the published maximum background concentration for Indiana soils. The leaf litter sample did not exhibit hazardous characteristics as determined by TCLP analysis.

7.1 EACI AIR ANALYTICAL RESULTS

No air samples submitted by EACI exhibited exceedances of applicable OSHA limits for lead particulates in the air. As such, no further investigation of lead contamination in air is warranted at the Site. EACI air analytical results are presented in **Table 1**.

7.2 VET AIR ANALYTICAL RESULTS

VET collected a total of 13 area air samples for lead analysis according to requirements for NIOSH Method 7082 metals analysis. No air samples submitted by VET exhibited detections of lead in the air. As such, no further investigation of lead contamination in the air is warranted at the Site. VET air analytical results are tabulated in **Table 2**.

VET collected sample 1015C on November 9, 2021 in the vicinity of abatement activities at 1015 South Covenanter Drive. Sample 1015C did not exhibit a detection, but the detection limit exceeded the OSHA Action Level of 30 µg/m^3. Sample 1015C was collected during the first evening of abatement activities on November 9, 2021. Abatement activities on this date did not extend long enough for collection of a sufficient volume of air to meet the minimum volume required for NIOSH Method 7082 analysis. The laboratory detection limit therefore exceeded the OSHA Action Level.

Analytical results from samples A001-A012 indicate that lead was not present in the air at detectable levels at the time of sampling. The detection limits for the analysis of samples A001-A012 were all below the OSHA Action Level, the more stringent of the two OSHA screening levels.

VET collected area air samples in the vicinity of abatement activities conducted on properties within the immediate and secondary zones in the Neighborhood. Visual inspection of these properties indicated greater impact with visible paint chips. VET collected area air samples to ensure no lead dust above applicable screening criteria was mobilized into the air during abatement activities to ensure worker and resident safety. Based on analytical results from area air samples collected in the immediate and secondary zones, VET concluded that continued monitoring of lead in the air in the remaining sections of the immediate and secondary zones and air monitoring within the outlying zone was not warranted.

7.3 XRF RESULTS

At the onset of the project, sample XRF 001 was collected from a visible paint chip within the immediate zone on November 10, 2021. Sample XRF 001 exhibited a reading of 2.14 mg/cm^2, and thus "failed" the screening for LBP. This reading was used to inform the decision to treat all visible paint chips as LBP.

VET utilized a portable XRF analyzer to quickly, accurately, and non-destructively measure the area concentration of lead on surfaces cleaned by EACI to verify that abatement activities were adequate. All XRF readings collected from locations cleaned by EACI "passed" the 1 mg/cm^2 screening for LBP. As such, no further investigation of lead dust contamination on frequently touched surfaces is warranted. XRF readings are tabulated in **Table 3**.

Three of the XRF readings (XRF 004, XRF 009, and XRF 025) exhibited concentrations of lead that constitute LCP. These samples were collected from a painted mailbox (XRF 004), a boat tarp (XRF 009), and a painted shelf in a carport (XRF 025). The XRF analyzer penetrates multiple layers of paint to

detect lead. It is VET's professional opinion that the lead detections in these three samples represent lead impregnated in the actual substrates or coatings as opposed to settled lead dust.

During abatement activities on November 16, 2021, EACI and VET personnel observed paint chips that differed in appearance from those resulting from the controlled burn. VET observed degraded paint on the soffit and fascia of the house on the property that appeared to be the source of the observed paint chips. VET took an XRF reading on the exterior of the house (XRF 032) and confirmed that the area of paint on the house that was analyzed contained LBP. EACI proceeded with the removal of the observed paint chips following the conservative approach that all visible paint chips in the Neighborhood were to be collected and removed.

7.4 SOIL ANALYTICAL RESULTS

VET collected a total of 56 soil samples including four duplicate samples. All samples were within the published background range of lead in soils according to IDEM's TGD (IDEM, 2017). All samples were below the most stringent IDEM RCG SL (Residential MTG). As such, no further investigation of lead contamination in soil is warranted. Soil analytical results are tabulated in **Table 4**.

7.5 TCLP ANALYTICAL RESULTS

The TCLP analysis performed on the leaf litter in sample LS-02 exhibited no detection of lead, indicating that leachable lead was not present in detectable quantities. As no leachable lead was detected, the leaf litter collected and aggregated for disposal does not constitute hazardous waste. VET provided the analytical results to Republic Services on December 7, 2021.

8.0 CONCLUSIONS AND RECOMMENDATIONS

Paint chips deposited in the Neighborhood as a result of the controlled burn were confirmed to be LBP. EACI removed visible paint chips from impacted properties and cleaned horizontal surfaces where lead dust may have accumulated. Abatement activities conducted by EACI were adequate to ensure that, at the time of sampling, no lead was detected in air samples in the vicinity of abatement activities. VET confirmed that, following abatement and at the time of sampling, lead detections in soil did not exceed the applicable regulatory screening criteria. Following abatement by EACI, VET's analysis of frequently touched exterior surfaces did not exhibit levels of lead that constitute LBP. Leaf litter collected in the Neighborhood did not exhibit detections of lead. All lead abatement and confirmatory sampling was conducted in accordance with applicable published guidelines. The analytical testing performed is considered a snapshot of the particular surfaces and materials tested at the time the sampling was performed. It is VET's professional opinion that further investigation of lead contamination at the Site is not warranted.

VET appreciates the opportunity to provide this report on behalf of BFD. Please do not hesitate to contact us at (812) 822-0400 with any questions or comments.

Respectfully submitted,



Sara R. Hamidovic, MS, PE, CHMM
President/CEO

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Bero, Bridget N., von Braun, Margrit C., Knowles, Charles R., and Hammel, John E. (1993). *The Use of X-Ray Fluorescence to Detect Lead Contamination of Carpeted Surfaces.* Environmental Monitoring and Assessment 27(1):17-33. DOI:10.1007/BF02401763

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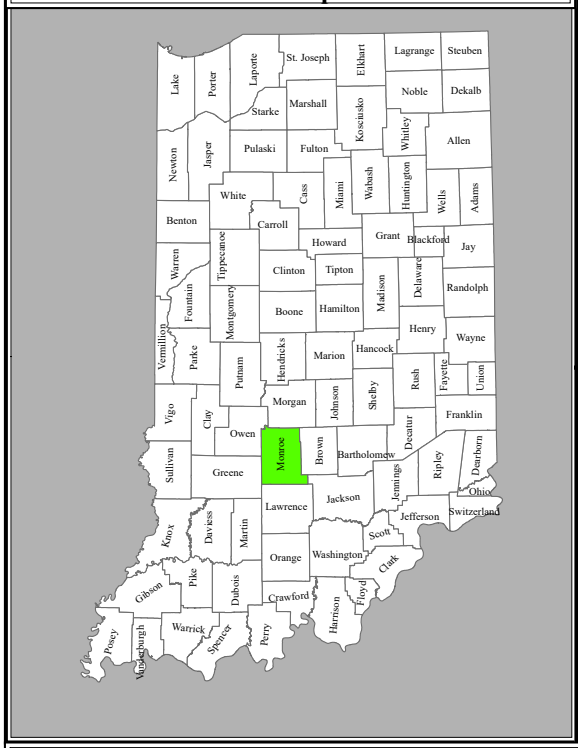
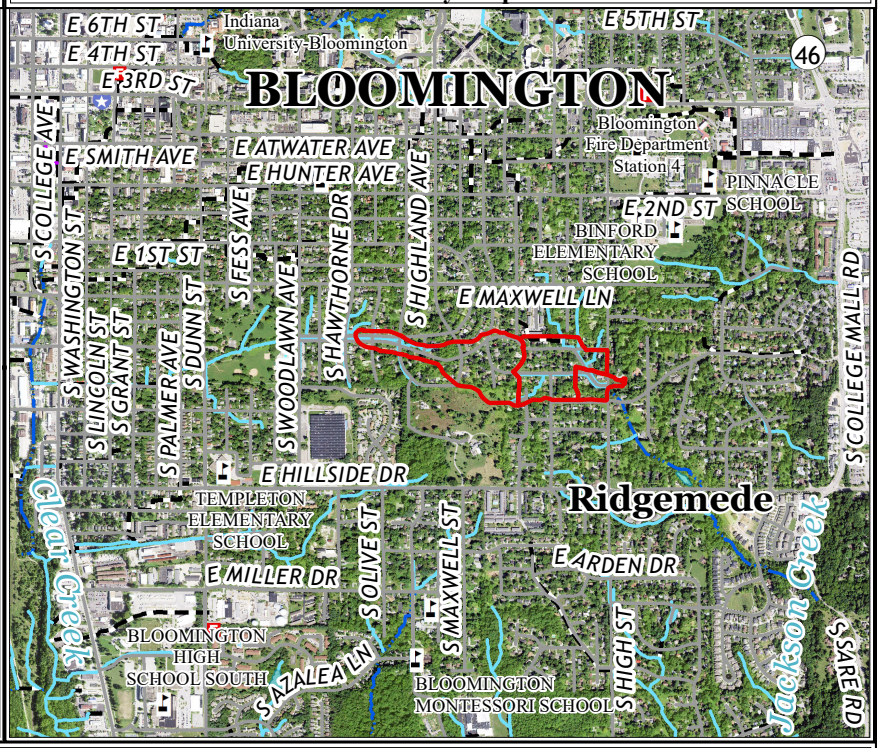
EXHIBITS

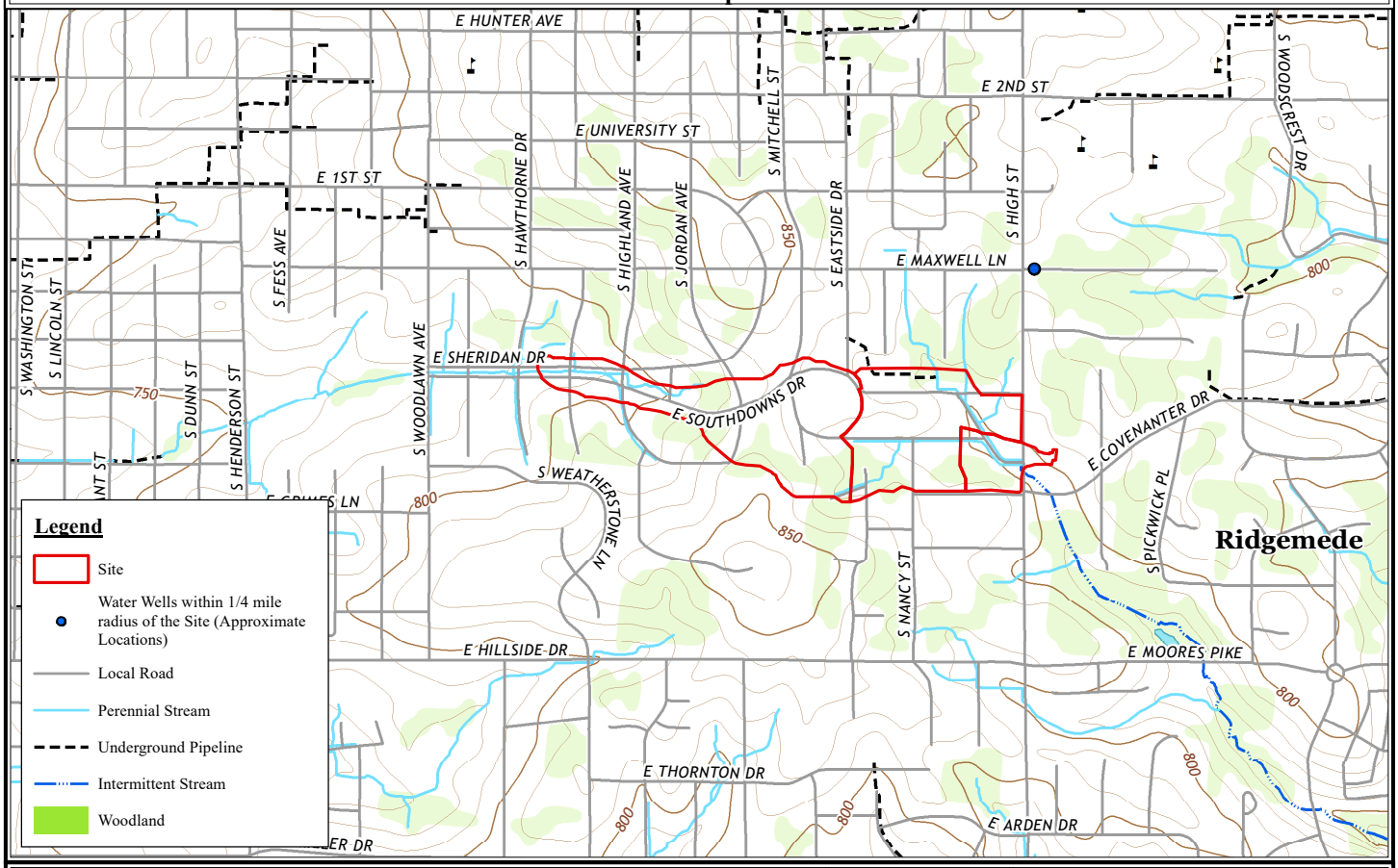
State Map



Vicinity Map



Site Map



VET Environmental Engineering, LLC

2335 W. Fountain Drive
Bloomington, IN 47404
Phone: (812) 822-0400
www.vet-env.com

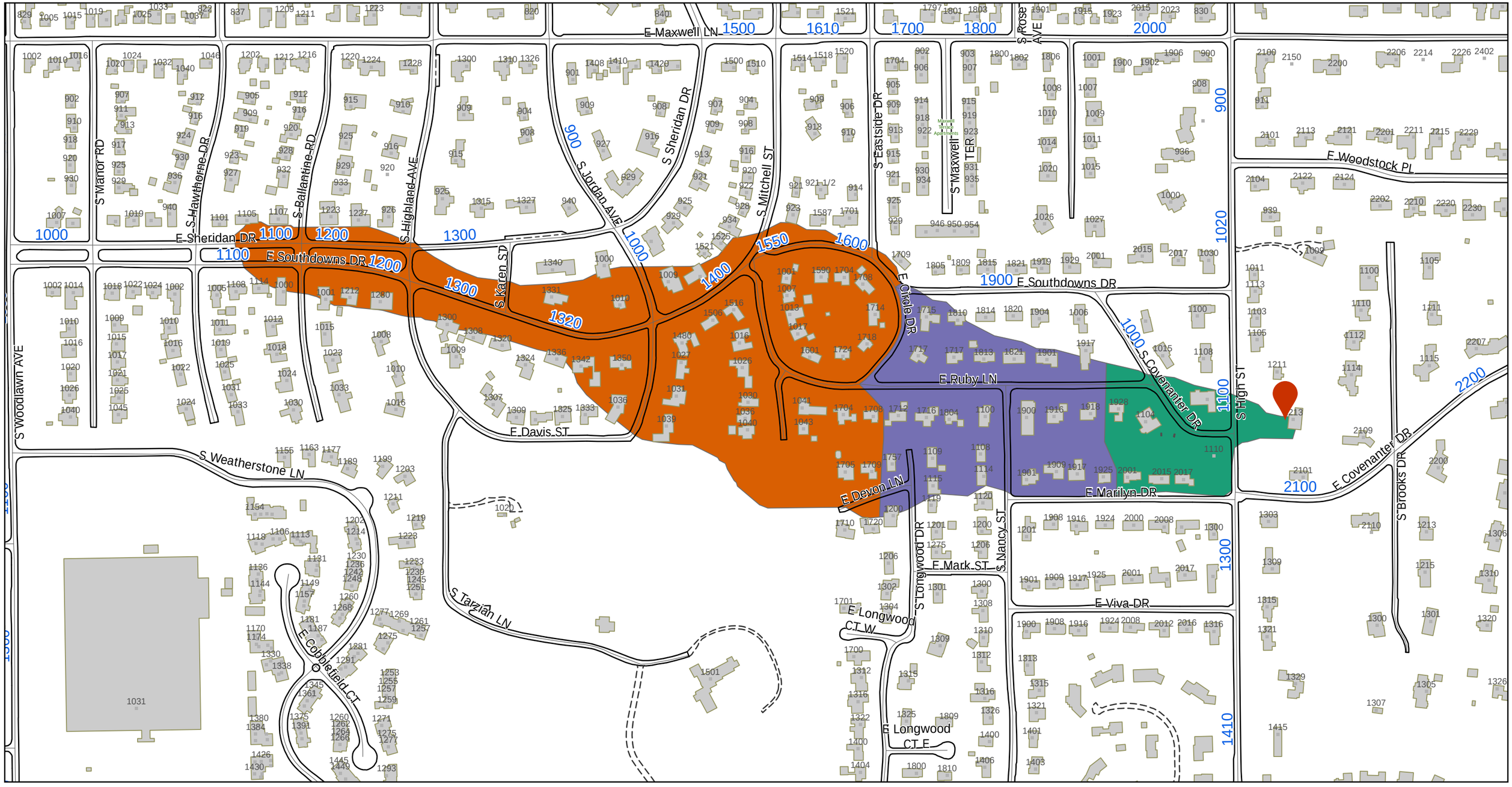
Title: Area Map	**Location:** 1213 South High Street, Bloomington, ST 47401, Monroe County
Data Sources: Indiana Census TIGER 2000 and IGS Counties, 2016 NAIP Imagery, 2016 USGS TNM Topo IN Plymouth 7.5'	

N

1 " = 1,250 '

0 300 600 900 Feet

Project:	BFD Lead Oversight
VET Project No.:	21-83
NPDES Permit No.:	N/A
Date:	11/18/2021
Exhibit: 1	**Drawn By:** EMT
Notes:	Water wells shown: 1 in 1/4 mile radius of Site



Bloomington Fire Department

City of Bloomington

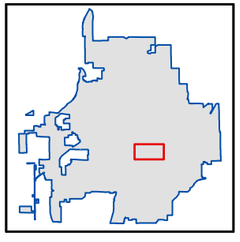
RemediationZones

- Immediate
- Secondary
- Outying

BFD Burn Remediation

0 150 300 600 900 FT

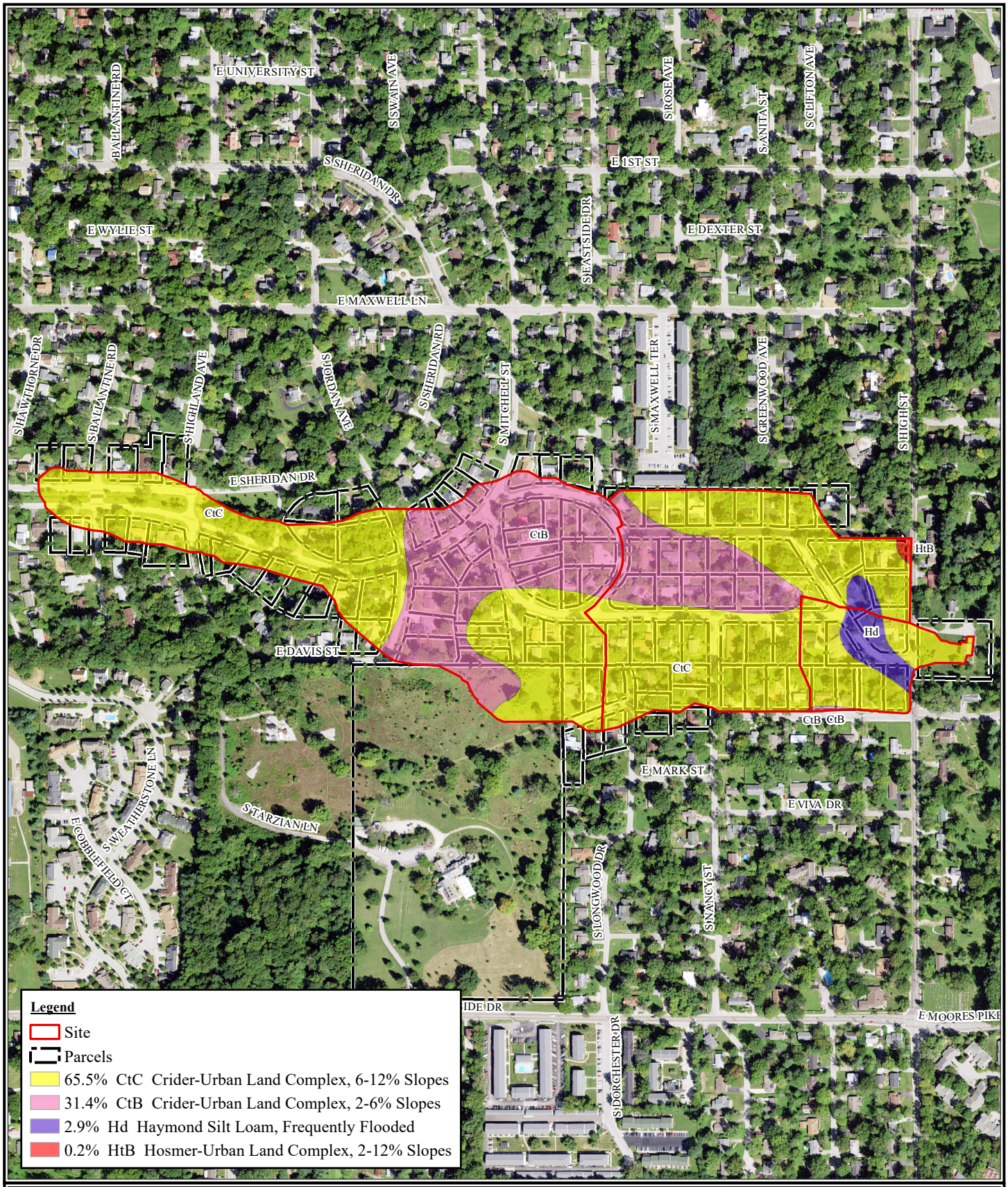
For use as map information only, information is NOT warranted.



Produced: 11/10/2021

Project: BFDBurnRemediation

File: ERAreaZoneMap



VET Environmental Engineering, LLC

2335 W. Fountain Drive
Bloomington, IN 47404
Phone: (812) 822-0400
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N

1 " = 500 '

0 125 250 375 Feet

Project:	BFD Lead Oversight
VET Project No.:	21-83
NPDES Permit No.:	N/A
Date:	11/18/2021
Exhibit:	3
Drawn By:	EMT
Notes:	Hydric Soils Hd Reported On Site

Title:	Soils Map
Location:	Address Bloomington, ST 47401 Monroe County
Data Sources:	20XX ISDP/USGS Imagery, 2016 USDA WSS Soils, 2019 USGS TNM Topo X 7.5'



Legend

- Site
- Neighborhood
- Parcels
- Air Samples
- Leaf Samples
- Soil Samples
- XRF Samples
- 2' Contour
- BFD Remediation Zone: Immediate
- BFD Remediation Zone: Secondary
- BFD Remediation Zone: Outlying
- ND = Constituent Not Detected at Laboratory Reporting Limit
- 100.00 = Detection does not exceed Screening Levels

N

1 " = 100 '

0 25 50 100 150 200 Feet

VET Environmental Engineering, LLC
2335 W. Fountain Drive
Bloomington, IN 47404
Phone: (812) 322-0900
www.vetenv.com

Title:	Lead Abatement Oversight Analytical Results
Location:	1213 South High Street Bloomington, IN 47401 Monroe County
Project:	Bloomington Fire Department Lead Abatement Oversight
VET Project No.:	2183
NPDES Permit No.:	N/A
Date:	12/10/2021
Exhibit:	4
Drawn By:	EMT
Notes:	N/A
Data Sources:	2016 NDP Imagery, 2019 USGS 7NM Topo IN Bloomington 7.5'

TABLES

Table 1. EACI Personal Air Sampling Analytical Results - BFD Lead Oversight
Bloomington, Indiana

Constituents (µg/m³)	Occupational Safety and Health Administration (OSHA) Limits (µg/m³)		P1 #12	P2 #22	P1 #15	P1 #2	P2 #22	P1 #22	P2 #2
	Action Level	Permissible Exposure Limit	162126893	162126893	162126893	162127325	162127325	162127325	162127325
			11/9/2021	11/9/2021	11/9/2021	11/11/2021	11/11/2021	11/12/2021	11/12/2021
Lead in Air by Flame AAS (NIOSH Method 7082)									
Lead	30	50	ND	ND	ND	ND	ND	ND	ND

Table Legend

ND = Constituent not detected at reporting limit
100.0 = Detection does not exceed OSHA limits
100.0 = Detection exceeds OSHA Action Level

Table 2. VET Area Air Sampling Analytical Results - BFD Lead Oversight
Bloomington, Indiana

Constituents (µg/m³)	Occupational Safety and Health Administration (OSHA) Limits (µg/m³)		1015C	A001	A002	A003	A004	A005	A006	A007	A008	A009	A010	A011	A012
	Action Level	Permissible Exposure Limit	162127051	162127051	162127051	162127198	162127198	162127198	162127198	162127198	162127390	162127390	162127505	162127505	162127508
			11/9/2021	11/10/2021	11/10/2021	11/11/2021	11/11/2021	11/11/2021	11/12/2021	11/12/2021	11/15/2021	11/15/2021	11/16/2021	11/16/2021	11/17/2021
Lead in Air by Flame AAS (NIOSH Method 7082)															
Lead	30	50	**ND**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table Legend

ND = Constituent not detected at reporting limit
ND = Constituent not detected - Reporting limit exceeds OSHA Action Level

Table 3. VET XRF Readings - BFD Lead Oversight
Bloomington, Indiana

Sample ID	Date	Property Address	Surface Analyzed	Lead Loading (mg/cm²)	Pass(P)/Fail(F)
XRF 001	11/10/2021	East Ruby Lane	Paint chip	2.14	F*
XRF 002	11/11/2021	1928 East Ruby Lane	Porch railing	ND	P
XRF 003			Outdoor sink	ND	P
XRF 004	11/11/2021	1212 South High Street	Painted mailbox	0.058	P
XRF 005			Front patio	ND	P
XRF 006	11/11/2021	1015 South Covenanter Drive	Grill	0.133	P
XRF 007	11/11/2021	1901 East Ruby Lane	Banister	ND	P
XRF 008	11/11/2021	1917 East Ruby Lane	Playset	ND	P
XRF 009	11/12/2021	1704 East Ruby Lane	Boat tarp in carport	0.51	P
XRF 010			Trailer wheel well	ND	P
XRF 011			Ladder rung	ND	P
XRF 012			Top of trailer in carport	ND	P
XRF 013	11/12/2021	1901 East Ruby Lane	Playset floor	ND	P
XRF 014			Table in playset	ND	P
XRF 015			Floor of 2nd story playset	ND	P
XRF 016			Arm of chair 2nd story playset	ND	P
XRF 017	11/12/2021	1916 East Ruby Lane	Limestone bench in yard	ND	P
XRF 018			Wood table back yard	ND	P
XRF 019			Side table on porch	ND	P
XRF 020			Top of clothes line cover	ND	P
XRF 021	11/12/2021	1821 East Ruby Lane	Children's water table back yard	ND	P
XRF 022			Sand box back yard	ND	P
XRF 023			Children's table back yard	ND	P
XRF 024			Grill cover back yard	ND	P
XRF 025	11/15/2021	2001 East Marilyn Drive	Painted shelf in carport	0.35	P
XRF 026			Handrail on stair in carport	ND	P
XRF 027			Swing hanging in carport	ND	P
XRF 028			Pet carrier in carport	ND	P
XRF 029	11/16/2021	1709 Circle Drive	Children's seat backyard	ND	P
XRF 030			Chidlren's seat backyard	ND	P
XRF 031			Armchair hand rail	ND	P
XRF 032			Siding in rear of house	2.13	F
XRF 033			Front concrete stoop	ND	P

* = Reading taken from a paint chip expected to contain lead-based paint (LBP)
ND = No detection of lead-containing paint (LCP) or lead-based paint (LBP)

Table 4. VET Soil Analytical Results - BFD Lead Oversight
Bloomington, Indiana

Constituents (mg/kg)					2017 IDEM TGD* Levels (mg/kg)	2021 IDEM Remediation Closure Guide (RCG) Screening Levels (mg/kg)			
					Maximum Background Concentration	Residential MTG	Direct Contact Residential**	Direct Contact Comm/Ind	Direct Contact Excavation
Lead					260	270	400	800	1,000
Remediation Zone	**Sample ID**	**Depth**	**Date**	**Laboratory Job ID**	**Results**				
Immediate	S001	0-12'	11/10/2021	162127075	ND				
	S002			162127075	56				
	S003			162127075	ND				
	SS-001	0-4'	11/12/2021	500-208392-1	37				
	SS-002			500-208392-1	28				
	SS-004			500-208392-1	23				
	SS-005			500-208392-1	22				
	SS-018		11/15/2021	500-208447-1	32				
	SS-019			500-208447-1	3.7				
	SS-020			500-208447-1	19				
	SS-021			500-208447-1	20				
	SS-038		11/16/2021	500-208568-1	71				
	SS-045		11/17/2021	500-208626-1	34				
Secondary	SS-003	0-4'	11/12/2021	500-208392-1	15				
	SS-006			500-208392-1	130				
	SS-007			500-208392-1	18				
	SS-008			500-208392-1	5.5				
	SS-009			500-208392-1	8.4				
	DUP-1			500-208392-1	140				
	SS-010		11/15/2021	500-208447-1	29				
	SS-011			500-208447-1	15				
	SS-012			500-208447-1	24				
	SS-013			500-208447-1	17				
	SS-014			500-208447-1	15				
	SS-015			500-208447-1	16				
	SS-016			500-208447-1	20				
	SS-017			500-208447-1	19				
	SS-022			500-208447-1	10				
	SS-023			500-208447-1	25				
	SS-024			500-208447-1	20				
	DUP-2			500-208447-1	19				
	SS-025			500-208447-1	28				
	SS-026			500-208447-1	22				
	SS-027		11/16/2021	500-208568-1	29				
	DUP-3			500-208568-1	31				
	SS-028			500-208568-1	43				
	SS-029			500-208568-1	16				
	SS-030			500-208568-1	18				
	SS-031			500-208568-1	20***				
	SS-032			500-208568-1	16				
	SS-033			500-208568-1	23				
	SS-034			500-208568-1	30				
	SS-035			500-208568-1	21				
	SS-036			500-208568-1	17				
	SS-037			500-208568-1	44				
	SS-039		11/17/2021	500-208626-1	28				
	SS-040			500-208626-1	22				
	SS-041			500-208626-1	13				
	SS-042			500-208626-1	8.5				
	SS-043			500-208626-1	6.9				
	SS-044			500-208626-1	77				
	SS-046			500-208626-1	18				
	DUP-4			500-208626-1	20				
	SS-047			500-208626-1	25				
	SS-048			500-208626-1	24				
	SS-049			500-208626-1	25				

Table Legend

*	= Technical Guidance Document (TGD): Background Lead and Arsenic Surface Soil Levels
**	= Equal to the USEPA Hazard Level for Bare Soil in Play Areas
***	= Data qualified (see analytical report)
ND	= Constituent not detected at reporting limit
ND	= Constituent not detected - Reporting limit exceeds IDEM TGC Maximum Background Concentration
100.0	= Detection does not exceed Screening Levels
100.0	= Detection exceeds IDEM TGD Maximum Background Concentration

Table 5. EACI Abatement and VET Confirmatory Sampling Schedule - BFD Lead Oversight
Bloomington, Indiana

Remediation Zone	Property Address	EACI Abatement Completion Date	VET Air Sample Date	VET Soil Sample Date	XRF Reading Date
Immediate	1213 S High Street	11/17/2021	11/16/2021, 11/17/2021	11/16/2021, 11/17/2021	--
	1212 S High Street	11/10/2021	--	11/12/2021	11/11/2021
	1104 S Covenanter Drive	11/10/2021	11/10/2021	11/12/2021	--
	1928 E Ruby Lane	11/10/2021	--	11/12/2021	11/11/2021
	1917 E Ruby Lane	11/11/2021	11/11/2021	11/12/2021	11/11/2021
	1110 S Covenanter Drive	NO PERMISSION	NO PERMISSION	NO PERMISSION	NO PERMISSION
	1925 E Marilyn Drive	11/15/5021	--	11/15/2021	--
	2001 E Marilyn Drive	11/15/2021	11/15/2021	11/15/2021	11/15/2021
	2015 E Marilyn Drive	11/15/2021	--	11/15/2021	--
	2017 E Marilyn Drive	11/15/2021	--	11/15/2021	--
Secondary	1100 S High Street	11/15/2021	--	--	--
	1108 S High Street	11/15/2021	--	--	--
	1918 E Ruby Lane	11/11/2021	11/11/2021	11/12/2021	--
	1916 E Ruby Lane	11/11/2021	11/11/2021	11/12/2021	11/12/2021
	1900 E Ruby Lane	11/11/2021	--	11/12/2021	--
	1901 E Ruby Lane	11/11/2021	--	11/12/2021	11/12/2021
	1821 E Ruby Lane	11/11/2021	--	11/12/2021	11/12/2021
	1813 E Ruby Lane	NO PERMISSION	NO PERMISSION	NO PERMISSION	--
	1717 E Ruby Lane	11/11/2021	--	11/15/2021	--
	1100 S Nancy Street	11/11/2021	--	11/15/2021	--
	1108 S Nancy Street	11/12/2021	--	11/15/2021	--
	1114 S Nancy Street	11/12/2021	--	11/15/2021	--
	1901 E Marilyn Drive	11/15/5021	--	11/15/2021	--
	1909 E Marilyn Drive	11/15/5021	--	11/15/2021	--
	1917 E Marilyn Drive	11/15/5021	--	11/15/2021	--
	1015 S Covenanter Drive	11/10/2021	11/10/2021	11/12/2021	11/11/2021
	1717 Circle Drive	11/12/2021	11/12/2021	11/15/2021	--
	1804 E Ruby Lane	11/11/2021	--	11/15/2021	--
	1716 E Ruby Lane	11/11/2021	--	11/15/2021	--
	1712 E Ruby Lane	11/12/2021	--	11/15/2021	--
	1109 S Longwood Drive	11/17/2021	--	11/17/2021	--
	1757 E Devon Lane	11/17/2021	--	11/17/2021	--
	1200 S Longwood Drive	11/17/2021	--	11/17/2021	--
	1115 S Longwood Drive	11/17/2021	--	11/17/2021	--
	1715 Circle Drive	11/12/2021	--	11/16/2021	--
	1006 S Covenanter Drive	11/15/2021	--	11/16/2021	--
	1005 S Covenanter Drive	11/15/2021	--	11/16/2021	--
	1814 E Southdowns Drive	11/16/2021	--	11/16/2021	--
	1810 E Southdowns Drive	11/12/2021	--	11/16/2021	--
	1929 E Southdowns Drive	11/16/2021	--	11/17/2021	--
	1919 E Southdowns Drive	11/16/2021	--	11/17/2021	--
	1821 E Southdowns Drive	11/16/2021	--	11/17/2021	--
	1815 E Southdowns Drive	11/16/2021	--	11/17/2021	--
	1708 E Ruby Lane	11/12/2021	--	11/15/2021	--
	1904 E Southdowns Drive	11/16/2021	11/15/2021, 11/16/2021	11/16/2021	--
	1820 E Southdowns Drive	11/16/2021	--	11/16/2021	--
	1709 Circle Drive	11/16/2021	--	11/16/2021	11/16/2021
	1809 E Southdowns Drive	11/16/2021	--	11/17/2021	--
	1805 E Southdowns Drive	11/16/2021	--	11/17/2021	--

-- = No Test Conducted

Table 5. EACI Abatement and VET Confirmatory Sampling Schedule - BFD Lead Oversight
Bloomington, Indiana

Remediation Zone	Property Address	EACI Abatement Completion Date	VET Air Sample Date	VET Soil Sample Date	XRF Reading Date
Outlying	1704 E Ruby Lane	11/11/2021	--	--	11/12/2021
	1041 E Ruby Lane	11/12/2021	--	--	--
	1601 E Ruby Lane	11/12/2021	11/12/2021	--	--
	1043 S Mitchell Street	11/12/2021	--	--	--
	1718 Circle Drive	11/12/2021	--	--	--
	1714 Circle Drive	11/12/2021	--	--	--
	1704 Circle Drive	11/12/2021	--	--	--
	1708 Circle Drive	NO PERMISSION	NO PERMISSION	NO PERMISSION	NO PERMISSION
	1590 E Southdowns Drive	11/12/2021	--	--	--
	1001 S Mitchell Street	11/12/2021	--	--	--
	1007 S Mitchell Street	11/12/2021	--	--	--
	1013 S Mitchell Street	11/12/2021	--	--	--
	1026 S Mitchell Street	11/12/2021	--	--	--
	1036 S Mitchell Street	11/12/2021	--	--	--
	1336 E Southdowns Drive	11/17/2021	--	--	--
	1331 E Southdowns Drive	11/17/2021	--	--	--
	1320 E Southdowns Drive	11/17/2021	--	--	--
	1308 E Southdwns Drive	11/18/2021	--	--	--
	1300 E Southdowns Drive	11/18/2021	--	--	--
	1280 E Southdowns Drive	11/18/2021	--	--	--
	1212 E Southdowns Drive	11/18/2021	--	--	--
	1016 S Mitchell Street	11/17/2021	--	--	--
	1516 E Southdowns Drive	11/17/2021	--	--	--
	1506 E Southdowns Drive	11/17/2021	--	--	--
	1480 E Southdowns Drive	11/17/2021	--	--	--
	1507 E Southdowns Drive	11/17/2021	--	--	--
	1000 S Jordan Avenue	11/17/2021	--	--	--
	1009 S Jordan Avenue	11/17/2021	--	--	--
	1010 S Jordan Avenue	11/17/2021	--	--	--
	1027 S Jordan Avenue	11/17/2021	--	--	--
	1031 S Jordan Avenue	NO PERMISSION	NO PERMISSION	NO PERMISSION	NO PERMISSION
	1039 S Jordan Avenue	NO PERMISSION	NO PERMISSION	NO PERMISSION	NO PERMISSION
	1036 S Jordan Avenue	11/17/2021	--	--	--
	1350 E Southdowns Drive	11/17/2021	--	--	--
	1340 E Sheridan Drive	11/17/2021	--	--	--
	1324 E Southdowns Drive	11/18/2021	--	--	--
	1101 E Sheridan Drive	11/18/2021	--	--	--
	1105 E Sheridan Drive	11/18/2021	--	--	--
	1227 E Sheridan Drive	11/18/2021	--	--	--
	1107 E Sheridan Drive	11/18/2021	--	--	--
	1114 E Southdowns Drive	11/18/2021	--	--	--
	1000 S Ballantine Rd.	11/18/2021	--	--	--
	1001 S Ballantine Rd.	11/18/2021	--	--	--
	936 S Hawthorne Drive	11/18/2021	--	--	--
	930 S Manor Drive	11/18/2021	--	--	--
	1709 E Devon Lane	11/17/2021	--	--	--
	1705 E Devon Lane	11/17/2021	--	--	--
	1710 E Devon Lane	11/17/2021	--	--	--
	1720 E Devon Lane	11/17/2021	--	--	--
	1119 S Longwood Drive	11/17/2021	--	--	--
	1908 E Marilyn Drive	11/19/2021	--	--	--
	1916 E Marilyn Drive	11/19/2021	--	--	--
	1924 E Marilyn Drive	11/19/2021	--	--	--
	2015 E Southdowns Drive	11/19/2021	--	--	--
	2017 E Southdowns Drive	11/19/2021	--	--	--
	1342 E Southdowns Drive	11/17/2021	--	--	--

-- = No Test Conducted

Table 6. Leaf Litter TCLP Analytical Results - BFD Lead Oversight
Bloomington, Indiana

Constituents (mg/kg)	Toxicity Characteristic Leaching Procedure (TCLP) Allowable Limits (mg/L)	LS-02*
		500-208568-1
		11/16/2021
Method 6010C Metals (ICP) - TCLP		
Lead	5.0 ppm (mg/L)	ND

Table Legend

* = LS-01 was collected on November 15, 2021 and submitted for lead analysis by USEPA SW-846 Method 6010C
ND = Constituent not detected at reporting limit
100.0 = Detection does not exceed USEPA Allowable Limit

ATTACHMENT 1

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.
100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Eric J. Holcomb
Governor

Bruno L. Pigott
Commissioner

September 17, 2021

Tania Daffron, Battalion Chief
City of Bloomington Fire Department
PO BOX 100
Bloomington, Indiana 47402
DaffroTa@bloomington.in.gov

Re: Approval FT-261952 Pursuant to 326 IAC 4-1
APPROVED

Battalion Chief Daffron:

You are hereby notified that your request for an approval from 326 IAC 4-1 is approved to conduct live fire training using the structures located at 1211 & 1213 S. High Street, Bloomington, Monroe County. In addition, within the structure at 1213 S. High Street, the carpeting may be left in place on the 2 basement staircases and the 1 staircase leading to the second story in order to minimize damage to turnout gear. Adequate measures must be taken to ensure the carpeting does not catch fire during the training and all carpeting must be removed prior to the final burning of the structure.

NOTE: The following contacts must be notified at least twenty-four (24) hours in advance of the date and time of the burning:

- Monroe County Health Department
- Monroe County Sheriff's Department
- IDHS Fire & Public Safety Academy – Wade Walling, Director
- IDEM SERO - Mark Amick

Following are the conditions for burning:

1. All asbestos-containing materials (ACM), asphalt roofing (including backer paper), and vinyl siding (including foam board insulation) must be removed before the intentional burning of any structure. These materials may not be burned and must be disposed of in an approved landfill.
2. Mercury switches and fluorescent bulbs must be removed from the structure and recycled or disposed of in a properly permitted municipal solid waste facility. It is recommended that they be sent to a local household waste collection location. For additional information, contact your solid waste management district (SWMD), visit www.idem.IN.gov/recycle, or contact IDEM at the numbers above.
3. If at any time the fire creates an air pollution problem, a threat to public health, a nuisance, or a fire hazard, the burning shall be extinguished.
4. No burning shall be conducted:
   (a) When an Air Quality Action Day (AQAD) has been issued for ozone and/or $PM_{2.5}$. An AQAD is declared when health levels are forecasted to be "Unhealthy for Sensitive Groups" or greater;
   (a) When an open burning ban has been declared by either state or local officials (www.IN.gov/dhs/burnban/); or
   (b) During unfavorable meteorological conditions (high winds, temperature inversions, and/or air stagnation).

   Visit apps.idem.in.gov/smogwatch/Today.aspx, or contact Mark Derf at (317) 233-5682, for additional information.
5. Burning shall be conducted during daylight hours only and all fires shall be extinguished prior to sunset.
6. This approval letter shall be made available at the burning site to state or local officials upon request.
7. Burning may take place within one hundred (100) feet of a structure or power line; or three hundred (300) feet of a frequently traveled road, fuel storage area, or pipeline only if adequate precautions are taken. Wind speed, direction, mixing height, and transport winds shall be considered prior to beginning the burn so that there is minimal or no impact to nearby roads, structures, power lines, fuel storage areas, or pipelines.
8. All burning must comply with other federal, state, and local laws, regulations, and ordinances, including 40 CFR 61 Subpart M (National Emissions Standards for Asbestos).
9. Prior to the commencement of any demolition or renovation activities at the structure, the owner or operator must use an Indiana licensed asbestos inspector to inspect the structure thoroughly for the presence of asbestos-containing materials (ACM). All ACM must be removed prior to preparing the structure for the demolition (intentional burning). Depending on the types and amounts of ACM discovered by the licensed inspector, an Indiana licensed asbestos contractor using licensed personnel may be required to have the ACM removed in accordance with applicable state and federal rules and regulations (326 IAC 14-10, 326 IAC 18-1, and 40 CFR 61 Subpart M).

State Form 44593 “Notification of Demolition and Renovation Operations” must be submitted **10 business days** before the commencement of either the asbestos removal, or the intentional burning. This notification form must be submitted even if no asbestos is present. Please do not include copies of the asbestos inspection report when submitting the asbestos notification. Retain a copy of the report for your records so that it may be made available upon request.

Notifications can be submitted by any of the following methods:

(a) E-Mail: AsbestosDemoReno@idem.IN.gov
(b) Fax: (317) 233-3257
(c) Mail/Hand Delivered:
IDEM, OAQ - Asbestos
100 N. Senate Ave., Room N1003
Indianapolis, IN 46204

Please be aware that upon submitting a notification, IDEM will assess a fee of $50 for each structure being demolished. It is not necessary to include this fee when submitting the required notification. IDEM issues invoices to building owners/operators on a quarterly basis.

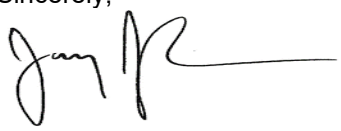
Visit IDEM’s Asbestos website, www.idem.IN.gov/asbestos, for further guidance including instructions on how to search for licensed asbestos inspectors & contractors, obtaining necessary forms, and additional billing information.

10. This approval does not become effective until after fifteen days from the date of publication in *The Herald Times*.

This approval will expire September 15, 2022.

If you have any questions concerning this letter, please contact Brock Jones at (317)518-8279 or (800)451-6027, ext.3-2721 (toll free within Indiana), BJones2@idem.IN.gov, or write to him at the above address.

Sincerely,



Janusz Johnson, Chief
Compliance and Enforcement Branch
Office of Air Quality

Enclosures

Approval FT-261952
cc: Monroe County Health Department (healthdept2@co.monroe.in.us)
Monroe County Sheriff’s Department (sheriffsoffice@co.monroe.in.us)
Property Owner: Privet Drive LLC (EvanMartin03@yahoo.com)
IDHS Fire & Public Safety Academy: ATTN – Director Walling (WWalling@dhs.IN.gov)
ACSIII (Asbestos), IDEM OAQ
Mark Amick, IDEM SERO (MAmick@idem.IN.gov)
Daniel Ross, IDEM SERO (DRoss@idem.IN.gov)
Brock Jones, IDEM OAQ (BJones2@idem.IN.gov)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Eric J. Holcomb
Governor

Bruno L. Pigott
Commissioner

September 17, 2021

ATTENTION: Legal Advertising, Public Notices
The Herald Times
P.O. Box 909
Bloomington, Indiana 47402
publicnotice@heraldt.com

Enclosed, please find one (1) Indiana Department of Environmental Management Notice of Public Comment for an approval from 326 IAC 4-1 to conduct live fire training to City of Bloomington Fire Department.

Since our agency must comply with the requirement which calls for a 15 day Notice Period, we request that you print this Notice one time as soon as possible.

We are required by the Auditor's Office to request that you place the Federal ID Number on this claim. Please send a notarized form and clipping showing the date of publication along with the billing to, Attn: Trudy Price, MC 50-10A, Room 1340, Indiana Department of Environmental Management, 100 North Senate Avenue, Indianapolis, Indiana 46204.

If you have any questions concerning this letter, please contact me at (317)518-8279 or (800)451-6027, ext. 3-2721 (toll free within Indiana), BJones2@idem.IN.gov, or write to me at the above address.

Sincerely,

Brock Jones
Compliance Section II
Office of Air Quality

Enclosures
Approval FT-261952

NOTICE OF OPEN BURNING APPROVAL
FT-261952

Notice is hereby given that an approval from 326 IAC 4-1 has been issued to the City of Bloomington Fire Department, to conduct live fire training using the structures located at 1211 & 1213 S. High Street, Bloomington, Monroe County. In addition, within the structure at 1213 S. High Street, the carpeting may be left in place on the 2 basement staircases and the 1 staircase leading to the second story in order to minimize damage to turnout gear. Adequate measures must be taken to ensure the carpeting does not catch fire during the training and all carpeting must be removed prior to the final burning of the structure.

Any affected person wishing to challenge this decision is required by Indiana Code Section (IC) 4-21.5-3-7 to file a petition for administrative review. (Please note that a "petition for administrative review" is not a compilation of interested party signatures but is a legal document, the requirements of which are described in IC 4-21.5-3-7.) The petition must be submitted in writing to N-501E, Indianapolis, Indiana 46204, within fifteen (15) days of the publication of this newspaper notice.

Pursuant to IC 13-14-8-11 (formerly IC 13-7-7-6), IC 4-21.5-3-5 and IC 4-21.5-3-7, this decision will become effective fifteen (15) days after the publication date of this newspaper notice or, in the case of individuals who have received personal notifications, eighteen (18) days after the mailing date of this Notice of Approval unless a petition for review is submitted by an affected party. Pursuant to IC 4-21.5-3-5(d), the Office of Environmental Adjudication will provide an interested party with notice of any pre-hearing conferences, preliminary hearing, or orders disposing of the review of this decision if a written request is submitted to the Office of Environmental Adjudication. Further information regarding the appeal process is available at https://www.in.gov/oea/2370.htm.

A copy of the Approval decision is available for inspection and copying at the following:

- Monroe County Health Department, 119 W. 7th Street, Bloomington
- Monroe County Public Library, 303 E. Kirkwood Avenue, Bloomington
- Indiana Department of Environmental Management (IDEM) Virtual File Cabinet (VFC) at vfc.idem.in.gov
    - The Approval can be found in VFC by using the following search criteria:
        - *Program*: OAQ
        - *Document Type*: Compliance
        - *FullText Search*: FT-261952

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Eric J. Holcomb
Governor

Bruno L. Pigott
Commissioner

September 17, 2021

TO: Monroe County Public Library
303 E. Kirkwood Avenue
Bloomington, Indiana 47408-3534
mwood@mcpl.info

FROM: Janusz Johnson, Chief
Compliance and Enforcement Branch
Office of Air Quality

RE: Open Burning Approval: Fire Training

In an effort to better disseminate approval information to the public for their review and comment, the Indiana Department of Environmental Management requests the use of the services of libraries statewide. Enclosed is a copy of the approval to conduct live fire training issued to the City of Bloomington Fire Department. Please allow patrons to access this information for reading or copying. These are not copyright documents, and your current policies regarding photocopy charges apply. We ask that this document be maintained for at least 15 days from the date of publication in *The Herald Times*. You are not responsible for collecting or responding to comments or questions regarding the approval. Any comments or questions should be directed to the staff member noted in the approval or sent to:

Department of Environmental Management
Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

An approval notice will be published in the local newspaper. In this notice, your library will be designated as a location where the public review can take place.

Thank you for your assistance in better informing the public about the Department's activities.

If you have any questions concerning this letter, please contact Brock Jones at (317)518-8279 or (800)451-6027, ext.3-2721 (toll free within Indiana), BJones2@idem.IN.gov, or write to him at the above address.

Enclosures
Approval FT-261952

REQUEST FOR VARIANCE FROM 326 IAC 4-1 FIRE TRAINING

State Form 49634 (R4 / 9-09)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Indiana Department of Environmental Management
Office of Air Quality - Air Compliance Branch
100 N. Senate Avenue
MC 61-50, Room 1003
Indianapolis, IN 46204-2251
Telephone (317) 233-5672 or
1-800-451-6027 (Indiana Residents Only)
http://www.idem.IN.gov/4819.htm

NOTE

- This is an application for open burning approval for fire training to comply with 326 IAC 4-1. Complete and return this application to the Office of Air Quality address provided in the upper right hand side of the form or FAX to 317-233-6865. In case of questions someone may be reached at 317-233-5672 or (in Indiana) 1-800-451-6027 press 0, and ask for extension 3-5672.
- You can fill out this form electronically, using your mouse and keyboard. Simply click inside of the number one (1. Name) field to begin, and advance to the next fields using the "tab" key on your keyboard, or by clicking in the field with your mouse.

FOR OFFICE USE ONLY	
VARIANCE ID NUMBER	ASSIGNED TO
FT-261952	**BKJ**

NOTE

►Please complete the following and return to the Office of Air Quality, Indiana Department of Environmental Management, MC 61-51, Room 1003, Indianapolis, Indiana 46204-2251, 60 days prior to the proposed burning date. A list of names & addresses of all parties potentially affected should accompany this application using State Form 49635 "Identification of Potentially Affected Persons[1]".

PART A: PERSON, CONTRACTOR, OR DEPARTMENT CONDUCTING BURN

1. Name Tania Daffron	2. Title Battalion Chief	
3. Organization name City of Bloomington Fire Department		
4. Address (*number and street*) PO BOX 100 -or- 226 S. College (temporary physical address)		
5. City Bloomington	6. State Indiana	7. ZIP code 47402
8. Daytime telephone (812) 272 - 2113	9. FAX number (N/A) -	

PART B: PROJECT LOCATION

10. Site Address (*Street or 911 address or directions from known roads/streets/intersection/and which side of road*)
1211 & 1213 S. High Street [two residential structures total (each on the same parcel of land under common ownership)]

11. City Bloomington	12. County Indiana
13. Is burn site located in an unincorporated area? ☐ YES ☑ NO	14. Is the burn site within 100 feet of a structure? ☑ YES ☐ NO
15. 100 feet of a power line? ☑ YES ☐ NO	16. 300 feet of a frequently traveled road? ☑ YES ☐ NO
17. 300 feet of a fuel storage area or pipeline? ☐ YES ☑ NO	

PART C: MATERIAL TO BE BURNED

18. Specify the type of material to be burned (check all that apply)
☐ Wood construction waste ☐ Tree waste (Vegetation) ☐ Prescribed vegetation burn ☑ Structure
☐ Other (Specify)_____

19. If requesting permission to burn wood waste from a structure, is the structure standing? ☐ YES ☐ NO

20. Please check the type of structure.
☐ Barn ☑ House ☐ Out building ☐ Church ☐ Garage ☐ Commercial ☐ House trailer
☐ Other (Specify)_____

21. If material to be burned is in a pile, how many piles are there? N/A	22. If vegetation project, number of acres involved? N/A

23. Each pile is approximately ____ feet long ____ feet wide ____ feet high; If a circular pile ____ feet diameter ____ feet high

PART D: PROJECTED BURNING TIME

24. Projected burning date(s)(*mm/dd/yyyy*) 9/30/2021 - 10/31/2021	25. Total hours of burning time <50 hours

PART E: TRAINING ISSUES

26. Purpose of training - Live fire practice, hoselays, fire suppression, offensive & defensive attacks
27. Type of equipment to be used - Municipal front-line apparatus
28. Number of individuals involved ~100 individuals
29. Names of other departments
None at this time

PART F: SIGNATURE

I hereby certify that the information above is accurate to the best of my knowledge.

Tania Daffron
Signature

9.7.2021
Date (*mm/dd/yyyy*)

Tania Daffron
Type or print name

Battalion Chief
Title

[1] Available from the IDEM Office of Air Quality or on the Internet at http://www.IN.gov/icpr/webfile/formsdiv/49635.pdf

IDENTIFICATION OF POTENTIALLY AFFECTED PERSONS

State Form 49635 (R5 / 3-14)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY – COMPLIANCE & ENFORCEMENT
100 N. Senate Avenue
MC 61-50
Indianapolis, IN 46204
Fax: (317) 233-6865
Telephone: (317) 233-5672 or
1-800-451-6027 (Inside Indiana Only)
E-mail: burnapprovals@idem.in.gov
Website: http:www.IN.gov/4111

INSTRUCTIONS:

- *As part of the application for open burning approval, and in order to comply with the Administrative Orders and Procedures Act IC 4-21.5-3-5, complete and return this form with your application to the Office of Air Quality address or fax provided in the upper right hand side of the form. In case of questions, someone may be reached at 317-233-5672 or (in Indiana) 1-800-451-6027, and ask for extension 3-5672.*
- *You can fill out this form electronically. Simply click inside of the first field (Owners' Name) to begin, and advance to the next fields using the "tab" key on your keyboard, or by clicking in the field with your mouse.*

FOR OFFICE USE ONLY	
APPROVAL ID NUMBER	ASSIGNED TO

NOTE

► Please read the related letter from the Air Compliance & Enforcement Branch Chief and list here any person whom you have reason to believe could be considered to be potentially affected under the law. List the burn site property owner in Part A of this application. Public Utility Owners with pipelines within three hundred (300) feet and power lines or communication lines within one hundred (100) feet from the proposed burn site need to be listed in Part C. If there are more than four (4) Right of Way (ROW) Owners please use a separate page. Part D should include adjacent land owners and/or those who rent property. The Office of Air Quality will notify these parties. Please note that if there are more than fifteen (15) people listed in Part D, we will likely do a public notice at no cost to you and you do not need to list all the names; just state that you request a public notice to be done. To ensure conformance with the Administrative Orders and Procedures Act, please list all such parties. Use additional sheets if necessary. Once completed, **sign this form** and return it with the **signed** application.

PART A: THE PROPERTY OWNER

Name of Owners:	Address:	
Privet Drive, LLc	2200 S. Walnut Street.	
City/State:	ZIP Code:	Telephone Number:
Bloomington, IN	47401	812.360.2200

PART B: NAME & COMPLETE ADDRESS OF BURN PROPERTY

Name:	City:	County:
private residence	Bloomington	Monroe
Address:	ZIP Code:	
1213 S. High Street	47401	

PART C: RIGHT OF WAY (ROW) OWNERS

ROW Company:	**ROW Contact:**
Address and City/State/ZIP Code:	
E-mail Address:	Telephone Number:

ROW Company:	**ROW Contact:**
Address and City/State/ZIP Code:	
E-mail Address:	Telephone Number:

ROW Company:	**ROW Contact:**
Address and City/State/ZIP Code:	
E-mail Address:	Telephone Number:

PART D: NUMBER OF AFFECTED PARTIES

☐ **Fifteen (15) affected parties or less listed in Part E.**

☑ **More than fifteen (15) affected parties, please public notice.**

- No need to list all affected parties in Part E.

(Continued on Page 2)

PART E: ADDITIONAL POTENTIALLY AFFECTED PERSONS

Name/Address/City/State/ZIP Code:	Name/Address/City/State/ZIP Code:
>15	9
Name/Address/City/State/ZIP Code:	Name/Address/City/State/ZIP Code:
Name/Address/City/State/ZIP Code:	Name/Address/City/State/ZIP Code:
Name/Address/City/State/ZIP Code:	Name/Address/City/State/ZIP Code:
Name/Address/City/State/ZIP Code:	Name/Address/City/State/ZIP Code:
Name/Address/City/State/ZIP Code:	Name/Address/City/State/ZIP Code:
Name/Address/City/State/ZIP Code:	Name/Address/City/State/ZIP Code:

PART F: SIGNATURE

I hereby state that I have listed all affected parties to the best of my knowledge. If none are listed, it signifies that no such parties are known.

Signature: [signature]

Name of Company: City of Bloomington (IN) Fire Dept

E-mail Address: daffrota@bloomington.in.gov

Type or Print Name: TANIA DAFFRON

Title: Battalion Chief

Date: (mm/dd/yyyy) 7.30.2021

Jason Moore
Fire Chief

Jayme Washel
Deputy Chief

Tania Daffron
BC/Training

Roger Kerr
Batt Chief / A Shift

Travis Drescher
Batt Chief / B Shift

Neville Vaughan
Batt Chief / C Shift

City of Bloomington Fire Department

Respect – Integrity - Service - Excellence

"Saving Lives and Protecting Property with Honor and Professionalism"

September 2, 2021

Indiana Department of Environmental Management (IDEM)
Office of Air Quality-Air Compliance Branch
100 N. Senate Avenue
Indianapolis, IN 46204

Attn: Brock Jones, Compliance Inspector

Greetings.

Thank you for visiting our proposed training/live burn site and the guidance you provided.

While we do plan on live burn scenarios on the various levels at the site prior the final and complete burn/s, we would like to do additional firefighter rescue training. With the home/s being so large, multiple evolutions are possible. To that end we would request that any carpeting on the two basement stairs, and the stairway leading to the second story, be allowed to remain so as to minimize the wear and tear on our PPE. All carpeting will be removed from the staircase on the second floor leading to the attic. Adequate measures will be taken to ensure that the carpeting left on the stairs will not burn during live fire training evolutions. All carpeting left in place on the stairways will be removed prior to the final burn down.

As discussed during our meeting, our water supply is more than sufficient; however we would also like to practice drafting and will have a full dump tank on site. This tank could be kept full by the nearby hydrant/s as well.

We look forward to the opportunity to practice our skills at this site, should approval be granted. Again, we thank you for your time and consideration. Should you have any questions or concerns, please feel free to contact me at your convenience.

Respectfully,

Tania Daffron
Battalion Chief
Bloomington Fire Department

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
FIELD INSPECTION CHECKLIST
LIVE FIRE TRAINING UTILIZING A STRUCTURE

INSPECTION INFORMATION			
FIRE DEPARTMENT MAKING REQUEST	Bloomington Fire Department	FT-261952	
THOSE PRESENT DURING INSPECTION	Tania Daffron, Battalion Chief Evan Martin, Property Owner	INSPECTION DATE	August 31, 2021
SITE ADDRESS	1211 & 1213 S. High Street, Bloomington	INSPECTED BY	Brock Jones

BACKGROUND INFORMATION
The Bloomington Fire Department are requesting approval to use 2 acquired structures for live fire training operations. The two structures are located on 2.5 acres of adjacent land under the common ownership of "Privet Drive LLC". The structure located at 1213 S. High Street is ~4,400ft^2, consists of a basement (which has a walk out patio on the southside of the building), two stories, plus an attic. The attic is open, with a subfloor, accessible via a staircase, and appeared to be in the process of renovating it into a more habitable space. The structure at 1211 S. High Street is ~2,000ft^2, and consists of two levels (no basement, no attic).

1213 S. HIGH STREET, BLOOMINGTON (IMAGE 1)			
ITEMS	**NEEDS REMOVED**	**N/A**	**NOTES**
Asphalt roofing	☒	☐	
Asbestos roofing	☐	☒	
Fiberglass roofing	☐	☒	
Treated wood	☒	☐	Pergola over the basement's walkout patio (south side of structure)
Vinyl siding	☒	☐	
Asbestos siding	☐	☒	
Asphalt siding	☐	☒	
Fluorescent bulbs	☒	☐	
Floor coverings	☒	☐	The house has 4 total staircases, all of which are curved without handrails. 2 staircases lead to the basement, 1 to the 2nd floor, and one to the attic. Due to the large square footage, the FD will submit a justification letter requesting approval to keep the carpeting in place on all stairs (other than the attic stairs) in order to minimize wear and tear on PPE. All carpeting will be removed prior to final burn down.
Appliances	☐	☒	The house was free of all appliances.
Fuel tanks	☐	☒	
Mercury (thermostat)	☒	☐	
Plastic mini blinds	☒	☐	
Furniture	☐	☒	
Trash	☒	☐	
Other	☒	☐	Decorative window shutters (vinyl)
Known Clandestine Lab (www.meth.in.gov): ☐Yes ☒No			
Asbestos requirements Apply: ☒ Yes ☐ No		Suspect Asbestos Observed: ☐ Yes ☒ No	
ADDITIONAL COMMENTS: The ductwork and furnace appeared to have been relatively new and was free of suspect ACM.			



Image 1. Structure located at 1213 S. High Street, Bloomington to be used by the Bloomington Fire Department for live fire training purposes. Photograph taken by Brock Jones, IDEM OAQ, at the time of the inspection on August 21, 2021

REMAINDER OF PAGE LEFT BLANK INTENTIONALLY

1211 S. HIGH STREET, BLOOMINGTON (IMAGE 2)			
ITEMS	**NEEDS REMOVED**	**N/A**	**NOTES**
Asphalt roofing	☒	☐	
Asbestos roofing	☐	☒	
Fiberglass roofing	☐	☒	
Treated wood	☐	☒	
Vinyl siding	☒	☐	
Asbestos siding	☐	☒	
Asphalt siding	☐	☒	
Fluorescent bulbs	☒	☐	
Floor coverings	☒	☐	
Appliances	☒	☐	
Fuel tanks	☐	☒	
Mercury (thermostat)	☒	☐	
Plastic mini blinds	☒	☐	
Furniture	☒	☐	
Trash	☒	☐	
Other	☒	☐	Decorative window shutters (vinyl)
Known Clandestine Lab (www.meth.in.gov): ☐Yes ☒No			
Asbestos requirements Apply: ☒ Yes ☐ No			Suspect Asbestos Observed: ☒ Yes ☐ No

ADDITIONAL COMMENTS:
Suspect ACM observed on an elbow of ductwork located in the area behind the HVAC unit. Suspect ACM vibration lag cloth also observed on the HVAC unit. The material was not identified during the initial asbestos inspection and another inspection of the area will be required. No training props are planned to be used in this structure.

Structure was originally built as a horse stable and has since been modified into a residential dwelling unit.

REMAINDER OF PAGE LEFT BLANK INTENTIONALLY



Image 2. Structure located at 1211 S. High Street, Bloomington to be used by the Bloomington Fire Department for live fire training purposes. Photograph taken by Brock Jones, IDEM OAQ, at the time of the inspection on August 21, 2021.

INSPECTION FINDINGS		
APPROVAL REQUEST RECOMMENDATION:	☒APPROVE	☐OTHER*
	*EXPLAIN:	
		SEPTEMBER 14, 2021
INSPECTOR'S SIGNATURE		DATE

From: Gannett Legals Public Notices 7
To: Alderman, Sara
Subject: RE: 6308621 Request for Publication - OPEN BURNING FT-261952 The Herald Times
Date: Friday, September 17, 2021 2:17:52 PM
Attachments: 6308621.pdf

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

_____

Hello Sara,

Please find attached your order confirmation and proof of the ad.

Your ad is set to run in:

· Bloomington Herald Times on September 21st, 2021. $41.86

The total cost is $41.86 which includes an affidavit, which will be mailed to you after the ad publishes. Please reply by 12 pm Monday, September 20th with changes for the ad. Your notice is scheduled to run per your request and will publish unless you advise otherwise. You will be able to receive an affidavit 7-10 business days after the last day of printing.

Thanks,

Samuel Beaton
Public Notice Team Lead

Office: 833-790-0905

-----Original Message-----
From: Alderman, Sara <SAlderma@idem.IN.gov>
Sent: Friday, September 17, 2021 1:10 PM
To: IN-Bloomington Public Notice <publicnotice@heraldt.com>
Subject: 6308621 Request for Publication - OPEN BURNING FT-261952 The Herald Times

Good Afternoon

I need the attached public notice published one time as soon as possible. If you could, please send a reply to this email stating that you received it and when you have it scheduled to publish. If you have any questions, please feel free to let me know. Thank you in advance for your help with this matter.

Brock Jones
317-233-2721
bjones2@idem.in.gov

Ad Preview

NOTICE OF OPEN BURNING APPROVAL
FT-261952

Notice is hereby given that an approval from 326 IAC 4-1 has been issued to the City of Bloomington Fire Department, to conduct live fire training using the structures located at 1211 & 1213 S. High Street, Bloomington, Monroe County. In addition, within the structure at 1213 S. High Street, the carpeting may be left in place on the 2 basement staircases and the 1 staircase leading to the second story in order to minimize damage to turnout gear. Adequate measures must be taken to ensure the carpeting does not catch fire during the training and all carpeting must be removed prior to the final burning of the structure.

Any affected person wishing to challenge this decision is required by Indiana Code Section (IC) 4-21.5-3-7 to file a petition for administrative review. (Please note that a "petition for administrative review" is not a compilation of interested party signatures but is a legal document, the requirements of which are described in IC 4-21.5-3-7.) The petition must be submitted in writing to N-501E, Indianapolis, Indiana 46204, within fifteen (15) days of the publication of this newspaper notice.

Pursuant to IC 13-14-8-11 (formerly IC 13-7-7-6), IC 4-21.5-3-5 and IC 4-21.5-3-7, this decision will become effective fifteen (15) days after the publication date of this newspaper notice or, in the case of individuals who have received personal notifications, eighteen (18) days after the mailing date of this Notice of Approval unless a petition for review is submitted by an affected party. Pursuant to IC 4-21.5-3-5(d), the Office of Environmental Adjudication will provide an interested party with notice of any pre-hearing conferences, preliminary hearing, or orders disposing of the review of this decision if a written request is submitted to the Office of Environmental Adjudication. Further information regarding the appeal process is available at https://www.in.gov/oea/2370.htm.

A copy of the Approval decision is available for inspection and copying at the following:
• Monroe County Health Department, 119 W. 7th Street, Bloomington
• Monroe County Public Library, 303 E. Kirkwood Avenue, Bloomington
• Indiana Department of Environmental Management (IDEM) Virtual File Cabinet (VFC) at vfc.idem.in.gov o The Approval can be found in VFC by using the following search criteria: □ Program: OAQ
□ Document Type: Compliance
□ FullText Search: FT-261952

HSPAXLP

Attachment 1. Weather Data - BFD Lead Oversight
Bloomington, Indiana

Date	Precipitation (Inches)	Maximum Wind Speed (MPH)	Wind Direction
11/5/2021	0	7	WNW
11/6/2021	0	2	NNE
11/7/2021	0	4	NNE
11/8/2021	0	9	ENE
11/9/2021	0	7	ENE
11/10/2021	0	6	NNW
11/11/2021	0.26	14	NNE
11/12/2021	0.01	16	ENE
11/13/2021	<1.0	11	E
11/14/2021	0.2	11	ENE
11/15/2021	0	7	ENE
11/16/2021	0	6	WNW
11/17/2021	0.13	15	ENE
11/18/2021	0.22	11	E
11/19/2021	0	4	WNW

ATTACHMENT 2

City of Bloomington
Housing and Neighborhood Development

November 10, 2021

Chief Jason Moore
Bloomington Fire Department

Re: Testing for lead dust.

Chief Moore,
Per your request I conducted a series of lead tests in and around the area identified by IDEM on November 5, 2021. I utilized Pro-Lab brand Surface lead test kits purchased at Kleindorfer's Hardware for this purpose. These test strips are advertised on the package to detect lead dust to an accuracy of 5 PPM.

I have marked the nine (9) spots where I tested for lead on the map below. I picked permanent objects to test, such as park benches, culvert pipes and faux bricks in crosswalks. I did not find any lead dust that caused the test media to turn blue.

John Hewett

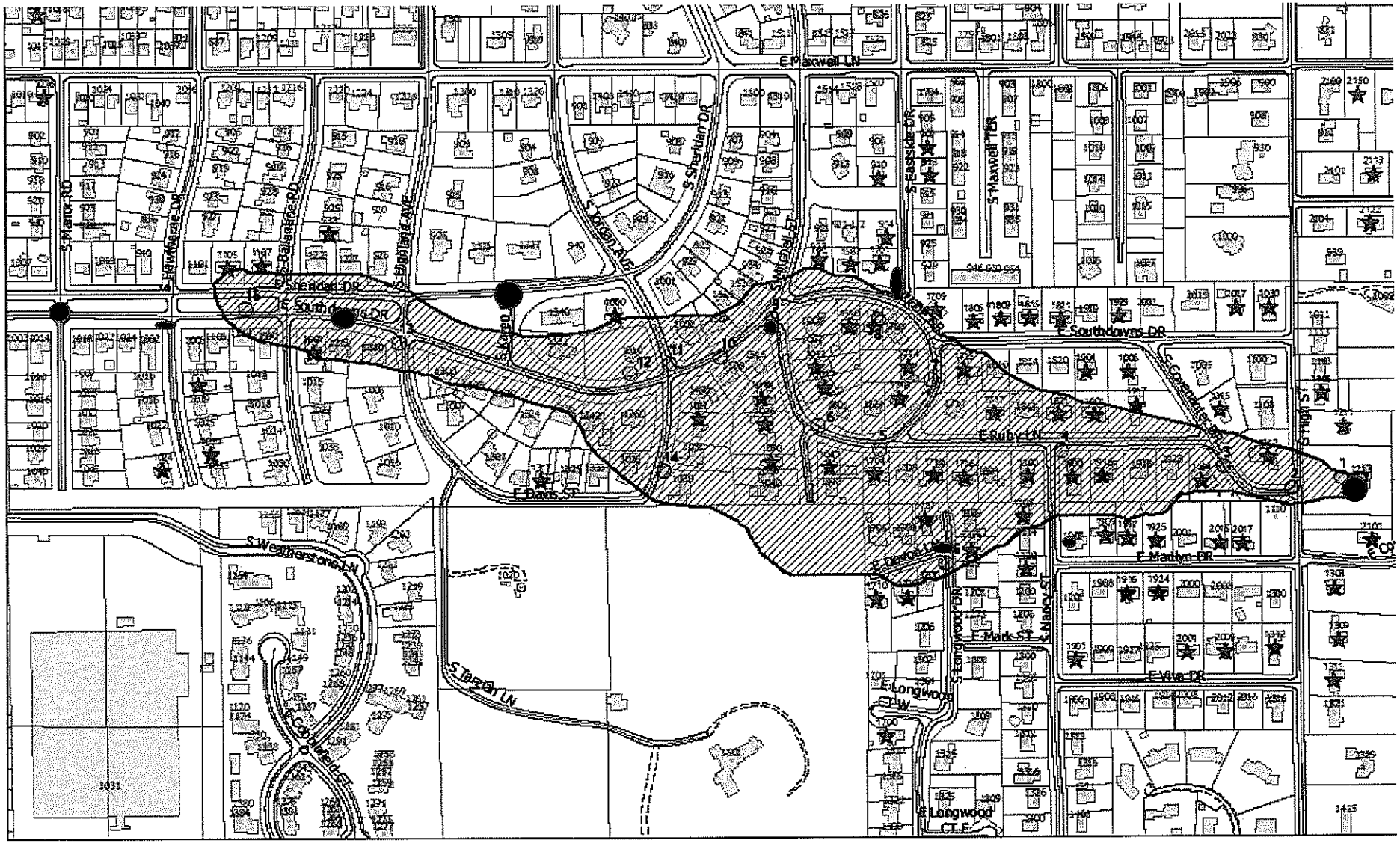
Program Manager
HAND

401 N. Morton
PO Box 100
Bloomington, IN 47402

City Hall

www.bloomington.in.gov/hand

Rental Inspections: (812) 349-3420
Housing Division: (812) 349-3401
Fax: (812) 349-3582



Bloomington Fire Department

City of Bloomington

- BurnRemediationAddresses
- IDEM_ER_point
- IDEM_ER_area
- BurnRemediationParcels
- Parcels

BFD Burn Remediation

ER Area Parcels

0 150 300 600 900 FT

For use as map information only, information is NOT warranted.

ATTACHMENT 3

SITE PHOTOS

Photo 1: EACI abatement activities at 1015 South Covenanter Drive on 11/9/2021; View to the north



Photo 2: EACI abatement activities and VET air sampling at 1104 South Covenanter Drive on 11/10/2021; View to the north

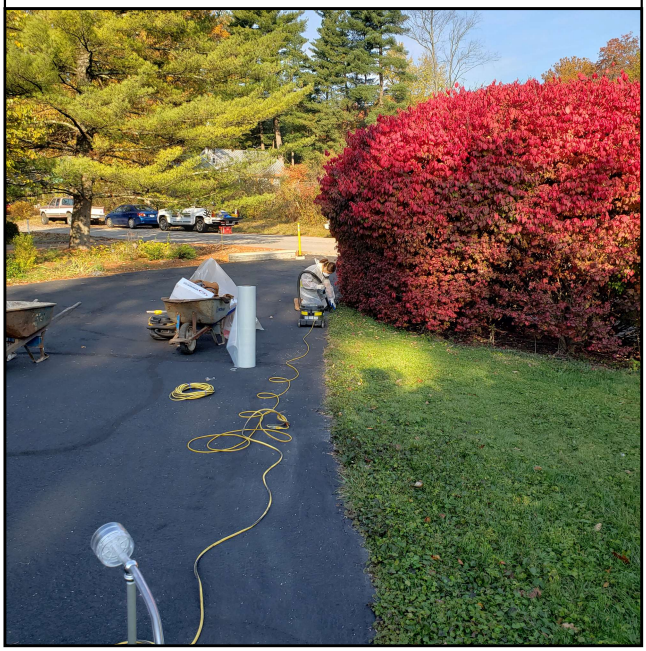


Photo 3: XRF reading location along East Ruby Lane on 11/10/21; View down



Photo 4: EACI abatement activities at 1917 East Ruby Lane on 11/10/21; View to the north



SITE PHOTOS

Photo 5: Typical example of frequently touched surface selected for XRF sampling; View to the south



Photo 6: Typical example of soil sample location in gardens; View down



Photo 7: Typical example of VET air sampling location at the perimeter of abatement activities; View to the south



Photo 8: Abatement activities at 1213 South High Street on 11/17/2021; View to the south



SITE PHOTOS

Photo 9: IUPUI representatives collecting samples along East Ruby Lane on 11/18/2021; View to the south

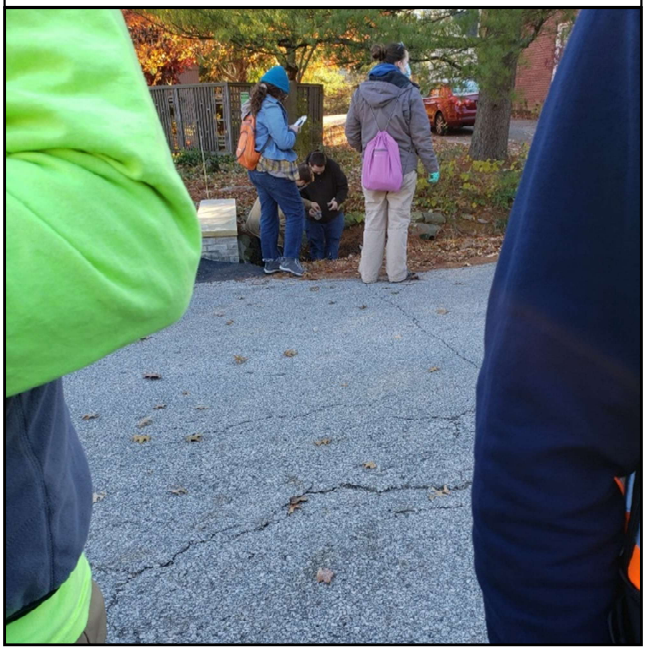


Photo 10: Typical example of paint chips and drops of paint from home maintenance; View down

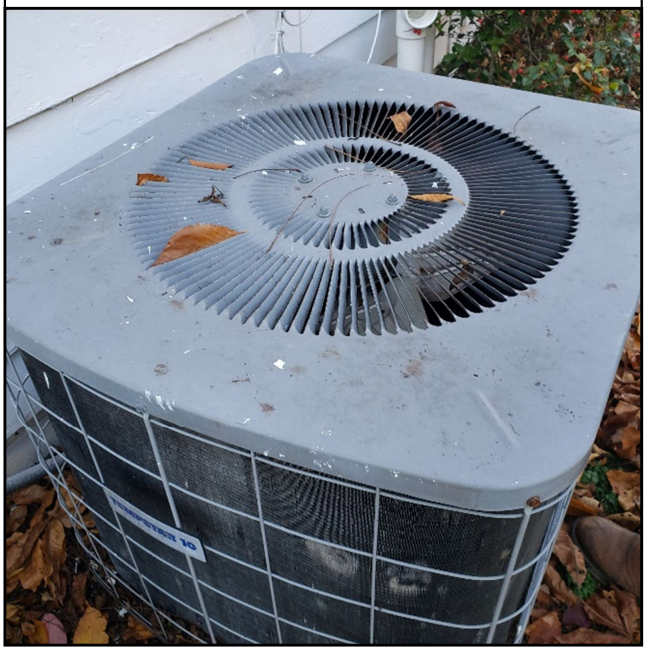


Photo 11: Typical example of peeling and/or degraded paint on homes in the Neighborhood; View up



Photo 12: Location of leaf sample (LS-02) on 11/16/2021; View to the west



ATTACHMENT 4

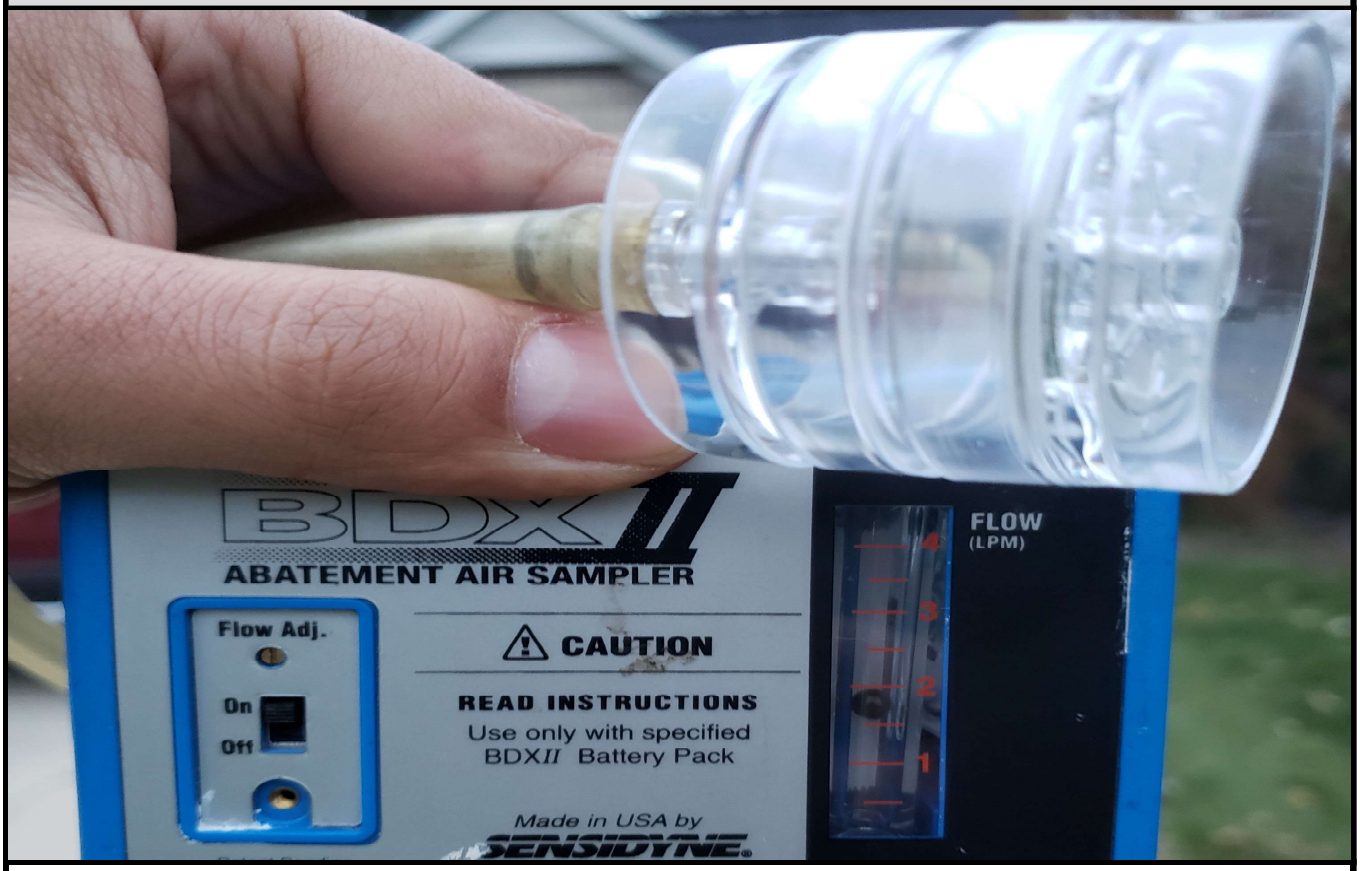
VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID 1015C

Project Name:	BFD Lead Oversight	**Sample Location:**	1015 South Covenanter Drive
VET Project Number:	21-83	**Date:**	11/09/21
Site Address:	Bloomington, Indiana	Start Time:	1715
Field Personnel:	Justin Kohl	End Time:	1740
Laboratory:	EMSL Analytical, Inc.	Level:	N/A
Analytical Method:	Flame Atomic Absorption (NIOSH 7082)	Sample Appearance:	N/A

Site Photo



Notes:

Air sample
Total Sample Time: 25 mins
Flow Rate: 5 L/min
Total Sample Volume: 125 L

View: To the East

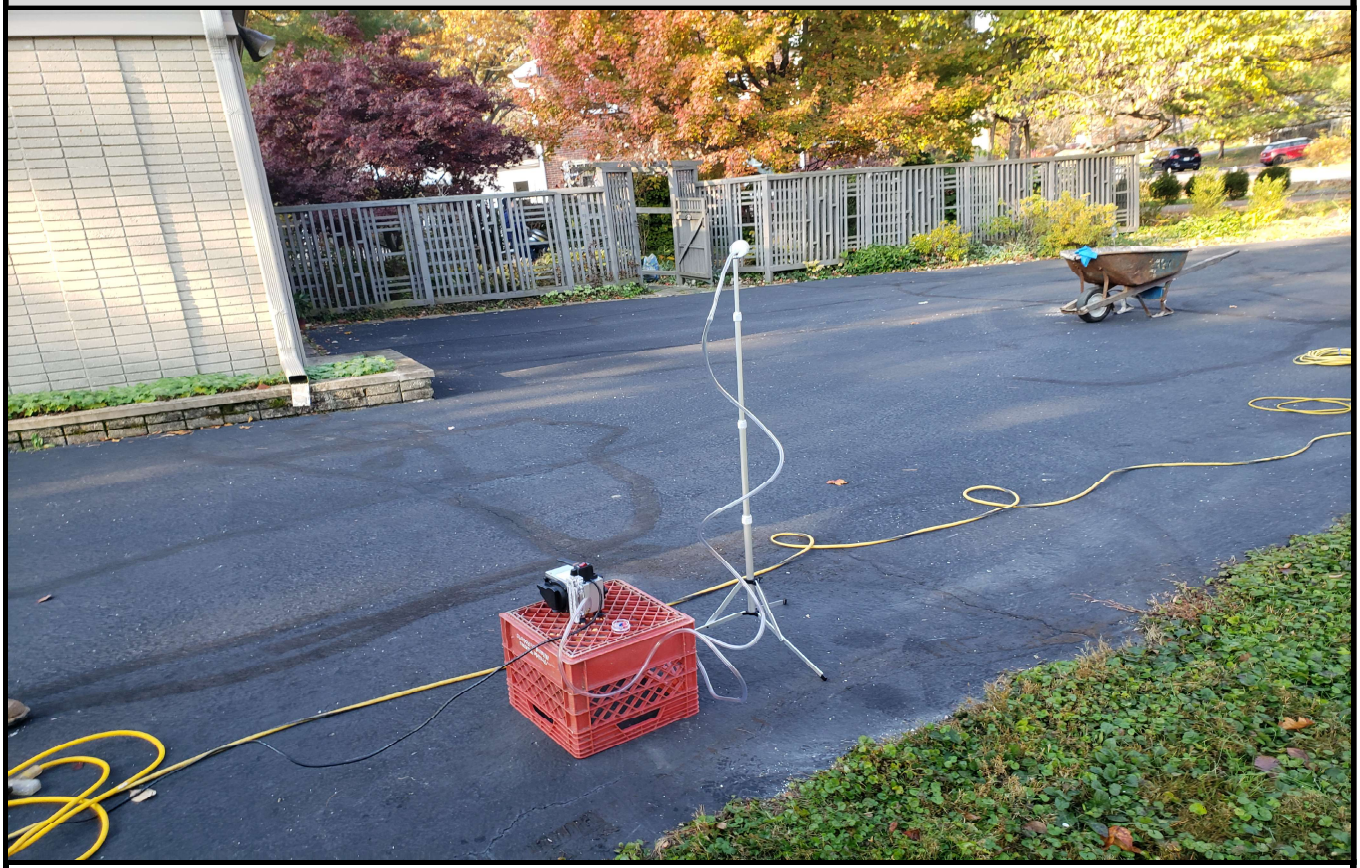
VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID A001

Project Name:	BFD Lead Oversight	**Sample Location:**	1104 South Covenanter Drive
VET Project Number:	21-83	**Date:**	11/10/21
Site Address:	Bloomington, Indiana	Start Time:	0930
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1355
Laboratory:	EMSL Analytical, Inc.	Level:	N/A
Analytical Method:	Flame Atomic Absorption (NIOSH 7082)	Sample Appearance:	N/A

Site Photo



Notes:

Air sample
Total Sample Time: 265 mins
Flow Rate: 4 L/min
Total Sample Volume: 1,060 L

View: To the West

ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID A002

Project Name:	BFD Lead Oversight	**Sample Location:**	1015 South Covenanter Drive
VET Project Number:	21-83	**Date:**	11/10/21
Site Address:	Bloomington, Indiana	Start Time:	0949
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1049
Laboratory:	EMSL Analytical, Inc.	Level:	N/A
Analytical Method:	Flame Atomic Absorption (NIOSH 7082)	Sample Appearance:	N/A

Site Photo



Notes:

Air sample
Total Sample Time: 60 mins
Flow Rate: 15 L/min
Total Sample Volume: 900 L

View: To the Northwest

ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID A003

Project Name:	BFD Lead Oversight	**Sample Location:**	1916 East Ruby Lane
VET Project Number:	21-83	**Date:**	11/11/21
Site Address:	Bloomington, Indiana	Start Time:	0840
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1058
Laboratory:	EMSL Analytical, Inc.	Level:	N/A
Analytical Method:	Flame Atomic Absorption (NIOSH 7082)	Sample Appearance:	N/A

Site Photo



Notes:

Air sample
Total Sample Time: 138 mins
Flow Rate: 2 L/min
Total Sample Volume: 276 L

View: To the Southwest

ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID A004

Project Name:	BFD Lead Oversight	**Sample Location:**	1918 East Ruby Lane
VET Project Number:	21-83	**Date:**	11/11/21
Site Address:	Bloomington, Indiana	Start Time:	0832
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1328
Laboratory:	EMSL Analytical, Inc.	Level:	N/A
Analytical Method:	Flame Atomic Absorption (NIOSH 7082)	Sample Appearance:	N/A

Site Photo



Notes:

Air sample
Total Sample Time: 296 mins
Flow Rate: 2 L/min
Total Sample Volume: 592 L

View: To the North

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID A005

Project Name:	BFD Lead Oversight	**Sample Location:**	1804 East Ruby Lane
VET Project Number:	21-83	**Date:**	11/11/21
Site Address:	Bloomington, Indiana	Start Time:	1515
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1720
Laboratory:	EMSL Analytical, Inc.	Level:	N/A
Analytical Method:	Flame Atomic Absorption (NIOSH 7082)	Sample Appearance:	N/A

Site Photo



Notes:

Air sample
Total Sample Time: 125 mins
Flow Rate: 2 L/min
Total Sample Volume: 338 L on Chain of Custody, corrected to 250 L

View: To the South

ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID A006

Project Name:	BFD Lead Oversight	**Sample Location:**	1717 East Circle Drive
VET Project Number:	21-83	**Date:**	11/12/21
Site Address:	Bloomington, Indiana	Start Time:	0823
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1339
Laboratory:	EMSL Analytical, Inc.	Level:	N/A
Analytical Method:	Flame Atomic Absorption (NIOSH 7082)	Sample Appearance:	N/A

Site Photo



Notes:

Air sample
Total Sample Time: 316 minutes
Flow Rate: 2 L/min
Total Volume Sampled: 632 L

View: To the Southeast

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID A007

Project Name:	BFD Lead Oversight	**Sample Location:**	1601 East Ruby Lane
VET Project Number:	21-83	**Date:**	11/12/21
Site Address:	Bloomington, Indiana	Start Time:	0827
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1539
Laboratory:	EMSL Analytical, Inc.	Level:	N/A
Analytical Method:	Flame Atomic Absorption (NIOSH 7082)	Sample Appearance:	N/A

Site Photo



Notes:

Air sample
Total Sample Time: 432 minutes
Flow Rate: 2 L/min
Total Volume Sampled: 864 L

View: To the Northeast

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID A008

Project Name:	BFD Lead Oversight	**Sample Location:**	2001 East Marilyn Drive
VET Project Number:	21-83	**Date:**	11/15/21
Site Address:	Bloomington, Indiana	Start Time:	0815
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1340
Laboratory:	EMSL Analytical, Inc.	Level:	N/A
Analytical Method:	Flame Atomic Absorption (NIOSH 7082)	Sample Appearance:	N/A

Site Photo



Notes:

Air sample
Total Sample Time: 325 minutes
Flow Rate: 2 L/min
Total Volume Sampled: 650 L

View: To the Northwest

ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID A009

Project Name:	BFD Lead Oversight	**Sample Location:**	1904 East Southdowns Drive
VET Project Number:	21-83	**Date:**	11/15/21
Site Address:	Bloomington, Indiana	Start Time:	1402
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1700
Laboratory:	EMSL Analytical, Inc.	Level:	N/A
Analytical Method:	Flame Atomic Absorption (NIOSH 7082)	Sample Appearance:	N/A

Site Photo



Notes:

Air sample
Total Sample Time: 178 minutes
Flow Rate: 2 L/min
Total Volume Sampled: 356 L

View: To the South

ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID A010

Project Name:	BFD Lead Oversight	**Sample Location:**	1904 East Southdowns Drive
VET Project Number:	21-83	**Date:**	11/16/21
Site Address:	Bloomington, Indiana	Start Time:	0806
Field Personnel:	Justin Kohl	End Time:	1429
Laboratory:	EMSL Analytical, Inc.	Level:	N/A
Analytical Method:	Flame Atomic Absorption (NIOSH 7082)	Sample Appearance:	N/A

Site Photo



Notes:

Air sample
Total Sample Time: 383 minutes
Flow Rate: 2 L/min
Total Volume Sampled: 766 L

View: To the South

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID A011

Project Name:	BFD Lead Oversight	**Sample Location:**	1213 South High Street
VET Project Number:	21-83	**Date:**	11/16/21
Site Address:	Bloomington, Indiana	Start Time:	1422
Field Personnel:	Justin Kohl	End Time:	1637
Laboratory:	EMSL Analytical, Inc.	Level:	N/A
Analytical Method:	Flame Atomic Absorption (NIOSH 7082)	Sample Appearance:	N/A

Site Photo



Notes:

Air sample
Total Sample Time: 135 minutes
Flow Rate: 2 L/min
Total Volume Sampled: 270 L

View: To the South

VET
ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID A012

Project Name:	BFD Lead Oversight	**Sample Location:**	1213 South High Street
VET Project Number:	21-83	**Date:**	11/17/21
Site Address:	Bloomington, Indiana	Start Time:	0826
Field Personnel:	Rene Lloyd	End Time:	1127
Laboratory:	EMSL Analytical, Inc.	Level:	N/A
Analytical Method:	Flame Atomic Absorption (NIOSH 7082)	Sample Appearance:	N/A

Site Photo



Notes:

Air sample
Total Sample Time: 181 mins
Flow Rate: 2 L/min
Total Sample Volume: 362 L

View: To the North

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID S001

Project Name:	BFD Lead Oversight	**Sample Location:**	1015 South Covenanter Drive
VET Project Number:	21-83	**Date:**	11/10/21
Site Address:	Bloomington, Indiana	Start Time:	1031
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1036
Laboratory:	EMSL Analytical, Inc.	Level:	N/A
Analytical Method:	Flame AAS (SW 846 3050B/7000B)	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface soil sample
Sample was collected during remediation and prior to a precipitation event.
Sample was collected to the right of driveway in photo, in the lawn south of the house.

View: To the West

VET
ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID S002

Project Name:	BFD Lead Oversight	**Sample Location:**	1104 South Covenanter Drive
VET Project Number:	21-83	**Date:**	11/10/21
Site Address:	Bloomington, Indiana	Start Time:	1137
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1142
Laboratory:	EMSL Analytical, Inc.	Level:	N/A
Analytical Method:	Flame AAS (SW 846 3050B/7000B)	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface soil sample
Sample was collected during remediation and prior to a precipitation event.
Sample was collected in the lawn east of driveway

View: To the West

ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID S003

Project Name:	BFD Lead Oversight	**Sample Location:**	1212 South High Street
VET Project Number:	21-83	**Date:**	11/10/21
Site Address:	Bloomington, Indiana	Start Time:	1347
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1352
Laboratory:	EMSL Analytical, Inc.	Level:	N/A
Analytical Method:	Flame AAS (SW 846 3050B/7000B)	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface soil sample
Sample was collected during remediation and prior to a precipitation event.
Sample was collected from the east lawn, west of mailbox, and north of driveway

View: To the Northeast

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-001

Project Name:	BFD Lead Oversight	**Sample Location:**	1212 South High Street
VET Project Number:	21-83	**Date:**	11/12/21
Site Address:	Bloomington, Indiana	Start Time:	0855
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	0900
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface soil sample
Sample was collected from the east lawn, west of mailbox, and north of driveway.

View: To the West

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-002

Project Name:	BFD Lead Oversight	**Sample Location:**	1104 South Covenanter Drive
VET Project Number:	21-83	**Date:**	11/12/21
Site Address:	Bloomington, Indiana	Start Time:	0907
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	0912
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface soil sample
Sample was collected from the lawn east of the driveway.

View: To the West

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-003

Project Name:	BFD Lead Oversight	**Sample Location:**	1015 South Covenanter Drive
VET Project Number:	21-83	**Date:**	11/12/21
Site Address:	Bloomington, Indiana	Start Time:	0916
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	0921
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface soil
Sample was collected from a vegetable garden on the east side of house

View: To the Northeast

VET
ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-004

Project Name:	BFD Lead Oversight	**Sample Location:**	1928 East Ruby Lane
VET Project Number:	21-83	**Date:**	11/12/21
Site Address:	Bloomington, Indiana	Start Time:	0932
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	0937
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface soil sample
Sample was collected from a vegetable garden.

View: To the West

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-005

Project Name:	BFD Lead Oversight	**Sample Location:**	1917 East Ruby Lane
VET Project Number:	21-83	**Date:**	11/12/21
Site Address:	Bloomington, Indiana	Start Time:	0948
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	0953
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface soil sample
Sample was collected from a garden bed on the east side of the house.

View: To the East

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-006

Project Name:	BFD Lead Oversight	**Sample Location:**	1918 East Ruby Lane
VET Project Number:	21-83	**Date:**	11/12/21
Site Address:	Bloomington, Indiana	Start Time:	1002
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1007
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface soil sample
Sample was collected from the lawn on the east side of the house.

View: To the Southwest

VET
ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-007

Project Name:	BFD Lead Oversight	**Sample Location:**	1916 East Ruby Lane
VET Project Number:	21-83	**Date:**	11/12/21
Site Address:	Bloomington, Indiana	Start Time:	1250
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1255
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface soil sample
Sample collected north of location of stone bench in photo, on the south side of house and garden bed.

View: To the Southeast

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-008

Project Name:	BFD Lead Oversight	**Sample Location:**	1900 East Ruby Lane
VET Project Number:	21-83	**Date:**	11/12/21
Site Address:	Bloomington, Indiana	Start Time:	1304
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1309
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Black (potting soil)

Site Photo



Notes:

Grab surface soil sample
Sample was collected from the vegetable garden on the west side of house

View: To the East

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-009

Project Name:	BFD Lead Oversight	**Sample Location:**	1821 East Ruby Lane
VET Project Number:	21-83	**Date:**	11/12/21
Site Address:	Bloomington, Indiana	Start Time:	1345
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1350
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Black with white flecks (potting soil)

Site Photo



Notes:

Grab surface soil sample
Sample was collected from the backyard garden bed on the north side of the house.
VET collected a duplicate sample at this location.

View: To the North

ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-010

Project Name:	BFD Lead Oversight	**Sample Location:**	1901 East Ruby Lane
VET Project Number:	21-83	**Date:**	11/15/21
Site Address:	Bloomington, Indiana	Start Time:	0835
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	0840
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	N/A

Site Photo



Notes:

Grab surface soil sample
Sample collected from soil near playset on the north side of the house.

View: To the West

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-011

Project Name:	BFD Lead Oversight	**Sample Location:**	1100 South Nancy Street
VET Project Number:	21-83	**Date:**	11/15/21
Site Address:	Bloomington, Indiana	Start Time:	0925
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	0930
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	N/A

Site Photo



Notes:

Grab surface soil
Sample was collected from the east garden bed on the south side of the house.

View: To the North

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-012

Project Name:	BFD Lead Oversight	**Sample Location:**	1804 East Ruby Lane
VET Project Number:	21-83	**Date:**	11/15/21
Site Address:	Bloomington, Indiana	Start Time:	0935
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	0940
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	N/A

Site Photo



Notes:

Grab surface soil sample
Sample was collected from the lawn on the south side of the house in a drainage swale.

View: To the South

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-013

Project Name:	BFD Lead Oversight	**Sample Location:**	1717 East Ruby Lane
VET Project Number:	21-83	**Date:**	11/15/21
Site Address:	Bloomington, Indiana	Start Time:	1019
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1024
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	N/A

Site Photo



Notes:

Grab surface soil sample
Sample was collected from a garden bed on the north side of the house.

View: To the South

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-014

Project Name:	BFD Lead Oversight	**Sample Location:**	1716 East Ruby Lane
VET Project Number:	21-83	**Date:**	11/15/21
Site Address:	Bloomington, Indiana	Start Time:	1030
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1035
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	N/A

Site Photo



Notes:

Grab surface soil sample
Sample was collected from a garden bed on the south side of the house.

View: To the West

ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-015

Project Name:	BFD Lead Oversight	**Sample Location:**	1717 Circle Drive
VET Project Number:	21-83	**Date:**	11/15/21
Site Address:	Bloomington, Indiana	Start Time:	1100
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1105
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	N/A

Site Photo



Notes:

Grab surface soil sample
Sample was collected from the vegetable garden located southwest of the house along East Ruby Lane

View: To the North

VET
ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-016

Project Name:	BFD Lead Oversight	**Sample Location:**	1712 East Ruby Lane
VET Project Number:	21-83	**Date:**	11/15/21
Site Address:	Bloomington, Indiana	Start Time:	1105
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1110
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	N/A

Site Photo



Notes:

Grab surface soil sample
Sample was collected from the lawn north of the house east of a pond

View: To the Northwest

VET
ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-017

Project Name:	BFD Lead Oversight	**Sample Location:**	1708 East Ruby Lane
VET Project Number:	21-83	**Date:**	11/15/21
Site Address:	Bloomington, Indiana	Start Time:	1116
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1121
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	N/A

Site Photo



Notes:

Grab surface soil sample
Sample was collected from a vegetable garden on the east side of the house

View: To the East

ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-018

Project Name:	BFD Lead Oversight	**Sample Location:**	2017 East Marilyn Drive
VET Project Number:	21-83	**Date:**	11/15/21
Site Address:	Bloomington, Indiana	Start Time:	1143
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1148
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	N/A

Site Photo



Notes:

Grab surface soil sampll
Sample was collected from the lawn north of the house along the west fenceline

View: To the West

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-019

Project Name:	BFD Lead Oversight	**Sample Location:**	2015 East Marilyn Drive
VET Project Number:	21-83	**Date:**	11/15/21
Site Address:	Bloomington, Indiana	Start Time:	1150
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1155
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	N/A

Site Photo



Notes:

Grab surface soil sample
Sample was collected from a vegetable garden on the northwest side of the house.

View: To the North

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-020

Project Name:	BFD Lead Oversight	**Sample Location:**	2001 East Marilyn Drive
VET Project Number:	21-83	**Date:**	11/15/21
Site Address:	Bloomington, Indiana	Start Time:	1202
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1207
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	N/A

Site Photo



Notes:

Grab surface soil sample
Sample was collected from the lawn on the north side of the house in a footpath between two fenced-in areas.

View: To the West

VET
ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-021

Project Name:	BFD Lead Oversight	**Sample Location:**	1925 East Marilyn Drive
VET Project Number:	21-83	**Date:**	11/15/21
Site Address:	Bloomington, Indiana	Start Time:	1417
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1422
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	N/A

Site Photo



Notes:

Grab surface soil sample
Sample was collected from a fenced-in vegetable garden on the north side of the house.

View: To the East

VET
ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-022

Project Name:	BFD Lead Oversight	**Sample Location:**	1917 East Marilyn Drive
VET Project Number:	21-83	**Date:**	11/15/21
Site Address:	Bloomington, Indiana	Start Time:	1425
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1430
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	N/A

Site Photo



Notes:

Grab surface soil sample
Sample was collected from the lawn on the north side of the house near a trampoline.

View: To the Southeast

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-023

Project Name:	BFD Lead Oversight	**Sample Location:**	1909 East Marilyn Drive
VET Project Number:	21-83	**Date:**	11/15/21
Site Address:	Bloomington, Indiana	Start Time:	1433
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1438
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	N/A

Site Photo



Notes:

Grab surface soil sample
Sample was collected from a garden bed containing a young tulip tree on the south side of the house.

View: To the South

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-024

Project Name:	BFD Lead Oversight	**Sample Location:**	1901 East Marilyn Drive
VET Project Number:	21-83	**Date:**	11/15/21
Site Address:	Bloomington, Indiana	Start Time:	1500
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1505
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	N/A

Site Photo



Notes:

Grab surface soil sample
Sample was collected from the lawn north of the house, northwest of an above-ground pool.
VET collected a duplicate sample at this location.

View: To the Northwest

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-025

Project Name:	BFD Lead Oversight	**Sample Location:**	1114 South Nancy Street
VET Project Number:	21-83	**Date:**	11/15/21
Site Address:	Bloomington, Indiana	Start Time:	1515
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1520
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	N/A

Site Photo



Notes:

Grab surface soil sample
Sample was collected from the lawn east of the house along the south fenceline.

View: To the South

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-026

Project Name:	BFD Lead Oversight	**Sample Location:**	1108 South Nancy Street
VET Project Number:	21-83	**Date:**	11/15/21
Site Address:	Bloomington, Indiana	Start Time:	1521
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1526
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	N/A

Site Photo



Notes:

Grab surface soil sample
Sample was collected from the lawn west of the house.

View: To the West

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-027

Project Name:	BFD Lead Oversight	**Sample Location:**	1005 South Covenanter Drive
VET Project Number:	21-83	**Date:**	11/16/21
Site Address:	Bloomington, Indiana	Start Time:	0915
Field Personnel:	Justin Kohl	End Time:	0920
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface soil sample
Sample was collected from the lawn on the east side of the house.
VET collected a duplicate sample at this location

View: To the West

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-028

Project Name:	BFD Lead Oversight	**Sample Location:**	1100 South High Street
VET Project Number:	21-83	**Date:**	11/16/21
Site Address:	Bloomington, Indiana	Start Time:	0926
Field Personnel:	Justin Kohl	End Time:	0931
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface soil sample
Sample was collected from the lawn on the west side of the house.

View: To the West

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-029

Project Name:	BFD Lead Oversight	**Sample Location:**	1108 South High Street
VET Project Number:	21-83	**Date:**	11/16/21
Site Address:	Bloomington, Indiana	Start Time:	0936
Field Personnel:	Justin Kohl	End Time:	0941
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface soil sample
Sample was collected from the lawn on the west side of the house.

View: To the East

ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-030

Project Name:	BFD Lead Oversight	**Sample Location:**	1006 South Covenanter Drive
VET Project Number:	21-83	**Date:**	11/16/21
Site Address:	Bloomington, Indiana	Start Time:	1020
Field Personnel:	Justin Kohl	End Time:	1025
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface soil sample
Sample was collected from lawn on the east side of the house.

View: To the West

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-031

Project Name:	BFD Lead Oversight	**Sample Location:**	1006 South Covenanter Drive
VET Project Number:	21-83	**Date:**	11/16/21
Site Address:	Bloomington, Indiana	Start Time:	1039
Field Personnel:	Justin Kohl	End Time:	1044
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface soil sample
Sample was collected from an herb garden on the west side of the house.

View: To the East

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-032

Project Name:	BFD Lead Oversight	**Sample Location:**	1904 East Southdowns Drive
VET Project Number:	21-83	**Date:**	11/16/21
Site Address:	Bloomington, Indiana	Start Time:	1049
Field Personnel:	Justin Kohl	End Time:	1054
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface soil sample
Sample was collected from a garden bed on the south side of the house.

View: To the South

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-033

Project Name:	BFD Lead Oversight	**Sample Location:**	1820 East Southdowns Drive
VET Project Number:	21-83	**Date:**	11/16/21
Site Address:	Bloomington, Indiana	Start Time:	1240
Field Personnel:	Justin Kohl	End Time:	1245
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface soil sample
Sample was collected from the south side of the house.

View: To the South

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-034

Project Name:	BFD Lead Oversight	**Sample Location:**	1814 East Southdowns Drive
VET Project Number:	21-83	**Date:**	11/16/21
Site Address:	Bloomington, Indiana	Start Time:	1251
Field Personnel:	Justin Kohl	End Time:	1256
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface soil sample
Sample was collected from the south side of the house near the fenceline.

View: To the East

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-035

Project Name:	BFD Lead Oversight	**Sample Location:**	1810 East Southdowns Drive
VET Project Number:	21-83	**Date:**	11/16/21
Site Address:	Bloomington, Indiana	Start Time:	1301
Field Personnel:	Justin Kohl	End Time:	1306
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface soil sample
Sample was collected from the lawn on the south side of the house.
VET collected a duplicate sample at this location.

View: To the North

VET
ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-036

Project Name:	BFD Lead Oversight	**Sample Location:**	1715 Circle Drive
VET Project Number:	21-83	**Date:**	11/16/21
Site Address:	Bloomington, Indiana	Start Time:	1507
Field Personnel:	Justin Kohl	End Time:	1512
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface soil sample
Sample was collected from the lawn on the west side of the house in a flower bed.

View: To the South

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-037

Project Name:	BFD Lead Oversight	**Sample Location:**	1709 Circle Drive
VET Project Number:	21-83	**Date:**	11/16/21
Site Address:	Bloomington, Indiana	Start Time:	1517
Field Personnel:	Justin Kohl	End Time:	1522
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface sample
Sample was collected from the lawn on the southwest side of the house, near a tree stump.

View: To the Northeast

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-038

Project Name:	BFD Lead Oversight	**Sample Location:**	1213 South High Street
VET Project Number:	21-83	**Date:**	11/16/21
Site Address:	Bloomington, Indiana	Start Time:	1546
Field Personnel:	Justin Kohl	End Time:	1551
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface sample
Sample was collected from soil along the the west fenceline, south of the driveway
Sample collected during remediation on the property.

View: To the West

VET
ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-039

Project Name:	BFD Lead Oversight	**Sample Location:**	1929 East Southdowns Drive
VET Project Number:	21-83	**Date:**	11/17/21
Site Address:	Bloomington, Indiana	Start Time:	0927
Field Personnel:	Rene Lloyd	End Time:	0932
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Black with white flecks (potting soil)

Site Photo



Notes:

Grab surface sample
Sample was collected from a vegetable garden on the northeast side of house.

View: To the Northeast

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-040

Project Name:	BFD Lead Oversight	**Sample Location:**	1919 East Southdowns Drive
VET Project Number:	21-83	**Date:**	11/17/21
Site Address:	Bloomington, Indiana	Start Time:	0953
Field Personnel:	Rene Lloyd	End Time:	0958
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface sample
Sample was collected from the lawn on the south side of the house.

View: To the North

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-041

Project Name:	BFD Lead Oversight	**Sample Location:**	1821 East Southdowns Drive
VET Project Number:	21-83	**Date:**	11/17/21
Site Address:	Bloomington, Indiana	Start Time:	1005
Field Personnel:	Rene Lloyd	End Time:	1010
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Black with white flecks (potting soil)

Site Photo



Notes:

Grab surface sample
Sample was collected from an herbgarden on the northwest side of the house, north of the driveway.

View: To the South

ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-042

Project Name:	BFD Lead Oversight	**Sample Location:**	1815 East Southdowns Drive
VET Project Number:	21-83	**Date:**	11/17/21
Site Address:	Bloomington, Indiana	Start Time:	1035
Field Personnel:	Rene Lloyd	End Time:	1040
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface sample
Sample was collected from the mulched ground surface on the south side of the house.

View: To the East

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-043

Project Name:	BFD Lead Oversight	**Sample Location:**	1809 East Southdowns Drive
VET Project Number:	21-83	**Date:**	11/17/21
Site Address:	Bloomington, Indiana	Start Time:	1047
Field Personnel:	Rene Lloyd	End Time:	1052
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Black with white flecks (potting soil)

Site Photo



Notes:

Grab surface sample
Sample was collected from a garden bed on the south side of the house, along East Southdowns Drive.

View: To the North

ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-044

Project Name:	BFD Lead Oversight	**Sample Location:**	1805 East Southdowns Drive
VET Project Number:	21-83	**Date:**	11/17/21
Site Address:	Bloomington, Indiana	Start Time:	1102
Field Personnel:	Rene Lloyd	End Time:	1107
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface sample
Sample was collected from the lawn on the south side of the house, east of the hedgerow along the eastern edge of the driveway.

View: Select

VET
ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-045

Project Name:	BFD Lead Oversight	**Sample Location:**	1213 South High Street
VET Project Number:	21-83	**Date:**	11/17/21
Site Address:	Bloomington, Indiana	Start Time:	1140
Field Personnel:	Rene Lloyd	End Time:	1145
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface sample
Sample was collected from the lawn on the west side of the property, near the west fenceline.

View: To the West

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-046

Project Name:	BFD Lead Oversight	**Sample Location:**	1109 South Longwood Drive
VET Project Number:	21-83	**Date:**	11/17/21
Site Address:	Bloomington, Indiana	Start Time:	1248
Field Personnel:	Rene Lloyd	End Time:	1253
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface sample
Sample was collected from the horseshoe box located on the west side of the house.
VET collected a duplicate sample at this location

View: To the North

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-047

Project Name:	BFD Lead Oversight	**Sample Location:**	1757 East Devon Lane
VET Project Number:	21-83	**Date:**	11/17/21
Site Address:	Bloomington, Indiana	Start Time:	1307
Field Personnel:	Rene Lloyd	End Time:	1312
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface sample
Sample was collected from the lawn on the north side of the house, near a footpath between two patches of groundcover, southwest of a gazebo.

View: To the West

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-048

Project Name:	BFD Lead Oversight	**Sample Location:**	1200 South Longwood Drive
VET Project Number:	21-83	**Date:**	11/17/21
Site Address:	Bloomington, Indiana	Start Time:	1325
Field Personnel:	Rene Lloyd	End Time:	1330
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface sample
Sample was collected from the lawn on the east side of the house.

View: To the West

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID SS-049

Project Name:	BFD Lead Oversight	**Sample Location:**	1115 South Longwood Drive
VET Project Number:	21-83	**Date:**	11/17/21
Site Address:	Bloomington, Indiana	Start Time:	1345
Field Personnel:	Rene Lloyd	End Time:	1350
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) 6010C	Sample Appearance:	Brown

Site Photo



Notes:

Grab surface sample
Sample was collected from the lawn on the west side of the house, south of the driveway.

View: To the East

VET ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID LS-01

Project Name:	BFD Lead Oversight	**Sample Location:**	1104 South Covenanter Drive
VET Project Number:	21-83	**Date:**	11/15/21
Site Address:	Bloomington, Indiana	Start Time:	1610
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1615
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	Metals (ICP) (6010C)	Sample Appearance:	N/A

Site Photo



Notes:

Leaf sample
Sample was collected in the immediate zone along the edge of the driveway and low-lying areas along East Ruby Lane and East Southdowns Drive.

View: To the South

ENVIRONMENTAL ENGINEERING

General Sampling Log

Sample ID LS-02

Project Name:	BFD Lead Oversight	**Sample Location:**	1928 East Ruby Lane
VET Project Number:	21-83	**Date:**	11/16/21
Site Address:	Bloomington, Indiana	Start Time:	1125
Field Personnel:	Justin Kohl, Rene Lloyd	End Time:	1130
Laboratory:	Eurofins TestAmerica	Level:	N/A
Analytical Method:	TCLP	Sample Appearance:	N/A

Site Photo



Notes:

Leaf sample
Sample was collected along the southern edge of East Ruby Lane

View: To the South

ATTACHMENT 5

EMSL Analytical, Inc.
6340 CastlePlace Dr., Indianapolis, IN 46250
Phone/Fax: (317) 803-2997 / (317) 803-3047
http://www.EMSL.com indianapolislab@emsl.com

EMSL Order:	162126893
CustomerID:	ENVA60
CustomerPO:	
ProjectID:	

Attn: **Tracy Mushen**
Environmental Assurance Company
440 South Hancock Street
Indianapolis, IN 46222

Phone:	(317) 636-8500
Fax:	(317) 636-2164
Received:	11/11/2021 02:32 PM
Collected:	11/9/2021

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	*Collected*	*Analyzed*	*Volume*	*RDL*	*Lead Concentration*
P1 #12	11/9/2021	11/12/2021	840 L	4.8 µg/m³	<4.8 µg/m³
162126893-0001	Site: Personal Jorge/House1 Outside/LBP Clean Up				
P2 #22	11/9/2021	11/12/2021	840 L	4.8 µg/m³	<4.8 µg/m³
162126893-0002	Site: Personal Ariel/House 2 Outside/LBP Clean Up				
P1 #15	11/9/2021	11/12/2021	180 L	22 µg/m³	<22 µg/m³
162126893-0003	Site: Personal Jovanny/House 1 Outside/LBP Clean Up				

Allison Ford

Allison Ford, Chemistry Lab Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = µg/m³ x volume sampled (m³). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AIHA-LAP, LLC-ELLAP Accredited #157245, OH E10040

Initial report from 11/12/2021 14:43:10

OrderID: 162126893

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only: 162126893

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

PHONE: (800) 220-3675
EMAIL: CinnaminsonLeadLab@emsl.com

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	Environmental Assuance LLC	Company Name:	
Contact Name:	Tracy Mushen	Billing Contact:	
Street Address:	440 Hancock St.	Street Address:	
City, State, Zip:	Indianapolis, IN 46222	City, State, Zip:	
Country:		Country:	
Phone:	317-636-8500	Phone:	
Email(s) for Report:	admin@eaciusa.com	Email(s) for Invoice:	

Project Information

Project Name/No:		Purchase Order:
EMSL LIMS Project ID: (If applicable, EMSL will provide)	US State where samples collected:	State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
Sampled By Name:	Sampled By Signature:	No. of Samples in Shipment

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 32 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS ☐ % by wt. ☐ ppm (mg/kg) ☐ mg/cm²	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	☑
*Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	☐
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	☐
WIPE ☐ ASTM ☐ NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	☐
*If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D*	ICP-OES	1.0µg/wipe	☐
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☐ PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	☐
Drinking Water	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☐ PH<2	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☐
Other:				☐

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
P1	House Outside	840	11-9-21
P2	"	840	"

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by: Colleen Wagner	Date/Time: 11-11-21	Received by: Molly Worley	Date/Time 11/11/21 2:14pm CR
Relinquished by:	Date/Time:	Received by:	Date/Time

1 of 3

Controlled Document - COC-25 Lead R16 4/19/2021

*6010C Available Upon Request

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and ack[illegible]ons by Customer.

AIR SAMPLING DATA

- INSTRUCTIONS TO LAB -
PLEASE ANALYZE USING NIOSH 7400
METHOD UNLESS SPECIFIED OTHERWISE

CONTRACT NAME 162126893

OTHER:

LOCATION Bloomington (City) IN (State)

SEND WRITTEN REPORT TO: E.A.C.I

CO. JOB NO. 221-IN-334

DATE 11/9/21 COLLECTED BY Erik Hernandez

ATTN: Mike Kirkman

1	2	3	4	5	6	7	8	9	10	11	12
Sample I.D. Code	Pump I.D. Nos.	Sample Description Type/Location/Activity If Personal - Need Name	Sampling Period			Pump Flow Rates l/m			Sample Volume	Lab Results	
			Start	Stop	Total Min.	Start	Stop	Avg.	Total Min. x Average Flow Rate	Fibers per Fields	f/cc of air
P1	#12	Personal / House 1 / LBP Jorge / outside / Clean-up	9:30 AM	5:30 PM	420	2	2	2	840		
P2	#22	Personal / House 2 / LBP Ariel / outside / Clean-up	9:30 AM	5:30 PM	420	2	2	2	840		

COMMENTS: Average flow rate is sum of start and stop flow rates divided by 2.
"Fibers per field" should be entered by Lab as follows: for 5 fibers per 100 fields - 5/100
for 100 fibers per 50 fields - 100/50
The space below should be used for additional comments and 8 hr. TWA determinatiions.

l/m - means liters per minute

WHITE COPY - COMPANY OFFICE
YELLOW COPY - JOB SITE LOG
PINK COPY - OWNER / ARCHITECT
GOLD COPY - LABORATORY

Page 3 Of 4

Page 2 Of 3

OrderID: 162126893

AIR SAMPLING DATA

- INSTRUCTIONS TO LAB -
PLEASE ANALYZE USING NIOSH 7400
METHOD UNLESS SPECIFIED OTHERWISE

CONTRACT NAME 162126893

OTHER:

LOCATION Bloomington (City) IN (State)

SEND WRITTEN REPORT TO: E.A.C.I

CO. JOB NO. 221- IN- 334

DATE 11/9/21 COLLECTED BY Erik Hernandez

ATTN: Mike Kickman

1	2	3	4	5	6	7	8	9	10	11	12
Sample I.D. Code	Pump I.D. Nos.	Sample Description Type/Location/Activity If Personal - Need Name	Sampling Period			Pump Flow Rates l/m			Sample Volume	Lab Results	
			Start	Stop	Total Min.	Start	Stop	Avg.	Total Min. x Average Flow Rate	Fibers per Fields	f/cc of air
P1	#15	Personal Sovanny / House 1 outside / LBP Clean-up	4:00 p.m	5:30 p.m	90	2	2	2	180		

COMMENTS: Average flow rate is sum of start and stop flow rates divided by 2.
"Fibers per field" should be entered by Lab as follows: for 5 fibers per 100 fields - 5/100
for 100 fibers per 50 fields - 100/50
The space below should be used for additional comments and 8 hr. TWA determinations.

ℓ/m - means liters per minute

WHITE COPY - COMPANY OFFICE
YELLOW COPY - JOB SITE LOG
PINK COPY - OWNER / ARCHITECT
GOLD COPY - LABORATORY

Page 4 Of 4
Page 3 Of 3

OrderID: 162126893

EMSL Analytical, Inc.
6340 CastlePlace Dr., Indianapolis, IN 46250
Phone/Fax: (317) 803-2997 / (317) 803-3047
http://www.EMSL.com indianapolislab@emsl.com

EMSL Order:	162127325
CustomerID:	ENVA60
CustomerPO:	
ProjectID:	

Attn: **Tracy Mushen**
Environmental Assurance Company
440 South Hancock Street
Indianapolis, IN 46222

Phone:	(317) 636-8500
Fax:	(317) 636-2164
Received:	11/16/2021 02:18 PM
Collected:	11/11/2021

Project: **221IN-334**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	Collected	Analyzed	Volume	RDL	Lead Concentration
P1 #2	11/11/2021	11/17/2021	1020 L	3.9 µg/m³	<3.9 µg/m³
162127325-0001	Site: Outside House				
P2 #22	11/11/2021	11/17/2021	1020 L	3.9 µg/m³	<3.9 µg/m³
162127325-0002	Site: Outside House				
P1 #22	11/11/2021	11/17/2021	1020 L	3.9 µg/m³	<3.9 µg/m³
162127325-0003	Site: Outside House				
P2 #2	11/11/2021	11/17/2021	1020 L	3.9 µg/m³	<3.9 µg/m³
162127325-0004	Site: Outside House				

Allison Ford

Allison Ford, Chemistry Lab Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = µg/m³ x volume sampled (m³). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AIHA-LAP, LLC-ELLAP Accredited #157245, OH E10040

Initial report from 11/17/2021 16:43:55

OrderID: 162127325

EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Microbiology Chain of Custody Form

EMSL Order Number / Lab Use Only

162127325

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

PHONE: (800) 220-3675
EMAIL: CinnMicroLab@emsl.com

If Bill-To is the same as Report-To leave this section blank. Third-party billing requires written authorization.

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	Environmental Assurance Company	Company Name:	
Contact Name:	Tracy Mushen	Billing Contact:	
Street Address:	440 South Hancock	Street Address:	
City, State, Zip:	Indianapolis, IN 46222	City, State, Zip:	
Country:		Country:	
Phone:	317-636-5800	Phone:	
Email(s) for Report:	admin@eaciusa.com	Email(s) for Invoice:	

Project Information

Project Name/No: 221IN-334		Purchase Order:
EMSL LIMS Project ID: (If applicable, EMSL will provide)	State Samples Collected: / Zip Code Samples Collected::	State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-taxable)
Sampled By Name:	Sampled By Signature:	No. of Samples in Shipment

Sterile, Sodium Thiosulfate Preserved Bottle Used: ☐ **Biocide Used in Source (specify)**

Public Water Supply Samples: ☐ **Note: All results may automatically be reported to DOH if required by State.**

Turn-Around-Time (TAT) Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 32* Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

MICROBIOLOGY TEST CODES

M001 Air-O-Cell	**M012** *Pseudomonas aeruginosa* (P/A***)	**M115** Sewage Screen - Water (P/A***)
M174 MoldSnap	**M024** *Pseudomonas aeruginosa* (MFT*)	**M116** Sewage Screen - Water (MPN**)
M030 Micro 5	**M015** Heterotrophic Plate Count	**M117** Sewage Screen - Swab (P/A***)
M032 Allergenco-D	**M017** Total Coliform & *E. Coli* (Colilert P/A***)	**M013** Sewage Screen - Swab (MFT*)
M041 Fungal Direct Examination	**M018** Total Coliform & *E. Coli* (MFT*)	**M730** *Methicillin-resistant Staph, aureus* (MRSA)
M169 Pollen ID & Enumeration	**M114** Total Coliform & *E. Coli Enumeration (Colilert MPN**)*	**M031** Rapid-growing non-TB *Mycobacteria* Detection & Enumeration
M280 Dust Characterization Level-1	**M019** Fecal Coliform (MFT*)	
M281 *Dust* Characterization Level-2	**M020** Fecal *Streptococcus* (MFT*)	**M014** Endotoxin Analysis
M005 Viable Fungi-Air Samples (Genus ID & Count)	**M029** *Enterococci* (MFT*)	**M044** Group Allergen (Cat, Dog, Cockroach, Dust Mite)
M006 Viable Fungi-Air Samples (Includes *Penicillum, Aspergillus, Cladosporium, Stachybotrys* Species ID & Count)	**M129** *Enterococci* (Enterolert P/A***)	**M095** Bacteroides
M007 Culturable Fungi-Surface Samples (Genus ID & Count)	**M180** Real Time qPCR-ERMI 36 Panel	**Other** - See Analytical Price Guide for Test Code
M008 Culturable Fungi-Surface Samples (Includes *Penicillum, Aspergillus, Cladosporium, Stachybotrys* Species ID & Count)	**M025** Sewage Screen - Water (MFT*)	***Legionella Analysis*** Please use EMSL *Legionella* COC
M009 Bacteria Culture Gram Stain & Count	*MFT= Membrane Filtration Technique	
M010 Bacteria Count & ID - 3 Most Prominent	**MPN = Most Probable Number	
M011 Bacteria Count & ID - 5 Most Prominent	***P/A = Presence/Absence	

Sample #	Sample Location/Description	Sample Type (Matrix)	Potable / Non-Potable (Only for Water)	Test Code	Volume/Area	Date / Time Collected	Temperature (Lab Use Only)
Example: Sample 1	Kitchen	Water	Potable	M017	1,000 ml	1/1/2021 3:30pm	
P1 #2	outside house				1020	9-5p 11/11	
P2 #22	outside house				1020	9-5 11/11	
P1 #22	outside house				1020	9-5 11/12	
P2 #2	outside house				1020	9/5 11/12	

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by: Colleen Wagner	Date/Time: 11/17/21	Received by: Molley Worley	Date/Time 11/16/21 2:18pm CR
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - COC-34 Micro R13 03/02/2021

☐ **AGREE TO ELECTRONIC SIGNATURE** (By checking, I consent to signing this Chain of Custody document by electronic signature.) 1 of 2

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

AIR SAMPLING DATA

#162127325

- INSTRUCTIONS TO LAB -
PLEASE ANALYZE USING NIOSH 7400
METHOD UNLESS SPECIFIED OTHERWISE

CONTRACT NAME City of Bloomington

LOCATION Bloomington (City) IN (State)

CO. JOB NO. 221-IN-334

DATE 11/11/21 COLLECTED BY Erik Hernandez

OTHER:

SEND WRITTEN REPORT TO: E.A.C.I

ATTN: Mike Kirkman.

1	2	3	4	5	6	7	8	9	10	11	12
Sample I.D. Code	Pump I.D. Nos.	Sample Description Type/Location/Activity If Personal - Need Name	Sampling Period			Pump Flow Rates l/m			Sample Volume	Lab Results	
			Start	Stop	Total Min.	Start	Stop	Avg.	Total Min. x Average Flow Rate	Fibers per Fields	f/cc of air
P1	#2	Personal Esmeralda / Outside Houses / LBP Clean-up	9:00 A.M	5:30 P.M	510	2	2	2	1020		
P2	#22	Personal Ariel / Outside Houses / LBP Clean-up	9:00 A.M	5:30 P.M	510	2	2	2	1020		

COMMENTS: Average flow rate is sum of start and stop flow rates divided by 2.
"Fibers per field" should be entered by Lab as follows: for 5 fibers per 100 fields - 5/100
for 100 fibers per 50 fields - 100/50
The space below should be used for additional comments and 8 hr. TWA determinatiions.

ℓ/m - means liters per minute

WHITE COPY - COMPANY OFFICE
YELLOW COPY - JOB SITE LOG
PINK COPY - OWNER / ARCHITECT
GOLD COPY - LABORATORY

Page 3 Of 4
Page 2 Of 3

OrderID: 162127325

AIR SAMPLING DATA

#162127325

- INSTRUCTIONS TO LAB -
PLEASE ANALYZE USING NIOSH 7400
METHOD UNLESS SPECIFIED OTHERWISE

CONTRACT NAME City of Bloomington

LOCATION Bloomington (City) IN (State)

CO. JOB NO. 221-IN-324

DATE 11/12/21 COLLECTED BY

OTHER:

SEND WRITTEN REPORT TO: E.A.C.I

ATTN: Mike Kirkman

1	2	3	4	5	6	7	8	9	10	11	12
Sample I.D. Code	Pump I.D. Nos.	Sample Description Type/Location/Activity If Personal - Need Name	Sampling Period			Pump Flow Rates l/m			Sample Volume	Lab Results	
			Start	Stop	Total Min.	Start	Stop	Avg.	Total Min. x Average Flow Rate	Fibers per Fields	f/cc of air
P1	#22	Personal/House Outside/LBP Clean-up	9:00 A.M	5:30 P.M	510	2	2	2	1020		
P2	#2	Personal/House Outside/LBP Clean-up	9:00 A.M	5:30 P.M	510	2	2	2	1,020		

COMMENTS: Average flow rate is sum of start and stop flow rates divided by 2.
"Fibers per field" should be entered by Lab as follows: for 5 fibers per 100 fields - 5/100
for 100 fibers per 50 fields - 100/50
The space below should be used for additional comments and 8 hr. TWA determinatiions.

l/m - means liters per minute

WHITE COPY - COMPANY OFFICE
YELLOW COPY - JOB SITE LOG
PINK COPY - OWNER / ARCHITECT
GOLD COPY - LABORATORY

Page 4 Of 4

Page 3 Of 3

OrderID: 162127325

EMSL Analytical, Inc.
6340 CastlePlace Dr., Indianapolis, IN 46250
Phone/Fax: (317) 803-2997 / (317) 803-3047
http://www.EMSL.com indianapolislab@emsl.com

EMSL Order:	162127051
CustomerID:	FLDS78
CustomerPO:	
ProjectID:	

Attn: **Rene Lloyd**
VET Environmental Engineering, LLC
2335 West Fountain Drive
Suite B
Bloomington, IN 47404

Phone:	(812) 333-5333
Fax:	
Received:	11/12/2021 01:39 PM
Collected:	11/9/2021

Project: **BFD Lead Oversight**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	Collected	Analyzed	Volume	RDL	Lead Concentration
1015 C	11/9/2021	11/12/2021	125 L	32 µg/m³	<32 µg/m³
162127051-0001	Site: 1015 S. Covenanter Drive				
A001	11/9/2021	11/12/2021	1060 L	3.8 µg/m³	<3.8 µg/m³
162127051-0002	Site: 1104 S. Covenanter Drive				
A002	11/9/2021	11/12/2021	900 L	4.4 µg/m³	<4.4 µg/m³
162127051-0003	Site: 1015 S. Covenanter Drive				

Allison Ford

Allison Ford, Chemistry Lab Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = µg/m³ x volume sampled (m³). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AIHA-LAP, LLC-ELLAP Accredited #157245, OH E10040

Initial report from 11/15/2021 09:48:14

OrderID: 162127051

Lead Chain of Custody

EMSL Order Number / Lab Use Only: 162127051

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
6340 Castleplace Dr.
Indianapolis, IN 46250
PHONE: (317) 803-2997
EMAIL: indianapolislab@emsl.com

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	VET Environmental Engineering, LLC	Company Name:	VET Environmental Engineering, LLC
Contact Name:	Rene Lloyd	Billing Contact:	Rene Lloyd
Street Address:	2335 West Fountain Drive Suite B	Street Address:	2335 West Fountain Drive, Suite B
City, State, Zip:	Bloomington IN 47404	City, State, Zip:	Bloomington IN 47404
Country:	US	Country:	US
Phone:	812-333-5333	Phone:	812-333-5333
Email(s) for Report:	rene@vet-env.com	Email(s) for Invoice:	justin@vet-env.com

Project Information

Project Name/No:	BFD Lead Oversight	Purchase Order:	
EMSL LIMS Project ID: (If applicable, EMSL will provide)		US State where samples collected:	IN
State of Connecticut (CT) must select project location:	☐ Commercial (Taxable) ☐ Residential (Non-Taxable)		
Sampled By Name:	JUSTIN KOHL	Sampled By Signature:	
No. of Samples in Shipment	3		

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 6 Hour ☒ 24 Hour ☐ 32 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS ☐ % by wt. ☐ ppm (mg/kg) ☐ mg/cm²	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	☐
*Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	☐
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	☑
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	☐
WIPE ☐ ASTM ☐ NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	☐
*If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D*	ICP-OES	1.0µg/wipe	☐
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☐ PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	☐
Drinking Water	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☐ PH<2	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☐
Other:				☐

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
1015C	1015 S. Covenanter Drive	125L	11/9/21 1715/1740
A001	1104 S. Covenanter Drive	1,060L	11/10/21 0930/1355
A002	1015 S. Covenanter Drive	900L	11/10/21 0949/1049

Method of Shipment:

Sample Condition Upon Receipt:

Relinquished by:	Date/Time: 11/10/21 1700	Received by:	Date/Time 11/12/21 1150AM
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - COC-25 Lead R16 4/19/2021

*6010C Available Upon Request

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgement of all terms and conditions by Customer.

EMSL Analytical, Inc.
6340 CastlePlace Dr., Indianapolis, IN 46250
Phone/Fax: (317) 803-2997 / (317) 803-3047
http://www.EMSL.com indianapolislab@emsl.com

EMSL Order:	162127198
CustomerID:	FLDS78
CustomerPO:	
ProjectID:	

Attn: **Rene Lloyd**
VET Environmental Engineering, LLC
2335 West Fountain Drive
Suite B
Bloomington, IN 47404

Phone: (812) 333-5333
Fax:
Received: 11/15/2021 01:39 PM
Collected: 11/11/2021

Project: **BFD Lead Oversight**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	Collected	Analyzed	Volume	RDL	Lead Concentration
A003 *162127198-0001*	11/11/2021 Site: 1916 E. Ruby Ln	11/15/2021	276 L	14 µg/m³	<14 µg/m³
A004 *162127198-0002*	11/11/2021 Site: E. Ruby Ln	11/15/2021	592 L	6.8 µg/m³	<6.8 µg/m³
A005 *162127198-0003*	11/11/2021 Site: 1100 S. Nancy/1804 E Ruby	11/15/2021	250 L	16 µg/m³	<16 µg/m³
A006 *162127198-0004*	11/11/2021 Site: 1717 E. Circle Ln	11/15/2021	632 L	6.3 µg/m³	<6.3 µg/m³
A007 *162127198-0005*	11/11/2021 Site: 1601 E. Ruby Ln	11/15/2021	864 L	4.6 µg/m³	<4.6 µg/m³
A008 *162127198-0006*	11/11/2021 Site: Blank	11/15/2021	N/A	4.0 µg/filter	<4.0 µg/filter
A009 *162127198-0007*	11/11/2021 Site: Blank	11/15/2021	N/A	4.0 µg/filter	<4.0 µg/filter

Aleksandrea Kuchenbrod

Aleksandrea Kuchenbrod, Inorganic Chemisry
Lab Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = µg/m³ x volume sampled (m³). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AIHA-LAP, LLC-ELLAP Accredited #157245, OH E10040

Initial report from 11/16/2021 09:09:16

OrderID: 162127198

Lead Chain of Custody

EMSL Order Number / Lab Use Only: 162127198

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
6340 Castleplace Dr.
Indianapolis, IN 46250
PHONE: (317) 803-2997
EMAIL: indianapolislab@emsl.com

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	VET Environmental Engineering, LLC	Company Name:	VET Environmental Engineering, LLC
Contact Name:	Rene Lloyd	Billing Contact:	Rene Lloyd
Street Address:	2335 West Fountain Drive Suite B	Street Address:	2335 West Fountain Drive, Suite B
City, State, Zip:	Bloomington IN 47404	City, State, Zip:	Bloomington IN 47404
Country:	US	Country:	US
Phone:	812-333-5333	Phone:	812-333-5333
Email(s) for Report:	rene@vet-env.com	Email(s) for Invoice:	justin@vet-env.com

Project Information

Project Name/No:	BFD Lead Oversight	Purchase Order:	
EMSL LIMS Project ID: (If applicable, EMSL will provide)		US State where samples collected:	IN
State of Connecticut (CT) must select project location:	☐ Commercial (Taxable) ☐ Residential (Non-Taxable)		
Sampled By Name:	JUSTIN KOHL	Sampled By Signature:	
No. of Samples in Shipment			

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 32 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS ☐ % by wt. ☐ ppm (mg/kg) ☐ mg/cm²	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	☐
*Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	☐
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	☑
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	☐
WIPE ☐ ASTM ☐ NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	☐
*If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D*	ICP-OES	1.0µg/wipe	☐
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☐ PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	☐
Drinking Water	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☐ PH<2	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☐
Other:				☐

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
A003	1916 E. Ruby Ln	276 L	11/11/21 0840-1058
A004	E. Ruby Ln	592 L	11/11/21 0832-1328
A005	1100 S. Nancy / 1804 E. Ruby	338 L	11/11/21 1551-1720
A006	1717 E. Circle Ln	632 L	11/12/21 0823-1339
A007	1601 E. Ruby Ln	864 L	11/12/21 0827-1539

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by: JUSTIN KOHL	Date/Time: 11/12/21 1500	Received by: Molly Worley	Date/Time: 11/15/21 1:39pm CST
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - COC-25 Lead R16 4/19/2021

*6010C Available Upon Request

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OrderID: 162127198

EMSL ANALYTICAL, INC.
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Lead Chain of Custody

EMSL Order Number / Lab Use Only

162127198

EMSL Analytical, Inc.
6340 Castleplace Dr.

Indianapolis, IN 46250
PHONE: (317) 803-2997
EMAIL: indianapolislab@emsl.com

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
BLANK	—	—	—
BLANK	—	—	—

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - COC-25 Lead R16 4/19/2021

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6340 CastlePlace Dr., Indianapolis, IN 46250
Phone/Fax: (317) 803-2997 / (317) 803-3047
http://www.EMSL.com indianapolislab@emsl.com

EMSL Order:	162127390
CustomerID:	FLDS78
CustomerPO:	
ProjectID:	

Attn: **Rene Lloyd**
VET Environmental Engineering, LLC
2335 West Fountain Drive
Suite B
Bloomington, IN 47404

Phone:	(812) 333-5333
Fax:	
Received:	11/17/2021 11:48 AM
Collected:	11/15/2021

Project: **BFD-Lead Oversight**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	Collected	Analyzed	Volume	RDL	Lead Concentration
A008	11/15/2021	11/17/2021	650 L	6.2 µg/m³	<6.2 µg/m³
162127390-0001	Site: 2001 E. Marilyn				
A009	11/15/2021	11/17/2021	356 L	11 µg/m³	<11 µg/m³
162127390-0002	Site: 1904 E. Southdowns				
Blank	11/15/2021	11/17/2021	N/A	4.0 µg/filter	<4.0 µg/filter
162127390-0003	Site: Blank				
Blank	11/15/2021	11/17/2021	N/A	4.0 µg/filter	<4.0 µg/filter
162127390-0004	Site: Blank				

Allison Ford

Allison Ford, Chemistry Lab Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AIHA-LAP, LLC-ELLAP Accredited #157245, OH E10040

Initial report from 11/18/2021 09:36:14

OrderID: 162127390

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only: 162127390

EMSL Analytical, Inc.
6340 Castleplace Dr.
Indianapolis, IN 46250
PHONE: (317) 803-2997
EMAIL: indianapolislab@emsl.com

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	VET Environmental Engineering, LLC	Company Name:	VET Environmental Engineering, LLC
Contact Name:	Rene Lloyd	Billing Contact:	Rene Lloyd
Street Address:	2335 West Fountain Drive Suite B	Street Address:	2335 West Fountain Drive, Suite B
City, State, Zip:	Bloomington IN 47404	City, State, Zip:	Bloomington IN 47404
Country:	US	Country:	US
Phone:	812-333-5333	Phone:	812-333-5333
Email(s) for Report:	rene@vet-env.com	Email(s) for Invoice:	justin@vet-env.com

Project Information

Project Name/No: BFD - Lead Oversight
Purchase Order:
EMSL LIMS Project ID: (If applicable, EMSL will provide)
US State where samples collected: IN
State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
Sampled By Name: Rene Lloyd
Sampled By Signature:
No. of Samples in Shipment: 4

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 32 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS ☐ % by wt. ☐ ppm (mg/kg) ☐ mg/cm²	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	☐
*Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	☐
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	☑
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	☐
WIPE ☐ ASTM ☐ NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	☐
*If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D*	ICP-OES	1.0µg/wipe	☐
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☐ PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	☐
Drinking Water	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☐ PH<2	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☐
Other:				☐

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
A008	2001 E. Marilyn	650L	11/15/21 / 0815 - 1340
A009	1904 E. Southdowns	356L	11/15/21 / 1402 - 11/15/21
BLANK	—	—	
BLANK	—	—	11/15/21

Method of Shipment:
Sample Condition Upon Receipt:

Relinquished by: Rene Lloyd	Date/Time: 11/15/21 1900	Received by:	Date/Time: 11/17/21 1145am USM
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - COC-25 Lead R16 4/19/2021

*6010C Available Upon Request

☐ **AGREE TO ELECTRONIC SIGNATURE** (By checking, I consent to signing this Chain of Custody document by electronic signature.)

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EMSL Analytical, Inc.
6340 CastlePlace Dr., Indianapolis, IN 46250
Phone/Fax: (317) 803-2997 / (317) 803-3047
http://www.EMSL.com indianapolislab@emsl.com

EMSL Order:	162127505
CustomerID:	FLDS78
CustomerPO:	
ProjectID:	

Attn: **Rene Lloyd**
VET Environmental Engineering, LLC
2335 West Fountain Drive
Suite B
Bloomington, IN 47404

Phone:	(812) 333-5333
Fax:	
Received:	11/18/2021 09:55 AM
Collected:	11/16/2021

Project: **21-83 BFD Lead Oversight**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	Collected	Analyzed	Volume	RDL	Lead Concentration
A010	11/16/2021	11/18/2021	1246 L	3.2 µg/m³	<3.2 µg/m³
162127505-0001	Site: 1904 E. South Downs				
A011	11/16/2021	11/18/2021	430 L	9.3 µg/m³	<9.3 µg/m³
162127505-0002	Site: 1213 S. High Street				
Blank	11/16/2021	11/18/2021	N/A	4.0 µg/filter	<4.0 µg/filter
162127505-0003	Site: Blank				
Blank	11/16/2021	11/18/2021	N/A	4.0 µg/filter	<4.0 µg/filter
162127505-0004	Site: Blank				

Allison Ford

Allison Ford, Chemistry Lab Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. Analysis following Lead in Air by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 4 µg/filter. ug/filter = µg/m³ x volume sampled (m³). OSHA PEL - 50 µg/m³. OSHA action level - 30 µg/m³. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AIHA-LAP, LLC-ELLAP Accredited #157245, OH E10040

Initial report from 11/19/2021 08:21:51

OrderID: 162127505

Lead Chain of Custody

EMSL Order Number / Lab Use Only: 162127505

EMSL Analytical, Inc.
6340 Castleplace Dr.
Indianapolis, IN 46250
PHONE: (317) 803-2997
EMAIL: indianapolislab@emsl.com

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	VET Environmental Engineering, LLC	Company Name:	VET Environmental Engineering, LLC
Contact Name:	Rene Lloyd	Billing Contact:	Rene Lloyd
Street Address:	2335 West Fountain Drive Suite B	Street Address:	2335 West Fountain Drive, Suite B
City, State, Zip:	Bloomington IN 47404	City, State, Zip:	Bloomington IN 47404
Country:	US	Country:	US
Phone:	812-333-5333	Phone:	812-333-5333
Email(s) for Report:	rene@vet-env.com	Email(s) for Invoice:	justin@vet-env.com

Project Information

Project Name/No.: 21-83 BFD Lead Oversight
Purchase Order:
EMSL LIMS Project ID: (If applicable, EMSL will provide)
US State where samples collected: IN
State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-Taxable)
Sampled By Name: JUSTIN KOHL
Sampled By Signature:
No. of Samples in Shipment: 4

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 32 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS ☐ % by wt. ☐ ppm (mg/kg) ☐ mg/cm²	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	☐
*Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	☐
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	☑
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	☐
WIPE ☐ ASTM ☐ NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	☐
*If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D*	ICP-OES	1.0µg/wipe	☐
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☐ PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	☐
Drinking Water	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☐ PH<2	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☐
Other:				☐

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
A010	1904 E. Southdowns	1246L	11/16/21 0806-1429
A011	1213½ High Street	430L	11/16/21 1422-1637
Blank	—	—	— 11/16/21 —
Blank	—	—	— 11/16/21 —

Method of Shipment:
Sample Condition Upon Receipt:

Relinquished by:	Date/Time:	Received by:	Date/Time
JUSTIN KOHL	11/16/21 1900		11/18/21 955am USM
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - COC-25 Lead R16 4/19/2021

*6010C Available Upon Request

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EMSL Analytical, Inc.
6340 CastlePlace Dr., Indianapolis, IN 46250
Phone/Fax: (317) 803-2997 / (317) 803-3047
http://www.EMSL.com indianapolislab@emsl.com

EMSL Order:	162127508
CustomerID:	FLDS78
CustomerPO:	
ProjectID:	

Attn: **Rene Lloyd**
VET Environmental Engineering, LLC
2335 West Fountain Drive
Suite B
Bloomington, IN 47404

Phone:	(812) 333-5333
Fax:	
Received:	11/18/2021 09:55 AM
Collected:	11/17/2021

Project: **21-83 BFD Lead Oversight**

Test Report: Lead in Air by Flame AAS (NIOSH 7082)*

Client SampleDescription	Collected	Analyzed	Volume	RDL	Lead Concentration
A012 *162127508-0001*	11/17/2021 Site: 1213 S. High Street	11/18/2021	362 L	11 µg/m³	<11 µg/m³
Blank *162127508-0002*	11/17/2021	11/18/2021	N/A	4.0 µg/filter	<4.0 µg/filter
Blank *162127508-0003*	11/17/2021	11/18/2021	N/A	4.0 µg/filter	<4.0 µg/filter

Allison Ford

Allison Ford, Chemistry Lab Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AIHA-LAP, LLC-ELLAP Accredited #157245, OH E10040

Initial report from 11/19/2021 08:24:54

OrderID: 162127508

EMSL ANALYTICAL, INC.
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Lead Chain of Custody

EMSL Order Number / Lab Use Only: 162127508

EMSL Analytical, Inc.
6340 Castleplace Dr.
Indianapolis, IN 46250
PHONE: (317) 803-2997
EMAIL: indianapolislab@emsl.com

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	VET Environmental Engineering, LLC	Company Name:	VET Environmental Engineering, LLC
Contact Name:	Rene Lloyd	Billing Contact:	Rene Lloyd
Street Address:	2335 West Fountain Drive Suite B	Street Address:	2335 West Fountain Drive, Suite B
City, State, Zip:	Bloomington IN 47404	City, State, Zip:	Bloomington IN 47404
Country:	US	Country:	US
Phone:	812-333-5333	Phone:	812-333-5333
Email(s) for Report:	rene@vet-env.com	Email(s) for Invoice:	justin@vet-env.com

Project Information

Project Name/No:	21-83 BFD Lead Oversight	Purchase Order:	
EMSL LIMS Project ID: (If applicable, EMSL will provide)		US State where samples collected:	IN
State of Connecticut (CT) must select project location:	☐ Commercial (Taxable) ☐ Residential (Non-Taxable)		
Sampled By Name:	Rene Lloyd	Sampled By Signature:	
No. of Samples in Shipment	3		

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 6 Hour ☑ 24 Hour ☐ 32 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS ☐ % by wt. ☐ ppm (mg/kg) ☐ mg/cm²	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	☐
*Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	☐
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	☑
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	☐
WIPE ☐ ASTM ☐ NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	☐
*If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D*	ICP-OES	1.0µg/wipe	☐
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
Unpreserved / Preserved with HNO3 ☐ PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	☐
Drinking Water	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
Unpreserved / Preserved with HNO3 ☐ PH<2	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☐
Other:				☐

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
A012	1213 S. High Street	362L	11/17/21 / 0826 - 1127
BLANK	—	—	11/17/21 / —
BLANK	—	—	11/17/21 / —

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by: Rene Lloyd	Date/Time: 11/17/21 1900	Received by:	Date/Time: 11/18/21 955am USM
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - COC-25 Lead R16 4/19/2021

*6010C Available Upon Request

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EMSL Analytical, Inc.
6340 CastlePlace Dr., Indianapolis, IN 46250
Phone/Fax: (317) 803-2997 / (317) 803-3047
http://www.EMSL.com indianapolislab@emsl.com

EMSL Order:	162127075
CustomerID:	FLDS78
CustomerPO:	
ProjectID:	

Attn: **Rene Lloyd**
VET Environmental Engineering, LLC
2335 West Fountain Drive
Suite B
Bloomington, IN 47404

Phone: (812) 333-5333
Fax:
Received: 11/12/2021 01:15 PM
Collected: 11/10/2021

Project: **BFD Lead Oversight**

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

Client SampleDescription	Collected	Analyzed	Weight	RDL	Lead Concentration
S001	11/10/2021	11/18/2021	1.0027 g	40 mg/Kg	<40 mg/Kg
162127075-0001	Site: 1015 S. Covenanter				
S002	11/10/2021	11/18/2021	1.0078 g	40 mg/Kg	56 mg/Kg
162127075-0002	Site: 1104 S. Covenanter				
S003	11/10/2021	11/18/2021	1.0036 g	40 mg/Kg	<40 mg/Kg
162127075-0003	Site: 1212 S. High				

Allison Ford

Allison Ford, Chemistry Lab Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AIHA-LAP, LLC-ELLAP 157245, OH E10040

Initial report from 11/19/2021 08:18:50

Lead Chain of Custody

EMSL Order Number / Lab Use Only

EMSL ANALYTICAL, INC.
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EMSL Analytical, Inc.
6340 Castleplace Dr.
Indianapolis, IN 46250
PHONE: (317) 803-2997
EMAIL: indianapolislab@emsl.com

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	VET Environmental Engineering, LLC	Company Name:	VET Environmental Engineering, LLC
Contact Name:	Rene Lloyd	Billing Contact:	Rene Lloyd
Street Address:	2335 West Fountain Drive Suite B	Street Address:	2335 West Fountain Drive, Suite B
City, State, Zip:	Bloomington IN 47404	City, State, Zip:	Bloomington IN 47404
Country:	US	Country:	US
Phone:	812-333-5333	Phone:	812-333-5333
Email(s) for Report:	rene@vet-env.com	Email(s) for Invoice:	justin@vet-env.com

Project Information

Project Name/No:	BFD Lead Oversight	Purchase Order:	
EMSL LIMS Project ID: (If applicable, EMSL will provide)		US State where samples collected:	IN
State of Connecticut (CT) must select project location:	☐ Commercial (Taxable) ☐ Residential (Non-Taxable)		
Sampled By Name:	JUSTIN KOHL	Sampled By Signature:	
No. of Samples in Shipment	3		

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 32 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☒ 1 Week ☐ 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS ☐ % by wt. ☐ ppm (mg/kg) ☐ mg/cm²	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	☐
*Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	☐
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	☐
WIPE ☐ ASTM ☐ NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	☐
*If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D*	ICP-OES	1.0µg/wipe	☐
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	☑
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☐ PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	☐
Drinking Water	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☐ PH<2	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☐
Other:				☐

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
S001	1015 S. Covenanter		11/10/21 1031
S002	1104 S. Covenanter		11/10/21 1137
S003	1212 S. High		11/10/21 1347

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time: 11/10/21 1700	Received by:	Date/Time
Relinquished by:	Date/Time:	Received by:	Date/Time

Controlled Document - COC-25 Lead R16 4/19/2021

*6010C Available Upon Request

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Lead Chain of Custody

EMSL Order Number / Lab Use Only

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
6340 Castleplace Dr.
Indianapolis, IN 46250
PHONE: (317) 803-2997
EMAIL: indianapolislab@emsl.com

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	VET Environmental Engineering, LLC	Company Name:	VET Environmental Engineering, LLC
Contact Name:	Rene Lloyd	Billing Contact:	Rene Lloyd
Street Address:	2335 West Fountain Drive Suite B	Street Address:	2335 West Fountain Drive, Suite B
City, State, Zip:	Bloomington IN 47404	City, State, Zip:	Bloomington IN 47404
Country:	US	Country:	US
Phone:	812-333-5333	Phone:	812-333-5333
Email(s) for Report:	rene@vet-env.com	Email(s) for Invoice:	justin@vet-env.com

Project Information

Project Name/No:	BFD Lead Oversight	Purchase Order:	
EMSL LIMS Project ID: (If applicable, EMSL will provide)		US State where samples collected:	IN
State of Connecticut (CT) must select project location:	☐ Commercial (Taxable) ☐ Residential (Non-Taxable)		
Sampled By Name:	JUSTIN KOHL	Sampled By Signature:	
No. of Samples in Shipment	3		

Turn-Around-Time (TAT)

☐ 3 Hour ☐ 6 Hour ☒ 24 Hour ☐ 32 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS ☐ % by wt. ☐ ppm (mg/kg) ☐ mg/cm²	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	☐
*Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	☐
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	☑
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	☐
WIPE ☐ ASTM ☐ NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	☐
*If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D*	ICP-OES	1.0µg/wipe	☐
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☐ PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	☐
Drinking Water	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
Unpreserved ☐ / Preserved with HNO3 ☐ PH<2	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☐
Other:				☐

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
1015C	1015 S. Covenanter Drive	125L	11/9/21 1715/1740
A001	1104 S. Covenanter Drive	1,060L	11/10/21 0930/1355
A002	1015 S. Covenanter Drive	900L	11/10/21 0949/1049

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time: 11/10/21 1700	Received by:	Date/Time
Relinquished by:	Date/Time:	Received by:	Date/Time

*6010C Available Upon Request

☐ **AGREE TO ELECTRONIC SIGNATURE** (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

ANALYTICAL REPORT

Job Number: 500-208392-1

Job Description: BFD - Lead - 111221

For:
VET Environmental Engineering, LLC
2335 W. Fountain Drive
Bloomington, IN 47404

Attention: Ms. Sara R Hamidovic

Approved for release.
Robin M Kintz
Project Manager II
11/22/2021 10:54 AM

Robin M Kintz, Project Manager II
2417 Bond Street, University Park, IL, 60484
(708)534-5200
Robin.Kintz@Eurofinset.com
11/22/2021

All questions regarding this test report should be directed to the TestAmerica Project Manager whose signature appears on this report. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
500-208392-1

Comments
No additional comments.

Receipt
The samples were received on 11/13/2021 9:50 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.1º C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: VET Environmental Engineering, LLC
Project/Site: BFD - Lead - 111221

Job ID: 500-208392-1

Client Sample ID: SS-001 — Lab Sample ID: 500-208392-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	37		0.69		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-002 — Lab Sample ID: 500-208392-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	28		0.73		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-003 — Lab Sample ID: 500-208392-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	15		0.63		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-004 — Lab Sample ID: 500-208392-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	23		0.62		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-005 — Lab Sample ID: 500-208392-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	22		0.73		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-006 — Lab Sample ID: 500-208392-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	130		0.69		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-007 — Lab Sample ID: 500-208392-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	18		0.72		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-008 — Lab Sample ID: 500-208392-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.5		0.54		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-009 — Lab Sample ID: 500-208392-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.4		1.2		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: DUP-1 — Lab Sample ID: 500-208392-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	140		1.3		mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208392-1
Project/Site: BFD - Lead - 111221

Client Sample ID: SS-001
Lab Sample ID: 500-208392-1
Date Collected: 11/12/21 08:55
Matrix: Solid
Date Received: 11/13/21 09:50
Percent Solids: 68.6

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	37		0.69		mg/Kg	☼	11/19/21 02:04	11/19/21 21:37	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208392-1
Project/Site: BFD - Lead - 111221

Client Sample ID: SS-002
Lab Sample ID: 500-208392-2
Date Collected: 11/12/21 09:07
Matrix: Solid
Date Received: 11/13/21 09:50
Percent Solids: 68.1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	28		0.73		mg/Kg	☼	11/19/21 02:04	11/19/21 21:53	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208392-1
Project/Site: BFD - Lead - 111221

Client Sample ID: SS-003
Lab Sample ID: 500-208392-3
Date Collected: 11/12/21 09:16
Matrix: Solid
Date Received: 11/13/21 09:50
Percent Solids: 69.1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	15		0.63		mg/Kg	☼	11/19/21 02:04	11/19/21 21:56	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208392-1
Project/Site: BFD - Lead - 111221

Client Sample ID: SS-004
Lab Sample ID: 500-208392-4
Date Collected: 11/12/21 09:32
Matrix: Solid
Date Received: 11/13/21 09:50
Percent Solids: 73.0

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	23		0.62		mg/Kg	☼	11/19/21 02:04	11/19/21 21:59	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208392-1
Project/Site: BFD - Lead - 111221

Client Sample ID: SS-005
Lab Sample ID: 500-208392-5
Date Collected: 11/12/21 09:48
Matrix: Solid
Date Received: 11/13/21 09:50
Percent Solids: 65.1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	22		0.73		mg/Kg	☼	11/19/21 02:04	11/19/21 22:09	1

Client Sample ID: SS-006
Lab Sample ID: 500-208392-6
Date Collected: 11/12/21 10:02
Matrix: Solid
Date Received: 11/13/21 09:50
Percent Solids: 67.5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	130		0.69		mg/Kg	☼	11/19/21 02:04	11/19/21 22:12	1

Client Sample ID: SS-007
Lab Sample ID: 500-208392-7
Date Collected: 11/12/21 12:50
Matrix: Solid
Date Received: 11/13/21 09:50
Percent Solids: 61.8

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	18		0.72		mg/Kg	☼	11/19/21 02:04	11/19/21 22:15	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208392-1
Project/Site: BFD - Lead - 111221

Client Sample ID: SS-008
Lab Sample ID: 500-208392-8
Date Collected: 11/12/21 13:04
Matrix: Solid
Date Received: 11/13/21 09:50
Percent Solids: 79.5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.5		0.54		mg/Kg	☼	11/19/21 02:04	11/19/21 22:18	1

Client Sample ID: SS-009
Lab Sample ID: 500-208392-9

Date Collected: 11/12/21 13:45
Matrix: Solid

Date Received: 11/13/21 09:50
Percent Solids: 36.5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.4		1.2		mg/Kg	☼	11/19/21 02:04	11/19/21 22:22	1

Client Sample ID: DUP-1
Lab Sample ID: 500-208392-10

Date Collected: 11/12/21 00:00
Matrix: Solid

Date Received: 11/13/21 09:50
Percent Solids: 37.0

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	140		1.3		mg/Kg	☼	11/19/21 02:04	11/19/21 22:25	1

Default Detection Limits

Client: VET Environmental Engineering, LLC
Project/Site: BFD - Lead - 111221

Job ID: 500-208392-1

Method: 6010C - Metals (ICP)

Prep: 3050B

Analyte	RL	MDL	Units
Lead	0.50	0.23	mg/Kg

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 500-629717/1-A
Matrix: Solid
Analysis Batch: 630217

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629717

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.50		0.50		mg/Kg		11/19/21 02:04	11/19/21 21:31	1

Lab Sample ID: LCS 500-629717/2-A
Matrix: Solid
Analysis Batch: 630217

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629717

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead			10.0	8.88		mg/Kg		89	80 - 120		

Lab Sample ID: 500-208392-1 MS
Matrix: Solid
Analysis Batch: 630217

Client Sample ID: SS-001
Prep Type: Total/NA
Prep Batch: 629717

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead	37		14.2	49.7		mg/Kg	☼	91	75 - 125		

Lab Sample ID: 500-208392-1 MSD
Matrix: Solid
Analysis Batch: 630217

Client Sample ID: SS-001
Prep Type: Total/NA
Prep Batch: 629717

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	37		12.9	47.2		mg/Kg	☼	80	75 - 125	5	20

Lab Sample ID: 500-208392-1 DU
Matrix: Solid
Analysis Batch: 630217

Client Sample ID: SS-001
Prep Type: Total/NA
Prep Batch: 629717

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Lead	37			36.0		mg/Kg	☼			2	20

Metals

Prep Batch: 629717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208392-1	SS-001	Total/NA	Solid	3050B	
500-208392-2	SS-002	Total/NA	Solid	3050B	
500-208392-3	SS-003	Total/NA	Solid	3050B	
500-208392-4	SS-004	Total/NA	Solid	3050B	
500-208392-5	SS-005	Total/NA	Solid	3050B	
500-208392-6	SS-006	Total/NA	Solid	3050B	
500-208392-7	SS-007	Total/NA	Solid	3050B	
500-208392-8	SS-008	Total/NA	Solid	3050B	
500-208392-9	SS-009	Total/NA	Solid	3050B	
500-208392-10	DUP-1	Total/NA	Solid	3050B	
MB 500-629717/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-629717/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-208392-1 MS	SS-001	Total/NA	Solid	3050B	
500-208392-1 MSD	SS-001	Total/NA	Solid	3050B	
500-208392-1 DU	SS-001	Total/NA	Solid	3050B	

Analysis Batch: 630217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208392-1	SS-001	Total/NA	Solid	6010C	629717
500-208392-2	SS-002	Total/NA	Solid	6010C	629717
500-208392-3	SS-003	Total/NA	Solid	6010C	629717
500-208392-4	SS-004	Total/NA	Solid	6010C	629717
500-208392-5	SS-005	Total/NA	Solid	6010C	629717
500-208392-6	SS-006	Total/NA	Solid	6010C	629717
500-208392-7	SS-007	Total/NA	Solid	6010C	629717
500-208392-8	SS-008	Total/NA	Solid	6010C	629717
500-208392-9	SS-009	Total/NA	Solid	6010C	629717
500-208392-10	DUP-1	Total/NA	Solid	6010C	629717
MB 500-629717/1-A	Method Blank	Total/NA	Solid	6010C	629717
LCS 500-629717/2-A	Lab Control Sample	Total/NA	Solid	6010C	629717
500-208392-1 MS	SS-001	Total/NA	Solid	6010C	629717
500-208392-1 MSD	SS-001	Total/NA	Solid	6010C	629717
500-208392-1 DU	SS-001	Total/NA	Solid	6010C	629717

General Chemistry

Analysis Batch: 629668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208392-1	SS-001	Total/NA	Solid	Moisture	
500-208392-2	SS-002	Total/NA	Solid	Moisture	
500-208392-3	SS-003	Total/NA	Solid	Moisture	
500-208392-4	SS-004	Total/NA	Solid	Moisture	
500-208392-5	SS-005	Total/NA	Solid	Moisture	
500-208392-6	SS-006	Total/NA	Solid	Moisture	
500-208392-7	SS-007	Total/NA	Solid	Moisture	
500-208392-8	SS-008	Total/NA	Solid	Moisture	
500-208392-9	SS-009	Total/NA	Solid	Moisture	
500-208392-10	DUP-1	Total/NA	Solid	Moisture	
500-208392-1 DU	SS-001	Total/NA	Solid	Moisture	

Client Sample ID: SS-001
Date Collected: 11/12/21 08:55
Date Received: 11/13/21 09:50

Lab Sample ID: 500-208392-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629668	11/18/21 14:28	LWN	TAL CHI

Client Sample ID: SS-001
Date Collected: 11/12/21 08:55
Date Received: 11/13/21 09:50

Lab Sample ID: 500-208392-1
Matrix: Solid
Percent Solids: 68.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629717	11/19/21 02:04	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 21:37	JJB	TAL CHI

Client Sample ID: SS-002
Date Collected: 11/12/21 09:07
Date Received: 11/13/21 09:50

Lab Sample ID: 500-208392-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629668	11/18/21 14:28	LWN	TAL CHI

Client Sample ID: SS-002
Date Collected: 11/12/21 09:07
Date Received: 11/13/21 09:50

Lab Sample ID: 500-208392-2
Matrix: Solid
Percent Solids: 68.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629717	11/19/21 02:04	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 21:53	JJB	TAL CHI

Client Sample ID: SS-003
Date Collected: 11/12/21 09:16
Date Received: 11/13/21 09:50

Lab Sample ID: 500-208392-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629668	11/18/21 14:28	LWN	TAL CHI

Client Sample ID: SS-003
Date Collected: 11/12/21 09:16
Date Received: 11/13/21 09:50

Lab Sample ID: 500-208392-3
Matrix: Solid
Percent Solids: 69.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629717	11/19/21 02:04	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 21:56	JJB	TAL CHI

Client Sample ID: SS-004
Date Collected: 11/12/21 09:32
Date Received: 11/13/21 09:50

Lab Sample ID: 500-208392-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629668	11/18/21 14:28	LWN	TAL CHI

Client Sample ID: SS-004
Date Collected: 11/12/21 09:32
Date Received: 11/13/21 09:50

Lab Sample ID: 500-208392-4
Matrix: Solid
Percent Solids: 73.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629717	11/19/21 02:04	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 21:59	JJB	TAL CHI

Client Sample ID: SS-005
Date Collected: 11/12/21 09:48
Date Received: 11/13/21 09:50

Lab Sample ID: 500-208392-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629668	11/18/21 14:28	LWN	TAL CHI

Client Sample ID: SS-005
Date Collected: 11/12/21 09:48
Date Received: 11/13/21 09:50

Lab Sample ID: 500-208392-5
Matrix: Solid
Percent Solids: 65.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629717	11/19/21 02:04	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 22:09	JJB	TAL CHI

Client Sample ID: SS-006
Date Collected: 11/12/21 10:02
Date Received: 11/13/21 09:50

Lab Sample ID: 500-208392-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629668	11/18/21 14:28	LWN	TAL CHI

Client Sample ID: SS-006
Date Collected: 11/12/21 10:02
Date Received: 11/13/21 09:50

Lab Sample ID: 500-208392-6
Matrix: Solid
Percent Solids: 67.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629717	11/19/21 02:04	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 22:12	JJB	TAL CHI

Client Sample ID: SS-007
Date Collected: 11/12/21 12:50
Date Received: 11/13/21 09:50

Lab Sample ID: 500-208392-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629668	11/18/21 14:28	LWN	TAL CHI

Lab Chronicle

Client: VET Environmental Engineering, LLC
Project/Site: BFD - Lead - 111221

Job ID: 500-208392-1

Client Sample ID: SS-007
Date Collected: 11/12/21 12:50
Date Received: 11/13/21 09:50

Lab Sample ID: 500-208392-7
Matrix: Solid
Percent Solids: 61.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629717	11/19/21 02:04	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 22:15	JJB	TAL CHI

Client Sample ID: SS-008
Date Collected: 11/12/21 13:04
Date Received: 11/13/21 09:50

Lab Sample ID: 500-208392-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629668	11/18/21 14:28	LWN	TAL CHI

Client Sample ID: SS-008
Date Collected: 11/12/21 13:04
Date Received: 11/13/21 09:50

Lab Sample ID: 500-208392-8
Matrix: Solid
Percent Solids: 79.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629717	11/19/21 02:04	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 22:18	JJB	TAL CHI

Client Sample ID: SS-009
Date Collected: 11/12/21 13:45
Date Received: 11/13/21 09:50

Lab Sample ID: 500-208392-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629668	11/18/21 14:28	LWN	TAL CHI

Client Sample ID: SS-009
Date Collected: 11/12/21 13:45
Date Received: 11/13/21 09:50

Lab Sample ID: 500-208392-9
Matrix: Solid
Percent Solids: 36.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629717	11/19/21 02:04	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 22:22	JJB	TAL CHI

Client Sample ID: DUP-1
Date Collected: 11/12/21 00:00
Date Received: 11/13/21 09:50

Lab Sample ID: 500-208392-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629668	11/18/21 14:28	LWN	TAL CHI

Lab Chronicle

Client: VET Environmental Engineering, LLC
Project/Site: BFD - Lead - 111221

Job ID: 500-208392-1

Client Sample ID: DUP-1
Date Collected: 11/12/21 00:00
Date Received: 11/13/21 09:50

Lab Sample ID: 500-208392-10
Matrix: Solid
Percent Solids: 37.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629717	11/19/21 02:04	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 22:25	JJB	TAL CHI

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: VET Environmental Engineering, LLC
Job ID: 500-208392-1
Project/Site: BFD - Lead - 111221

Laboratory: Eurofins TestAmerica, Chicago

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2903	04-29-22
Georgia	State	N/A	04-29-22
Georgia (DW)	State	939	04-30-21 *
Hawaii	State	NA	04-29-22
Illinois	NELAP	IL00035	04-29-22
Indiana	State	C-IL-02	04-29-22
Iowa	State	082	05-01-22
Kansas	NELAP	E-10161	10-31-22
Kentucky (UST)	State	AI # 108083	04-29-22
Kentucky (WW)	State	KY90023	12-31-21
Louisiana	NELAP	02046	06-30-22
Mississippi	State	NA	04-30-22
North Carolina (WW/SW)	State	291	12-31-21
North Dakota	State	R-194	04-29-22
Oklahoma	State	8908	08-31-22
South Carolina	State	77001003	04-29-22
USDA	US Federal Programs	P330-18-00018	02-11-24
Wisconsin	State	999580010	08-31-22
Wyoming	State	8TMS-Q	04-30-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: VET Environmental Engineering, LLC
Job ID: 500-208392-1
Project/Site: BFD - Lead - 111221

Method	Method Description	Protocol	Laboratory
6010C	Metals (ICP)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
3050B	Preparation, Metals	SW846	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: VET Environmental Engineering, LLC
Project/Site: BFD - Lead - 111221

Job ID: 500-208392-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-208392-1	SS-001	Solid	11/12/21 08:55	11/13/21 09:50
500-208392-2	SS-002	Solid	11/12/21 09:07	11/13/21 09:50
500-208392-3	SS-003	Solid	11/12/21 09:16	11/13/21 09:50
500-208392-4	SS-004	Solid	11/12/21 09:32	11/13/21 09:50
500-208392-5	SS-005	Solid	11/12/21 09:48	11/13/21 09:50
500-208392-6	SS-006	Solid	11/12/21 10:02	11/13/21 09:50
500-208392-7	SS-007	Solid	11/12/21 12:50	11/13/21 09:50
500-208392-8	SS-008	Solid	11/12/21 13:04	11/13/21 09:50
500-208392-9	SS-009	Solid	11/12/21 13:45	11/13/21 09:50
500-208392-10	DUP-1	Solid	11/12/21 00:00	11/13/21 09:50

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
M21EICVIC_00001	02/19/22	05/17/21	acidic water, Lot 261535-275677	1000 mL	M20HSTKIC_00006	8 mL	Lead	0.4 ug/mL
.M20HSTKIC_00006	02/19/22	CPI International, Lot 10096466-3			(Purchased Reagent)		Lead	50 ug/mL
M21EISAIC_00001	03/24/22	05/10/21	acidic water, Lot 261535-275677	1000 mL	M21ESTKIC_00008	100 mL	Al	500 ug/mL
							Ca	500 ug/mL
							Fe	200 ug/mL
							Mg	500 ug/mL
.M21ESTKIC_00008	05/05/22	Inorganic Ventures, Lot P2-MEB688011			(Purchased Reagent)		Al	5000 ug/mL
							Ca	5000 ug/mL
							Fe	2000 ug/mL
							Mg	5000 ug/mL
M21HCRIIC_00002	07/19/22	08/23/21	acidic water, Lot 261535-271303	1000 mL	M21BSTKIC_00004	2 mL	Lead	10 ug/L
.M21BSTKIC_00004	07/19/22	CPI International, Lot 10096346-5			(Purchased Reagent)		Lead	5 ug/mL
M21JCCVIC_00001	06/18/22	10/08/21	acidic water, Lot 261535-275677	1000 mL	M21HSTKMS_00002	5 mL	Lead	0.5 ug/mL
.M21HSTKMS_00002	01/08/23	CPI International, Lot 10096462-15			(Purchased Reagent)		Lead	100 ug/mL
M21JCCVLIC_00002	07/19/22	10/08/21	acidic water, Lot 261535-281827	1000 mL	M21BSTKIC_00004	1 mL	Lead	0.005 ug/mL
.M21BSTKIC_00004	07/19/22	CPI International, Lot 10096346-5			(Purchased Reagent)		Lead	5 ug/mL
M21JISBIC_00001	02/19/22	10/08/21	acidic water, Lot 261535-281827	1000 mL	M20HSTKIC_00005	10 mL	Ag	0.2 ug/mL
							As	0.1 ug/mL
							Ba	0.5 ug/mL
							Be	0.5 ug/mL
							Cd	1 ug/mL
							Co	0.5 ug/mL
							Cr	0.5 ug/mL
							Cu	0.5 ug/mL
							Lead	0.05 ug/mL
							Mn	0.5 ug/mL
							Ni	1 ug/mL
							Sb	0.6 ug/mL
							Se	0.05 ug/mL
							Tl	0.1 ug/mL
							V	0.5 ug/mL
							Zn	1 ug/mL
					M21ESTKIC_00002	100 mL	Al	500 ug/mL
							Ca	500 ug/mL
							Fe	200 ug/mL
							Mg	500 ug/mL
.M20HSTKIC_00005	02/19/22	CPI International, Lot 10096462-9			(Purchased Reagent)		Ag	20 ug/mL
							As	10 ug/mL
							Ba	50 ug/mL
							Be	50 ug/mL
							Cd	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Co	50 ug/mL
							Cr	50 ug/mL
							Cu	50 ug/mL
							Lead	5 ug/mL
							Mn	50 ug/mL
							Ni	100 ug/mL
							Sb	60 ug/mL
							Se	5 ug/mL
							Tl	10 ug/mL
							V	50 ug/mL
							Zn	100 ug/mL
.M21ESTKIC_00002	09/18/22	CPI International, Lot 1102642-1			(Purchased Reagent)		Al	5000 ug/mL
							Ca	5000 ug/mL
							Fe	2000 ug/mL
							Mg	5000 ug/mL
M21JSPKIC_00001	03/24/22	10/05/21	Nitric Acid Water, Lot 261535	500 mL	M20JSTKIC_00003	50 mL	Al	200 ug/mL
							Ba	200 ug/mL
							Ca	1000 ug/mL
							K	1000 ug/mL
							Mg	1000 ug/mL
							Na	1000 ug/mL
					M20JSTKIC_00004	50 mL	As	10 ug/mL
							B	100 ug/mL
							Be	5 ug/mL
							Bi	50 ug/mL
							Cd	5 ug/mL
							Co	50 ug/mL
							Cr	20 ug/mL
							Cu	25 ug/mL
							Fe	100 ug/mL
							Lead	10 ug/mL
							Li	50 ug/mL
							Mn	50 ug/mL
							Ni	50 ug/mL
							Se	10 ug/mL
							Sr	100 ug/mL
							Tl	10 ug/mL
							V	50 ug/mL
							Zn	50 ug/mL
					M20JSTKIC_00005	50 mL	Ag	5 ug/mL
							Mo	100 ug/mL
							Sb	50 ug/mL
							Si	500 ug/mL
							Sn	100 ug/mL
							Ti	100 ug/mL
					M20KSTKIC_00001	4 mL	Lead	10 ug/mL
					M21CSTKIC_00009	3 mL	As	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					M21HSTKIC_00006	4.5 mL	Se	10 ug/mL
					M21HSTKIC_00009	2.5 mL	Tl	10 ug/mL
.M20JSTKIC_00003	03/24/22	CPI International, Lot 10107076-6			(Purchased Reagent)		Al	2000 ug/mL
							Ba	2000 ug/mL
							Ca	10000 ug/mL
							K	10000 ug/mL
							Mg	10000 ug/mL
							Na	10000 ug/mL
.M20JSTKIC_00004	03/24/22	CPI International, Lot 10107076-5			(Purchased Reagent)		As	40 ug/mL
							B	1000 ug/mL
							Be	50 ug/mL
							Bi	500 ug/mL
							Cd	50 ug/mL
							Co	500 ug/mL
							Cr	200 ug/mL
							Cu	250 ug/mL
							Fe	1000 ug/mL
							Lead	20 ug/mL
							Li	500 ug/mL
							Mn	500 ug/mL
							Ni	500 ug/mL
							Se	10 ug/mL
							Sr	1000 ug/mL
							Tl	50 ug/mL
							V	500 ug/mL
							Zn	500 ug/mL
.M20JSTKIC_00005	03/25/22	CPI International, Lot 10107076-4			(Purchased Reagent)		Ag	50 ug/mL
							Mo	1000 ug/mL
							Sb	500 ug/mL
							Si	5000 ug/mL
							Sn	1000 ug/mL
							Ti	1000 ug/mL
.M20KSTKIC_00001	04/12/22	CPI International, Lot 1046594-39			(Purchased Reagent)		Lead	1000 ug/mL
.M21CSTKIC_00009	07/11/22	CPI International, Lot 1034904-107			(Purchased Reagent)		As	1000 ug/mL
.M21HSTKIC_00006	01/22/23	CPI International, Lot 1063158-82			(Purchased Reagent)		Se	1000 ug/mL
.M21HSTKIC_00009	06/12/22	CPI International, Lot 1025512-56			(Purchased Reagent)		Tl	1000 ug/mL

METALS

COVER PAGE
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208392-1

SDG No.:

Project: BFD - Lead - 111221

Client Sample ID	Lab Sample ID
SS-001	500-208392-1
SS-002	500-208392-2
SS-003	500-208392-3
SS-004	500-208392-4
SS-005	500-208392-5
SS-006	500-208392-6
SS-007	500-208392-7
SS-008	500-208392-8
SS-009	500-208392-9
DUP-1	500-208392-10

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-001 Lab Sample ID: 500-208392-1

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG ID.:

Matrix: Solid Date Sampled: 11/12/2021 08:55

Reporting Basis: DRY Date Received: 11/13/2021 09:50

% Solids: 68.6

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	37	0.69		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-002 Lab Sample ID: 500-208392-2

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG ID.:

Matrix: Solid Date Sampled: 11/12/2021 09:07

Reporting Basis: DRY Date Received: 11/13/2021 09:50

% Solids: 68.1

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	28	0.73		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-003 Lab Sample ID: 500-208392-3

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG ID.:

Matrix: Solid Date Sampled: 11/12/2021 09:16

Reporting Basis: DRY Date Received: 11/13/2021 09:50

% Solids: 69.1

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	15	0.63		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-004 Lab Sample ID: 500-208392-4

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG ID.:

Matrix: Solid Date Sampled: 11/12/2021 09:32

Reporting Basis: DRY Date Received: 11/13/2021 09:50

% Solids: 73.0

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	23	0.62		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-005 Lab Sample ID: 500-208392-5

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG ID.:

Matrix: Solid Date Sampled: 11/12/2021 09:48

Reporting Basis: DRY Date Received: 11/13/2021 09:50

% Solids: 65.1

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	22	0.73		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-006 Lab Sample ID: 500-208392-6

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG ID.:

Matrix: Solid Date Sampled: 11/12/2021 10:02

Reporting Basis: DRY Date Received: 11/13/2021 09:50

% Solids: 67.5

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	130	0.69		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-007 Lab Sample ID: 500-208392-7

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG ID.:

Matrix: Solid Date Sampled: 11/12/2021 12:50

Reporting Basis: DRY Date Received: 11/13/2021 09:50

% Solids: 61.8

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	18	0.72		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-008 Lab Sample ID: 500-208392-8

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG ID.:

Matrix: Solid Date Sampled: 11/12/2021 13:04

Reporting Basis: DRY Date Received: 11/13/2021 09:50

% Solids: 79.5

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	5.5	0.54		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-009 Lab Sample ID: 500-208392-9

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG ID.:

Matrix: Solid Date Sampled: 11/12/2021 13:45

Reporting Basis: DRY Date Received: 11/13/2021 09:50

% Solids: 36.5

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	8.4	1.2		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: DUP-1 Lab Sample ID: 500-208392-10

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG ID.:

Matrix: Solid Date Sampled: 11/12/2021 00:00

Reporting Basis: DRY Date Received: 11/13/2021 09:50

% Solids: 37.0

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	140	1.3		mg/Kg			1	6010C

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG No.:

ICV Source: M21EICVIC_00001 Concentration Units: mg/L

CCV Source: M21JCCVIC_00001

Analyte	ICV 500-630217/7 11/19/2021 20:54				CCV 500-630217/13 11/19/2021 21:14				CCV 500-630217/28 11/19/2021 22:02			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.409		0.400	102	0.518		0.500	104	0.521		0.500	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG No.:

ICV Source: M21EICVIC_00001 Concentration Units: mg/L

CCV Source: M21JCCVIC_00001

Analyte	CCV 500-630217/40 11/19/2021 22:41											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.522		0.500	104								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG No.:

ICV Source: M21JCCVLIC_00002 Concentration Units: mg/L

CCV Source: M21JCCVLIC_00002

Analyte	ICVL 500-630217/15 11/19/2021 21:20				CCVL 500-630217/114 11/20/2021 02:43							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.00528		0.00500	106	0.00557		0.00500	111				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG No.:

Method: 6010C Instrument ID: ICP6

Lab Sample ID: CRI 500-630217/10 Concentration Units: mg/L

CRQL Check Standard Source: M21HCRIIC_00002

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Lead	0.0100	0.0101		101	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICBIS 500-630217/8 11/19/2021 20:57		CCB 500-630217/14 11/19/2021 21:17		CCB 500-630217/29 11/19/2021 22:06		CCB 500-630217/41 11/19/2021 22:44	
		Found	C	Found	C	Found	C	Found	C
Lead	0.0050	<0.0050		<0.0050		<0.0050		<0.0050	

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 500-629717/1-A

Instrument Code: ICP6 Batch No.: 630217

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	<0.50			6010C

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG No.:

Lab Sample ID: ICSA 500-630217/11 Instrument ID: ICP6

Lab File ID: P6111921C.asc ICS Source: M21EISAIC_00001

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Lead		**0.0009**	
Aluminum	*500*	*536*	*107*
Antimony		*-0.0097*	
Arsenic		*0.0019*	
Barium		*0.0083*	
Beryllium		*0.0021*	
Bismuth		*0.0088*	
Boron		*-0.0014*	
Cadmium		*0.0002*	
Calcium	*500*	*520*	*104*
Chromium		*-0.0015*	
Cobalt		*-0.0003*	
Copper		*-0.0002*	
Iron	*200*	*205*	*102*
Lithium		*0.0015*	
Magnesium	*500*	*518*	*104*
Manganese		*0.0030*	
Molybdenum		*0.0006*	
Nickel		*0.0022*	
Potassium		*-0.0707*	
Selenium		*-0.0037*	
Silicon		*-0.0134*	
Silver		*0.0006*	
Sodium		*0.0367*	
Strontium		*0.0017*	
Thallium		*0.0082*	
Tin		*0.0079*	
Titanium		*0.0026*	
Vanadium		*-0.0022*	
Zinc		*0.0009*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG No.:

Lab Sample ID: ICSAB 500-630217/12 Instrument ID: ICP6

Lab File ID: P6111921C.asc ICS Source: M21JISBIC_00001

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Lead	**0.0500**	**0.0491**	**98**
Aluminum	*500*	*533*	*107*
Antimony	*0.600*	*0.579*	*96*
Arsenic	*0.100*	*0.0967*	*97*
Barium	*0.500*	*0.535*	*107*
Beryllium	*0.500*	*0.566*	*113*
Bismuth		*0.0082*	
Boron		*-0.0016*	
Cadmium	*1.00*	*1.03*	*103*
Calcium	*500*	*529*	*106*
Chromium	*0.500*	*0.453*	*91*
Cobalt	*0.500*	*0.514*	*103*
Copper	*0.500*	*0.544*	*109*
Iron	*200*	*204*	*102*
Lithium		*0.0014*	
Magnesium	*500*	*512*	*102*
Manganese	*0.500*	*0.517*	*103*
Molybdenum		*-0.0007*	
Nickel	*1.00*	*1.00*	*100*
Potassium		*-0.0804*	
Selenium	*0.0500*	*0.0512*	*102*
Silicon		*0.0048*	
Silver	*0.200*	*0.217*	*108*
Sodium		*0.0350*	
Strontium		*0.0017*	
Thallium	*0.100*	*0.0968*	*97*
Tin		*0.0106*	
Titanium		*0.0027*	
Vanadium	*0.500*	*0.464*	*93*
Zinc	*1.00*	*1.02*	*102*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: SS-001 MS
Lab ID: 500-208392-1 MS
Lab Name: Eurofins TestAmerica, Chicago
Job No.: 500-208392-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 68.6

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	49.7		37		14.2	91	75-125		6010C

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: SS-001 MSD
Lab ID: 500-208392-1 MSD
Lab Name: Eurofins TestAmerica, Chicago
Job No.: 500-208392-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 68.6

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Lead	47.2		12.9	80	75-125	5	20		6010C

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

6-IN
DUPLICATES
METALS

Client ID: SS-001 DU | Lab ID: 500-208392-1 DU

Lab Name: Eurofins TestAmerica, Chicago | Job No.: 500-208392-1

SDG No.:

% Solids for Sample: 68.6 | % Solids for Duplicate: 68.6

Matrix: Solid | Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Lead	0.72	37		36.0		2		6010C

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 500-629717/2-A

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

Sample Matrix: Solid LCS Source: M21JSPKIC_00001

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Lead	10.0	8.88		89	80	120		6010C

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 500-208392-1

SDG No:

Lab Name: Eurofins TestAmerica, Chicago Job No: 500-208392-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Lead	37		40.6		10		6010C

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208392-1

SDG Number:

Matrix: Solid Instrument ID: ICP6

Method: 6010C MDL Date: 03/29/2017 09:52

Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Lead		0.5	0.231

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208392-1

SDG Number:

Matrix: Solid Instrument ID: ICP6

Method: 6010C XMDL Date: 06/16/2010 15:46

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Lead		0.005	0.0025

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208392-1

SDG No.:

ICP-AES Instrument ID: ICP6 Date: 10/13/2021

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Aluminum	308.215										0.000941				
Antimony	206.833		0.000029												
Arsenic	189.042		-0.000018												-0.000022
Barium	455.403										-0.000144				
Beryllium	234.861														
Bismuth	223.061														
Boron	208.959														
Cadmium	228.802			0.002171											0
Calcium	317.933														
Chromium	267.716														
Cobalt	228.616														
Copper	324.754														0.000021
Iron	271.441										-0.011085	0.050586			
Lead	220.353		-0.000047								0.000027				0.000069
Lithium	670.784														
Magnesium	279.079														
Manganese	257.610														
Molybdenum	202.030														-0.000034
Nickel	231.604		0.000008												0.000033
Potassium	766.490														
Selenium	196.090		-0.000002								0.000025				
Silicon	212.412														
Silver	328.068						0.000039				-0.010920				
Sodium	589.592														
Strontium	421.552		0.000013						0.000008		0.000284				
Thallium	190.856		0.000045								0.000540				-0.000071
Tin	189.989										0.000107				0.000022
Titanium	334.941	0.003434													
Vanadium	292.402														0.000035
Zinc	206.200														

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208392-1

SDG No.:

ICP-AES Instrument ID: ICP6 Date: 10/13/2021

Analyte	Wave Length	K	Li	Mg	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti
Aluminum	308.215					0.007252									
Antimony	206.833														
Arsenic	189.042											-0.000204			
Barium	455.403														
Beryllium	234.861														
Bismuth	223.061														
Boron	208.959														
Cadmium	228.802											0.000021			
Calcium	317.933														
Chromium	267.716														
Cobalt	228.616														0.002231
Copper	324.754														
Iron	271.441			0.000100					0						
Lead	220.353									-0.000357		0.000135			
Lithium	670.784														
Magnesium	279.079														
Manganese	257.610														
Molybdenum	202.030														
Nickel	231.604	0.000016													
Potassium	766.490														
Selenium	196.090														
Silicon	212.412					0.058805				0.009312			0.028864		0.016825
Silver	328.068				0.000212										
Sodium	589.592														
Strontium	421.552														
Thallium	190.856				0.000269										
Tin	189.989														
Titanium	334.941														
Vanadium	292.402														
Zinc	206.200														

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208392-1

SDG No.:

ICP-AES Instrument ID: ICP6 Date: 10/13/2021

Analyte	Wave Length	Tl	V	Zn											
Aluminum	308.215		0.067221												
Antimony	206.833														
Arsenic	189.042														
Barium	455.403														
Beryllium	234.861														
Bismuth	223.061														
Boron	208.959														
Cadmium	228.802														
Calcium	317.933														
Chromium	267.716														
Cobalt	228.616														
Copper	324.754														
Iron	271.441		0.003316												
Lead	220.353														
Lithium	670.784														
Magnesium	279.079														
Manganese	257.610														
Molybdenum	202.030														
Nickel	231.604														
Potassium	766.490														
Selenium	196.090														
Silicon	212.412														
Silver	328.068		0.000132												
Sodium	589.592														
Strontium	421.552														
Thallium	190.856		0.002191												
Tin	189.989														
Titanium	334.941														
Vanadium	292.402														
Zinc	206.200														

X-IN

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No: 500-208392-1

SDG No.:

Instrument ID: ICP6 Date: 01/02/2019 11:08

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Lead		100	6010C

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 500-629717/1-A	11/19/2021 02:04	629717	1		100
LCS 500-629717/2-A	11/19/2021 02:04	629717	1		100
500-208392-1	11/19/2021 02:04	629717	1.0561		100
500-208392-1 DU	11/19/2021 02:04	629717	1.0164		100
500-208392-1 MS	11/19/2021 02:04	629717	1.0290		100
500-208392-1 MSD	11/19/2021 02:04	629717	1.1297		100
500-208392-2	11/19/2021 02:04	629717	1.0127		100
500-208392-3	11/19/2021 02:04	629717	1.1560		100
500-208392-4	11/19/2021 02:04	629717	1.1129		100
500-208392-5	11/19/2021 02:04	629717	1.0458		100
500-208392-6	11/19/2021 02:04	629717	1.0672		100
500-208392-7	11/19/2021 02:04	629717	1.1176		100
500-208392-8	11/19/2021 02:04	629717	1.1579		100
500-208392-9	11/19/2021 02:04	629717	1.1712		100
500-208392-10	11/19/2021 02:04	629717	1.0808		100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG No.:

Instrument ID: ICP6 Analysis Method: 6010C

Start Date: 11/19/2021 20:34 End Date: 11/20/2021 03:13

Lab Sample Id	D/F	Type	Time	Analytes																								
				Pb																								
ZZZZZZ			20:34																									
ZZZZZZ			20:37																									
ZZZZZZ			20:41																									
ZZZZZZ			20:44																									
ZZZZZZ			20:48																									
ZZZZZZ			20:51																									
ICV 500-630217/7	1		20:54	X																								
ICBIS 500-630217/8	1		20:57	X																								
ZZZZZZ			21:00																									
CRI 500-630217/10	1		21:04	X																								
ICSA 500-630217/11	1		21:07	X																								
ICSAB 500-630217/12	1		21:10	X																								
CCV 500-630217/13	1		21:14	X																								
CCB 500-630217/14	1		21:17	X																								
ICVL 500-630217/15	1		21:20	X																								
ZZZZZZ			21:23																									
LRC 500-630217/17			21:27																									
MB 500-629717/1-A	1	T	21:31	X																								
LCS 500-629717/2-A	1	T	21:34	X																								
500-208392-1	1	T	21:37	X																								
500-208392-1 SD	5	T	21:40	X																								
500-208392-1 DU	1	T	21:43	X																								
500-208392-1 MS	1	T	21:47	X																								
500-208392-1 MSD	1	T	21:50	X																								
500-208392-2	1	T	21:53	X																								
500-208392-3	1	T	21:56	X																								
500-208392-4	1	T	21:59	X																								
CCV 500-630217/28	1		22:02	X																								
CCB 500-630217/29	1		22:06	X																								
500-208392-5	1	T	22:09	X																								
500-208392-6	1	T	22:12	X																								
500-208392-7	1	T	22:15	X																								
500-208392-8	1	T	22:18	X																								
500-208392-9	1	T	22:22	X																								
500-208392-10	1	T	22:25	X																								
ZZZZZZ			22:28																									
ZZZZZZ			22:31																									
ZZZZZZ			22:34																									
ZZZZZZ			22:38																									
CCV 500-630217/40	1		22:41	X																								
CCB 500-630217/41	1		22:44	X																								
ZZZZZZ			22:47																									

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG No.:

Instrument ID: ICP6 Analysis Method: 6010C

Start Date: 11/19/2021 20:34 End Date: 11/20/2021 03:13

Lab Sample Id	D/F	Type	Time	Analytes
				Pb
ZZZZZZ			22:50	
ZZZZZZ			22:54	
ZZZZZZ			22:57	
ZZZZZZ			23:00	
ZZZZZZ			23:03	
ZZZZZZ			23:07	
ZZZZZZ			23:10	
ZZZZZZ			23:13	
ZZZZZZ			23:16	
CCV 500-630217/52			23:20	
CCB 500-630217/53			23:23	
ZZZZZZ			23:26	
ZZZZZZ			23:29	
ZZZZZZ			23:32	
ZZZZZZ			23:36	
ZZZZZZ			23:39	
ZZZZZZ			23:42	
ZZZZZZ			23:45	
ZZZZZZ			23:48	
ZZZZZZ			23:52	
ZZZZZZ			23:55	
CCV 500-630217/64			23:58	
CCB 500-630217/65			00:01	
ZZZZZZ			00:04	
ZZZZZZ			00:08	
ZZZZZZ			00:11	
ZZZZZZ			00:14	
ZZZZZZ			00:17	
ZZZZZZ			00:20	
ZZZZZZ			00:24	
ZZZZZZ			00:27	
ZZZZZZ			00:30	
ZZZZZZ			00:33	
CCV 500-630217/76			00:37	
CCB 500-630217/77			00:40	
ZZZZZZ			00:43	
ZZZZZZ			00:46	
ZZZZZZ			00:50	
ZZZZZZ			00:53	
ZZZZZZ			00:57	
ZZZZZZ			01:00	
ZZZZZZ			01:03	

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG No.:

Instrument ID: ICP6 Analysis Method: 6010C

Start Date: 11/19/2021 20:34 End Date: 11/20/2021 03:13

Lab Sample Id	D/F	Type	Time	Analytes
				Pb
ZZZZZZ			01:06	
ZZZZZZ			01:10	
ZZZZZZ			01:13	
CCV 500-630217/88			01:16	
CCB 500-630217/89			01:19	
ZZZZZZ			01:22	
ZZZZZZ			01:26	
ZZZZZZ			01:29	
ZZZZZZ			01:32	
ZZZZZZ			01:36	
ZZZZZZ			01:39	
ZZZZZZ			01:42	
ZZZZZZ			01:46	
ZZZZZZ			01:49	
ZZZZZZ			01:52	
ZZZZZZ			01:55	
CCV 500-630217/101			01:59	
CCB 500-630217/102			02:02	
ZZZZZZ			02:05	
ZZZZZZ			02:09	
ZZZZZZ			02:12	
ZZZZZZ			02:15	
ZZZZZZ			02:19	
ZZZZZZ			02:22	
ZZZZZZ			02:26	
ZZZZZZ			02:30	
ZZZZZZ			02:33	
CCV 500-630217/112			02:36	
CCB 500-630217/113			02:40	
CCVL 500-630217/114	1		02:43	X
ZZZZZZ			02:46	
ZZZZZZ			02:50	
ZZZZZZ			02:53	
ZZZZZZ			02:56	
ZZZZZZ			03:00	
ZZZZZZ			03:03	
ZZZZZZ			03:06	
ZZZZZZ			03:10	
ZZZZZZ			03:13	

Prep Types:
T = Total/NA

FORM XIII-IN

15-IN
ICP INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG No.: Analysis Batch No.: 630217

ICP Instrument ID: ICP6 Start Date: 11/19/2021 End Date: 11/20/2021

Lab Sample ID	Time	Internal Standards %RI For:									
		Element In 230.606	Q	Element Y 224.306	Q	Element Y 360.073	Q	Element Y 371.030	Q	Element	Q
ICV 500-630217/7	20:54										
ICBIS 500-630217/8	20:57										
CRI 500-630217/10	21:04	99		101		100		100			
ICSA 500-630217/11	21:07	70		89		87		89			
ICSAB 500-630217/12	21:10	70		86		87		90			
CCV 500-630217/13	21:14	86		95		95		99			
CCB 500-630217/14	21:17	100		100		100		100			
ICVL 500-630217/15	21:20	99		100		99		102			
MB 500-629717/1-A	21:31	99		100		99		96			
LCS 500-629717/2-A	21:34	93		97		98		96			
500-208392-1	21:37	88		107		106		103			
500-208392-1 SD	21:40	94		101		102		101			
500-208392-1 DU	21:43	88		104		104		102			
500-208392-1 MS	21:47	84		105		105		102			
500-208392-1 MSD	21:50	84		106		106		104			
500-208392-2	21:53	87		101		102		102			
500-208392-3	21:56	80		99		101		100			
500-208392-4	21:59	83		100		103		102			
CCV 500-630217/28	22:02	88		98		96		100			
CCB 500-630217/29	22:06	101		103		101		100			
500-208392-5	22:09	86		101		102		100			
500-208392-6	22:12	85		101		103		101			
500-208392-7	22:15	86		101		103		102			
500-208392-8	22:18	71		91		91		96			
500-208392-9	22:22	85		92		95		97			
500-208392-10	22:25	89		95		97		97			
CCV 500-630217/40	22:41	88		101		98		100			
CCB 500-630217/41	22:44	100		102		101		100			
CCVL 500-630217/114	02:43	99		101		100		101			

15A-IN
ICP INTERNAL STANDARDS RELATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG No.: Analysis Batch No.: 630217

ICP Instrument ID: ICP6 Start Date: 11/19/2021 End Date: 11/20/2021

Analyte	Wavelength	Internal Standard Used:				
		Element In 230.606	Element Y 224.306	Element Y 360.073	Element Y 371.030	Element
Lead	220.353	X				
Aluminum	308.215				X	
Antimony	206.833		X			
Arsenic	189.042		X			
Barium	455.403				X	
Beryllium	234.861				X	
Bismuth	223.061	X				
Boron	208.959		X			
Cadmium	228.802		X			
Calcium	317.933				X	
Chromium	267.716			X		
Cobalt	228.616	X				
Copper	324.754			X		
Iron	271.441				X	
Lithium	670.784				X	
Magnesium	279.079				X	
Manganese	257.610				X	
Molybdenum	202.030		X			
Nickel	231.604	X				
Potassium	766.490				X	
Selenium	196.090		X			
Silicon	212.412		X			
Silver	328.068			X		
Sodium	589.592				X	
Strontium	421.552			X		
Thallium	190.856	X				
Tin	189.989	X				
Titanium	334.941			X		
Vanadium	292.402			X		
Zinc	206.200	X				
Internal Standard Name on Instrument		In2306	Y_2243	Y_3600	Y_3710	

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG No.:

Batch Number: 629717 Batch Start Date: 11/19/21 02:04 Batch Analyst: Estes, William R

Batch Method: 3050B Batch End Date: 11/19/21 02:34

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	M21JSPKIC 00001			
MB 500-629717/1		3050B, 6010C		1 g	100 mL				
LCS 500-629717/2		3050B, 6010C		1 g	100 mL	1 mL			
500-208392-A-1	SS-001	3050B, 6010C	T	1.0561 g	100 mL				
500-208392-A-1 DU	SS-001	3050B, 6010C	T	1.0164 g	100 mL				
500-208392-A-1 MS	SS-001	3050B, 6010C	T	1.0290 g	100 mL	1 mL			
500-208392-A-1 MSD	SS-001	3050B, 6010C	T	1.1297 g	100 mL	1 mL			
500-208392-A-2	SS-002	3050B, 6010C	T	1.0127 g	100 mL				
500-208392-A-3	SS-003	3050B, 6010C	T	1.1560 g	100 mL				
500-208392-A-4	SS-004	3050B, 6010C	T	1.1129 g	100 mL				
500-208392-A-5	SS-005	3050B, 6010C	T	1.0458 g	100 mL				
500-208392-A-6	SS-006	3050B, 6010C	T	1.0672 g	100 mL				
500-208392-A-7	SS-007	3050B, 6010C	T	1.1176 g	100 mL				
500-208392-A-8	SS-008	3050B, 6010C	T	1.1579 g	100 mL				
500-208392-A-9	SS-009	3050B, 6010C	T	1.1712 g	100 mL				
500-208392-A-10	DUP-1	3050B, 6010C	T	1.0808 g	100 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208392-1

SDG No.:

Batch Number: 629717 Batch Start Date: 11/19/21 02:04 Batch Analyst: Estes, William R

Batch Method: 3050B Batch End Date: 11/19/21 02:34

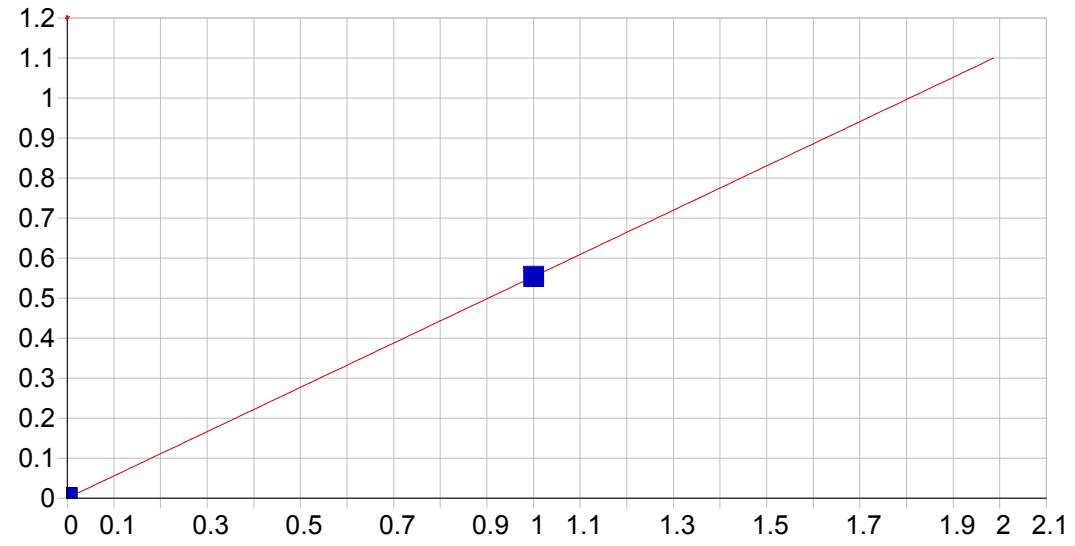
Batch Notes	
Balance ID	C-1952
Digestion Tube/Cup ID	2106023
Hydrochloric Acid ID	285454
Nitric Acid ID	1121051
Hydrogen Peroxide ID	288749
Digestion Unit ID	2493
Thermometer ID	3328
Filter ID	17413121
Temperature - Uncorrected - Start	91 Degrees C
Temperature - Corrected - Start	91 Degrees C
Temperature - Uncorrected - End	91 Degrees C
Temperature - Corrected - End	91 Degrees C
Digestion Start Time	11/19/2021 02:04
Digestion End Time	11/19/2021 02:34
Batch Comment	SnapCaps: 22721008

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	CorrFact	Check	Check Table	Fail Action
1	---	---	---	---	Cal	---	---	---	---	---	None
2	110	2	2	5	QC	S1	P6111921C	1	☒	S1	None
3	111	2	3	5	QC	S2		1	☒	S2	None
4	112	2	4	5	QC	ICV		1	☒	ICV	None
5	113	2	5	5	QC	ICB		1	☒	ICB	None
6	114	2	6	5	QC	ICVL		1	☒	CCVLL	None
7	115	2	7	5	QC	CRI		1	☒	CRI	None
8	116	2	8	5	QC	ICSA		1	☒	ICSA	None
9	117	2	9	5	QC	ICSAB		1	☒	ICSAB	None
10	118	2	10	5	QC	CCV		1	☒	CCV	None
11	119	2	11	5	QC	CCB		1	☒	CCB	None
12	120	2	12	5	QC	ICVL		1	☒	CCVLL	None
13	218	4	2	4	QC	MRL		1	☒	CCVLL	None
14	219	4	3	4	QC	LRC		1	☒	LRC	None
15	121	3	1	1	Unk	mb 500-629717/1-a		1	☒	RLTABLE	---
16	122	3	2	1	Unk	lcs 500-629717/2-a		1	☒	RLTABLE	---
17	123	3	3	1	Unk	500-208392-a-1-a		1	☒	RLTABLE	---
18	124	3	4	1	Unk	500-208392-a-1-aSD@5		1	☒	RLTABLE	---
19	125	3	5	1	Unk	500-208392-a-1-b du		1	☒	RLTABLE	---
20	126	3	6	1	Unk	500-208392-a-1-c ms		1	☒	RLTABLE	---
21	127	3	7	1	Unk	500-208392-a-1-d msd		1	☒	RLTABLE	---
22	128	3	8	1	Unk	500-208392-a-2-a		1	☒	RLTABLE	---
23	129	3	9	1	Unk	500-208392-a-3-a		1	☒	RLTABLE	---
24	130	3	10	1	Unk	500-208392-a-4-a		1	☒	RLTABLE	---
25	131	3	11	1	QC	CCV		1	☒	CCV	None
26	132	3	12	1	QC	CCB		1	☒	CCB	None
27	133	3	1	2	Unk	500-208392-a-5-a		1	☒	RLTABLE	---
28	134	3	2	2	Unk	500-208392-a-6-a		1	☒	RLTABLE	---
29	135	3	3	2	Unk	500-208392-a-7-a		1	☒	RLTABLE	---
30	136	3	4	2	Unk	500-208392-a-8-a		1	☒	RLTABLE	---
31	137	3	5	2	Unk	500-208392-a-9-a		1	☒	RLTABLE	---
32	138	3	6	2	Unk	500-208392-a-10-a		1	☒	RLTABLE	---
33	139	3	7	2	Unk	500-208410-d-1-c		1	☒	RLTABLE	---
34	140	3	8	2	Unk	500-208410-d-2-c		1	☒	RLTABLE	---
35	141	3	9	2	Unk	500-208410-d-3-c		1	☒	RLTABLE	---
36	142	3	10	2	Unk	500-208410-d-4-c		1	☒	RLTABLE	---
37	143	3	11	2	QC	CCV		1	☒	CCV	None
38	144	3	12	2	QC	CCB		1	☒	CCB	None
39	145	3	1	3	Unk	500-208410-d-5-c		1	☒	RLTABLE	---
40	146	3	2	3	Unk	500-208410-d-6-c		1	☒	RLTABLE	---
41	147	3	3	3	Unk	500-208447-a-1-a		1	☒	RLTABLE	---
42	148	3	4	3	Unk	500-208447-a-2-a		1	☒	RLTABLE	---
43	149	3	5	3	Unk	500-208447-a-3-a		1	☒	RLTABLE	---
44	150	3	6	3	Unk	500-208447-a-4-a		1	☒	RLTABLE	---
45	151	3	7	3	Unk	ms 500-629718/1-a		1	☒	RLTABLE	---
46	152	3	8	3	Unk	lcs 500-629718/2-a		1	☒	RLTABLE	---
47	153	3	9	3	Unk	500-208447-a-5-a		1	☒	RLTABLE	---
48	154	3	10	3	Unk	500-208447-a-5-aSD@5		1	☒	RLTABLE	---
49	155	3	11	3	QC	CCV		1	☒	CCV	None
50	156	3	12	3	QC	CCB		1	☒	CCB	None
51	157	3	1	4	Unk	500-208447-a-5-b du		1	☒	RLTABLE	---
52	158	3	2	4	Unk	500-208447-a-5-c ms		1	☒	RLTABLE	---
53	159	3	3	4	Unk	500-208447-a-5-d msd		1	☒	RLTABLE	---
54	160	3	4	4	Unk	500-208447-a-6-a		1	☒	RLTABLE	---
55	161	3	5	4	Unk	500-208447-a-7-a		1	☒	RLTABLE	---
56	162	3	6	4	Unk	500-208447-a-8-a		1	☒	RLTABLE	---
57	163	3	7	4	Unk	500-208447-a-9-a		1	☒	RLTABLE	---
58	164	3	8	4	Unk	500-208447-a-10-a		1	☒	RLTABLE	---
59	165	3	9	4	Unk	500-208447-a-11-a		1	☒	RLTABLE	---
60	166	3	10	4	Unk	500-208447-a-12-a		1	☒	RLTABLE	---
61	167	3	11	4	QC	CCV		1	☒	CCV	None
62	168	3	12	4	QC	CCB		1	☒	CCB	None
63	169	3	1	5	Unk	500-208447-a-13-a		1	☒	RLTABLE	---

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	CorrFact	Check	Check Table	Fail Action
64	170	3	2	5	Unk	500-208447-a-14-a		1	☒	RLTABLE	---
65	171	3	3	5	Unk	500-208447-a-15-a		1	☒	RLTABLE	---
66	172	3	4	5	Unk	500-208447-a-16-a		1	☒	RLTABLE	---
67	173	3	5	5	Unk	500-208447-a-17-a		1	☒	RLTABLE	---
68	174	3	6	5	Unk	500-208447-a-18-a		1	☒	RLTABLE	---
69	175	3	7	5	Unk	500-208447-a-19-a		1	☒	RLTABLE	---
70	176	3	8	5	Unk	500-208462-b-3-a		1	☒	RLTABLE	---
71	177	3	9	5	Unk	500-208462-b-4-a		1	☒	RLTABLE	---
72	178	3	10	5	Unk	500-208462-b-5-a		1	☒	RLTABLE	---
73	179	3	11	5	QC	CCV		1	☒	CCV	None
74	180	3	12	5	QC	CCB		1	☒	CCB	None
75	181	4	1	1	Unk	500-208462-b-7-a		1	☒	RLTABLE	---
76	182	4	2	1	Unk	500-208462-b-8-a		1	☒	RLTABLE	---
77	183	4	3	1	Unk	mb 500-629719/1-a		1	☒	RLTABLE	---
78	184	4	4	1	Unk	lcs 500-629719/2-a		1	☒	RLTABLE	---
79	185	4	5	1	Unk	500-208192-a-6-a		1	☒	RLTABLE	---
80	186	4	6	1	Unk	500-208192-a-6-aSD@5		1	☒	RLTABLE	---
81	187	4	7	1	Unk	500-208192-a-6-b du		1	☒	RLTABLE	---
82	188	4	8	1	Unk	500-208192-a-6-c ms		1	☒	RLTABLE	---
83	189	4	9	1	Unk	500-208192-a-6-d msd		1	☒	RLTABLE	---
84	190	4	10	1	Unk	500-208642-e-1-b		1	☒	RLTABLE	---
85	191	4	11	1	QC	CCV		1	☒	CCV	None
86	192	4	12	1	QC	CCB		1	☒	CCB	None
87	220	4	4	4	QC	CCVL		1	☒	CCVLL	None
88	193	4	1	2	Unk	500-208642-e-2-b		1	☒	RLTABLE	---
89	194	4	2	2	Unk	500-208642-f-3-b		1	☒	RLTABLE	---
90	195	4	3	2	Unk	500-208523-f-1-h		1	☒	RLTABLE	---
91	196	4	4	2	Unk	500-208523-f-3-d		1	☒	RLTABLE	---
92	197	4	5	2	Unk	500-208523-f-4-d		1	☒	RLTABLE	---
93	198	4	6	2	Unk	500-208523-f-5-d		1	☒	RLTABLE	---
94	199	4	7	2	Unk	500-208523-f-6-d		1	☒	RLTABLE	---
95	200	4	8	2	Unk	500-208523-f-8-d		1	☒	RLTABLE	---
96	201	4	9	2	Unk	500-208208-d-1-b		1	☒	RLTABLE	---
97	202	4	10	2	Unk	500-208208-c-2-c		1	☒	RLTABLE	---
98	203	4	11	2	QC	CCV		1	☒	CCV	None
99	204	4	12	2	QC	CCB		1	☒	CCB	None
100	221	4	5	4	QC	CCVL		1	☒	CCVLL	None
101	205	4	1	3	Unk	500-208208-d-3-b		1	☒	RLTABLE	---
102	206	4	2	3	Unk	500-208208-c-4-b		1	☒	RLTABLE	---
103	207	4	3	3	Unk	500-208214-e-1-f		1	☒	RLTABLE	---
104	208	4	4	3	Unk	500-208214-e-2-f		1	☒	RLTABLE	---
105	209	4	5	3	Unk	500-208214-e-3-f		1	☒	RLTABLE	---
106	210	4	6	3	Unk	500-208214-e-4-h		1	☒	RLTABLE	---
107	211	4	7	3	Unk	500-208214-e-5-f		1	☒	RLTABLE	---
108	212	4	8	3	Unk	500-208283-a-1-a		1	☒	RLTABLE	---
109	215	4	11	3	QC	CCV		1	☒	CCV	None
110	216	4	12	3	QC	CCB		1	☒	CCB	None
111	217	4	1	4	QC	CCVL		1	☒	CCVLL	None
112	222	4	6	4	Unk	Si		1	☒	RLTABLE	---
113	223	4	7	4	Unk	Al		1	☒	RLTABLE	---
114	224	4	8	4	Unk	Fe		1	☒	RLTABLE	---
115	225	4	9	4	Unk	As		1	☒	RLTABLE	---
116	226	4	10	4	Unk	Va		1	☒	RLTABLE	---
117	227	4	11	4	Unk	Co		1	☒	RLTABLE	---
118	228	4	12	4	Unk	Ti		1	☒	RLTABLE	---
119	229	4	1	5	Unk	Mn		1	☒	RLTABLE	---
120	230	4	2	5	Unk	Ce		1	☒	RLTABLE	---

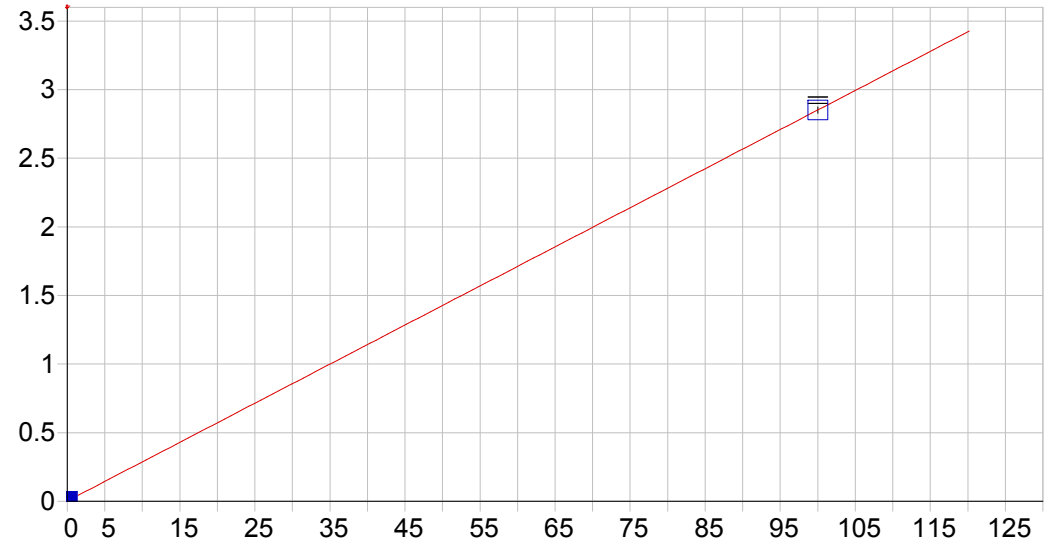


Ag 328.068 {103}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000309	Re-Slope:	1.000000
A1 (Gain):	0.553458	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000918		
Predicted MQL:	0.003060		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00031	.000	1
S1	1.0000	1.0000	.000	.000	.55398	.000	1



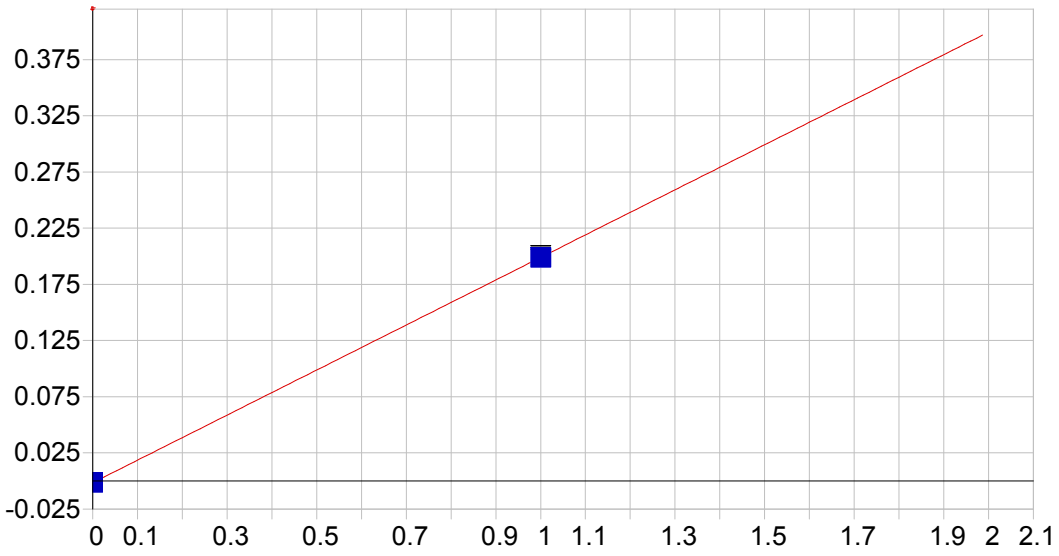
Al 308.215 {109}

Date of Fit:	11/19/2021 20:44:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002314	Re-Slope:	1.000000
A1 (Gain):	0.028495	Y-int:	0.000000
A2 (Curvature):	0.000000		

n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.015017		
Predicted MQL:	0.050056		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00231	.000	1
S2	100.00	100.00	.000	.000	2.8518	.024	1

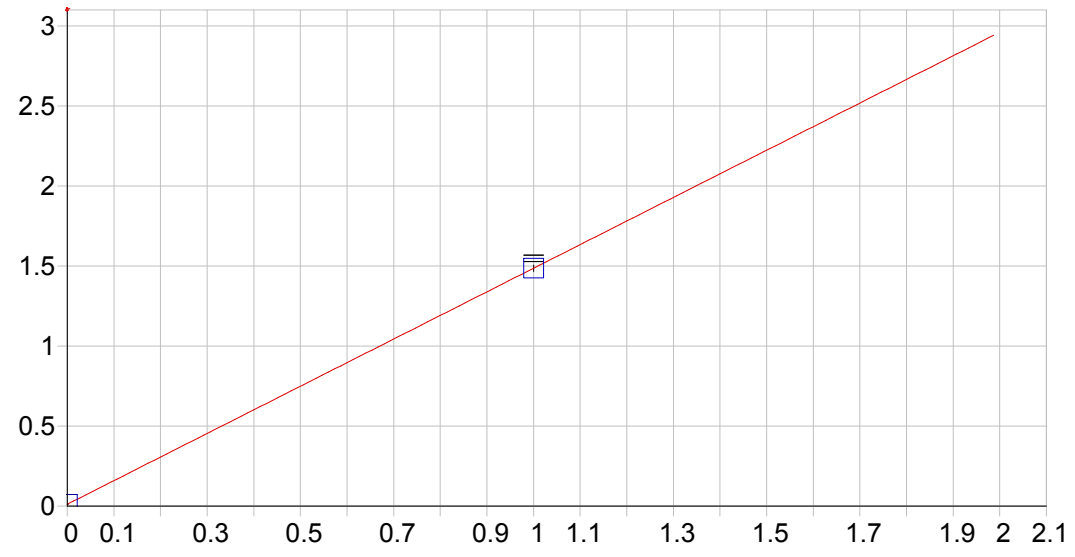


As 189.042 {478}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001492	Re-Slope:	1.000000
A1 (Gain):	0.200510	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.003084		
Predicted MQL:	0.010280		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00149	.000	1
S1	1.0000	1.00000	.000	.000	.19898	.002	1

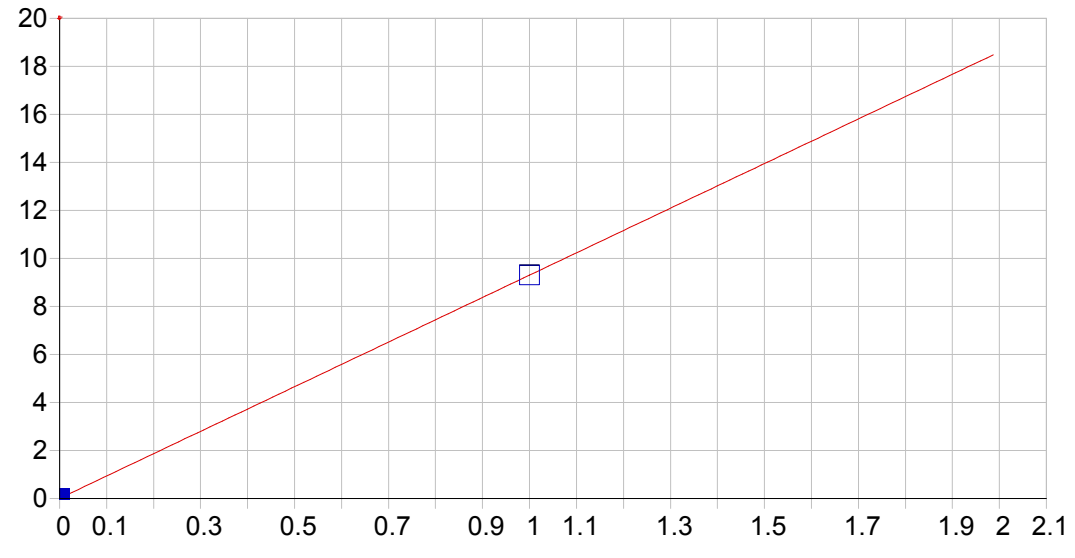


B 208.959 {461}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.011583	Re-Slope:	1.000000
A1 (Gain):	1.474608	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000395		
Predicted MQL:	0.001318		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.01158	.000	1
S1	1.0000	1.0000	.000	.000	1.4862	.020	1



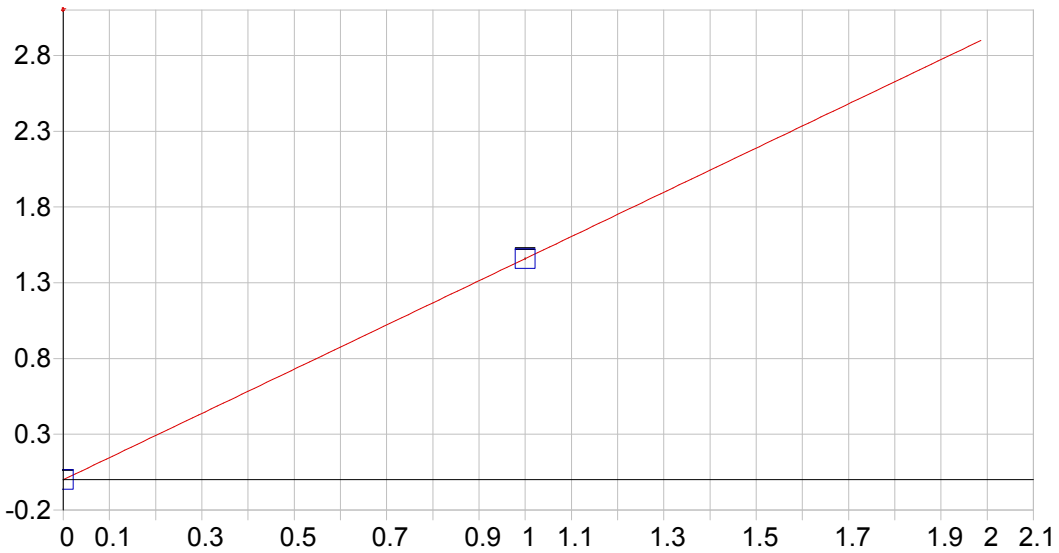
Ba 455.403 { 74}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.007836	Re-Slope:	1.000000
A1 (Gain):	9.296335	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000105		
Predicted MQL:	0.000349		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00784	.000	1
S1	1.0000	1.0000	.000	.000	9.3042	.008	1

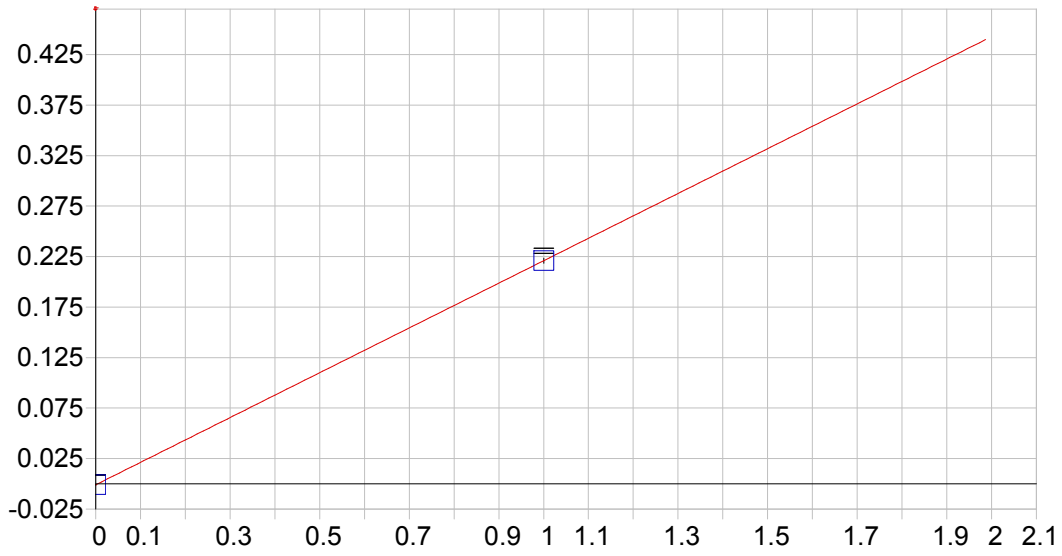


Be 234.861 {143}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000244	Re-Slope:	1.000000
A1 (Gain):	1.459488	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000223		
Predicted MQL:	0.000745		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00024	.000	1
S1	1.0000	1.0000	.000	.000	1.4592	.006	1

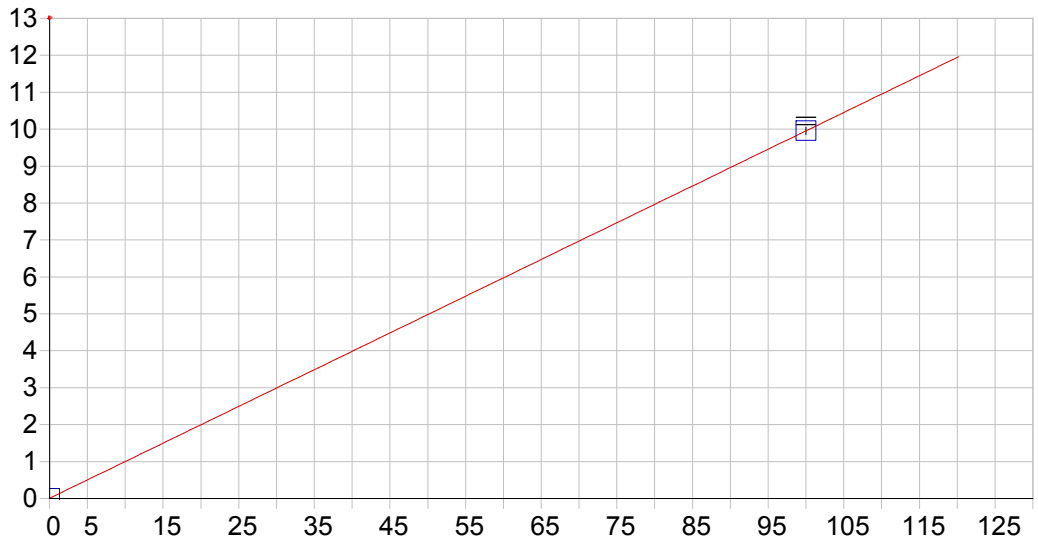


Bi 223.061 {451}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000879	Re-Slope:	1.000000
A1 (Gain):	0.221797	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001853		
Predicted MQL:	0.006176		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00088	.000	1
S1	1.0000	1.0000	.000	.000	.22092	.003	1



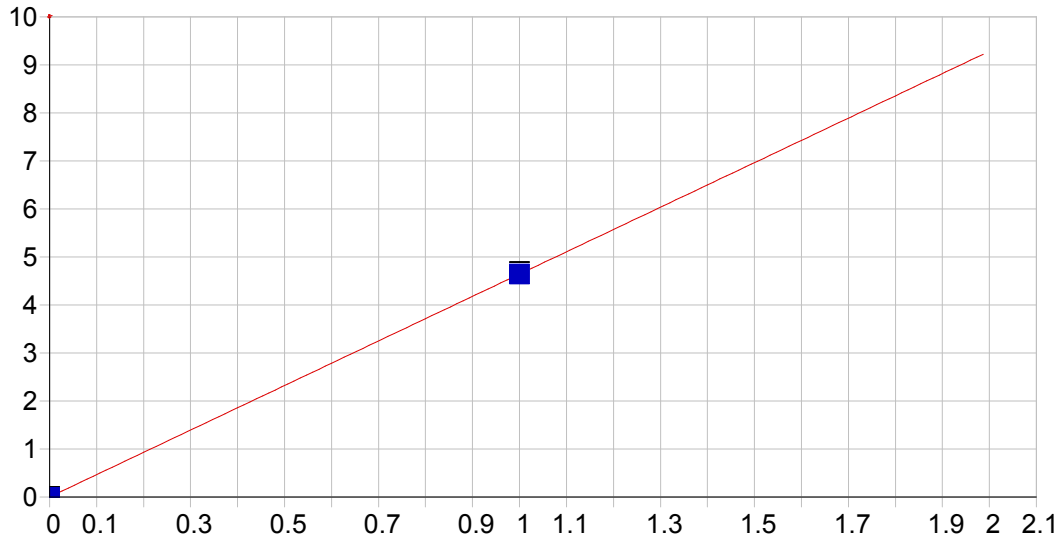
Ca 317.933 {106}

Date of Fit:	11/19/2021 20:44:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.006651	Re-Slope:	1.000000
A1 (Gain):	0.099478	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:		1.000000		Status:	OK.		
Std Error of Est:		0.000000					
Predicted MDL:		0.003955					
Predicted MQL:		0.013185					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00665	.000	1
S2	100.00	100.000	.000	.000	9.9544	.097	1

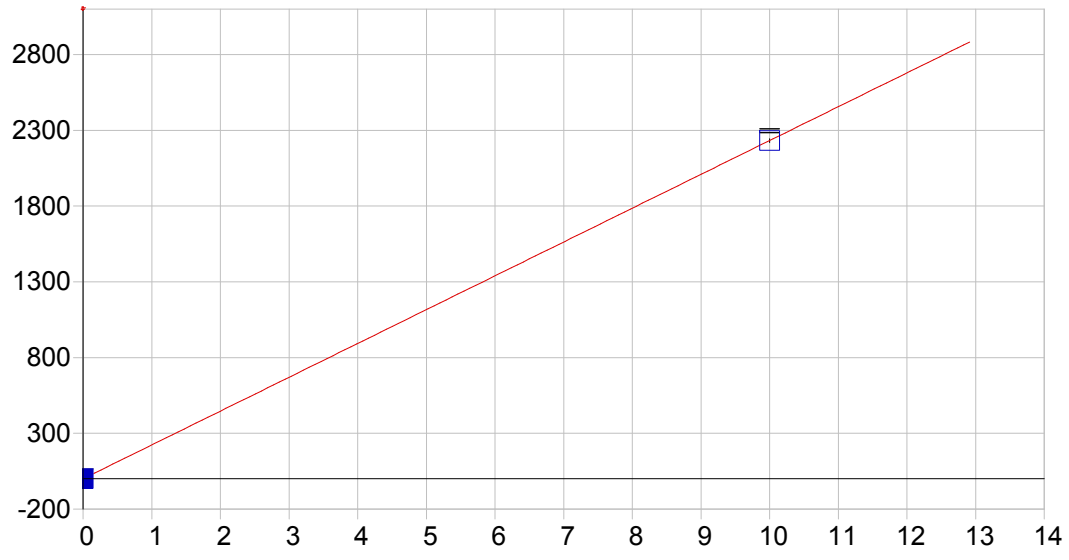


Cd 228.802 {447}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002360	Re-Slope:	1.000000
A1 (Gain):	4.640879	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000207		
Predicted MQL:	0.000690		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00236	.001	1
S1	1.0000	1.0000	.000	.000	4.6534	.038	1

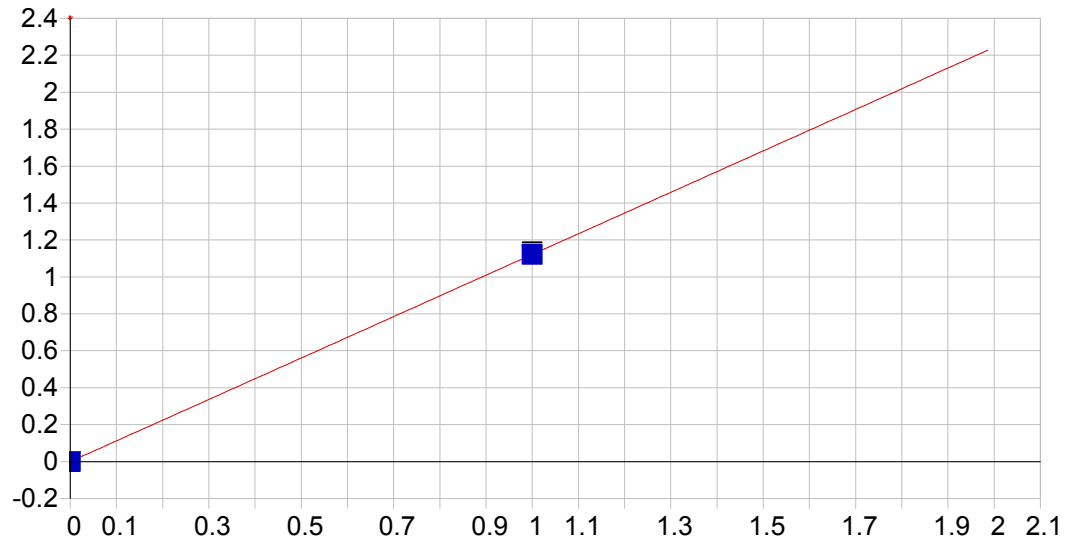


Ce 404.076 { 83}

Date of Fit:	11/19/2021 20:47:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.181186	Re-Slope:	1.000000
A1 (Gain):	223.229242	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.016336		
Predicted MQL:	0.054454		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.18119	.555	1
CE	10.000	10.000	.000	.000	2232.5	12.7	1



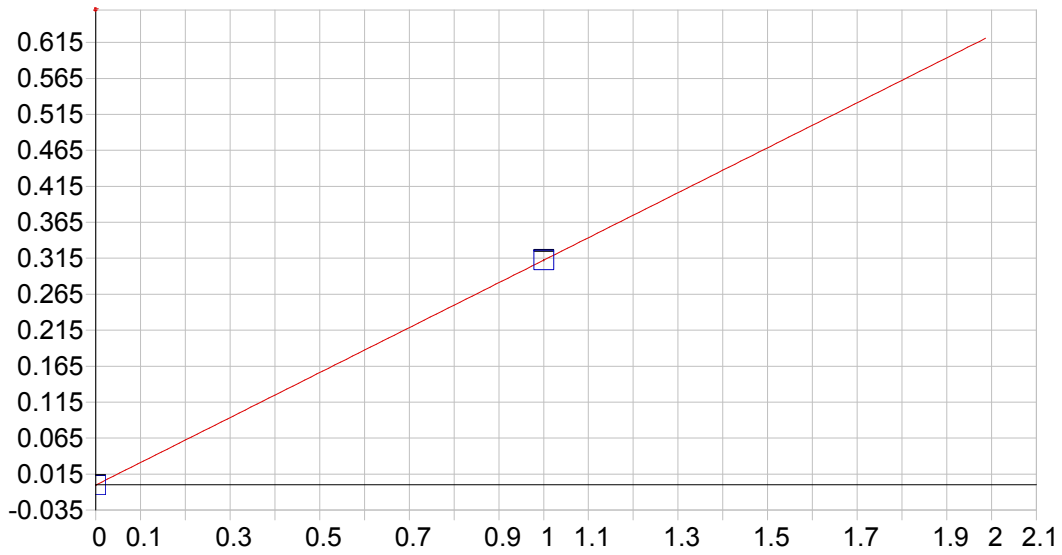
Co 228.616 {447}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000159	Re-Slope:	1.000000
A1 (Gain):	1.121683	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000		Status:	OK.			
Std Error of Est:	0.000000						
Predicted MDL:	0.000392						
Predicted MQL:	0.001308						

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00016	.000	1
S1	1.0000	1.0000	.000	.000	1.1240	.010	1

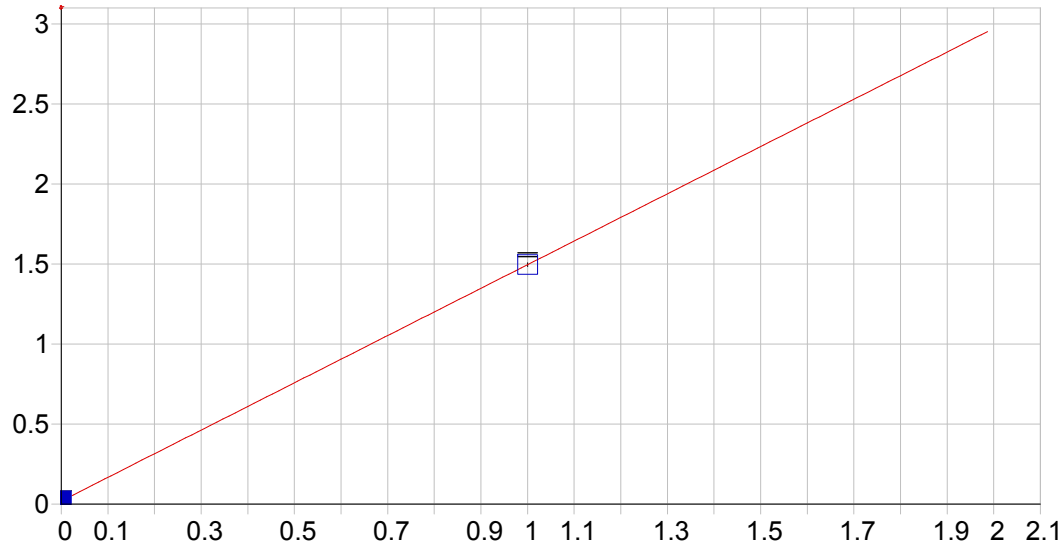


Cr 267.716 {126}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000278	Re-Slope:	1.000000
A1 (Gain):	0.312561	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001276		
Predicted MQL:	0.004252		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00028	.000	1
S1	1.0000	1.0000	.000	.000	.31228	.001	1

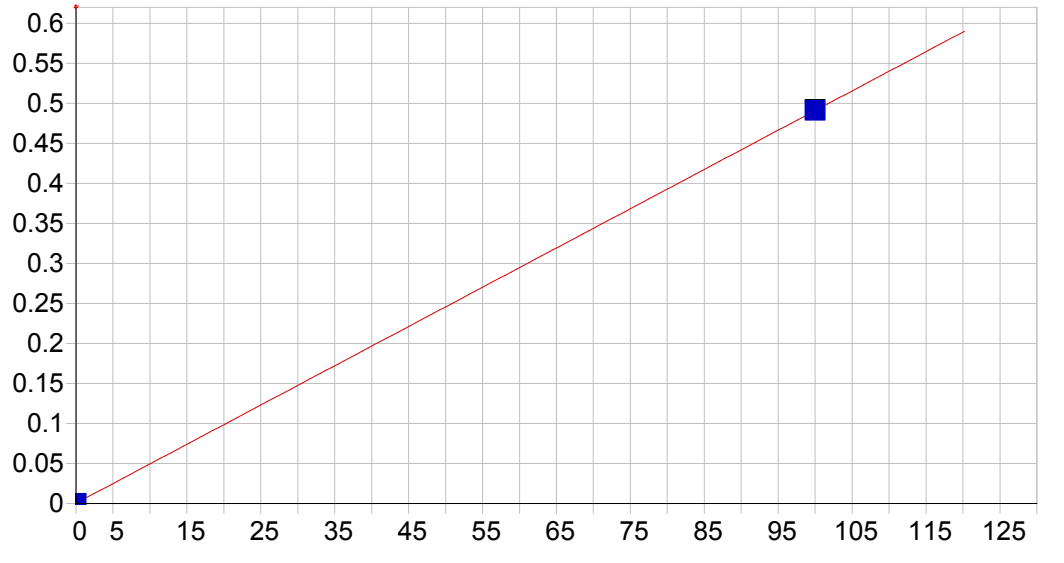


Cu 324.754 {104}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.019470	Re-Slope:	1.000000
A1 (Gain):	1.476297	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000351		
Predicted MQL:	0.001170		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.01947	.000	1
S1	1.0000	1.0000	.000	.000	1.4958	.011	1



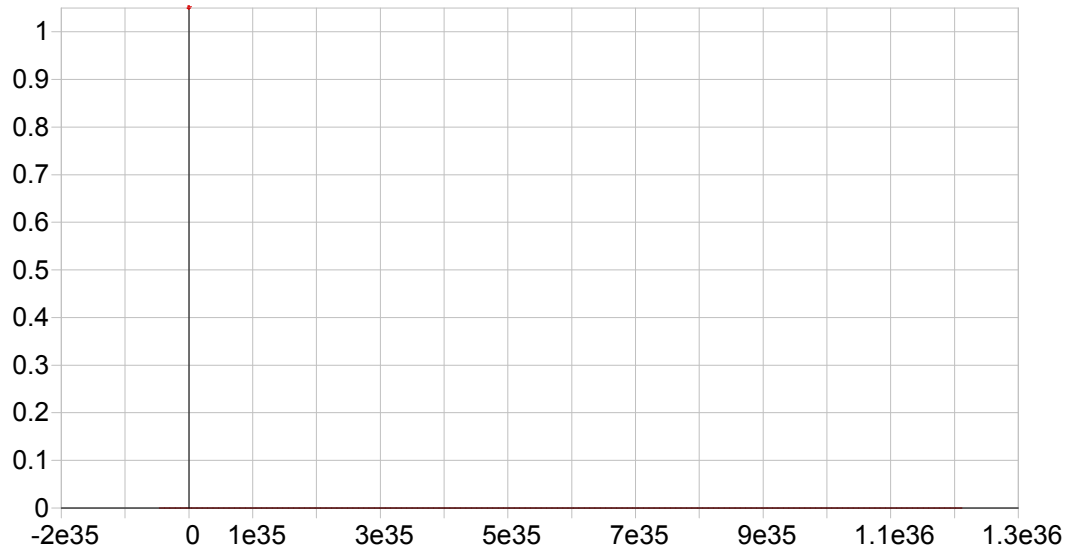
Fe 271.441 {124}

Date of Fit:	11/19/2021 20:44:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000388	Re-Slope:	1.000000
A1 (Gain):	0.004907	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000		Status:	OK.
Std Error of Est:	0.000000			
Predicted MDL:	0.066691			
Predicted MQL:	0.222304			

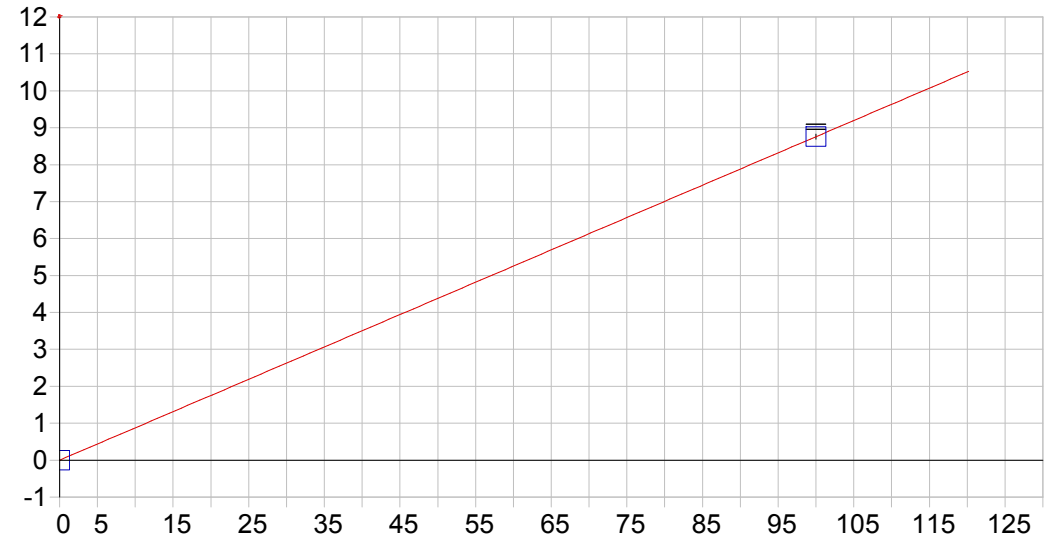
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00039	.000	1
S2	100.00	100.00	.000	.000	.49110	.001	1



In 230.606 {446}*

Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):		0.000000		Re-Slope:	1.000000	
A1 (Gain):		0.000000		Y-int:	0.000000	
A2 (Curvature):		0.000000				
n (Exponent):		1.000000				
Correlation:		0.000000		Status:	Warning	Zero Gain
Std Error of Est:		0.000000				
Predicted MDL:		n/a				
Predicted MQL:		n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

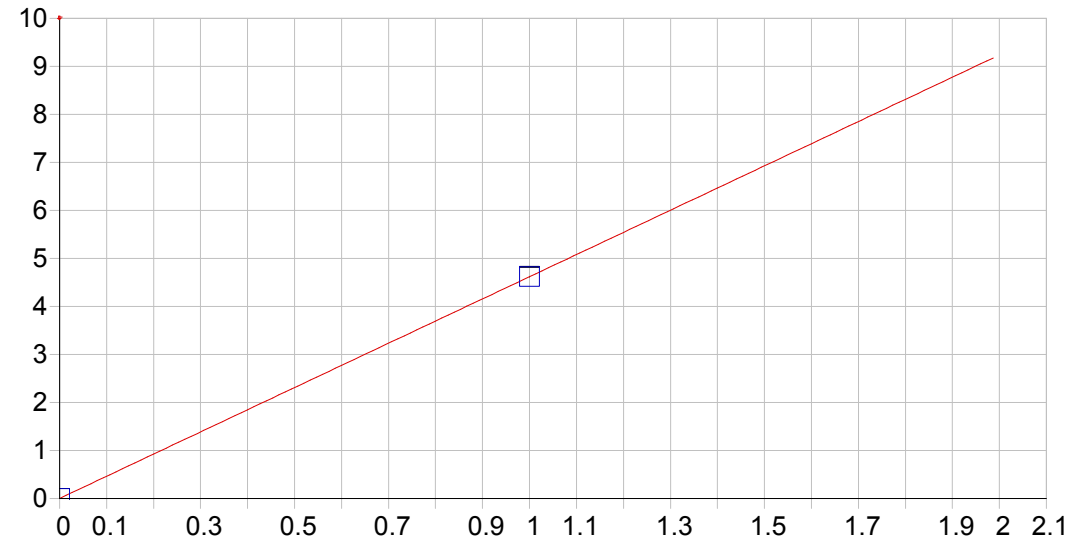


K 766.490 { 44}

Date of Fit:	11/19/2021 20:44:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000233	Re-Slope:	1.000000
A1 (Gain):	0.087588	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.016970		
Predicted MQL:	0.056566		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00023	.001	1
S2	100.00	100.00	.000	.000	8.7586	.072	1



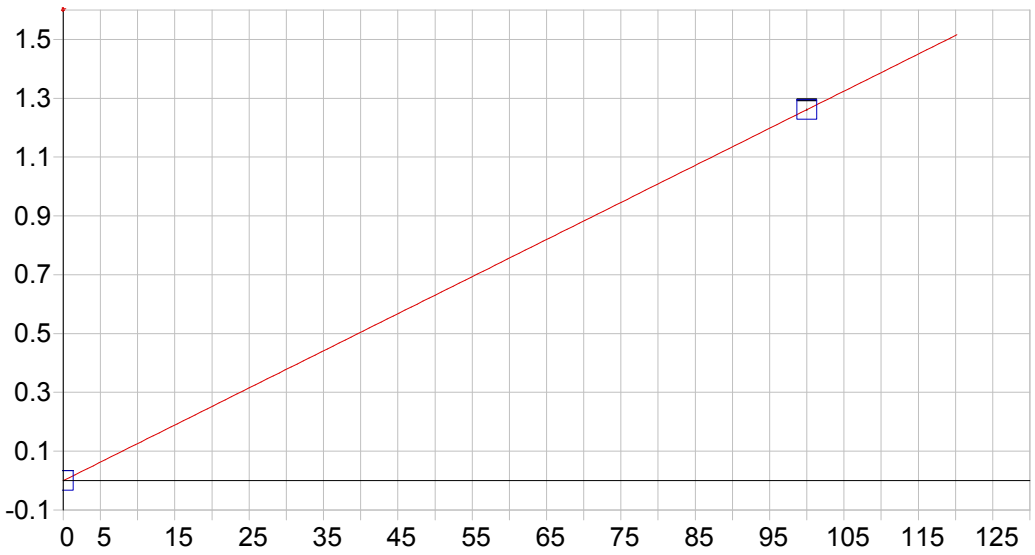
Li 670.784 { 50}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002062	Re-Slope:	1.000000
A1 (Gain):	4.617320	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000302		
Predicted MQL:	0.001006		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00206	.000	1
S1	1.0000	1.0000	.000	.000	4.6194	.005	1

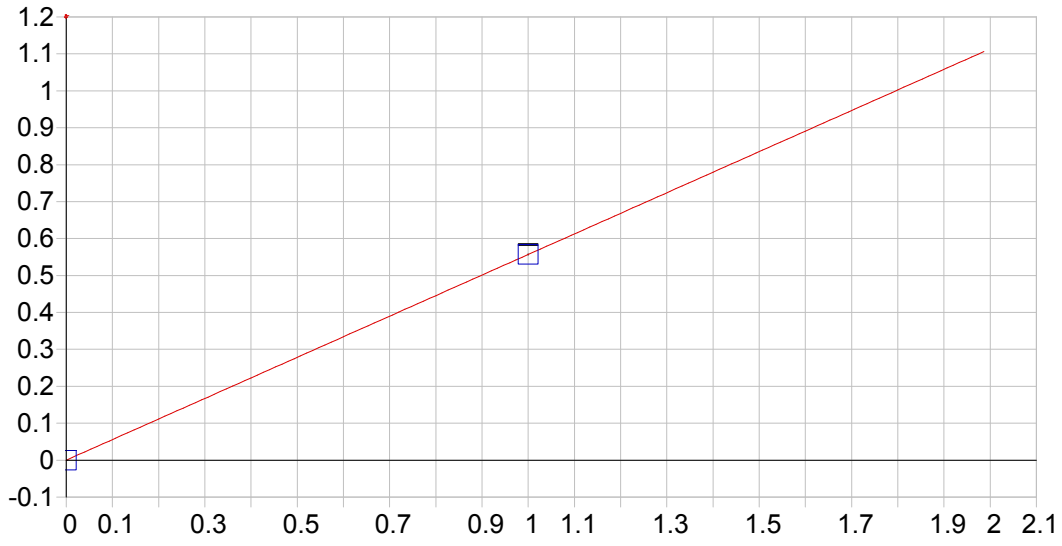


Mg 279.079 {121}

Date of Fit:	11/19/2021 20:44:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000137	Re-Slope:	1.000000
A1 (Gain):	0.012613	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.019932		
Predicted MQL:	0.066439		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00014	.000	1
S2	100.00	100.00	.000	.000	1.2611	.003	1

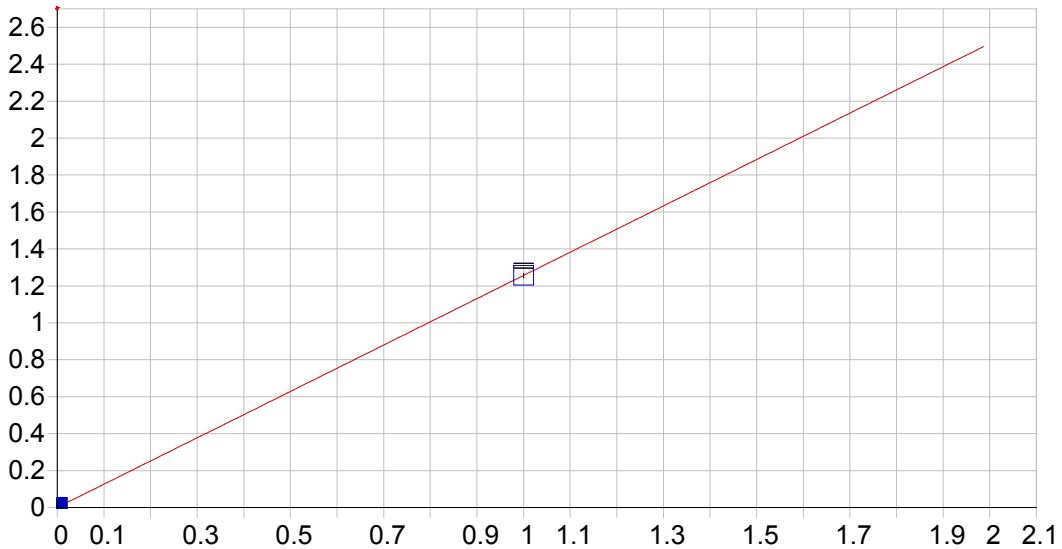


Mn 257.610 {131}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000043	Re-Slope:	1.000000
A1 (Gain):	0.556853	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000507		
Predicted MQL:	0.001690		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00004	.000	1
S1	1.0000	1.0000	.000	.000	.55690	.002	1



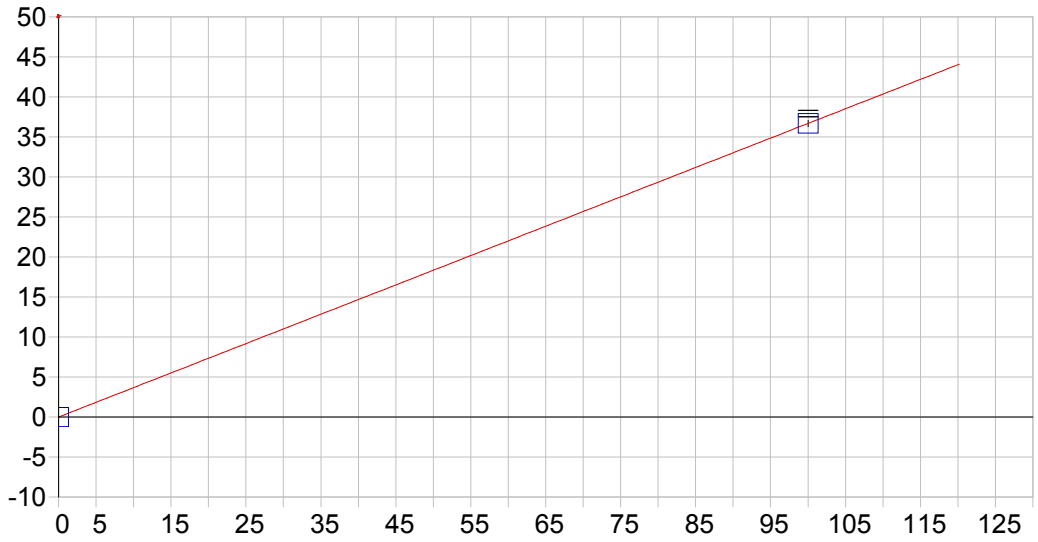
Mo 202.030 {467}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000519	Re-Slope:	1.000000
A1 (Gain):	1.255707	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000514		
Predicted MQL:	0.001713		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00052	.000	1
S1	1.0000	1.0000	.000	.000	1.2562	.013	1

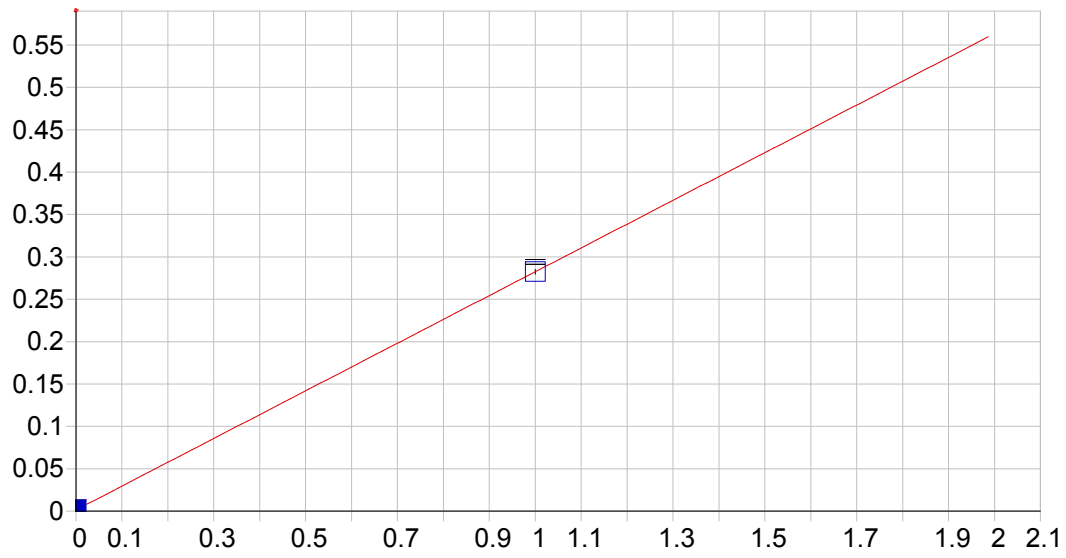


Na 589.592 { 57}

Date of Fit:	11/19/2021 20:44:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000268	Re-Slope:	1.000000
A1 (Gain):	0.366843	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.003621		
Predicted MQL:	0.012070		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00027	.000	1
S2	100.00	100.00	.000	.000	36.685	.409	1

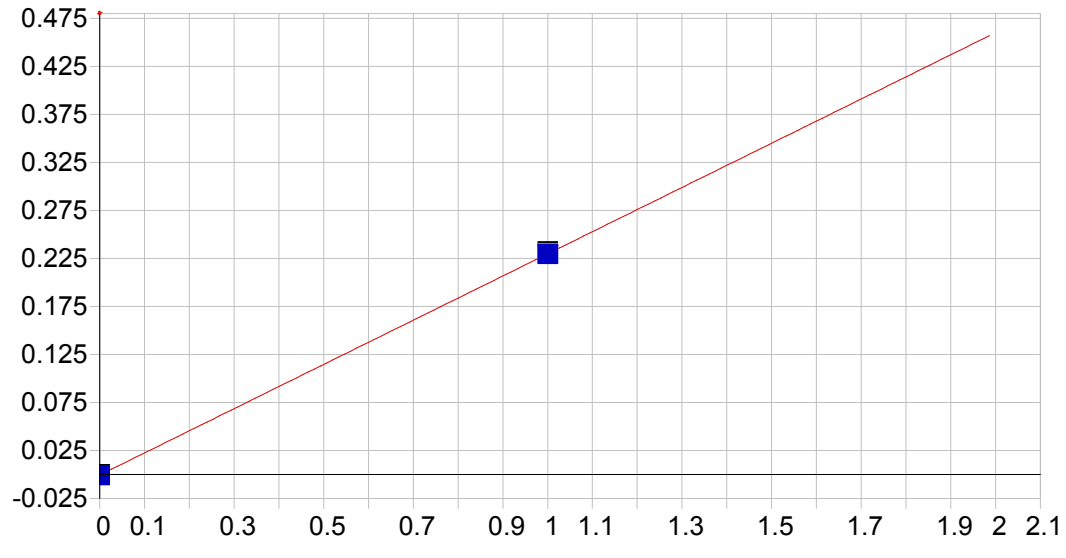


Ni 231.604 {446}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001404	Re-Slope:	1.000000
A1 (Gain):	0.281019	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001202		
Predicted MQL:	0.004007		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00140	.000	1
S1	1.0000	1.0000	.000	.000	.28242	.003	1



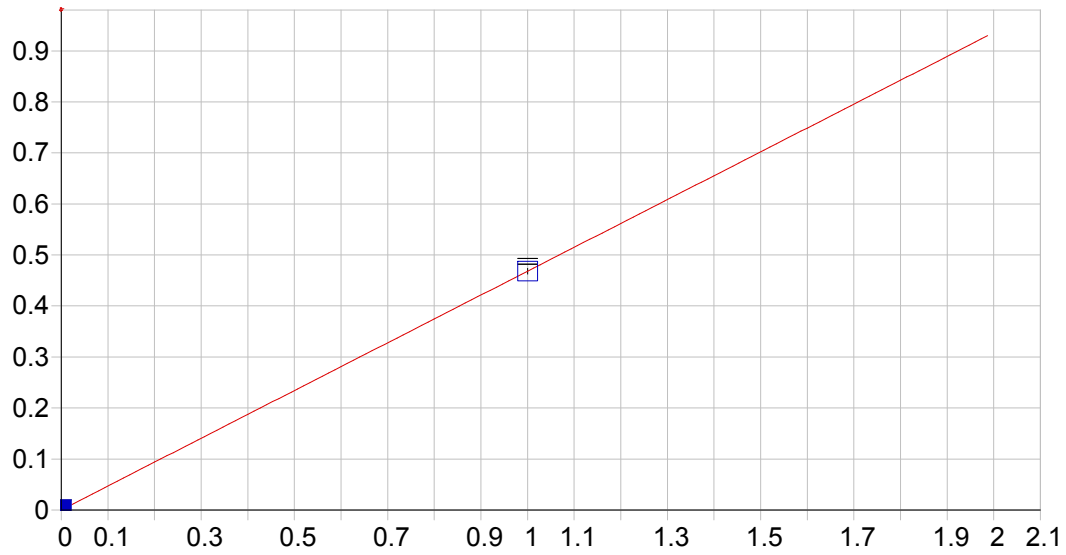
Pb 220.353 {453}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000569	Re-Slope:	1.000000
A1 (Gain):	0.230369	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001955		
Predicted MQL:	0.006517		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00057	.000	1
S1	1.0000	1.00000	.000	.000	.22975	.002	1

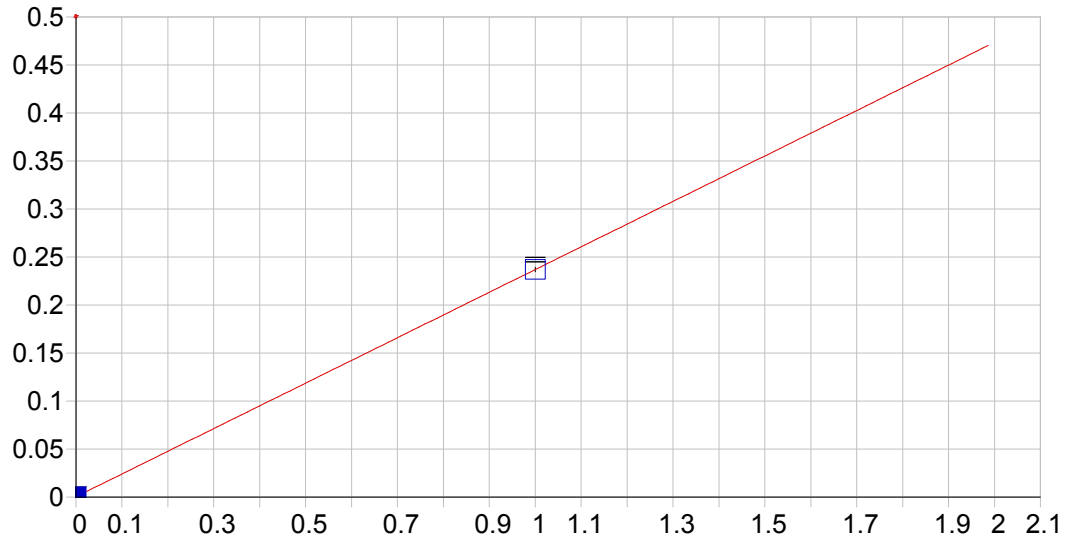


Sb 206.833 {463}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000317	Re-Slope:	1.000000
A1 (Gain):	0.467787	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001821		
Predicted MQL:	0.006069		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00032	.000	1
S1	1.0000	1.0000	.000	.000	.46810	.005	1

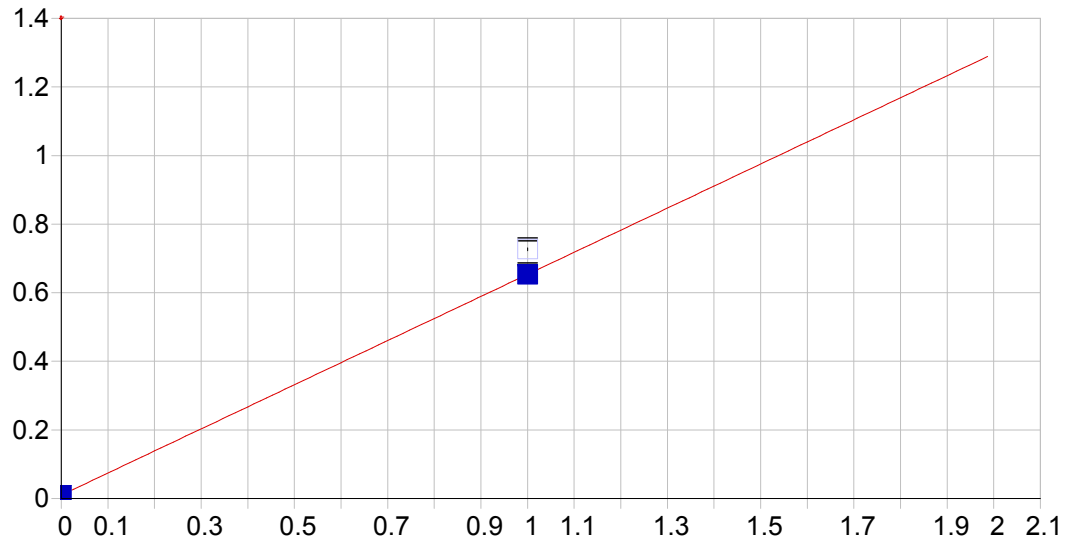


Se 196.090 {472}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000400	Re-Slope:	1.000000
A1 (Gain):	0.236561	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.002816		
Predicted MQL:	0.009387		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00040	.000	1
S1	1.0000	1.0000	.000	.000	.23696	.002	1



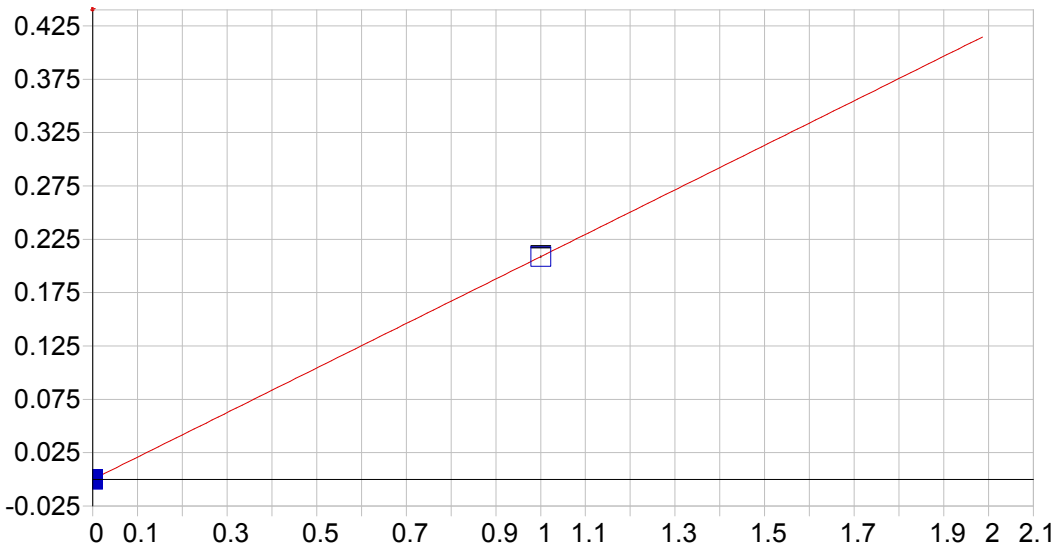
Si 212.412 {459}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.009900	Re-Slope:	1.000000
A1 (Gain):	0.643644	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000806		
Predicted MQL:	0.002685		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00990	.000	1
S1	1.0000	1.00000	.000	.000	.72679	.004	1

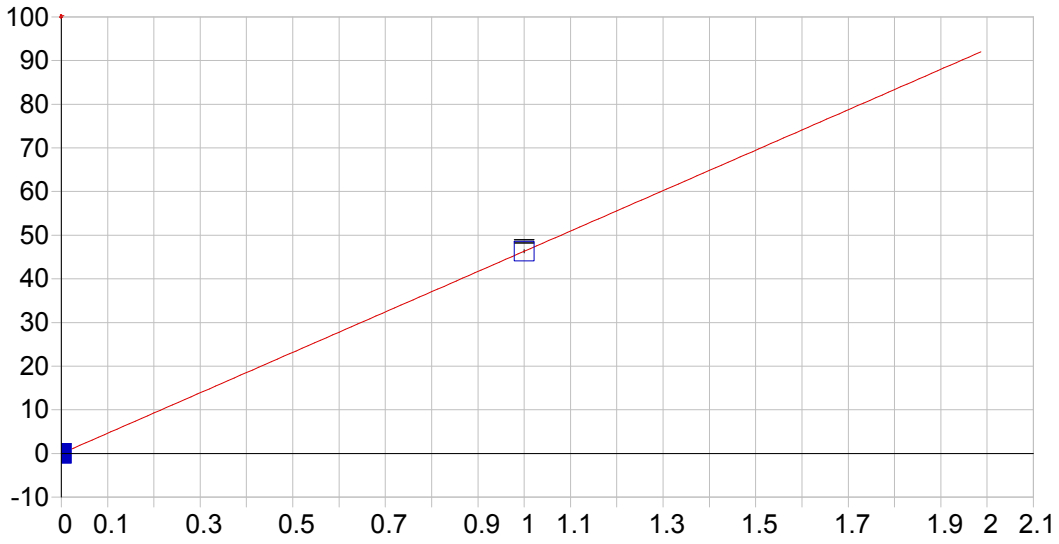


Sn 189.989 {477}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000038	Re-Slope:	1.000000
A1 (Gain):	0.208733	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001791		
Predicted MQL:	0.005970		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00004	.000	1
S1	1.0000	1.0000	.000	.000	.20870	.001	1

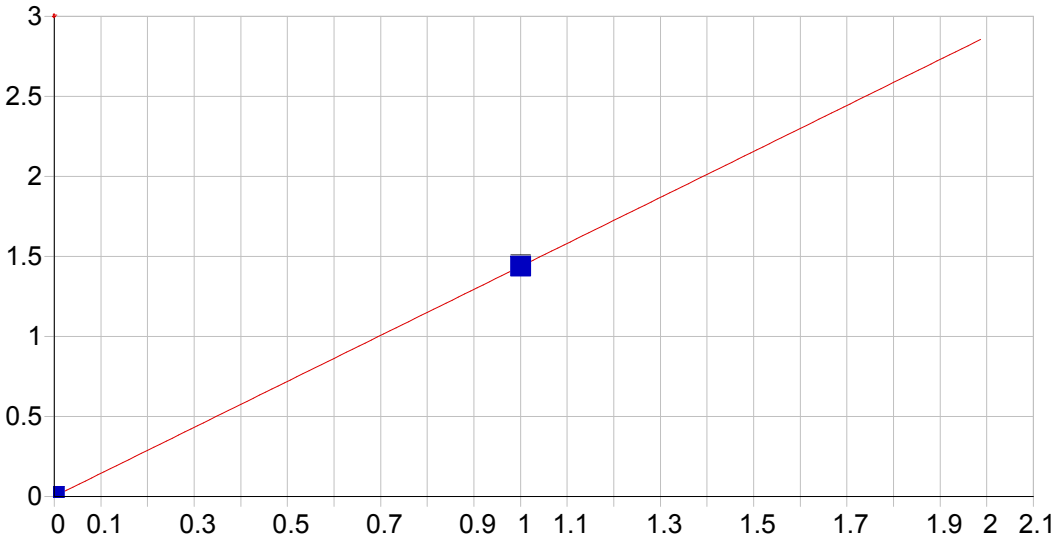


Sr 421.552 { 80}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000381	Re-Slope:	1.000000
A1 (Gain):	46.314895	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000014		
Predicted MQL:	0.000048		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00038	.000	1
S1	1.0000	1.0000	.000	.000	46.315	.384	1



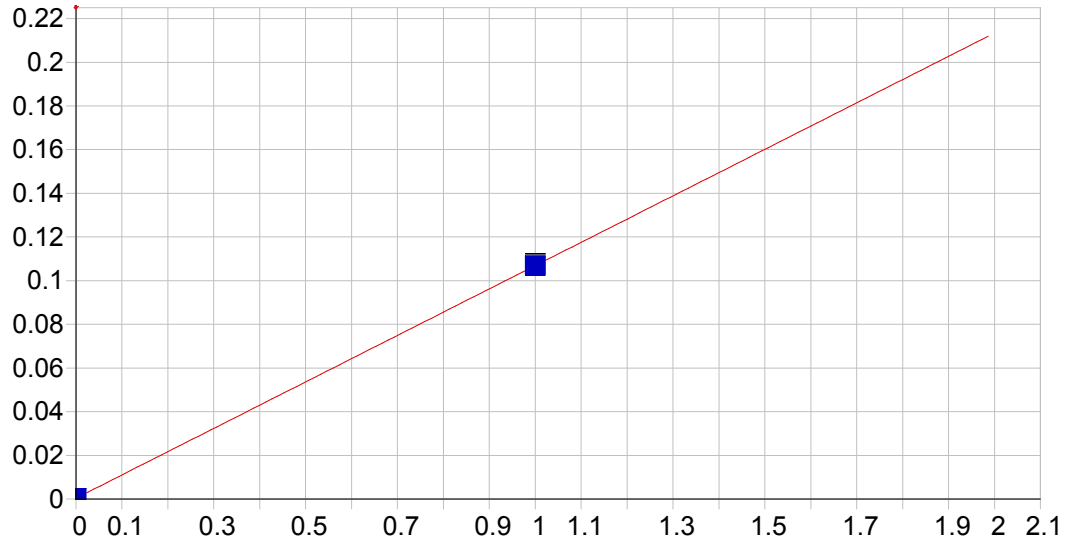
Ti 334.941 {101}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000935	Re-Slope:	1.000000
A1 (Gain):	1.436741	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000		Status:	OK.			
Std Error of Est:	0.000000						
Predicted MDL:	0.000243						
Predicted MQL:	0.000811						

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00093	.000	1
S1	1.0000	1.0000	.000	.000	1.4426	.003	1

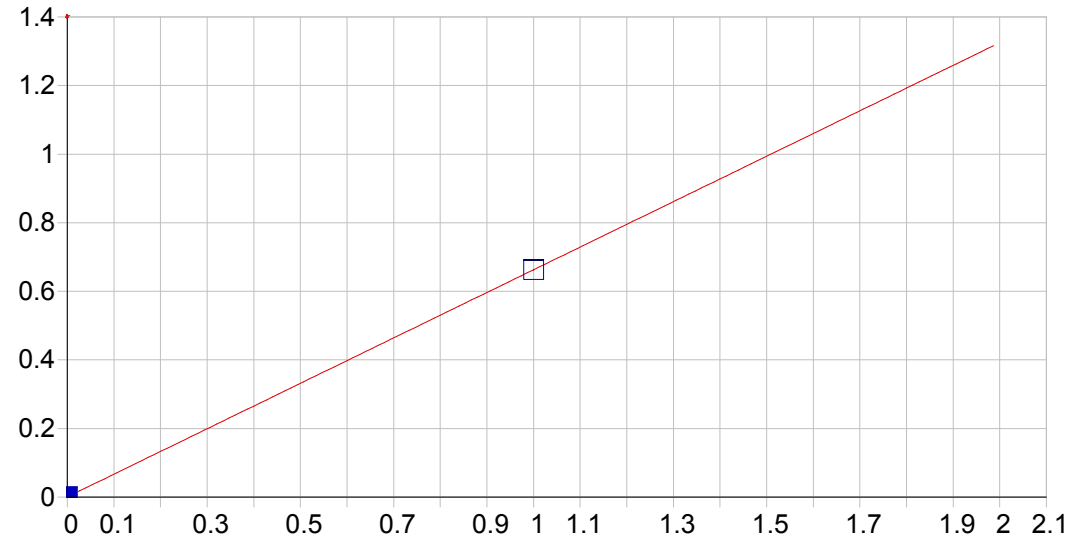


Tl 190.856 {477}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000386	Re-Slope:	1.000000
A1 (Gain):	0.106492	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.002395		
Predicted MQL:	0.007983		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00039	.000	1
S1	1.0000	1.0000	.000	.000	.10714	.001	1

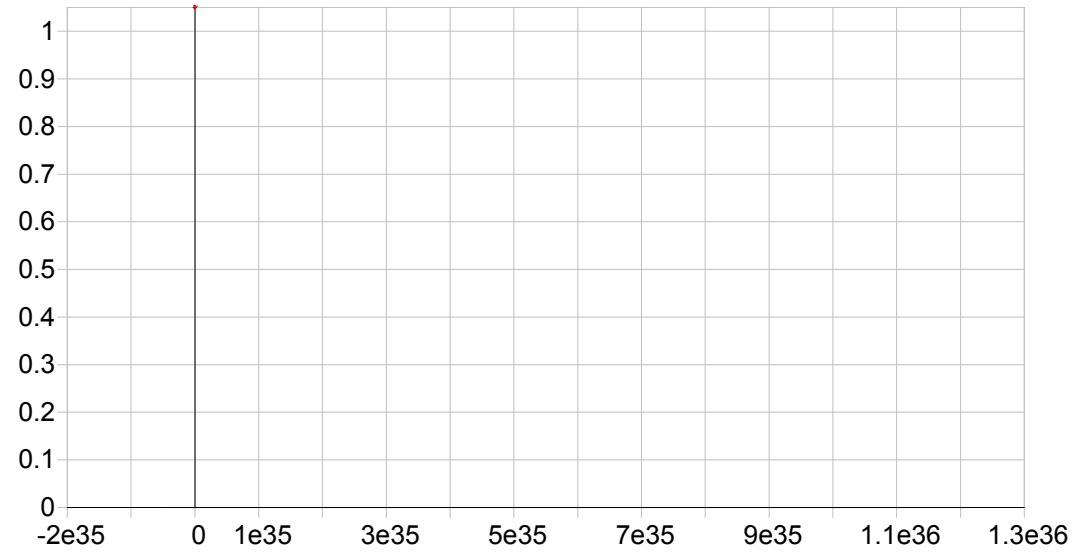


V 292.402 {115}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000627	Re-Slope:	1.000000
A1 (Gain):	0.662190	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000744		
Predicted MQL:	0.002480		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00063	.000	1
S1	1.0000	1.0000	.000	.000	.66282	.001	1



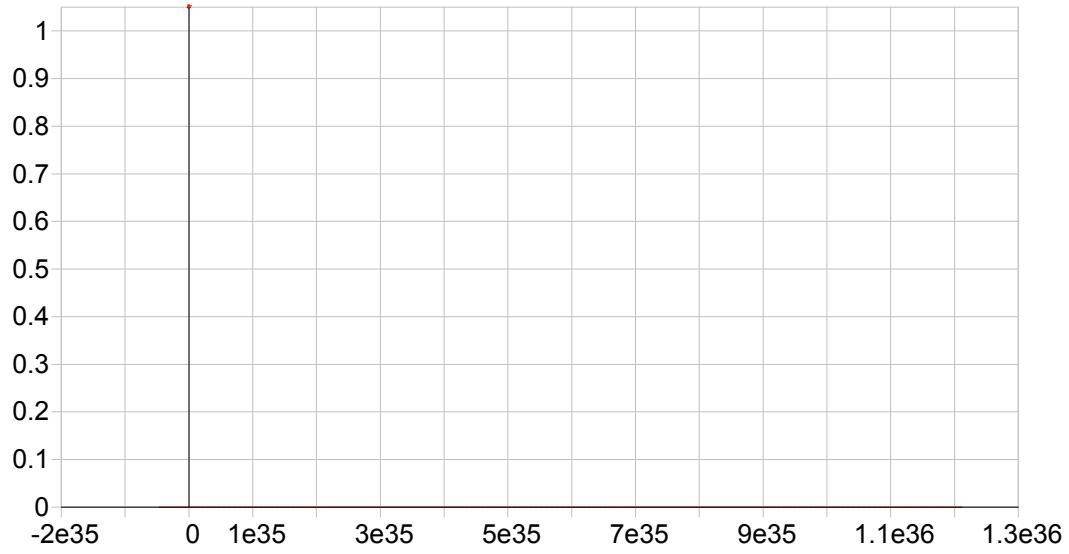
Y 224.306 {450}*

Date of Fit:	1/27/2021 10:00:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



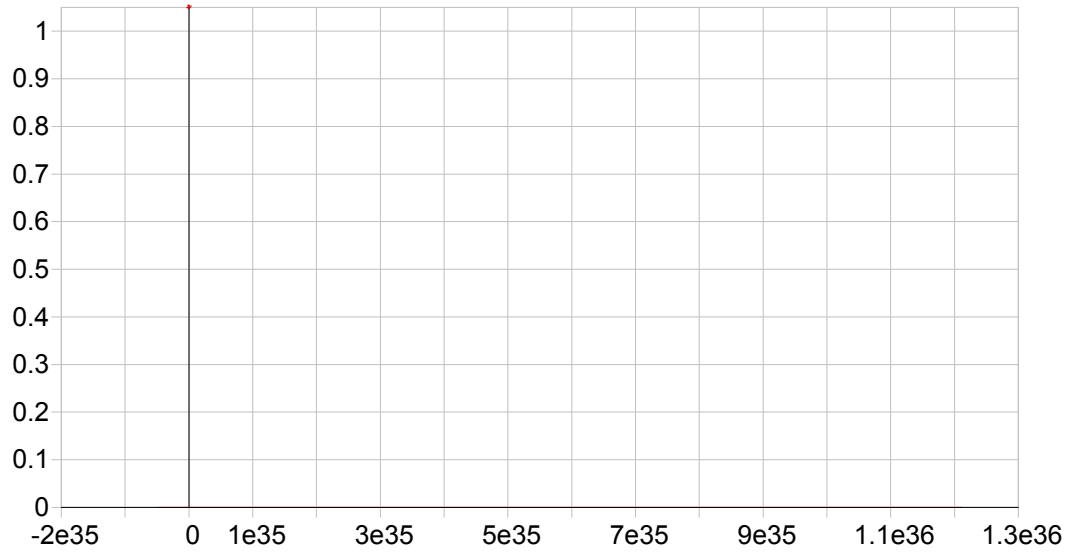
Y 360.073 { 94}*

Date of Fit:	1/27/2021 10:00:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	0.000000	Status:	Warning	Zero Gain
Std Error of Est:	0.000000			
Predicted MDL:	n/a			
Predicted MQL:	n/a			

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

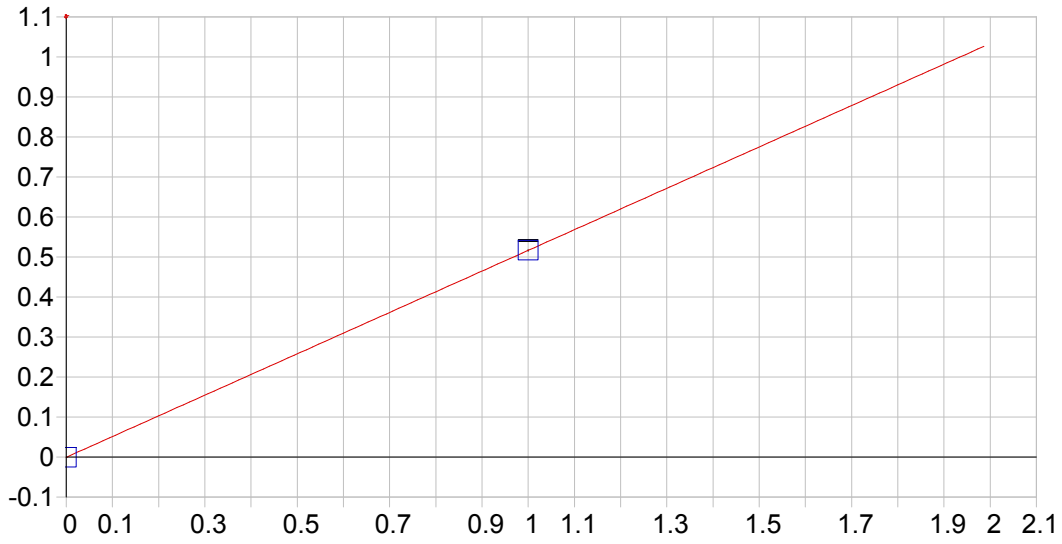


Y 371.030 { 91}*

Date of Fit:	1/27/2021 10:00:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Zn 206.200 {463}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000478	Re-Slope:	1.000000
A1 (Gain):	0.517012	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000638		
Predicted MQL:	0.002127		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00048	.000	1
S1	1.0000	1.0000	.000	.000	.51653	.002	1

Sample Name: Blank Acquired: 11/19/2021 20:34:42 Type: Cal
Method: P6111921B Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00031**	**.00231**	**-.00149**	**.01158**	**.00784**	**-.00024**	**-.00088**
Stddev	.00021	.00012	.00034	.00030	.00022	.00021	.00024
%RSD	67.784	5.3465	22.585	2.6208	2.8693	86.762	26.877
#1	.00046	.00240	-.00173	.01180	.00799	-.00009	-.00105
#2	.00016	.00223	-.00125	.01137	.00768	-.00039	-.00071

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00665**	**.0024**	**.1812**	**-.00016**	**-.00028**	**.01947**	**.00039**
Stddev	.00031	.0012	.5550	.00007	.00034	.00006	.00013
%RSD	4.7070	50.21	306.3	46.336	123.77	.29198	32.791
#1	.00687	.0032	.5736	-.00011	-.00052	.01951	.00030
#2	.00643	.0015	-.2113	-.00021	-.00003	.01943	.00048

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00023**	**.0021**	**-.00014**	**.00004**	**.00052**	**.00027**	**.00140**
Stddev	.00136	.0002	.00001	.00005	.00007	.00035	.00005
%RSD	585.15	7.657	6.4054	123.75	13.123	131.06	3.7449
#1	-.00120	.0020	-.00013	.00008	.00057	.00002	.00137
#2	.00073	.0022	-.00014	.00001	.00047	.00052	.00144

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00057**	**.00032**	**.00040**	**.00990**	**-.00004**	**-.00038**	**.00093**
Stddev	.00045	.00029	.00020	.00025	.00014	.00036	.00018
%RSD	79.186	90.281	49.774	2.5575	366.00	94.659	19.339
#1	-.00089	.00052	.00026	.01008	.00006	-.00064	.00106
#2	-.00025	.00011	.00054	.00972	-.00014	-.00013	.00081

Elem	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S
Avg	**.00039**	**.00063**	**-.00048**
Stddev	.00011	.00036	.00023
%RSD	27.343	57.732	47.530
#1	.00046	.00037	-.00064
#2	.00031	.00088	-.00032

Sample Name: Blank Acquired: 11/19/2021 20:34:42 Type: Cal
Method: P6111921B Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2111.5	978.18	6694.9	5212.6
Stddev	71.4	53.44	134.1	122.1
%RSD	3.3834	5.4627	2.0037	2.3423
#1	2162.0	1016.0	6789.8	5298.9
#2	2061.0	940.40	6600.1	5126.3

Sample Name: S1 Acquired: 11/19/2021 20:37:58 Type: Cal
Method: P6111921B Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	As1890	B_2089	Ba4554	Be2348	Bi2230	Cd2288	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.55398	.19898	1.4862	9.3042	1.4592	.22092	4.653	1.1240
Stddev	.00032	.00171	.0200	.0081	.0059	.00255	.038	.0102
%RSD	.05711	.85967	1.3488	.08743	.40237	1.1545	.8089	.90503
#1	.55420	.19777	1.4720	9.3099	1.4634	.21912	4.627	1.1168
#2	.55376	.20019	1.5004	9.2984	1.4551	.22272	4.680	1.1312

Elem	Cr2677	Cu3247	Li6707	Mn2576	Mo2020	Ni2316	Pb2203	Sb2068
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.31228	1.4958	4.619	.55690	1.2562	.28242	.22975	.46810
Stddev	.00116	.0114	.004	.00208	.0130	.00277	.00199	.00549
%RSD	.37001	.75857	.0978	.37269	1.0313	.98236	.86676	1.1734
#1	.31310	1.4877	4.616	.55836	1.2471	.28046	.22834	.46422
#2	.31147	1.5038	4.623	.55543	1.2654	.28438	.23116	.47199

Elem	Se1960	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.23696	.72679	.20870	46.315	1.4426	.10714	.66282	.51653
Stddev	.00233	.00416	.00098	.384	.0027	.00075	.00093	.00190
%RSD	.98185	.57281	.46990	.82980	.18903	.69729	.13974	.36750
#1	.23532	.72385	.20800	46.043	1.4407	.10661	.66347	.51519
#2	.23861	.72974	.20939	46.586	1.4445	.10767	.66216	.51788

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1957.0	889.68	5677.7	4373.0
Stddev	17.3	9.52	44.3	18.0
%RSD	.88488	1.0703	.78085	.41264
#1	1969.3	896.41	5709.1	4360.2
#2	1944.8	882.95	5646.4	4385.7

Sample Name: S2 Acquired: 11/19/2021 20:41:10 Type: Cal
Method: P6111921B Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3082	Ca3179	Fe2714	K_7664	Mg2790	Na5895
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2.8518**	**9.9544**	**.49110**	**8.7586**	**1.2611**	**36.685**
Stddev	.0236	.0967	.00105	.0718	.0027	.409
%RSD	.82588	.97150	.21428	.81957	.21088	1.1141
#1	2.8351	10.023	.49185	8.7078	1.2592	36.396
#2	2.8685	9.8860	.49036	8.8093	1.2630	36.974

Int. Std.	Y_3710
Units	Cts/S
Avg	**4244.3**
Stddev	3.4
%RSD	.07941
#1	4241.9
#2	4246.7

Sample Name: CE Acquired: 11/19/2021 20:44:26 Type: Cal
Method: P6111921B Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ce4040
Units	Cts/S
Avg	2232.
Stddev	13.
%RSD	.5695
#1	2223.
#2	2241.

Sample Name: S1 Acquired: 11/19/2021 20:48:03 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment: P6111921C

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.010836**	**.0174363**	**.9973069**	**.9922099**	**.9952002**	**1.018478**
Stddev	.008679	.0040452	.0117958	.0164720	.0063599	.007706
%RSD	.8586153	23.19970	1.182766	1.660137	.6390563	.7566215
#1	1.016973	.0145760	.9889660	.9805624	.9996973	1.023927
#2	1.004699	.0202967	1.005648	1.003857	.9907031	1.013029
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9922815**	**.0045805**	**.9944528**	F **.1280920**	**.9935627**	**1.007634**
Stddev	.0069106	.0033233	.0135066	.0058777	.0070754	.010691
%RSD	.6964350	72.55403	1.358198	4.588624	.7121255	1.060983
#1	.9873949	.0069304	.9849021	.1322482	.9885596	1.015194
#2	.9971680	.0022305	1.004003	.1239359	.9985658	1.000075
Check ?	Chk Pass	None	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				1.000000		
Range				-5.00000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9926906**	**.0673936**	**-.006674**	**.9887894**	**-.018706**	**1.010771**
Stddev	.0105103	.0197833	.009570	.0087783	.013035	.004180
%RSD	1.058764	29.35485	143.4002	.8877862	69.68404	.4135182
#1	.9852587	.0534047	-.013441	.9949967	-.009489	1.013726
#2	1.000123	.0813825	.000093	.9825822	-.027923	1.007815
Check ?	Chk Pass	None	None	Chk Pass	None	Chk Pass
Value						
Range						

Sample Name: S1 Acquired: 11/19/2021 20:48:03 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment: P6111921C

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9941431	.0154364	.9933778	.9979950	.9919472	.9912016
Stddev	.0105985	.0012333	.0058518	.0066989	.0135251	.0113724
%RSD	1.066091	7.989733	.5890856	.6712383	1.363486	1.147332
#1	.9866489	.0145643	.9892399	.9932581	.9823835	.9831601
#2	1.001637	.0163085	.9975157	1.002732	1.001511	.9992431
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9630259	.9892270	1.000596	.9987889	.9899970	1.000705
Stddev	.0150354	.0054400	.007634	.0020094	.0071118	.007836
%RSD	1.561264	.5499284	.7629224	.2011848	.7183667	.7830411
#1	.9523943	.9853803	1.005994	1.000210	.9849682	1.006246
#2	.9736575	.9930737	.995198	.997368	.9950258	.995164
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.9936831
Stddev	.0040592
%RSD	.4084952
#1	.9908129
#2	.9965534
Check ?	Chk Pass
Value	
Range	

Sample Name: S1 Acquired: 11/19/2021 20:48:03 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment: P6111921C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1959.820	891.3615	5714.919	4351.564
Stddev	9.190	9.2525	19.808	39.806
%RSD	.4688983	1.038014	.3465942	.9147530
#1	1966.318	897.9040	5728.925	4323.417
#2	1953.322	884.8190	5700.913	4379.712

Sample Name: S2 Acquired: 11/19/2021 20:51:12 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000376**	**100.9225**	**-.000994**	**.0016868**	**.0016133**	**.0010636**	**.0042970**
Stddev	.000033	2.0723	.001656	.0004499	.0000128	.0000064	.0000297
%RSD	8.817658	2.053358	166.7107	26.67429	.7914236	.5990356	.6905952
#1	-.000399	99.4571	-.002165	.0020050	.0016224	.0010591	.0042760
#2	-.000353	102.3878	.000178	.0013686	.0016043	.0010681	.0043180
Check ?	None	Chk Pass	None	None	None	None	None
Value							
Range							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**99.47307**	**.0002973**	**.0314524**	**-.000213**	**-.000724**	**.0011588**	**100.3659**
Stddev	.15994	.0003503	.0146336	.000150	.000234	.0001127	.3962
%RSD	.1607904	117.8322	46.52631	70.32278	32.26471	9.729028	.3948006
#1	99.58617	.0005450	.0211049	-.000319	-.000559	.0012385	100.0857
#2	99.35997	.0000496	.0418000	-.000107	-.000889	.0010790	100.6460
Check ?	Chk Pass	None	None	None	None	None	Chk Pass
Value							
Range							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**99.75428**	**.0006499**	**100.4692**	**.0007220**	**-.000717**	**100.0262**	**.0007433**
Stddev	2.38608	.0000803	1.1737	.0004463	.000070	2.8474	.0000917
%RSD	2.391959	12.34942	1.168180	61.80667	9.742327	2.846653	12.33047
#1	98.06707	.0007066	99.6393	.0004065	-.000668	98.0127	.0008081
#2	101.4415	.0005931	101.2991	.0010376	-.000766	102.0396	.0006785
Check ?	Chk Pass	None	Chk Pass	None	None	Chk Pass	None
Value							
Range							

Sample Name: S2 Acquired: 11/19/2021 20:51:12 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002161	.0001723	-.000936	.0037569	.0043727	.0005664	.0037969
Stddev	.000482	.0018067	.004405	.0009452	.0018279	.0000348	.0002293
%RSD	22.28092	1048.724	470.6644	25.15942	41.80198	6.142855	6.038655
#1	-.002502	.0014498	.002179	.0044253	.0030802	.0005910	.0039590
#2	-.001821	-.001105	-.004051	.0030885	.0056652	.0005418	.0036348
Check ?	None	None	None	None	None	None	None
Value							
Range							

Elem	TI1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0048798	-.000495	.0001796
Stddev	.0008334	.001777	.0011233
%RSD	17.07814	359.0126	625.3598
#1	.0042905	.000762	.0009740
#2	.0054691	-.001752	-.000615
Check ?	None	None	None
Value			
Range			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1545.153	805.8310	5240.841	4199.265
Stddev	21.460	11.6400	3.172	34.661
%RSD	1.388876	1.444467	.0605200	.8253958
#1	1560.328	814.0617	5238.599	4223.774
#2	1529.978	797.6003	5243.084	4174.757

Sample Name: ICV Acquired: 11/19/2021 20:54:26 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3885784**	**38.69284**	**.4033547**	**.4097481**	**.4050391**	**.4080381**
Stddev	.0040046	.28136	.0024311	.0010432	.0041563	.0024567
%RSD	1.030566	.7271581	.6027257	.2546012	1.026148	.6020693
#1	.3857468	38.49389	.4050737	.4104858	.4021001	.4063010
#2	.3914101	38.89179	.4016356	.4090105	.4079780	.4097752
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4047592**	**19.69267**	**.3990634**	F **.0773778**	**.4073453**	**.3854528**
Stddev	.0035587	.16848	.0002657	.0090888	.0009356	.0018695
%RSD	.8792267	.8555525	.0665781	11.74603	.2296873	.4850182
#1	.4072756	19.57354	.3988756	.0838045	.4066837	.3841308
#2	.4022428	19.81180	.3992513	.0709510	.4080069	.3867747
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.4000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4014165**	**20.61182**	**40.13891**	**3.234347**	**20.01833**	**3.977205**
Stddev	.0028651	.15567	.26673	.029201	.17951	.031925
%RSD	.7137455	.7552658	.6645091	.9028486	.8967084	.8027058
#1	.3993906	20.50174	39.95030	3.213699	19.89140	3.954630
#2	.4034425	20.72189	40.32751	3.254996	20.14526	3.999780
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 11/19/2021 20:54:26 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3938453**	**20.05651**	**.4100826**	**.4090912**	**.4143328**	**.4016502**
Stddev	.0005054	.15726	.0042715	.0014636	.0007032	.0017009
%RSD	.1283189	.7840626	1.041627	.3577624	.1697098	.4234811
#1	.3934879	19.94532	.4070622	.4101261	.4138356	.4004475
#2	.3942026	20.16771	.4131031	.4080563	.4148300	.4028530
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3697707**	**.4125769**	**.3967108**	**.3982705**	**.4043024**	**3.876059**
Stddev	.0022427	.0014974	.0038518	.0026110	.0020874	.044465
%RSD	.6065152	.3629418	.9709214	.6555910	.5162910	1.147175
#1	.3713565	.4115181	.3939872	.3964242	.4028265	3.844617
#2	.3681848	.4136358	.3994344	.4001168	.4057785	3.907500
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	**.4191934**
Stddev	.0032999
%RSD	.7872098
#1	.4168600
#2	.4215268
Check ?	Chk Pass
Value	
Range	

Sample Name: ICV Acquired: 11/19/2021 20:54:26 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1742.873	852.6277	5415.138	4284.991
Stddev	10.077	9.0047	44.252	11.472
%RSD	.5781649	1.056116	.8171965	.2677288
#1	1735.748	846.2604	5446.429	4293.103
#2	1749.999	858.9950	5383.847	4276.879

Sample Name: ICB Acquired: 11/19/2021 20:57:31 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000589**	**.0063834**	**-.000452**	**.0009087**	**-.000073**	**.0001076**	**.0002112**
Stddev	.000491	.0175993	.002727	.0001374	.000001	.0001532	.0014743
%RSD	83.36064	275.7030	602.7569	15.11526	1.813507	142.3028	698.0985
#1	-.000242	.0188280	-.002381	.0008116	-.000072	-.000001	-.000831
#2	-.000936	-.006061	.001476	.0010058	-.000074	.000216	.001254
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.005972**	**.0000915**	**.0017505**	**-.000001**	**.0001839**	**.0009874**	**.0508997**
Stddev	.003233	.0001957	.0058061	.000027	.0000401	.0000131	.0631760
%RSD	54.13020	213.8013	331.6898	4651.877	21.78252	1.330730	124.1185
#1	-.008258	.0002299	-.002355	.000018	.0001556	.0009967	.0062276
#2	-.003686	-.000047	.005856	-.000020	.0002123	.0009781	.0955719
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003904**	**-.000038**	**.0036639**	**.0000885**	**-.000347**	**.0065537**	**.0006176**
Stddev	.005824	.000025	.0225567	.0000899	.000357	.0012836	.0008387
%RSD	149.1822	65.17009	615.6539	101.6144	103.0716	19.58661	135.8057
#1	-.008021	-.000056	.0196139	.0001521	-.000599	.0074614	.0000245
#2	.000214	-.000021	-.012286	.0000249	-.000094	.0056460	.0012106
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: ICB Acquired: 11/19/2021 20:57:31 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002701	-.001598	-.001304	.0001021	.0025849	.0000184	.0000503
Stddev	.0014974	.001359	.002296	.0010839	.0005811	.0000006	.0001753
%RSD	554.2786	85.02698	176.0480	1061.380	22.48120	3.406081	348.8148
#1	.0013290	-.002559	.000319	.0008685	.0029959	.0000189	.0001742
#2	-.000789	-.000637	-.002928	-.000664	.0021740	.0000180	-.000074
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0007922	-.000098	-.000473
Stddev	.0000186	.000478	.000122
%RSD	2.342291	488.1411	25.74796
#1	.0007791	-.000436	-.000387
#2	.0008053	.000240	-.000559
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1973.935	882.6736	5708.135	4352.072
Stddev	5.874	5.7289	15.848	23.132
%RSD	.2975730	.6490425	.2776443	.5315073
#1	1969.782	878.6226	5719.341	4335.715
#2	1978.089	886.7245	5696.929	4368.428

Sample Name: ICVL Acquired: 11/19/2021 21:00:48 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050452	.2045342	.0128659	.0493391	.0101514	.0040248
Stddev	.0011719	.0079821	.0021715	.0005265	.0000978	.0000378
%RSD	23.22716	3.902592	16.87781	1.067123	.9633555	.9404075
#1	.0058738	.2101784	.0144013	.0489668	.0102206	.0039980
#2	.0042166	.1988900	.0113304	.0497114	.0100823	.0040516
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0507855	.1884015	.0020663	F -.003830	.0046878	.0099501
Stddev	.0005808	.0028148	.0000524	.005086	.0002428	.0002065
%RSD	1.143609	1.494025	2.533892	132.7864	5.179893	2.075730
#1	.0503748	.1864112	.0021034	-.000234	.0045161	.0100961
#2	.0511962	.1903919	.0020293	-.007426	.0048595	.0098040
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				-30.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108791	F .2842620	.4648128	.0098862	.1054969	.0098877
Stddev	.0001029	.0588331	.0054558	.0000730	.0032616	.0000423
%RSD	.9458088	20.69679	1.173759	.7379955	3.091613	.4275087
#1	.0109519	.2426607	.4686707	.0099378	.1031906	.0099176
#2	.0108064	.3258633	.4609550	.0098347	.1078031	.0098578
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		.2000000				
Range		30.00000%				

Sample Name: ICVL Acquired: 11/19/2021 21:00:48 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097106	.9708054	.0125634	.0045073	.0204749	.0100430
Stddev	.0000928	.0056049	.0003773	.0011962	.0014259	.0034545
%RSD	.9554885	.5773455	3.002997	26.54005	6.964220	34.39755
#1	.0097762	.9668422	.0122966	.0053531	.0214831	.0076003
#2	.0096450	.9747687	.0128301	.0036614	.0194666	.0124857
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1414565	.0418824	.0052060	.0049588	.0107273	.0052099
Stddev	.0004663	.0002271	.0000206	.0002747	.0006614	.0000494
%RSD	.3296719	.5422459	.3953374	5.540199	6.166067	.9485799
#1	.1411267	.0420430	.0052205	.0047646	.0111950	.0051750
#2	.1417862	.0417218	.0051914	.0051531	.0102596	.0052449
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.0211581
Stddev	.0001910
%RSD	.9028163
#1	.0212932
#2	.0210230
Check ?	Chk Pass
Value	
Range	

Sample Name: ICVL Acquired: 11/19/2021 21:00:48 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.593	899.9788	5751.830	4378.953
Stddev	8.513	7.9292	20.391	43.032
%RSD	.4291551	.8810461	.3545133	.9827074
#1	1989.613	905.5856	5737.411	4348.525
#2	1977.574	894.3720	5766.248	4409.381

Sample Name: CRI Acquired: 11/19/2021 21:04:22 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0099028**	**.3952775**	**.0187359**	**.1009987**	**.0206244**	**.0082872**	**.1012756**
Stddev	.0003159	.0028136	.0024367	.0002454	.0000325	.0003495	.0016608
%RSD	3.190018	.7117917	13.00548	.2430109	.1574990	4.216841	1.639864
#1	.0101261	.3932880	.0170129	.1008251	.0206474	.0085344	.1001013
#2	.0096794	.3972670	.0204589	.1011722	.0206014	.0080401	.1024500
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3877557**	**.0040847**	**.0050704**	**.0094707**	**.0201961**	**.0214963**	**.4295737**
Stddev	.0063898	.0003474	.0088579	.0000779	.0003023	.0003523	.0245957
%RSD	1.647902	8.505009	174.6988	.8226967	1.497042	1.638727	5.725595
#1	.3832373	.0038390	.0113338	.0094156	.0199823	.0212472	.4121819
#2	.3922739	.0043303	-.001193	.0095258	.0204099	.0217453	.4469654
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9562895**	**.0183348**	**.2072281**	**.0207625**	**.0200448**	**1.959525**	**.0215669**
Stddev	.0157687	.0001480	.0042841	.0002047	.0003839	.009911	.0002740
%RSD	1.648945	.8072372	2.067336	.9860190	1.915017	.5057689	1.270302
#1	.9451394	.0184395	.2102574	.0206178	.0203163	1.966533	.0217606
#2	.9674397	.0182302	.2041988	.0209073	.0197734	1.952517	.0213732
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Sample Name: CRI Acquired: 11/19/2021 21:04:22 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101459	.0414754	.0200860	.3074229	.0822970	.0103822	.0100156
Stddev	.0007801	.0017493	.0013136	.0017626	.0002413	.0000051	.0002073
%RSD	7.688419	4.217774	6.539921	.5733542	.2931538	.0488344	2.069725
#1	.0106975	.0402384	.0210148	.3061765	.0824677	.0103786	.0098690
#2	.0095943	.0427124	.0191571	.3086692	.0821265	.0103858	.0101621
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0208752	.0101283	.0406887
Stddev	.0011295	.0003790	.0006088
%RSD	5.410871	3.742421	1.496240
#1	.0200765	.0098603	.0411192
#2	.0216739	.0103963	.0402582
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1964.002	888.5667	5734.171	4365.284
Stddev	8.802	8.1499	1.069	22.762
%RSD	.4481625	.9171963	.0186474	.5214437
#1	1970.226	894.3296	5733.414	4349.188
#2	1957.779	882.8039	5734.927	4381.379

Sample Name: ICSA Acquired: 11/19/2021 21:07:37 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005594	535.9063	.0019263	-.001412	.0083189	.0021017
Stddev	.0003709	.9772	.0035798	.001144	.0000157	.0003248
%RSD	66.30407	.1823511	185.8377	81.03677	.1889661	15.45135
#1	.0002971	535.2153	-.000605	-.000603	.0083300	.0023314
#2	.0008217	536.5973	.004458	-.002221	.0083078	.0018721
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088429	519.7770	.0001667	F .1203441	-.000325	-.001512
Stddev	.0005174	5.6332	.0000362	.0134451	.000686	.000954
%RSD	5.850657	1.083767	21.71210	11.17222	210.9679	63.08773
#1	.0084771	515.7938	.0001924	.1108370	-.000810	-.002187
#2	.0092088	523.7603	.0001411	.1298512	.000160	-.000838
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000151	204.6209	-.070693	.0014651	518.1606	.0029683
Stddev	.000467	2.7093	.020943	.0001107	2.6780	.0004154
%RSD	309.1204	1.324067	29.62575	7.558153	.5168204	13.99624
#1	.000179	202.7051	-.055884	.0015434	516.2670	.0026745
#2	-.000481	206.5366	-.085503	.0013868	520.0542	.0032620
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA Acquired: 11/19/2021 21:07:37 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006431	.0366601	.0022391	.0008709	-.009728	-.003710
Stddev	.0014910	.0012758	.0012389	.0002627	.002009	.004723
%RSD	231.8480	3.480174	55.32796	30.16581	20.65402	127.3179
#1	-.000411	.0375622	.0013631	.0006851	-.008307	-.007049
#2	.001697	.0357579	.0031151	.0010566	-.011149	-.000370
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013398	.0079102	.0016805	.0025960	.0081800	-.002231
Stddev	.004345	.0039728	.0001012	.0000789	.0034574	.000999
%RSD	32.42767	50.22411	6.023267	3.037492	42.26666	44.77836
#1	-.010325	.0051010	.0017521	.0026518	.0057352	-.002938
#2	-.016470	.0107194	.0016089	.0025403	.0106247	-.001525
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0009388
Stddev	.0006239
%RSD	66.45123
#1	.0013800
#2	.0004977
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: ICSA Acquired: 11/19/2021 21:07:37 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1388.111	782.1115	4974.996	3856.544
Stddev	4.646	.7970	3.947	13.845
%RSD	.3346676	.1019028	.0793466	.3590061
#1	1391.396	782.6751	4972.204	3846.754
#2	1384.826	781.5480	4977.787	3866.334

Sample Name: ICSAB Acquired: 11/19/2021 21:10:57 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2168902**	**533.2577**	**.0966510**	**-.001635**	**.5352028**	**.5659243**
Stddev	.0008957	7.0443	.0054996	.000861	.0057087	.0026667
%RSD	.4129538	1.320991	5.690168	52.68080	1.066639	.4712064
#1	.2175235	528.2767	.0927622	-.002244	.5311662	.5640387
#2	.2162569	538.2388	.1005398	-.001026	.5392395	.5678099
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0081871**	**528.5076**	**1.028371**	F **.1376509**	**.5139532**	**.4532152**
Stddev	.0012199	18.6252	.007537	.0006678	.0007097	.0034613
%RSD	14.89989	3.524118	.7328896	.4851490	.1380849	.7637239
#1	.0073245	515.3375	1.023041	.1381231	.5134514	.4556627
#2	.0090497	541.6776	1.033700	.1371787	.5144550	.4507677
Check ?	None	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.2000000		
Range				-20.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5443697**	**203.5158**	**-.080375**	**.0014003**	**511.6143**	**.5166397**
Stddev	.0073768	2.0051	.016544	.0001866	4.3037	.0029969
%RSD	1.355114	.9852248	20.58346	13.32795	.8411909	.5800781
#1	.5495859	202.0980	-.068677	.0015322	508.5712	.5145205
#2	.5391535	204.9336	-.092074	.0012683	514.6575	.5187588
Check ?	Chk Pass	Chk Pass	None	None	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICSAB Acquired: 11/19/2021 21:10:57 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000650	.0350083	1.002561	.0491147	.5788849	.0512466
Stddev	.001031	.0006281	.004837	.0014610	.0054113	.0018778
%RSD	158.6171	1.794140	.4824914	2.974638	.9347758	3.664274
#1	-.001379	.0354525	.999140	.0480816	.5750585	.0499188
#2	.000079	.0345642	1.005981	.0501477	.5827112	.0525744
Check ?	None	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047792	.0106481	.0017256	.0026699	.0967585	.4636329
Stddev	.0009562	.0019286	.0003711	.0002108	.0013134	.0087212
%RSD	20.00674	18.11219	21.50419	7.894142	1.357435	1.881051
#1	.0041031	.0120118	.0019880	.0025208	.0976872	.4697997
#2	.0054554	.0092844	.0014632	.0028189	.0958297	.4574662
Check ?	None	None	None	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	1.019790
Stddev	.004413
%RSD	.4327530
#1	1.016669
#2	1.022910
Check ?	Chk Pass
Value	
Range	

Sample Name: ICSAB Acquired: 11/19/2021 21:10:57 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1372.590	759.5761	4952.089	3910.513
Stddev	5.790	6.0085	37.812	3.623
%RSD	.4218184	.7910389	.7635650	.0926441
#1	1376.684	763.8248	4925.351	3913.075
#2	1368.496	755.3274	4978.826	3907.952

Sample Name: CCV Acquired: 11/19/2021 21:14:07 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5005056**	**48.84413**	**.5129275**	**.5023140**	**.5075563**	**.5159510**
Stddev	.0009766	.11565	.0024875	.0021456	.0003796	.0012102
%RSD	.1951209	.2367709	.4849534	.4271368	.0747949	.2345588
#1	.4998150	48.76236	.5146864	.5007968	.5072879	.5150953
#2	.5011961	48.92591	.5111686	.5038312	.5078247	.5168068
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5132862**	**24.47845**	**.5001894**	F **.0949774**	**.5193167**	**.4842329**
Stddev	.0012832	.08403	.0022013	.0055179	.0051449	.0104771
%RSD	.2499926	.3432943	.4400945	5.809721	.9907150	2.163639
#1	.5141935	24.41903	.5017460	.0988791	.5229548	.4768245
#2	.5123788	24.53787	.4986329	.0910756	.5156787	.4916413
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5053672**	**24.99295**	**49.24334**	**3.942171**	**24.68131**	**5.010981**
Stddev	.0013039	.15063	.29663	.023005	.12774	.020514
%RSD	.2580086	.6026720	.6023792	.5835724	.5175710	.4093713
#1	.5062891	24.88644	49.45310	3.958438	24.59098	4.996476
#2	.5044452	25.09945	49.03360	3.925903	24.77163	5.025486
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/19/2021 21:14:07 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4904607	24.87656	.5184436	.5178339	.4901521	.4999723
Stddev	.0000948	.13218	.0024639	.0029443	.0005807	.0027066
%RSD	.0193206	.5313339	.4752389	.5685762	.1184750	.5413448
#1	.4905277	24.97003	.5201858	.5199159	.4905627	.5018861
#2	.4903937	24.78310	.5167014	.5157520	.4897415	.4980584
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .3026333	.5235273	.4926682	.4946865	.5022795	4.834001
Stddev	.0011122	.0053079	.0004855	.0023362	.0055320	.017256
%RSD	.3675117	1.013873	.0985511	.4722594	1.101382	.3569680
#1	.3034198	.5272806	.4923249	.4930346	.5061912	4.821799
#2	.3018469	.5197741	.4930116	.4963385	.4983678	4.846203
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	.5211996
Stddev	.0067056
%RSD	1.286578
#1	.5259413
#2	.5164580
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/19/2021 21:14:07 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1691.302	836.3617	5402.491	4292.488
Stddev	4.653	7.0787	14.048	12.606
%RSD	.2750957	.8463651	.2600351	.2936758
#1	1694.592	841.3671	5392.557	4283.574
#2	1688.012	831.3563	5412.425	4301.402

Sample Name: CCB Acquired: 11/19/2021 21:17:11 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000189**	**.0289016**	**-.000665**	**.0008620**	**-.000051**	**.0000324**	**.0008339**
Stddev	.000082	.0014135	.000980	.0000883	.000063	.0001161	.0009767
%RSD	43.19295	4.890700	147.4294	10.24477	123.7014	358.6070	117.1252
#1	-.000247	.0299011	.000028	.0009244	-.000006	-.000050	.0015245
#2	-.000132	.0279021	-.001358	.0007995	-.000095	.000114	.0001433
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0039754**	**-.000021**	**.0027852**	**-.000225**	**.0000851**	**.0011545**	**.0188840**
Stddev	.0033013	.000012	.0039002	.000078	.0009565	.0003752	.0252692
%RSD	83.04242	54.27980	140.0332	34.71941	1123.862	32.49952	133.8125
#1	.0016411	-.000029	.0055430	-.000280	-.000591	.0014199	.0010160
#2	.0063098	-.000013	.0000273	-.000169	.000761	.0008892	.0367520
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.025250**	**.0001151**	**.0029500**	**-.000201**	**-.000178**	**.0041158**	**.0004518**
Stddev	.001817	.0002539	.0188944	.000345	.000389	.0008003	.0017040
%RSD	7.196529	220.6464	640.4937	171.5264	218.0692	19.44493	377.1682
#1	-.023965	-.000064	.0163103	.000043	-.000454	.0035499	.0016567
#2	-.026535	.000295	-.010410	-.000445	.000097	.0046817	-.000753
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 11/19/2021 21:17:11 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000577	-.000575	-.000991	-.001260	.0011480	.0000378	.0000864
Stddev	.000590	.000436	.002394	.000768	.0009159	.0000051	.0000060
%RSD	102.3483	75.86661	241.4791	60.94092	79.77977	13.47021	6.972356
#1	-.000994	-.000884	-.002684	-.001803	.0005004	.0000414	.0000906
#2	-.000159	-.000267	.000701	-.000717	.0017956	.0000342	.0000821
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0003872	.0003115	.0009234
Stddev	.0023903	.0009311	.0006389
%RSD	617.2744	298.9163	69.18328
#1	-.001303	-.000347	.0013752
#2	.002077	.000970	.0004717
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1971.908	886.9487	5720.202	4342.012
Stddev	10.455	5.8489	20.306	4.378
%RSD	.5302065	.6594410	.3549888	.1008269
#1	1979.301	891.0845	5705.844	4338.916
#2	1964.515	882.8130	5734.561	4345.107

Sample Name: ICVL Acquired: 11/19/2021 21:20:28 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046723	.2126511	.0086239	.0494210	.0101064	.0040470
Stddev	.0000621	.0130580	.0005422	.0007217	.0001302	.0000857
%RSD	1.329183	6.140550	6.287184	1.460267	1.288737	2.117594
#1	.0046283	.2034177	.0082405	.0489107	.0100143	.0041075
#2	.0047162	.2218845	.0090073	.0499313	.0101985	.0039864
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0519071	.1869249	.0020873	F -.003722	.0048287	.0098078
Stddev	.0001005	.0045813	.0000732	.001792	.0000755	.0010392
%RSD	.1935732	2.450857	3.504350	48.16134	1.564600	10.59528
#1	.0518360	.1836855	.0020356	-.004989	.0047753	.0105426
#2	.0519781	.1901644	.0021391	-.002454	.0048821	.0090730
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				-30.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115926	.2255492	.4657812	.0098375	.0912471	.0095372
Stddev	.0004737	.0386532	.0219920	.0003081	.0236788	.0000939
%RSD	4.086204	17.13735	4.721531	3.132210	25.95022	.9841603
#1	.0119276	.1982173	.4502306	.0096196	.1079905	.0094709
#2	.0112577	.2528811	.4813320	.0100553	.0745036	.0096036
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICVL Acquired: 11/19/2021 21:20:28 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095926	.9825135	.0107197	.0052803	.0219261	.0096069
Stddev	.0000668	.0197917	.0005941	.0003295	.0002788	.0024726
%RSD	.6960743	2.014389	5.542551	6.240225	1.271633	25.73807
#1	.0096399	.9685187	.0102996	.0050473	.0217289	.0078584
#2	.0095454	.9965083	.0111398	.0055133	.0221233	.0113553
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1431092	.0417528	.0053279	.0050362	.0102651	.0052054
Stddev	.0006521	.0002068	.0000994	.0002329	.0010757	.0001313
%RSD	.4556294	.4953652	1.865810	4.624861	10.47948	2.522688
#1	.1426482	.0416066	.0053982	.0052010	.0095044	.0051125
#2	.1435703	.0418991	.0052576	.0048715	.0110258	.0052982
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.0210904
Stddev	.0000893
%RSD	.4234780
#1	.0211535
#2	.0210272
Check ?	Chk Pass
Value	
Range	

Sample Name: ICVL Acquired: 11/19/2021 21:20:28 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.366	884.1264	5637.642	4438.309
Stddev	6.931	7.1194	58.780	64.924
%RSD	.3533681	.8052446	1.042641	1.462803
#1	1966.267	889.1606	5596.078	4484.217
#2	1956.466	879.0922	5679.206	4392.401

Sample Name: MRL Acquired: 11/19/2021 21:23:45 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050151	.1978496	.0118103	.0500372	.0105276	.0041995
Stddev	.0003571	.0095352	.0007686	.0004128	.0000060	.0000898
%RSD	7.120056	4.819433	6.507733	.8249120	.0572689	2.138348
#1	.0052676	.1911072	.0123537	.0503291	.0105318	.0041360
#2	.0047626	.2045921	.0112668	.0497453	.0105233	.0042630
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0528347	.1832326	.0020286	F -.000815	.0048015	.0101169
Stddev	.0001967	.0006151	.0000245	.000950	.0001459	.0007008
%RSD	.3722877	.3356657	1.205932	116.5374	3.037996	6.927210
#1	.0526956	.1827977	.0020459	-.000143	.0049047	.0096214
#2	.0529738	.1836675	.0020113	-.001487	.0046984	.0106125
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				-30.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113840	.1968124	.4791819	.0105340	.1029429	.0097973
Stddev	.0000476	.0239913	.0027692	.0002797	.0025910	.0006502
%RSD	.4179326	12.18994	.5779012	2.655056	2.516898	6.636444
#1	.0113504	.2137768	.4772238	.0103362	.1047749	.0093376
#2	.0114176	.1798480	.4811400	.0107317	.1011108	.0102571
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: MRL Acquired: 11/19/2021 21:23:45 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095748	1.009653	.0112057	F .0068149	.0208540	.0091145
Stddev	.0002963	.003084	.0010742	.0006868	.0012625	.0008236
%RSD	3.094706	.3054571	9.585857	10.07734	6.053985	9.035705
#1	.0093653	1.007472	.0104461	.0063293	.0217468	.0096968
#2	.0097843	1.011833	.0119652	.0073005	.0199613	.0085322
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				30.00000%		

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1421465	.0427795	.0052586	.0048336	.0107171	.0050299
Stddev	.0019571	.0008001	.0000070	.0001696	.0005805	.0000715
%RSD	1.376791	1.870287	.1336716	3.508051	5.416811	1.421697
#1	.1407626	.0422138	.0052536	.0047137	.0111276	.0050805
#2	.1435303	.0433453	.0052636	.0049535	.0103066	.0049794
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.0200154
Stddev	.0001517
%RSD	.7580443
#1	.0201227
#2	.0199082
Check ?	Chk Pass
Value	
Range	

Sample Name: MRL Acquired: 11/19/2021 21:23:45 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1963.278	888.9121	5723.944	4344.337
Stddev	6.320	.1371	17.754	5.171
%RSD	.3219231	.0154253	.3101631	.1190184
#1	1967.747	889.0091	5736.498	4340.681
#2	1958.809	888.8152	5711.391	4347.993

Sample Name: LRC Acquired: 11/19/2021 21:27:24 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010369**	**.0045709**	**-.003772**	**5.018907**	**5.122136**	**5.170414**
Stddev	.0003802	.0184072	.003309	.139276	.111067	.004147
%RSD	36.66925	402.7094	87.73832	2.775031	2.168378	.0802097
#1	.0013058	.0175867	-.001432	4.920424	5.043599	5.173347
#2	.0007681	-.008445	-.006112	5.117390	5.200672	5.167482
Check ?	None	None	None	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.025335**	**.0162533**	**4.974224**	**.1263333**	**2.019824**	**2.040567**
Stddev	.150257	.0022872	.125719	.0045414	.048749	.002707
%RSD	2.989981	14.07230	2.527415	3.594799	2.413508	.1326804
#1	4.919087	.0178705	4.885327	.1295445	1.985353	2.042481
#2	5.131582	.0146360	5.063121	.1231220	2.054294	2.038652
Check ?	Chk Pass	None	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.969173**	**.1784290**	**-.021881**	**5.052526**	**-.030962**	**5.170308**
Stddev	.003776	.0199271	.007718	.110959	.000301	.009170
%RSD	.1917563	11.16806	35.27332	2.196100	.9717848	.1773653
#1	1.971843	.1643384	-.016423	4.974066	-.031174	5.176792
#2	1.966502	.1925195	-.027338	5.130985	-.030749	5.163823
Check ?	Chk Pass	None	None	Chk Pass	None	Chk Pass
Value						
Range						

Sample Name: LRC Acquired: 11/19/2021 21:27:24 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.508755**	**.0177490**	**5.151261**	**5.142212**	**5.237252**	**5.083263**
Stddev	.038970	.0029075	.130961	.123856	.147652	.154688
%RSD	2.582921	16.38133	2.542309	2.408614	2.819261	3.043077
#1	1.481200	.0156931	5.058657	5.054633	5.132847	4.973882
#2	1.536311	.0198050	5.243864	5.229791	5.341658	5.192644
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **3.920890**	**5.130249**	**1.961135**	**1.991662**	**5.025633**	**5.006972**
Stddev	.123065	.127450	.024689	.001906	.135958	.014184
%RSD	3.138700	2.484279	1.258891	.0956890	2.705283	.2832908
#1	3.833870	5.040128	1.978593	1.990315	4.929496	5.017002
#2	4.007910	5.220369	1.943678	1.993010	5.121770	4.996943
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	5.000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**5.129136**
Stddev	.106413
%RSD	2.074670
#1	5.053891
#2	5.204381
Check ?	Chk Pass
Value	
Range	

Sample Name: LRC Acquired: 11/19/2021 21:27:24 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1868.714	872.0235	5585.726	4282.910
Stddev	37.289	18.4974	37.374	16.847
%RSD	1.995411	2.121204	.6690911	.3933471
#1	1895.081	885.1031	5612.153	4294.822
#2	1842.347	858.9438	5559.299	4270.997

Sample Name: mb 500-629717/1-a Acquired: 11/19/2021 21:31:00 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000468**	**.0291101**	**-.003796**	**.0062569**	**.0006772**	**.0002987**	**-.011166**
Stddev	.000187	.0034868	.001391	.0006784	.0000528	.0000510	.000972
%RSD	39.91688	11.97789	36.64109	10.84191	7.798467	17.06931	8.700442
#1	-.000600	.0266446	-.004780	.0067366	.0007145	.0003347	-.011853
#2	-.000336	.0315756	-.002813	.0057773	.0006398	.0002627	-.010479
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0200745**	**.0007862**	**-.003284**	**-.000714**	**.0051056**	**.0022697**	**.1199119**
Stddev	.0028845	.0002421	.004176	.000260	.0004997	.0000672	.0031154
%RSD	14.36879	30.79299	127.1938	36.37763	9.787565	2.961453	2.598080
#1	.0180349	.0009574	-.006237	-.000530	.0054590	.0023172	.1177089
#2	.0221141	.0006150	-.000330	-.000897	.0047523	.0022221	.1221148
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003451**	**.0005076**	**-.006492**	**.0007438**	**.0007504**	**.1005471**	**-.001573**
Stddev	.008104	.0000708	.011873	.0003072	.0000902	.0001547	.000385
%RSD	234.8559	13.94635	182.8863	41.30652	12.01698	.1538745	24.48505
#1	.002280	.0004576	-.014888	.0005265	.0006866	.1004377	-.001301
#2	-.009181	.0005577	.001904	.0009610	.0008142	.1006564	-.001845
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: mb 500-629717/1-a Acquired: 11/19/2021 21:31:00 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002012	.0034665	-.001689	.0178803	.0182276	.0002547	.0012101
Stddev	.000771	.0002531	.001931	.0005436	.0029424	.0000087	.0000669
%RSD	38.29463	7.301118	114.3038	3.040178	16.14275	3.417068	5.531696
#1	-.001467	.0036455	-.000324	.0174959	.0161470	.0002609	.0012575
#2	-.002557	.0032875	-.003055	.0182647	.0203082	.0002485	.0011628
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.003001	.0003493	.0030582
Stddev	.000456	.0003685	.0002860
%RSD	15.19879	105.5031	9.352619
#1	-.002679	.0006099	.0028559
#2	-.003324	.0000887	.0032604
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1955.938	879.4240	5649.130	4165.039
Stddev	58.286	27.1171	13.338	3.728
%RSD	2.979926	3.083502	.2361078	.0895004
#1	1997.152	898.5987	5639.699	4162.403
#2	1914.724	860.2494	5658.561	4167.675

Sample Name: lcs 500-629717/2-a Acquired: 11/19/2021 21:34:17 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0456263	1.860666	.0853388	.8048101	1.952383	.0488593	.4384378
Stddev	.0006790	.017561	.0025439	.0040180	.008507	.0010675	.0020607
%RSD	1.488096	.9437973	2.980955	.4992472	.4357020	2.184815	.4700068
#1	.0461064	1.848249	.0835400	.8019690	1.946368	.0481045	.4369807
#2	.0451462	1.873083	.0871376	.8076513	1.958398	.0496141	.4398949
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.122758	.0450392	.0459108	.4688116	.1964504	.2415770	1.111141
Stddev	.226832	.0001809	.0113230	.0028458	.0048692	.0030180	.043329
%RSD	2.486444	.4017439	24.66310	.6070177	2.478591	1.249269	3.899506
#1	8.962363	.0449113	.0379042	.4667994	.1998934	.2437111	1.080503
#2	9.283152	.0451672	.0539174	.4708239	.1930073	.2394430	1.141779
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.611669	.5046913	9.285756	.4743062	.9795928	9.968898	.4752594
Stddev	.043382	.0020644	.021192	.0079254	.0066483	.039171	.0043236
%RSD	.4513436	.4090412	.2282246	1.670943	.6786851	.3929300	.9097380
#1	9.642344	.5061511	9.270771	.4687021	.9748918	9.996596	.4722021
#2	9.580993	.5032316	9.300742	.4799102	.9842939	9.941200	.4783166
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: lcs 500-629717/2-a Acquired: 11/19/2021 21:34:17 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0887536	.4719165	.0775798	1.995378	.9545472	.9371157	.9808860
Stddev	.0008683	.0039917	.0000253	.005580	.0029075	.0034479	.0164161
%RSD	.9783361	.8458571	.0325643	.2796677	.3045987	.3679226	1.673599
#1	.0881396	.4690940	.0775620	1.991432	.9524912	.9395537	.9924939
#2	.0893676	.4747391	.0775977	1.999324	.9566031	.9346777	.9692780
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0872636	.4780992	.4606576
Stddev	.0002883	.0089456	.0023627
%RSD	.3303668	1.871078	.5128946
#1	.0874674	.4844247	.4589870
#2	.0870597	.4717737	.4623283
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.586	859.4389	5573.597	4181.096
Stddev	4.703	1.9903	58.690	18.966
%RSD	.2568953	.2315861	1.053007	.4536048
#1	1833.911	860.8463	5532.096	4167.685
#2	1827.261	858.0315	5615.097	4194.507

Sample Name: 500-208392-a-1-a Acquired: 11/19/2021 21:37:31 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017224**	**81.22306**	**.1400200**	**.0232182**	**.7659146**	**.0057664**	**-.005520**
Stddev	.0004683	.87556	.0006299	.0009293	.0078754	.0001330	.002434
%RSD	27.18905	1.077975	.4498582	4.002353	1.028240	2.305687	44.08948
#1	.0020535	80.60394	.1404654	.0238752	.7603458	.0058604	-.003799
#2	.0013912	81.84217	.1395746	.0225610	.7714834	.0056724	-.007241
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**27.10392**	**.0022366**	**.5425502**	**.0839329**	**.1228568**	**.1906891**	**114.2209**
Stddev	.13711	.0000666	.0019665	.0002843	.0020904	.0016709	.2299
%RSD	.5058581	2.975425	.3624529	.3387719	1.701476	.8762661	.2012648
#1	27.20086	.0021895	.5411596	.0841340	.1213787	.1895076	114.0583
#2	27.00697	.0022836	.5439407	.0837319	.1243349	.1918706	114.3834
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.744173**	**.0652470**	**16.93295**	**7.971295**	**.0079926**	**.3818909**	**.1114866**
Stddev	.130726	.0007639	.10980	.012216	.0000266	.0065589	.0008436
%RSD	1.688056	1.170708	.6484352	.1532540	.3329565	1.717475	.7566673
#1	7.651736	.0647069	16.85531	7.962657	.0079738	.3772530	.1120831
#2	7.836610	.0657871	17.01059	7.979934	.0080114	.3865287	.1108901
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-1-a Acquired: 11/19/2021 21:37:31 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2673820	.0039541	.0018975	1.306812	.0247166	.0632382	1.193355
Stddev	.0016813	.0010008	.0030286	.000764	.0005252	.0004740	.010339
%RSD	.6287984	25.31116	159.6113	.0584318	2.124782	.7495922	.8663905
#1	.2685708	.0046618	.0040390	1.306272	.0243453	.0629030	1.186044
#2	.2661931	.0032464	-.000244	1.307352	.0250880	.0635734	1.200666
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0023365	.1852619	.4727474
Stddev	.0024034	.0025208	.0019991
%RSD	102.8658	1.360655	.4228620
#1	.0006370	.1834794	.4741610
#2	.0040360	.1870443	.4713338
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1730.239	941.2489	6042.746	4496.289
Stddev	2.114	.1393	9.656	4.938
%RSD	.1221733	.0147952	.1597872	.1098333
#1	1728.744	941.3474	6049.573	4492.797
#2	1731.734	941.1504	6035.918	4499.781

Sample Name: 500-208392-a-1-aSD@5 Acquired: 11/19/2021 21:40:40 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000339**	**17.63783**	**.0309337**	**.0062445**	**.1648241**	**.0012746**	**-.001696**
Stddev	.001144	.11998	.0007500	.0001873	.0019794	.0000347	.000050
%RSD	337.9537	.6802322	2.424576	2.999581	1.200897	2.724862	2.957335
#1	.000471	17.55299	.0314640	.0063769	.1634245	.0012500	-.001661
#2	-.001148	17.72267	.0304033	.0061120	.1662238	.0012992	-.001732
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.011753**	**.0005620**	**.1085008**	**.0167577**	**.0276601**	**.0414191**	**25.15641**
Stddev	.064946	.0002326	.0041926	.0002297	.0006892	.0000790	.06895
%RSD	1.080323	41.38723	3.864135	1.370584	2.491728	.1906859	.2740896
#1	6.057677	.0003975	.1114654	.0165953	.0281475	.0414750	25.20516
#2	5.965829	.0007264	.1055362	.0169201	.0271728	.0413633	25.10765
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.691642**	**.0140462**	**3.749229**	**1.775222**	**.0012863**	**.0876714**	**.0235123**
Stddev	.062781	.0006423	.053306	.003430	.0001635	.0002423	.0003415
%RSD	3.711262	4.572427	1.421790	.1932342	12.71041	.2763478	1.452495
#1	1.647249	.0135920	3.711536	1.777647	.0014019	.0875001	.0237538
#2	1.736035	.0145003	3.786922	1.772796	.0011707	.0878427	.0232708
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-1-aSD@5 Acquired: 11/19/2021 21:40:40 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0588928	.0001314	-.001182	.2980778	.0064372	.0141075	.2637181
Stddev	.0013041	.0000888	.000080	.0058315	.0000434	.0000108	.0011726
%RSD	2.214304	67.58749	6.807889	1.956370	.6743916	.0764704	.4446365
#1	.0598149	.0001942	-.001125	.2939543	.0064679	.0140999	.2628890
#2	.0579707	.0000686	-.001239	.3022013	.0064065	.0141152	.2645472
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000222	.0407074	.0978709
Stddev	.000471	.0004824	.0012637
%RSD	212.3154	1.185092	1.291193
#1	-.000555	.0403663	.0969773
#2	.000111	.0410485	.0987645
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1860.703	887.2381	5834.885	4398.631
Stddev	35.283	20.6211	22.305	3.253
%RSD	1.896201	2.324194	.3822767	.0739594
#1	1885.652	901.8194	5819.112	4400.931
#2	1835.755	872.6568	5850.657	4396.330

Sample Name: 500-208392-a-1-b du Acquired: 11/19/2021 21:43:54 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019856**	**74.20132**	**.1294334**	**.0225217**	**.7036640**	**.0051080**	**-.007346**
Stddev	.0005460	.67128	.0016372	.0003347	.0060196	.0002584	.001772
%RSD	27.49931	.9046780	1.264877	1.486124	.8554630	5.059324	24.12901
#1	.0015995	73.72665	.1305910	.0227584	.6994076	.0052907	-.006092
#2	.0023717	74.67598	.1282757	.0222851	.7079205	.0049252	-.008599
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.05203**	**.0021798**	**.5035418**	**.0710691**	**.1282338**	**.1868880**	**106.3762**
Stddev	.21914	.0000628	.0057735	.0000243	.0004674	.0018635	.9494
%RSD	.9111146	2.883062	1.146581	.0341475	.3645184	.9971281	.8925371
#1	23.89707	.0021354	.5076243	.0710519	.1285644	.1882057	105.7048
#2	24.20698	.0022243	.4994594	.0710863	.1279033	.1855703	107.0476
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.659911**	**.0604517**	**14.67618**	**6.896273**	**.0082656**	**.3706971**	**.0987235**
Stddev	.082789	.0001413	.23284	.051117	.0000518	.0030894	.0003902
%RSD	1.080809	.2337348	1.586523	.7412222	.6266667	.8334006	.3952797
#1	7.601370	.0603518	14.51154	6.860128	.0083023	.3685125	.0989995
#2	7.718451	.0605517	14.84082	6.932418	.0082290	.3728816	.0984476
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-1-b du Acquired: 11/19/2021 21:43:54 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2512218	.0034913	.0029041	1.425830	.0324529	.0616957	1.187677
Stddev	.0024199	.0007178	.0020034	.007351	.0032661	.0003394	.001762
%RSD	.9632587	20.55828	68.98434	.5155459	10.06408	.5501153	.1483713
#1	.2529329	.0029838	.0043206	1.431028	.0347624	.0619357	1.188923
#2	.2495107	.0039989	.0014875	1.420632	.0301434	.0614557	1.186431
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0019122	.1787656	.4548949
Stddev	.0008488	.0013780	.0002088
%RSD	44.38696	.7708238	.0459061
#1	.0025124	.1797400	.4550426
#2	.0013121	.1777913	.4547473
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.956	919.3655	5916.848	4437.985
Stddev	12.762	8.1928	40.093	6.175
%RSD	.7385542	.8911309	.6776060	.1391410
#1	1718.932	913.5724	5888.498	4433.618
#2	1736.980	925.1587	5945.198	4442.351

Sample Name: 500-208392-a-1-c ms Acquired: 11/19/2021 21:47:04 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0446927**	**122.3832**	**.2142454**	**.7307701**	**2.636042**	**.0508923**	**.4636824**
Stddev	.0001122	.7483	.0039585	.0022519	.020199	.0005717	.0014934
%RSD	.2509657	.6114255	1.847636	.3081573	.7662445	1.123340	.3220750
#1	.0447720	121.8540	.2114464	.7291778	2.621760	.0504880	.4626264
#2	.0446134	122.9123	.2170445	.7323625	2.650325	.0512965	.4647384
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**41.49151**	**.0421145**	**.5977922**	**.5591394**	**.3222036**	**.4175626**	**117.0903**
Stddev	.02236	.0000149	.0036524	.0031122	.0019285	.0010009	.5388
%RSD	.0538804	.0353550	.6109858	.5565969	.5985417	.2396923	.4601821
#1	41.47570	.0421250	.5952095	.5569388	.3208399	.4168549	116.7093
#2	41.50731	.0421040	.6003748	.5613400	.3235672	.4182703	117.4713
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**22.28432**	**.5550085**	**30.80430**	**7.573237**	**.8360454**	**9.568608**	**.6015541**
Stddev	.11842	.0033707	.11066	.020514	.0027356	.053345	.0005921
%RSD	.5313985	.6073142	.3592340	.2708718	.3272097	.5574970	.0984237
#1	22.20059	.5526251	30.72606	7.558732	.8341111	9.530888	.6011355
#2	22.36806	.5573919	30.88255	7.587743	.8379798	9.606329	.6019728
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-1-c ms Acquired: 11/19/2021 21:47:04 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3510949	.1832142	.0743812	2.524656	.9210624	.9224737	2.587374
Stddev	.0041984	.0001003	.0016447	.015015	.0010272	.0003281	.000163
%RSD	1.195809	.0547671	2.211215	.5947174	.1115211	.0355647	.0062995
#1	.3481262	.1832852	.0755442	2.514039	.9217887	.9227057	2.587258
#2	.3540636	.1831433	.0732182	2.535273	.9203361	.9222417	2.587489
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0888810	.6595219	1.010414
Stddev	.0004174	.0011815	.004256
%RSD	.4696541	.1791405	.4211694
#1	.0891762	.6603573	1.007405
#2	.0885859	.6586864	1.013423
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1656.918	931.1200	5978.439	4458.016
Stddev	5.088	2.3588	16.587	13.750
%RSD	.3070962	.2533340	.2774436	.3084280
#1	1660.516	932.7880	5966.710	4448.294
#2	1653.320	929.4520	5990.168	4467.739

Sample Name: 500-208392-a-1-d msd Acquired: 11/19/2021 21:50:14 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0452713	129.2714	.2217172	.7275299	2.662590	.0517122	.4652171
Stddev	.0003506	1.5905	.0034841	.0017755	.020715	.0004173	.0023497
%RSD	.7743604	1.230326	1.571415	.2440392	.7780099	.8069099	.5050745
#1	.0450234	128.1468	.2192536	.7262745	2.647942	.0514171	.4635556
#2	.0455192	130.3960	.2241808	.7287854	2.677238	.0520072	.4668785
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.50383	.0416762	.6364019	.5611717	.3332053	.4301906	124.5497
Stddev	.38979	.0000254	.0121862	.0023744	.0028755	.0035750	1.1447
%RSD	.8758644	.0610417	1.914859	.4231158	.8629927	.8310368	.9190750
#1	44.22820	.0416942	.6277850	.5594927	.3311720	.4327185	123.7403
#2	44.77946	.0416582	.6450189	.5628507	.3352386	.4276626	125.3591
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.74139	.5424490	32.17758	8.282171	.8299655	9.290797	.6126202
Stddev	.30028	.0099331	.40977	.071744	.0018453	.152134	.0009719
%RSD	1.320399	1.831158	1.273468	.8662501	.2223335	1.637470	.1586393
#1	22.52906	.5354252	31.88782	8.231440	.8286607	9.183222	.6119330
#2	22.95372	.5494727	32.46733	8.332902	.8312703	9.398372	.6133074
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-1-d msd Acquired: 11/19/2021 21:50:14 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3655790	.1789546	.0751612	2.359805	.9203216	.9137076	2.624623
Stddev	.0018431	.0009093	.0040196	.002963	.0009180	.0054765	.007311
%RSD	.5041608	.5081213	5.347932	.1255404	.0997519	.5993676	.2785602
#1	.3642757	.1795976	.0780035	2.361900	.9196724	.9175801	2.619453
#2	.3668823	.1783117	.0723190	2.357711	.9209707	.9098352	2.629793
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0890651	.6729637	1.054100
Stddev	.0004043	.0063390	.004721
%RSD	.4539185	.9419453	.4478916
#1	.0887793	.6684814	1.050762
#2	.0893510	.6774460	1.057438
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1655.880	939.5022	6058.989	4518.489
Stddev	4.456	.4970	53.544	12.886
%RSD	.2691202	.0529056	.8837181	.2851861
#1	1659.031	939.8537	6021.127	4527.601
#2	1652.729	939.1507	6096.850	4509.377

Sample Name: 500-208392-a-2-a Acquired: 11/19/2021 21:53:25 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0018272**	**70.84190**	**.1838850**	**.0206080**	**.7319263**	**.0055407**	**-.001052**
Stddev	.0005280	.66633	.0003995	.0001184	.0074447	.0002519	.000837
%RSD	28.89814	.9405912	.2172687	.5746243	1.017144	4.546125	79.54435
#1	.0014538	70.37073	.1836025	.0206917	.7266621	.0053625	-.001644
#2	.0022005	71.31307	.1841676	.0205242	.7371905	.0057188	-.000460
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**27.21038**	**.0016667**	**.5235586**	**.1090179**	**.1267626**	**.0994328**	**154.0929**
Stddev	.38655	.0001542	.0045273	.0008930	.0013995	.0014566	1.6025
%RSD	1.420608	9.250329	.8647225	.8191507	1.103996	1.464860	1.039968
#1	26.93704	.0017757	.5203573	.1083864	.1257730	.1004628	152.9598
#2	27.48371	.0015577	.5267599	.1096493	.1277521	.0984029	155.2261
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.718355**	**.1220292**	**16.89526**	**9.050851**	**.0051614**	**.3246960**	**.1203191**
Stddev	.044052	.0001086	.02106	.098875	.0001182	.0023989	.0004531
%RSD	.7703660	.0890233	.1246422	1.092442	2.289232	.7388226	.3765898
#1	5.749505	.1221060	16.88037	8.980936	.0050779	.3263923	.1199987
#2	5.687205	.1219524	16.91015	9.120767	.0052450	.3229997	.1206395
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-2-a Acquired: 11/19/2021 21:53:25 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1915009	.0060759	.0012304	1.609833	.0245054	.0690634	.6748113
Stddev	.0021089	.0014314	.0024720	.000980	.0000660	.0002099	.0007503
%RSD	1.101247	23.55819	200.9197	.0608700	.2693227	.3039234	.1111919
#1	.1929921	.0070880	-.000518	1.609140	.0244588	.0689150	.6753418
#2	.1900097	.0050638	.002978	1.610526	.0245521	.0692118	.6742807
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0034126	.1850888	.5032454
Stddev	.0029004	.0003325	.0035173
%RSD	84.99049	.1796296	.6989294
#1	.0013617	.1848537	.5007582
#2	.0054635	.1853238	.5057325
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.116	892.2041	5825.206	4454.309
Stddev	4.167	3.5843	19.606	13.480
%RSD	.2421147	.4017386	.3365674	.3026229
#1	1718.170	889.6696	5811.343	4444.778
#2	1724.063	894.7386	5839.070	4463.841

Sample Name: 500-208392-a-3-a Acquired: 11/19/2021 21:56:35 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0018280**	**71.11735**	**.0641209**	**.0450476**	**.8405753**	**.0049815**	**-.006891**
Stddev	.0000150	.72124	.0008856	.0007189	.0066189	.0000924	.000194
%RSD	.8196102	1.014153	1.381104	1.595872	.7874261	1.855029	2.812767
#1	.0018386	70.60736	.0647471	.0455560	.8358950	.0049162	-.006754
#2	.0018174	71.62734	.0634947	.0445393	.8452556	.0050468	-.007028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**186.5297**	**.0030805**	**.4024894**	**.0511565**	**.1174673**	**.1499129**	**124.1164**
Stddev	2.4810	.0000941	.0097856	.0006048	.0002759	.0009744	1.4522
%RSD	1.330084	3.055440	2.431279	1.182182	.2348603	.6499724	1.170027
#1	184.7754	.0030140	.3955699	.0507288	.1176624	.1506019	123.0896
#2	188.2840	.0031471	.4094089	.0515841	.1172723	.1492239	125.1433
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.67559**	**.0635133**	**59.22329**	**3.914649**	**.0088506**	**.5102703**	**.1275944**
Stddev	.08909	.0009094	.65062	.044889	.0001255	.0062350	.0001451
%RSD	.8345121	1.431863	1.098589	1.146690	1.418513	1.221898	.1137275
#1	10.61259	.0628703	58.76323	3.882908	.0089393	.5058615	.1274918
#2	10.73859	.0641564	59.68335	3.946391	.0087618	.5146791	.1276970
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-3-a Acquired: 11/19/2021 21:56:35 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1160026	.0032607	.0047281	1.574823	.0292489	.1881377	1.142992
Stddev	.0000166	.0005872	.0063024	.011398	.0026183	.0006650	.000732
%RSD	.0143050	18.00792	133.2955	.7237952	8.951810	.3534593	.0640045
#1	.1159909	.0028455	.0002717	1.582883	.0273975	.1886079	1.142474
#2	.1160144	.0036759	.0091845	1.566763	.0311003	.1876675	1.143509
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0054025	.1779150	.6502402
Stddev	.0000636	.0003897	.0026999
%RSD	1.177026	.2190546	.4152209
#1	.0053576	.1781906	.6483311
#2	.0054475	.1776394	.6521494
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1588.018	876.9819	5740.139	4339.967
Stddev	1.011	2.6759	11.241	8.130
%RSD	.0636343	.3051291	.1958288	.1873378
#1	1587.304	875.0898	5732.190	4334.217
#2	1588.733	878.8741	5748.087	4345.716

Sample Name: 500-208392-a-4-a Acquired: 11/19/2021 21:59:45 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0025165**	**101.2158**	**.0699256**	**.0299529**	**.7489272**	**.0059284**	**-.004284**
Stddev	.0004060	.2647	.0024651	.0004250	.0000169	.0000544	.003189
%RSD	16.13477	.2614873	3.525262	1.418892	.0022542	.9182896	74.43450
#1	.0028036	101.0287	.0716687	.0302534	.7489152	.0059669	-.006540
#2	.0022294	101.4030	.0681825	.0296524	.7489391	.0058899	-.002029
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**68.45192**	**.0029372**	**.5161456**	**.0776630**	**.1566151**	**.1456810**	**148.1889**
Stddev	.99471	.0001004	.0180224	.0002132	.0002442	.0002774	1.1894
%RSD	1.453148	3.417207	3.491725	.2745593	.1559033	.1904034	.8026140
#1	67.74856	.0028662	.5034018	.0778138	.1567878	.1458772	147.3478
#2	69.15529	.0030082	.5288893	.0775122	.1564425	.1454849	149.0299
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.846878**	**.0717418**	**17.71150**	**5.333967**	**.0134659**	**.3802454**	**.1115968**
Stddev	.130222	.0007353	.00649	.051194	.0001871	.0070183	.0001446
%RSD	1.322468	1.024918	.0366311	.9597737	1.389121	1.845741	.1295900
#1	9.938958	.0722618	17.70691	5.297767	.0135982	.3852081	.1116990
#2	9.754797	.0712219	17.71608	5.370167	.0133337	.3752827	.1114945
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-4-a Acquired: 11/19/2021 21:59:45 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1839516	.0063821	.0019678	1.476538	.0270288	.1373845	1.335655
Stddev	.0010037	.0026391	.0025193	.002372	.0027026	.0002530	.008776
%RSD	.5456190	41.35208	128.0244	.1606710	9.998798	.1841296	.6570377
#1	.1846613	.0045160	.0001864	1.474861	.0251178	.1372057	1.329450
#2	.1832419	.0082483	.0037492	1.478215	.0289398	.1375634	1.341861
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0017566	.2497178	.9164180
Stddev	.0009779	.0003118	.0051447
%RSD	55.66636	.1248752	.5613966
#1	.0024481	.2494973	.9200559
#2	.0010652	.2499383	.9127801
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1646.109	885.9277	5868.279	4429.545
Stddev	12.341	12.9062	12.183	41.875
%RSD	.7496797	1.456795	.2076148	.9453480
#1	1654.835	895.0537	5876.894	4399.936
#2	1637.383	876.8017	5859.664	4459.155

Sample Name: CCV Acquired: 11/19/2021 22:02:55 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5131870**	**49.07171**	**.5033387**	**.4974873**	**.5106200**	**.5264108**
Stddev	.0046909	.57364	.0020484	.0057830	.0042442	.0062876
%RSD	.9140641	1.168985	.4069527	1.162446	.8311964	1.194434
#1	.5098701	48.66608	.5018902	.4933981	.5076188	.5219648
#2	.5165039	49.47733	.5047871	.5015765	.5136211	.5308568
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5167316**	**25.26181**	**.5031657**	F **.0773109**	**.5267974**	**.5023156**
Stddev	.0004140	.35147	.0057795	.0120005	.0048058	.0056403
%RSD	.0801153	1.391324	1.148631	15.52236	.9122708	1.122870
#1	.5170244	25.01328	.4990790	.0857965	.5233992	.4983273
#2	.5164389	25.51034	.5072524	.0688252	.5301957	.5063039
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5047735**	**25.36603**	**49.01609**	**3.918529**	**24.87483**	**5.099198**
Stddev	.0046533	.39670	.40574	.043274	.27892	.060390
%RSD	.9218651	1.563901	.8277739	1.104349	1.121302	1.184306
#1	.5014831	25.08552	48.72919	3.887930	24.67761	5.056496
#2	.5080639	25.64654	49.30299	3.949129	25.07206	5.141900
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/19/2021 22:02:55 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4908680	24.82451	.5231111	.5208078	.4806524	.4971981
Stddev	.0045411	.24214	.0058305	.0008796	.0073808	.0067490
%RSD	.9251185	.9754231	1.114590	.1688833	1.535577	1.357397
#1	.4876569	24.65329	.5189883	.5201858	.4754334	.4924259
#2	.4940790	24.99573	.5272340	.5214297	.4858714	.5019703
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .3045069	.5304645	.4965478	.5046295	.5066278	4.956991
Stddev	.0009103	.0023775	.0037983	.0044284	.0024739	.053562
%RSD	.2989286	.4481865	.7649483	.8775616	.4883044	1.080534
#1	.3038632	.5287833	.4938620	.5014981	.5048785	4.919117
#2	.3051506	.5321456	.4992336	.5077608	.5083771	4.994865
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	.5346070
Stddev	.0022761
%RSD	.4257466
#1	.5329976
#2	.5362165
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/19/2021 22:02:55 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1731.317	867.5817	5499.374	4336.637
Stddev	8.681	6.9973	24.191	8.044
%RSD	.5013823	.8065246	.4398831	.1854926
#1	1737.455	872.5295	5516.479	4342.325
#2	1725.179	862.6339	5482.268	4330.948

Sample Name: CCB Acquired: 11/19/2021 22:06:00 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000233**	**.0121987**	**-.000603**	**.0014643**	**-.000039**	**.0000919**	**.0011585**
Stddev	.0000824	.0037050	.001539	.0005461	.000077	.0000830	.0003823
%RSD	353.9934	30.37184	255.0507	37.29583	195.8482	90.24303	33.00188
#1	.0000815	.0148185	-.001692	.0018504	.000015	.0001506	.0014289
#2	-.000035	.0095789	.000485	.0010781	-.000094	.0000333	.0008882
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.007068**	**.0000248**	**.0027688**	**-.000207**	**.0006353**	**.0009400**	**.0475338**
Stddev	.000107	.0000937	.0089751	.000258	.0002936	.0002656	.0395813
%RSD	1.519936	378.1610	324.1515	124.9873	46.21569	28.25633	83.26998
#1	-.006992	-.000041	-.003578	-.000389	.0008429	.0011278	.0195455
#2	-.007144	.000091	.009115	-.000024	.0004277	.0007522	.0755220
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.030480**	**.0004643**	**.0014178**	**.0001943**	**-.000090**	**.0003543**	**-.000022**
Stddev	.002651	.0000870	.0049638	.0004894	.000246	.0007387	.000262
%RSD	8.698677	18.74412	350.1115	251.8993	274.1239	208.5135	1176.824
#1	-.032355	.0005259	.0049277	.0005403	.000084	.0008766	-.000207
#2	-.028605	.0004028	-.002092	-.000152	-.000264	-.000168	.000163
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 11/19/2021 22:06:00 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000997	-.000867	-.002866	.0009277	.0007292	.0000200	.0003329
Stddev	.000437	.003233	.002108	.0000492	.0000183	.0000112	.0001851
%RSD	43.78208	373.0870	73.55842	5.308923	2.515037	55.90012	55.59962
#1	-.000688	.001420	-.004357	.0009625	.0007422	.0000280	.0002020
#2	-.001306	-.003153	-.001375	.0008928	.0007162	.0000121	.0004637
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000274	.0005774	.0000014
Stddev	.000191	.0004670	.0000741
%RSD	69.60482	80.88770	5231.327
#1	-.000139	.0002472	.0000538
#2	-.000409	.0009076	-.000051
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1989.080	908.2974	5759.694	4361.359
Stddev	2.517	.3257	4.942	15.862
%RSD	.1265603	.0358532	.0857970	.3636878
#1	1990.860	908.5276	5756.199	4350.144
#2	1987.300	908.0671	5763.188	4372.575

Sample Name: 500-208392-a-5-a Acquired: 11/19/2021 22:09:17 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016705**	**70.08165**	**.0415729**	**.0207622**	**.5745039**	**.0051526**	**-.008567**
Stddev	.0003666	.38854	.0002891	.0005107	.0031761	.0000078	.000557
%RSD	21.94736	.5544115	.6952870	2.459957	.5528500	.1517299	6.499461
#1	.0014112	69.80691	.0417773	.0211234	.5722580	.0051471	-.008960
#2	.0019297	70.35639	.0413685	.0204011	.5767498	.0051581	-.008173
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**54.05689**	**.0019921**	**.4977431**	**.0679435**	**.1064551**	**.0817240**	**93.14604**
Stddev	.27775	.0001112	.0185085	.0010172	.0008886	.0004926	1.08258
%RSD	.5138172	5.582286	3.718490	1.497060	.8347376	.6028094	1.162239
#1	53.86049	.0019135	.4846556	.0672242	.1058267	.0820724	92.38054
#2	54.25329	.0020708	.5108306	.0686627	.1070834	.0813757	93.91154
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.546579**	**.0516955**	**11.03750**	**5.002567**	**.0071380**	**.2744373**	**.0821499**
Stddev	.015848	.0004158	.03245	.022634	.0000971	.0020961	.0007227
%RSD	.2857184	.8043115	.2940358	.4524448	1.360002	.7637888	.8797637
#1	5.535373	.0514015	11.01455	4.986563	.0072067	.2759195	.0816388
#2	5.557785	.0519895	11.06045	5.018572	.0070694	.2729551	.0826609
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-5-a Acquired: 11/19/2021 22:09:17 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1474609	.0027586	.0017022	1.605534	.0252675	.0997308	1.013405
Stddev	.0027691	.0014862	.0003698	.019861	.0001274	.0001010	.002547
%RSD	1.877857	53.87573	21.72297	1.237050	.5041391	.1012603	.2513133
#1	.1455028	.0017077	.0014407	1.619578	.0251774	.0998022	1.011604
#2	.1494189	.0038095	.0019636	1.591490	.0253576	.0996594	1.015206
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0031324	.1643335	.4197795
Stddev	.0043454	.0011456	.0042129
%RSD	138.7219	.6971275	1.003606
#1	.0062051	.1635234	.4168005
#2	.0000598	.1651435	.4227585
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1706.750	893.1782	5814.829	4371.556
Stddev	8.002	11.3207	42.203	12.963
%RSD	.4688486	1.267467	.7257805	.2965299
#1	1701.091	885.1732	5784.987	4362.390
#2	1712.408	901.1832	5844.671	4380.722

Sample Name: 500-208392-a-6-a Acquired: 11/19/2021 22:12:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017119**	**87.90066**	**.0755110**	**.0190717**	**.6844195**	**.0064778**	**-.004663**
Stddev	.0008829	.87841	.0020718	.0002801	.0067561	.0004569	.000501
%RSD	51.57142	.9993249	2.743719	1.468529	.9871342	7.053050	10.75355
#1	.0010877	87.27953	.0740461	.0192698	.6796422	.0068009	-.004309
#2	.0023362	88.52179	.0769760	.0188737	.6891968	.0061548	-.005018
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**33.22104**	**.0065387**	**.5409709**	**.0789692**	**.1910830**	**.3985116**	**160.1994**
Stddev	.01638	.0001184	.0007902	.0000976	.0011375	.0005879	.4748
%RSD	.0493160	1.810332	.1460768	.1235901	.5953120	.1475181	.2963805
#1	33.23263	.0064550	.5415297	.0790382	.1902786	.3980959	159.8637
#2	33.20946	.0066223	.5404122	.0789002	.1918874	.3989273	160.5352
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.347774**	**.0596691**	**13.91564**	**6.865047**	**.0112009**	**.3068318**	**.1167183**
Stddev	.058655	.0010353	.10274	.007646	.0002246	.0065579	.0002336
%RSD	1.096818	1.735034	.7383329	.1113686	2.005591	2.137312	.2001286
#1	5.306299	.0589370	13.84299	6.859641	.0113598	.3021947	.1168835
#2	5.389250	.0604011	13.98830	6.870454	.0110421	.3114690	.1165531
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-6-a Acquired: 11/19/2021 22:12:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9293845	.0065553	.0057420	1.786891	.0303708	.0584626	1.116446
Stddev	.0073185	.0004115	.0031621	.000299	.0031791	.0001366	.000119
%RSD	.7874571	6.277687	55.07088	.0167373	10.46749	.2336117	.0106650
#1	.9242095	.0068462	.0079779	1.787103	.0326187	.0583660	1.116361
#2	.9345594	.0062643	.0035060	1.786680	.0281228	.0585591	1.116530
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0032201	.2494123	3.723031
Stddev	.0012337	.0003332	.016691
%RSD	38.31119	.1335931	.4483187
#1	.0040925	.2496479	3.711229
#2	.0023478	.2491767	3.734833
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1687.115	892.3515	5900.024	4400.466
Stddev	.367	3.7634	4.520	1.184
%RSD	.0217689	.4217422	.0766100	.0268982
#1	1687.375	889.6904	5896.828	4401.303
#2	1686.855	895.0127	5903.220	4399.629

Sample Name: 500-208392-a-7-a Acquired: 11/19/2021 22:15:38 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022066	86.88881	.0511752	.0288344	.6406981	.0052827	-.007529
Stddev	.0001728	1.59016	.0013411	.0003634	.0087182	.0000645	.000603
%RSD	7.832618	1.830112	2.620547	1.260453	1.360737	1.220458	8.013254
#1	.0020844	85.76440	.0521235	.0285774	.6345333	.0053283	-.007956
#2	.0023288	88.01323	.0502269	.0290914	.6468628	.0052371	-.007103
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.61651	.0023524	.5144538	.0701504	.1185496	.1162044	114.1801
Stddev	.40736	.0001138	.0036474	.0000839	.0004716	.0001059	1.4040
%RSD	1.112507	4.838289	.7089794	.1195447	.3978099	.0911033	1.229619
#1	36.32846	.0022719	.5170329	.0702097	.1188831	.1161296	113.1873
#2	36.90456	.0024328	.5118747	.0700911	.1182161	.1162793	115.1728
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.612851	.0615324	12.00677	5.139831	.0122554	.2832330	.1070300
Stddev	.134954	.0014257	.16408	.062371	.0006693	.0073051	.0008060
%RSD	1.566892	2.316950	1.366551	1.213488	5.461726	2.579166	.7530306
#1	8.517424	.0605243	11.89075	5.095728	.0127287	.2780676	.1064601
#2	8.708278	.0625405	12.12279	5.183934	.0117821	.2883985	.1075999
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-7-a Acquired: 11/19/2021 22:15:38 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1250909	.0019557	.0012270	1.526243	.0241688	.0971883	1.260436
Stddev	.0026694	.0016437	.0003286	.010620	.0026889	.0001924	.002614
%RSD	2.133940	84.04810	26.78489	.6958519	11.12569	.1979840	.2074040
#1	.1269784	.0007934	.0014594	1.533753	.0260702	.0973244	1.262284
#2	.1232033	.0031180	.0009946	1.518734	.0222674	.0970522	1.258587
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0018734	.1937753	.4766270
Stddev	.0011623	.0009797	.0001454
%RSD	62.03968	.5056128	.0304989
#1	.0026953	.1944681	.4765242
#2	.0010516	.1930825	.4767298
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1701.864	895.6657	5872.819	4427.232
Stddev	2.271	.4970	17.686	31.339
%RSD	.1334421	.0554950	.3011574	.7078599
#1	1703.470	896.0172	5860.313	4449.392
#2	1700.258	895.3143	5885.325	4405.073

Sample Name: 500-208392-a-8-a Acquired: 11/19/2021 22:18:47 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009650	30.70581	.0224555	.0347966	.2832951	.0025399
Stddev	.0004591	.82695	.0017702	.0006683	.0071211	.0000918
%RSD	47.57791	2.693140	7.883009	1.920481	2.513657	3.614368
#1	.0006404	30.12107	.0212038	.0343241	.2782598	.0026048
#2	.0012897	31.29056	.0237072	.0352692	.2883305	.0024750
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010749	F 696.6884	.0014608	.2381211	.0459629	.0666582
Stddev	.002667	32.0743	.0000206	.0043882	.0000481	.0013294
%RSD	24.81274	4.603827	1.409070	1.842823	.1047559	1.994396
#1	-.012635	674.0085	.0014754	.2350182	.0459289	.0657181
#2	-.008863	719.3684	.0014463	.2412240	.0459969	.0675982
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0894329	64.59594	3.944501	.0406019	199.3941	3.904598
Stddev	.0009984	.62651	.137028	.0020440	3.5300	.021863
%RSD	1.116317	.9698905	3.473907	5.034233	1.770345	.5599353
#1	.0901388	65.03894	3.847608	.0391565	196.8980	3.920058
#2	.0887269	64.15293	4.041395	.0420472	201.8902	3.889139
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208392-a-8-a Acquired: 11/19/2021 22:18:47 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0052493**	**.7557757**	**.0749759**	**.0511033**	**.0027669**	**.0031752**
Stddev	.0009783	.0365371	.0010028	.0018238	.0019701	.0015172
%RSD	18.63671	4.834379	1.337426	3.568823	71.20292	47.78323
#1	.0059410	.7299401	.0756849	.0498137	.0041599	.0042480
#2	.0045575	.7816113	.0742668	.0523929	.0013738	.0021023
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.400199**	**.0256350**	**.5239729**	**.9530907**	**.0004382**	**.0927526**
Stddev	.001891	.0011810	.0019863	.0037345	.0012166	.0000137
%RSD	.1350826	4.606908	.3790818	.3918340	277.6244	.0148041
#1	1.401536	.0264700	.5253775	.9504500	.0012985	.0927623
#2	1.398861	.0247999	.5225684	.9557314	-.000422	.0927429
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.3250744**
Stddev	.0023113
%RSD	.7109991
#1	.3234401
#2	.3267087
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208392-a-8-a Acquired: 11/19/2021 22:18:47 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1406.599	798.9456	5191.449	4171.986
Stddev	3.689	1.9068	47.776	97.436
%RSD	.2622351	.2386628	.9202920	2.335487
#1	1409.207	800.2939	5157.666	4240.884
#2	1403.990	797.5973	5225.232	4103.088

Sample Name: 500-208392-a-9-a Acquired: 11/19/2021 22:22:04 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000045**	**17.43638**	**.0066424**	**.0370959**	**.2994889**	**.0009040**	**-.011104**
Stddev	.000451	.21449	.0001982	.0007327	.0010128	.0000507	.000330
%RSD	996.3631	1.230130	2.984409	1.975151	.3381817	5.607044	2.973281
#1	-.000364	17.28472	.0065022	.0365778	.2987727	.0008681	-.010871
#2	.000274	17.58805	.0067826	.0376140	.3002051	.0009398	-.011338
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**122.9366**	**.0020277**	**.0743930**	**.0142256**	**.0764657**	**.2305135**	**23.08904**
Stddev	4.4015	.0001545	.0099812	.0005166	.0004697	.0018029	.68455
%RSD	3.580324	7.620188	13.41681	3.631501	.6142361	.7821297	2.964845
#1	119.8242	.0021369	.0814507	.0138603	.0767978	.2317884	22.60498
#2	126.0489	.0019184	.0673352	.0145909	.0761336	.2292387	23.57309
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.394393**	**.0117270**	**33.24079**	**1.253825**	**.0051569**	**.7395722**	**.0405475**
Stddev	.020100	.0001122	.38281	.031464	.0002182	.0002443	.0008080
%RSD	.2394488	.9569881	1.151631	2.509431	4.230524	.0330373	1.992783
#1	8.380180	.0116476	32.97011	1.231577	.0050026	.7393994	.0399761
#2	8.408606	.0118063	33.51148	1.276074	.0053112	.7397449	.0411188
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-9-a Acquired: 11/19/2021 22:22:04 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0361267	.0015398	.0035083	1.352324	.0210230	.2011750	.8074875
Stddev	.0027524	.0014429	.0018338	.000332	.0005436	.0009103	.0023102
%RSD	7.618719	93.70429	52.27107	.0245840	2.585811	.4524850	.2861025
#1	.0380730	.0005196	.0022116	1.352089	.0206386	.2018187	.8091211
#2	.0341805	.0025601	.0048049	1.352560	.0214074	.2005313	.8058539
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0016407	.0329259	.5247211
Stddev	.0011538	.0005652	.0029343
%RSD	70.32383	1.716680	.5592088
#1	.0008248	.0333255	.5267960
#2	.0024565	.0325262	.5226463
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1676.721	814.0632	5445.276	4214.993
Stddev	8.534	7.4836	31.045	5.341
%RSD	.5089765	.9192895	.5701212	.1267072
#1	1682.755	819.3549	5423.324	4211.217
#2	1670.686	808.7715	5467.228	4218.769

Sample Name: 500-208392-a-10-a Acquired: 11/19/2021 22:25:15 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000525**	**16.12804**	**.0056317**	**.0305240**	**.2384991**	**.0010032**	**-.009630**
Stddev	.000928	.15910	.0040029	.0000296	.0008363	.0001906	.001817
%RSD	176.7894	.9864696	71.07918	.0968073	.3506472	18.99978	18.86851
#1	.000131	16.01554	.0084622	.0305031	.2379078	.0008684	-.008346
#2	-.001181	16.24054	.0028012	.0305449	.2390905	.0011379	-.010915
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**67.45089**	**.0018962**	**.0871573**	**.0145317**	**.0525799**	**.1694177**	**22.34878**
Stddev	1.72752	.0000178	.0042255	.0000831	.0001273	.0010407	.35597
%RSD	2.561146	.9385219	4.848091	.5718770	.2420593	.6142892	1.592778
#1	66.22935	.0019088	.0841694	.0144729	.0524899	.1701536	22.09708
#2	68.67243	.0018836	.0901451	.0145905	.0526699	.1686818	22.60049
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.888455**	**.0114433**	**24.12438**	**1.236344**	**.0038843**	**.8106447**	**.0306721**
Stddev	.014945	.0001671	.06878	.019981	.0000721	.0005164	.0005843
%RSD	.2169571	1.460163	.2851179	1.616165	1.856509	.0636992	1.905102
#1	6.899023	.0115614	24.07574	1.222215	.0038333	.8110099	.0302589
#2	6.877887	.0113251	24.17302	1.250473	.0039353	.8102796	.0310853
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-10-a Acquired: 11/19/2021 22:25:15 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5619486	.0007925	.0036823	1.361586	.0235913	.1525678	.8368978
Stddev	.0017774	.0007083	.0013010	.003333	.0008874	.0001854	.0009184
%RSD	.3162970	89.36947	35.33115	.2447862	3.761421	.1215347	.1097415
#1	.5632054	.0002917	.0046022	1.359229	.0242188	.1526989	.8362483
#2	.5606918	.0012934	.0027623	1.363943	.0229638	.1524367	.8375472
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000080	.0349643	1.063158
Stddev	.001189	.0010502	.001686
%RSD	1494.364	3.003665	.1585729
#1	.000761	.0357070	1.061966
#2	-.000920	.0342217	1.064350
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.917	841.0838	5530.730	4217.638
Stddev	7.777	3.6572	1.367	10.590
%RSD	.4434139	.4348166	.0247159	.2510775
#1	1759.417	843.6698	5531.697	4210.150
#2	1748.418	838.4978	5529.764	4225.126

Sample Name: 500-208410-d-1-c Acquired: 11/19/2021 22:28:25 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015954	83.15887	.0786569	.1128526	.1870046	.0067475	-.001639
Stddev	.0005990	.71185	.0000638	.0002811	.0009551	.0000177	.001437
%RSD	37.54413	.8560149	.0811775	.2491037	.5107072	.2625460	87.62695
#1	.0020189	82.65552	.0786117	.1130514	.1863293	.0067600	-.000624
#2	.0011718	83.66223	.0787020	.1126538	.1876799	.0067350	-.002655
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	346.8320	.0012343	.4364858	.1228037	.1524356	.1660637	199.8202
Stddev	3.3687	.0001149	.0018181	.0002311	.0006224	.0004843	1.7814
%RSD	.9712785	9.310645	.4165301	.1881994	.4083096	.2916234	.8915141
#1	344.4500	.0011530	.4377714	.1226403	.1528757	.1657212	198.5605
#2	349.2141	.0013156	.4352002	.1229671	.1519955	.1664061	201.0798
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.90952	.2145208	215.3761	3.445750	.0491974	1.547989	.2765131
Stddev	.07681	.0000924	.9793	.033835	.0002266	.003640	.0019426
%RSD	.3212587	.0430951	.4546876	.9819481	.4605474	.2351682	.7025429
#1	23.85521	.2144554	214.6836	3.421825	.0490372	1.545415	.2751395
#2	23.96384	.2145862	216.0685	3.469675	.0493576	1.550563	.2778867
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208410-d-1-c Acquired: 11/19/2021 22:28:25 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1362166	.0065653	.0021828	1.846712	.0245828	.2849273	.8640177
Stddev	.0001033	.0010325	.0008843	.017402	.0005288	.0004002	.0035257
%RSD	.0758247	15.72643	40.51092	.9423303	2.150896	.1404619	.4080623
#1	.1362897	.0058352	.0028080	1.859017	.0242089	.2852103	.8665108
#2	.1361436	.0072953	.0015575	1.834407	.0249567	.2846443	.8615247
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0108962	.1333592	.5639303
Stddev	.0001703	.0009100	.0005481
%RSD	1.562966	.6823926	.0971952
#1	.0107757	.1340027	.5635427
#2	.0110166	.1327157	.5643179
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1486.759	847.3996	5500.501	4248.554
Stddev	.204	.9384	7.068	18.998
%RSD	.0136897	.1107383	.1285032	.4471680
#1	1486.903	846.7360	5505.499	4235.121
#2	1486.616	848.0631	5495.503	4261.988

Sample Name: 500-208410-d-2-c Acquired: 11/19/2021 22:31:35 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016087	75.42282	.0680950	.1240105	.3798449	.0062574
Stddev	.0003405	.55342	.0002889	.0005601	.0012218	.0001452
%RSD	21.16278	.7337577	.4242370	.4516432	.3216585	2.320998
#1	.0013680	75.03150	.0678908	.1236145	.3789809	.0061547
#2	.0018494	75.81415	.0682993	.1244065	.3807088	.0063601
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006481	F 681.4740	.0017958	.4467645	.0918840	.1275592
Stddev	.000422	37.2107	.0000278	.0073562	.0003486	.0005854
%RSD	6.511292	5.460325	1.545290	1.646560	.3794368	.4589632
#1	-.006183	655.1620	.0018154	.4519662	.0921305	.1279732
#2	-.006780	707.7859	.0017762	.4415629	.0916375	.1271452
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1647977	165.3084	21.35743	.1744188	283.2797	3.525516
Stddev	.0003562	.3954	.17809	.0015455	.7991	.002253
%RSD	.2161323	.2391997	.8338560	.8860733	.2820753	.0639073
#1	.1645458	165.0288	21.23150	.1733259	282.7147	3.527109
#2	.1650495	165.5880	21.48336	.1755116	283.8448	3.523923
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208410-d-2-c Acquired: 11/19/2021 22:31:35 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0420888	1.902840	.2337545	.1051135	.0039052	.0016924
Stddev	.0001103	.013350	.0021019	.0024246	.0018301	.0007998
%RSD	.2620325	.7015765	.8992041	2.306609	46.86362	47.25806
#1	.0421668	1.893400	.2322682	.1068279	.0051993	.0011269
#2	.0420108	1.912279	.2352408	.1033991	.0026111	.0022580
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.993517	.0277628	.6537091	1.318745	.0093070	.1665188
Stddev	.010603	.0017305	.0023933	.000558	.0026482	.0000288
%RSD	.5318812	6.233174	.3661048	.0422821	28.45403	.0173029
#1	1.986019	.0289865	.6520168	1.319139	.0111796	.1664985
#2	2.001014	.0265392	.6554014	1.318351	.0074345	.1665392
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.5670225
Stddev	.0037435
%RSD	.6602055
#1	.5643754
#2	.5696696
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208410-d-2-c Acquired: 11/19/2021 22:31:35 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1378.368	840.8505	5452.315	4313.127
Stddev	6.677	1.7590	12.478	6.487
%RSD	.4844368	.2091877	.2288608	.1503954
#1	1383.089	842.0943	5461.139	4308.541
#2	1373.646	839.6067	5443.492	4317.714

Sample Name: 500-208410-d-3-c Acquired: 11/19/2021 22:34:53 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026494	85.18072	.0933812	.1298971	.2106149	.0073330	.0006042
Stddev	.0006590	.92623	.0035785	.0002850	.0014664	.0000537	.0001015
%RSD	24.87282	1.087368	3.832112	.2194097	.6962400	.7319866	16.80593
#1	.0021835	84.52578	.0908508	.1296955	.2095780	.0073709	.0005324
#2	.0031154	85.83567	.0959115	.1300986	.2116518	.0072950	.0006760
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	372.3240	.0016856	.4483748	.1395228	.1544747	.2228069	206.3166
Stddev	8.2641	.0000053	.0011179	.0008172	.0015378	.0001092	3.3231
%RSD	2.219608	.3138955	.2493238	.5857320	.9954676	.0489924	1.610690
#1	366.4803	.0016818	.4475843	.1389450	.1533873	.2228841	203.9668
#2	378.1676	.0016893	.4491653	.1401007	.1555620	.2227297	208.6664
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.00930	.2100781	219.1908	3.485582	.0550493	1.556372	.3256706
Stddev	.13116	.0001371	2.2415	.055246	.0015657	.005767	.0006752
%RSD	.4856180	.0652530	1.022635	1.584985	2.844249	.3705505	.2073270
#1	26.91655	.2101751	217.6058	3.446518	.0539422	1.552294	.3251931
#2	27.10204	.2099812	220.7758	3.524647	.0561564	1.560450	.3261480
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208410-d-3-c Acquired: 11/19/2021 22:34:53 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1646597	.0053190	-.000486	1.835772	.0261718	.2995776	.7825401
Stddev	.0004639	.0020451	.000838	.024379	.0009931	.0003108	.0006994
%RSD	.2817070	38.44826	172.3988	1.327972	3.794401	.1037515	.0893757
#1	.1643317	.0067651	-.001079	1.818533	.0268740	.2997974	.7820455
#2	.1649877	.0038729	.000106	1.853010	.0254696	.2993578	.7830346
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0157465	.1472190	.6992614
Stddev	.0001127	.0000052	.0003626
%RSD	.7159944	.0035427	.0518605
#1	.0156667	.1472227	.6995179
#2	.0158262	.1472153	.6990050
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1475.210	864.7457	5578.621	4339.231
Stddev	4.296	2.8280	.628	3.838
%RSD	.2911872	.3270374	.0112625	.0884437
#1	1478.248	866.7454	5578.177	4336.517
#2	1472.173	862.7460	5579.065	4341.945

Sample Name: 500-208410-d-4-c Acquired: 11/19/2021 22:38:03 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0020059**	**59.37952**	**.0694897**	**.0987848**	**.2762020**	**.0052311**	**-.004818**
Stddev	.0004990	.52804	.0035247	.0000747	.0012594	.0001263	.000069
%RSD	24.87878	.8892702	5.072317	.0756376	.4559563	2.415005	1.442483
#1	.0016530	59.00613	.0719820	.0987320	.2753115	.0051418	-.004867
#2	.0023587	59.75290	.0669973	.0988377	.2770925	.0053204	-.004768
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**549.0159**	**.0016937**	**.3989264**	**.0866147**	**.1092451**	**.1559638**	**149.3477**
Stddev	1.4137	.0000318	.0028768	.0001234	.0011527	.0001853	2.0844
%RSD	.2574957	1.879075	.7211420	.1424671	1.055107	.1188287	1.395661
#1	550.0155	.0017162	.3968922	.0867019	.1100601	.1558328	147.8738
#2	548.0163	.0016712	.4009606	.0865274	.1084300	.1560949	150.8215
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**17.34199**	**.1368936**	**241.2333**	**3.143279**	**.0423050**	**1.424852**	**.2004095**
Stddev	.00950	.0012531	1.5812	.043217	.0003720	.004238	.0000281
%RSD	.0547561	.9153921	.6554653	1.374904	.8792567	.2974534	.0140395
#1	17.33527	.1377797	240.1152	3.112720	.0420420	1.427849	.2003896
#2	17.34870	.1360075	242.3514	3.173838	.0425680	1.421855	.2004294
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208410-d-4-c Acquired: 11/19/2021 22:38:03 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1024375	.0044489	.0015446	1.721359	.0264500	.4753800	1.201172
Stddev	.0021830	.0008980	.0027082	.011784	.0000332	.0002705	.000722
%RSD	2.131056	20.18334	175.3328	.6846037	.1254138	.0569010	.0600663
#1	.1008938	.0038140	-.000370	1.729692	.0264266	.4755713	1.201683
#2	.1039811	.0050839	.003460	1.713026	.0264735	.4751887	1.200662
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0070696	.1402687	.5126699
Stddev	.0003488	.0009744	.0018173
%RSD	4.933882	.6946689	.3544808
#1	.0073162	.1409577	.5113849
#2	.0068230	.1395797	.5139550
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1446.479	863.6307	5515.368	4286.624
Stddev	5.949	3.9250	7.492	12.103
%RSD	.4112665	.4544742	.1358411	.2823504
#1	1442.273	860.8553	5520.666	4278.066
#2	1450.686	866.4061	5510.070	4295.182

Sample Name: CCV Acquired: 11/19/2021 22:41:19 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5127491**	**48.31260**	**.4946203**	**.4861500**	**.5025624**	**.5257642**
Stddev	.0022595	.34373	.0075097	.0064621	.0046733	.0012749
%RSD	.4406604	.7114719	1.518286	1.329247	.9298870	.2424795
#1	.5143468	48.06954	.4893101	.4815806	.4992579	.5248627
#2	.5111514	48.55565	.4999305	.4907195	.5058669	.5266657
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5173880**	**25.60370**	**.4984540**	F **.0893605**	**.5290567**	**.5049276**
Stddev	.0018109	.00175	.0016127	.0074175	.0022165	.0004602
%RSD	.3500003	.0068300	.3235382	8.300642	.4189463	.0911460
#1	.5161075	25.60494	.4973137	.0841155	.5306240	.5052530
#2	.5186685	25.60246	.4995944	.0946054	.5274895	.5046022
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4925791**	**25.39991**	**47.61619**	**3.803532**	**24.52369**	**5.086194**
Stddev	.0021886	.17588	.41720	.046768	.23519	.010824
%RSD	.4443195	.6924435	.8761631	1.229584	.9590363	.2128208
#1	.4941267	25.27555	47.32119	3.770462	24.35738	5.078540
#2	.4910315	25.52428	47.91119	3.836601	24.68999	5.093849
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/19/2021 22:41:19 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4825770	24.13182	.5260018	.5217543	.4703313	.4853233
Stddev	.0043433	.26531	.0002039	.0020579	.0051745	.0040107
%RSD	.9000160	1.099406	.0387559	.3944109	1.100183	.8264036
#1	.4795058	23.94422	.5261460	.5202992	.4666724	.4824873
#2	.4856482	24.31942	.5258577	.5232095	.4739903	.4881593
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .2996562	.5296409	.4874597	.4966614	.5051348	4.919039
Stddev	.0025292	.0000773	.0003985	.0004746	.0013304	.001559
%RSD	.8440471	.0145998	.0817433	.0955596	.2633677	.0316885
#1	.2978677	.5295862	.4877415	.4969969	.5041941	4.917936
#2	.3014446	.5296956	.4871780	.4963258	.5060755	4.920141
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	.5402337
Stddev	.0048011
%RSD	.8887181
#1	.5436286
#2	.5368388
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/19/2021 22:41:19 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1745.371	889.4681	5610.325	4363.060
Stddev	18.893	16.9233	3.760	6.428
%RSD	1.082457	1.902627	.0670142	.1473367
#1	1758.730	901.4347	5612.984	4367.605
#2	1732.011	877.5015	5607.667	4358.514

Sample Name: CCB Acquired: 11/19/2021 22:44:24 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000305**	**.0165620**	**-.001786**	**.0007482**	**.0000163**	**-.000080**
Stddev	.000270	.0007445	.000564	.0000008	.0000029	.000150
%RSD	88.38454	4.494961	31.57910	.1018040	17.89557	187.2343
#1	-.000495	.0160356	-.002185	.0007477	.0000183	-.000186
#2	-.000114	.0170884	-.001387	.0007488	.0000142	.000026
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000600**	**-.004320**	**.0000451**	F **-.005936**	**-.000264**	**.0008559**
Stddev	.0000051	.001149	.0002001	.003807	.000060	.0007369
%RSD	8.453524	26.59199	443.9691	64.13701	22.67328	86.09639
#1	.0000564	-.005133	-.000096	-.003244	-.000307	.0003348
#2	.0000635	-.003508	.000187	-.008628	-.000222	.0013770
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008284**	**.0506831**	**-.012655**	**.0001705**	**-.010297**	**.0000312**
Stddev	.0000622	.0260707	.002851	.0002271	.006942	.0001298
%RSD	7.503732	51.43872	22.53226	133.1651	67.41775	415.8791
#1	.0008723	.0322483	-.010639	.0003311	-.005388	-.000061
#2	.0007844	.0691179	-.014671	.0000100	-.015206	.000123
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/19/2021 22:44:24 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000282**	**.0024829**	**.0004619**	**-.000075**	**-.000462**	**-.000181**
Stddev	.000225	.0003294	.0006572	.000251	.001724	.002318
%RSD	79.88565	13.26811	142.2954	335.7562	373.1308	1277.974
#1	-.000441	.0022500	-.000003	-.000253	.000757	.001458
#2	-.000123	.0027159	.000927	.000103	-.001681	-.001821
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003443**	**.0017220**	**.0000280**	**.0005629**	**.0008162**	**.0005344**
Stddev	.0006941	.0020211	.0000119	.0009034	.0010182	.0006160
%RSD	201.6185	117.3743	42.48303	160.4736	124.7530	115.2650
#1	.0008351	.0002928	.0000364	.0012017	.0000962	.0000988
#2	-.000147	.0031511	.0000196	-.000076	.0015361	.0009700
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.0001350**
Stddev	.0005231
%RSD	387.4613
#1	.0005049
#2	-.000235
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/19/2021 22:44:24 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1980.339	896.7323	5745.198	4358.383
Stddev	.096	.3428	20.236	15.715
%RSD	.0048684	.0382269	.3522293	.3605746
#1	1980.270	896.4899	5759.507	4369.496
#2	1980.407	896.9747	5730.889	4347.271

Sample Name: 500-208410-d-5-c Acquired: 11/19/2021 22:47:43 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0023435**	**57.43084**	**.0733050**	**.1026591**	**.1953076**	**.0051491**	**-.005657**
Stddev	.0001877	.18953	.0030451	.0000864	.0002937	.0000079	.000075
%RSD	8.010435	.3300158	4.154012	.0841265	.1503744	.1535161	1.318898
#1	.0024762	57.29682	.0711518	.1025981	.1950999	.0051547	-.005605
#2	.0022107	57.56486	.0754583	.1027202	.1955153	.0051435	-.005710
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**444.3838**	**.0016795**	**.3475917**	**.0871991**	**.1038154**	**.1581616**	**140.3382**
Stddev	8.2467	.0002565	.0099487	.0007449	.0008768	.0001524	2.5091
%RSD	1.855767	15.27499	2.862190	.8542969	.8445360	.0963304	1.787874
#1	438.5525	.0014981	.3546265	.0877258	.1044354	.1582694	138.5640
#2	450.2151	.0018609	.3405569	.0866723	.1031955	.1580539	142.1124
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**18.98331**	**.1347427**	**219.9739**	**2.865222**	**.0505217**	**1.289778**	**.2099845**
Stddev	.22550	.0023608	1.5312	.049418	.0003987	.020574	.0016175
%RSD	1.187877	1.752078	.6960710	1.724744	.7890919	1.595167	.7702990
#1	19.14276	.1364120	218.8912	2.830279	.0502399	1.304326	.2088407
#2	18.82386	.1330734	221.0566	2.900166	.0508036	1.275230	.2111282
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208410-d-5-c Acquired: 11/19/2021 22:47:43 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1194616	.0051285	.0042359	1.734860	.0256167	.3205028	.8204446
Stddev	.0031489	.0006910	.0008245	.010274	.0003889	.0004387	.0011006
%RSD	2.635892	13.47371	19.46404	.5922045	1.518047	.1368775	.1341531
#1	.1216882	.0046399	.0036529	1.727596	.0253417	.3208130	.8196663
#2	.1172350	.0056171	.0048189	1.742125	.0258917	.3201926	.8212228
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0092601	.1209154	.4843842
Stddev	.0014221	.0002067	.0029372
%RSD	15.35743	.1709639	.6063775
#1	.0082545	.1210616	.4864611
#2	.0102657	.1207692	.4823073
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1438.067	819.8503	5414.785	4198.628
Stddev	6.135	4.0128	6.072	43.302
%RSD	.4265842	.4894576	.1121442	1.031340
#1	1442.404	822.6878	5410.492	4168.009
#2	1433.729	817.0128	5419.079	4229.247

Sample Name: 500-208410-d-6-c Acquired: 11/19/2021 22:50:56 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015052	67.58767	.1144060	.1090214	.1384946	.0065963	-.002114
Stddev	.0002673	.39678	.0026199	.0003688	.0006897	.0001468	.001875
%RSD	17.75856	.5870622	2.290024	.3382441	.4980018	2.226063	88.66927
#1	.0013162	67.30711	.1125534	.1087606	.1380069	.0064924	-.000789
#2	.0016942	67.86824	.1162585	.1092821	.1389823	.0067001	-.003440
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	492.4868	.0023076	.4012165	.1324311	.1226993	.2575348	212.5351
Stddev	2.9387	.0002549	.0241635	.0008870	.0019685	.0024303	2.3407
%RSD	.5966982	11.04672	6.022566	.6697625	1.604353	.9436753	1.101306
#1	490.4089	.0024879	.3841303	.1318039	.1240913	.2558163	210.8800
#2	494.5648	.0021274	.4183027	.1330583	.1213074	.2592533	214.1902
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.57421	.1726428	272.3163	3.961584	.0815535	1.528620	.2924706
Stddev	.09064	.0001956	1.8583	.042772	.0000386	.003289	.0035623
%RSD	.4015269	.1132947	.6823983	1.079679	.0473615	.2151902	1.217991
#1	22.63830	.1727812	271.0023	3.931340	.0815808	1.530946	.2899517
#2	22.51011	.1725046	273.6303	3.991829	.0815261	1.526294	.2949895
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208410-d-6-c Acquired: 11/19/2021 22:50:56 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3321158	.0054792	.0029668	1.796446	.0268747	.2857596	.7718956
Stddev	.0019591	.0013388	.0029089	.013597	.0014188	.0001926	.0019894
%RSD	.5898914	24.43501	98.04705	.7568641	5.279274	.0673915	.2577276
#1	.3307305	.0064259	.0050237	1.786832	.0278780	.2856234	.7733023
#2	.3335012	.0045325	.0009099	1.806060	.0258715	.2858958	.7704889
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0143835	.1262599	.8787642
Stddev	.0022250	.0003294	.0054548
%RSD	15.46907	.2608646	.6207371
#1	.0128102	.1264928	.8749071
#2	.0159568	.1260270	.8826213
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1429.126	834.1150	5397.922	4191.716
Stddev	.539	1.1462	27.150	7.966
%RSD	.0377283	.1374168	.5029668	.1900514
#1	1429.507	834.9255	5417.120	4186.083
#2	1428.745	833.3046	5378.724	4197.349

Sample Name: 500-208447-a-1-a Acquired: 11/19/2021 22:54:13 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0036898**	**162.1178**	**.1063736**	**.0105173**	**.7460092**	**.0110712**	**.0035887**
Stddev	.0011087	1.2472	.0041123	.0003574	.0050464	.0001430	.0016292
%RSD	30.04886	.7693229	3.865871	3.398075	.6764518	1.291269	45.39895
#1	.0029058	161.2359	.1034658	.0102646	.7424409	.0109701	.0047407
#2	.0044738	162.9998	.1092814	.0107701	.7495776	.0111723	.0024366
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**28.01906**	**.0011917**	**.7548917**	**.0899999**	**.3159840**	**.1603582**	**238.6090**
Stddev	.01715	.0000095	.0340407	.0006854	.0019860	.0008494	1.5066
%RSD	.0612071	.7963684	4.509345	.7615095	.6285257	.5296977	.6314010
#1	28.00694	.0011984	.7308213	.0895153	.3145797	.1609588	237.5437
#2	28.03119	.0011850	.7789620	.0904845	.3173884	.1597576	239.6743
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.383886**	**.1028833**	**15.37272**	**3.637677**	**.0206439**	**.3484154**	**.1821248**
Stddev	.073986	.0007461	.06191	.022330	.0008633	.0054853	.0001440
%RSD	.8824816	.7252072	.4027324	.6138634	4.181805	1.574351	.0790436
#1	8.331570	.1023557	15.32894	3.621887	.0212543	.3445367	.1820230
#2	8.436202	.1034109	15.41649	3.653467	.0200335	.3522940	.1822266
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-1-a Acquired: 11/19/2021 22:54:13 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2366118	.0038370	.0022016	1.388294	.0326850	.0839020	1.157588
Stddev	.0006635	.0017829	.0016087	.000186	.0009370	.0000344	.001416
%RSD	.2804368	46.46729	73.07090	.0134263	2.866666	.0410576	.1223424
#1	.2361426	.0050977	.0033391	1.388162	.0333475	.0839263	1.156587
#2	.2370810	.0025762	.0010641	1.388426	.0320225	.0838776	1.158589
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0067586	.3994524	.6205663
Stddev	.0017352	.0012284	.0020353
%RSD	25.67362	.3075130	.3279771
#1	.0055316	.3985838	.6191271
#2	.0079855	.4003210	.6220055
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1665.546	963.1459	6229.461	4700.576
Stddev	2.100	4.5142	24.717	25.759
%RSD	.1260612	.4686885	.3967720	.5479921
#1	1664.061	959.9539	6211.984	4682.362
#2	1667.030	966.3379	6246.939	4718.790

Sample Name: 500-208447-a-2-a Acquired: 11/19/2021 22:57:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012670**	**72.87331**	**.0421818**	**.0343673**	**.9457674**	**.0050107**	**-.006326**
Stddev	.0000223	1.03818	.0000113	.0000107	.0115012	.0001738	.000847
%RSD	1.757014	1.424637	.0267944	.0312364	1.216066	3.467828	13.38193
#1	.0012513	72.13921	.0421738	.0343749	.9376348	.0048878	-.005728
#2	.0012827	73.60741	.0421898	.0343597	.9538999	.0051335	-.006925
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**86.97078**	**.0022427**	**.5230595**	**.0651085**	**.1001119**	**.1111901**	**106.7209**
Stddev	.67844	.0000022	.0063693	.0001896	.0000028	.0009587	1.0982
%RSD	.7800746	.0963048	1.217706	.2911265	.0028088	.8622269	1.029068
#1	86.49105	.0022443	.5185557	.0649745	.1001139	.1118680	105.9443
#2	87.45050	.0022412	.5275633	.0652425	.1001099	.1105122	107.4975
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.476685**	**.0592710**	**22.18281**	**6.430013**	**.0069871**	**.4672319**	**.1072949**
Stddev	.161368	.0010776	.21591	.072914	.0003598	.0113616	.0000052
%RSD	1.903672	1.818039	.9733025	1.133969	5.150014	2.431687	.0048326
#1	8.362581	.0585091	22.03014	6.378455	.0072416	.4591980	.1072912
#2	8.590790	.0600330	22.33548	6.481572	.0067327	.4752658	.1072986
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-2-a Acquired: 11/19/2021 22:57:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1163206	.0011087	.0044087	1.287053	.0259509	.1776334	1.284757
Stddev	.0010756	.0015054	.0052975	.008214	.0001830	.0005665	.002801
%RSD	.9246797	135.7750	120.1615	.6382103	.7050570	.3188888	.2179993
#1	.1170811	.0000443	.0081545	1.281245	.0258215	.1780340	1.282776
#2	.1155600	.0021732	.0006628	1.292861	.0260803	.1772329	1.286737
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0020315	.1675677	.4980414
Stddev	.0007436	.0012362	.0026086
%RSD	36.60385	.7377076	.5237630
#1	.0025573	.1684418	.4961969
#2	.0015057	.1666937	.4998859
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1675.880	920.9774	5997.441	4446.351
Stddev	.825	.6299	37.000	9.405
%RSD	.0492186	.0683928	.6169337	.2115193
#1	1676.463	920.5321	5971.278	4453.002
#2	1675.297	921.4228	6023.605	4439.701

Sample Name: 500-208447-a-3-a Acquired: 11/19/2021 23:00:33 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023521	111.6434	.0653813	.0143428	.8666828	.0058436	-.001813
Stddev	.0004235	1.9735	.0023881	.0002548	.0141345	.0000821	.001718
%RSD	18.00631	1.767667	3.652637	1.776267	1.630872	1.404551	94.74692
#1	.0020527	110.2479	.0636926	.0145230	.8566882	.0057855	-.000598
#2	.0026516	113.0389	.0670700	.0141627	.8766774	.0059016	-.003028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.04178	.0009864	.7287852	.1135730	.1556247	.1014330	154.2043
Stddev	.07250	.0000818	.0019554	.0009165	.0009727	.0002178	1.8174
%RSD	.7220227	8.290110	.2683043	.8069365	.6250162	.2147638	1.178578
#1	9.99051	.0010442	.7274026	.1129250	.1549369	.1012789	152.9192
#2	10.09305	.0009286	.7301679	.1142211	.1563125	.1015870	155.4894
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.546417	.0795705	12.38872	8.126807	.0100032	.3318982	.1154510
Stddev	.206578	.0018490	.14650	.098085	.0000558	.0096525	.0018610
%RSD	2.417134	2.323675	1.182553	1.206927	.5581412	2.908281	1.611958
#1	8.400344	.0782631	12.28513	8.057450	.0100427	.3250729	.1141351
#2	8.692490	.0808779	12.49232	8.196163	.0099637	.3387236	.1167669
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-3-a Acquired: 11/19/2021 23:00:33 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2098089	.0012912	.0050399	1.260968	.0259336	.0536708	1.450243
Stddev	.0036531	.0016884	.0019021	.000273	.0003665	.0001227	.004305
%RSD	1.741171	130.7682	37.74162	.0216448	1.413174	.2286849	.2968759
#1	.2072258	.0024851	.0036949	1.261161	.0256744	.0535840	1.447199
#2	.2123921	.0000973	.0063849	1.260775	.0261927	.0537575	1.453287
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0041841	.2539631	.4563754
Stddev	.0005701	.0004096	.0020968
%RSD	13.62454	.1612895	.4594416
#1	.0045872	.2542527	.4548927
#2	.0037810	.2536735	.4578580
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.944	954.1138	6118.855	4578.236
Stddev	4.074	3.5543	18.673	9.020
%RSD	.2364694	.3725272	.3051670	.1970185
#1	1725.825	951.6005	6132.059	4584.614
#2	1720.063	956.6271	6105.651	4571.858

Sample Name: 500-208447-a-4-a Acquired: 11/19/2021 23:03:43 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008012**	**41.42103**	**.0455952**	**.1083802**	**.7166184**	**.0057890**	**-.006798**
Stddev	.0003601	.41950	.0015352	.0001672	.0055665	.0000918	.000828
%RSD	44.94676	1.012766	3.366966	.1542552	.7767710	1.585529	12.18306
#1	.0010558	41.12440	.0445097	.1084985	.7126823	.0058539	-.006212
#2	.0005466	41.71766	.0466808	.1082620	.7205545	.0057241	-.007384
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**203.8296**	**.0040495**	**.2677527**	**.0366866**	**.0818928**	**.1375777**	**82.03270**
Stddev	2.1013	.0000356	.0167053	.0002360	.0010604	.0005190	.96163
%RSD	1.030932	.8800995	6.239080	.6433305	1.294797	.3772621	1.172250
#1	202.3438	.0040747	.2559403	.0368535	.0811430	.1372107	81.35272
#2	205.3155	.0040243	.2795651	.0365197	.0826425	.1379447	82.71267
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.465863**	**.0380892**	**18.85151**	**4.035202**	**.0084096**	**.6044874**	**.0957784**
Stddev	.047246	.0006889	.11142	.035426	.0004315	.0032430	.0014073
%RSD	.7307017	1.808741	.5910210	.8779311	5.131483	.5364956	1.469330
#1	6.432454	.0376020	18.77273	4.010152	.0087148	.6021942	.0967736
#2	6.499271	.0385763	18.93030	4.060252	.0081045	.6067806	.0947833
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-4-a Acquired: 11/19/2021 23:03:43 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1069287	.0032604	.0037785	1.364810	.0250274	.3596105	1.027807
Stddev	.0008234	.0021046	.0010972	.000670	.0000634	.0013228	.002555
%RSD	.7700565	64.54908	29.03800	.0490737	.2531860	.3678355	.2486355
#1	.1063464	.0017722	.0030026	1.364337	.0249826	.3586752	1.026000
#2	.1075109	.0047485	.0045543	1.365284	.0250723	.3605459	1.029614
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0045928	.1181395	.5316020
Stddev	.0023850	.0008703	.0022689
%RSD	51.92894	.7366789	.4268111
#1	.0062792	.1187550	.5299976
#2	.0029063	.1175241	.5332064
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1631.424	857.0043	5592.010	4266.238
Stddev	3.699	4.5763	28.081	2.589
%RSD	.2267532	.5339862	.5021711	.0606748
#1	1628.808	853.7684	5611.866	4264.408
#2	1634.040	860.2403	5572.153	4268.068

Sample Name: ms 500-629718/1-a Acquired: 11/19/2021 23:07:14 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000008**	**.0402332**	**-.003084**	**.0005152**	**.0003222**	**-.000179**	**-.011487**
Stddev	.000699	.0010112	.000564	.0000416	.0000622	.000152	.000030
%RSD	8835.679	2.513324	18.28895	8.075024	19.30060	84.85122	.2649208
#1	-.000502	.0395182	-.003483	.0004857	.0002782	-.000287	-.011466
#2	.000486	.0409483	-.002685	.0005446	.0003661	-.000072	-.011509
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0287766**	**.0005338**	**.0004339**	**-.000925**	**.0070185**	**.0008779**	**.1292151**
Stddev	.0018372	.0000488	.0024143	.000237	.0006514	.0001279	.0048149
%RSD	6.384216	9.144044	556.4208	25.59391	9.281512	14.56415	3.726273
#1	.0300756	.0004993	.0021410	-.001092	.0074791	.0009683	.1258105
#2	.0274775	.0005683	-.001273	-.000758	.0065578	.0007875	.1326198
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012233**	**.0001862**	**.0148452**	**.0008558**	**.0008897**	**.0907629**	**-.001518**
Stddev	.0112008	.0003898	.0111933	.0004908	.0003600	.0006841	.000203
%RSD	915.6432	209.3819	75.40034	57.35129	40.46389	.7537599	13.35128
#1	-.006697	.0004618	.0069303	.0005087	.0011442	.0902791	-.001375
#2	.009143	-.000089	.0227601	.0012028	.0006351	.0912466	-.001662
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: ms 500-629718/1-a Acquired: 11/19/2021 23:07:14 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001445**	**.0019720**	**-.000861**	**.0144037**	**.0179835**	**.0001410**	**.0010705**
Stddev	.001032	.0005231	.000304	.0005218	.0006320	.0000010	.0002645
%RSD	71.38159	26.52734	35.36406	3.622641	3.514505	.7460323	24.70466
#1	-.002175	.0023419	-.001076	.0147727	.0184304	.0001418	.0012575
#2	-.000716	.0016021	-.000646	.0140347	.0175366	.0001403	.0008835
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**-.001166**	**.0001969**	**.0017081**
Stddev	.001041	.0002652	.0000124
%RSD	89.22446	134.6594	.7246637
#1	-.000431	.0003844	.0016993
#2	-.001902	.0000094	.0017168
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1957.412**	**901.8891**	**5786.442**	**4318.258**
Stddev	4.481	3.4408	5.780	27.624
%RSD	.2289402	.3815085	.0998940	.6397057
#1	1960.581	904.3221	5790.529	4337.791
#2	1954.244	899.4561	5782.354	4298.725

Sample Name: lcs 500-629718/2-a Acquired: 11/19/2021 23:10:32 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0444459	1.781417	.0819810	.7697590	1.867675	.0464649	.4231216
Stddev	.0006961	.005544	.0025484	.0067279	.017989	.0008879	.0017211
%RSD	1.566091	.3112312	3.108495	.8740281	.9631722	1.910983	.4067645
#1	.0439537	1.777497	.0837830	.7650016	1.854955	.0458371	.4219045
#2	.0449381	1.785338	.0801790	.7745163	1.880395	.0470928	.4243386
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.079302	.0434436	.0457426	.4597338	.1926098	.2357990	1.080300
Stddev	.091074	.0003706	.0049346	.0011713	.0020292	.0013413	.026330
%RSD	1.003092	.8531328	10.78769	.2547677	1.053546	.5688297	2.437243
#1	9.014903	.0431815	.0422534	.4589056	.1911749	.2367474	1.061682
#2	9.143701	.0437056	.0492319	.4605620	.1940447	.2348505	1.098918
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.026658	.4635681	8.896546	.4601980	.9448623	9.299641	.4630412
Stddev	.038195	.0005912	.066120	.0030479	.0082287	.025439	.0026675
%RSD	.4231386	.1275250	.7432050	.6622969	.8708834	.2735501	.5760799
#1	8.999650	.4631501	8.849793	.4580429	.9390437	9.281652	.4611550
#2	9.053666	.4639861	8.943300	.4623532	.9506808	9.317629	.4649274
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: lcs 500-629718/2-a Acquired: 11/19/2021 23:10:32 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0854850	.4509544	.0794637	2.099873	.9333297	.9167747	.9581076
Stddev	.0012483	.0040088	.0002618	.018332	.0039882	.0039834	.0038991
%RSD	1.460242	.8889698	.3294692	.8730210	.4273127	.4345018	.4069557
#1	.0846024	.4481197	.0796488	2.086910	.9305096	.9195914	.9608647
#2	.0863677	.4537891	.0792786	2.112836	.9361498	.9139580	.9553506
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0847106	.4708842	.4556766
Stddev	.0011826	.0023482	.0021997
%RSD	1.396004	.4986756	.4827399
#1	.0838744	.4725446	.4541212
#2	.0855468	.4692237	.4572321
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1858.837	885.4005	5666.061	4282.593
Stddev	12.126	7.8585	34.591	30.438
%RSD	.6523593	.8875676	.6105026	.7107311
#1	1867.412	890.9573	5641.601	4261.070
#2	1850.263	879.8437	5690.521	4304.116

Sample Name: 500-208447-a-5-a Acquired: 11/19/2021 23:13:46 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010872**	**42.09582**	**.0371609**	**.0280309**	**.5280091**	**.0033633**	**-.008688**
Stddev	.0004616	.45203	.0000918	.0000191	.0032961	.0001701	.000682
%RSD	42.45821	1.073810	.2470699	.0682930	.6242481	5.057811	7.850923
#1	.0007608	41.77619	.0372259	.0280174	.5256784	.0032430	-.009170
#2	.0014137	42.41546	.0370960	.0280444	.5303398	.0034836	-.008206
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**102.7135**	**.0026372**	**.2728432**	**.0366944**	**.0708147**	**.1091275**	**72.57730**
Stddev	.4407	.0000954	.0051100	.0001982	.0003840	.0002405	.46727
%RSD	.4290887	3.616084	1.872862	.5401369	.5422249	.2204037	.6438186
#1	102.4018	.0025697	.2692300	.0365542	.0705432	.1092976	72.24689
#2	103.0251	.0027046	.2764566	.0368345	.0710862	.1089574	72.90771
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.956089**	**.0327320**	**20.57475**	**4.145110**	**.0084783**	**.7874425**	**.0718973**
Stddev	.052356	.0004598	.33429	.016095	.0004347	.0146786	.0001901
%RSD	.8790302	1.404848	1.624750	.3882902	5.126554	1.864081	.2643897
#1	5.919068	.0324069	20.33837	4.133729	.0081710	.7770632	.0717629
#2	5.993110	.0330572	20.81113	4.156491	.0087857	.7978218	.0720317
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-5-a Acquired: 11/19/2021 23:13:46 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1038039	.0025963	.0028784	1.508961	.0234231	.1367098	1.074803
Stddev	.0010949	.0012809	.0007448	.000877	.0015822	.0003338	.001710
%RSD	1.054765	49.33670	25.87657	.0580958	6.754925	.2441455	.1591254
#1	.1030297	.0035021	.0023518	1.509581	.0245419	.1364738	1.073594
#2	.1045781	.0016906	.0034051	1.508341	.0223043	.1369459	1.076012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0023464	.1196881	.3589682
Stddev	.0024219	.0012959	.0006881
%RSD	103.2170	1.082749	.1916850
#1	.0006339	.1187717	.3584817
#2	.0040590	.1206044	.3594548
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1692.668	882.5827	5741.892	4336.160
Stddev	7.234	7.0701	21.451	7.585
%RSD	.4273938	.8010698	.3735876	.1749245
#1	1697.784	887.5820	5726.724	4330.796
#2	1687.553	877.5834	5757.060	4341.523

Sample Name: 500-208447-a-5-aSD@5 Acquired: 11/19/2021 23:16:57 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000300**	**8.811811**	**.0077071**	**.0057235**	**.1100268**	**.0008639**	**-.001571**
Stddev	.000265	.016396	.0012945	.0003996	.0006957	.0001801	.001718
%RSD	88.26451	.1860666	16.79564	6.982326	.6322652	20.84946	109.3703
#1	-.000113	8.800217	.0086224	.0060060	.1095349	.0007366	-.002786
#2	-.000487	8.823404	.0067918	.0054409	.1105188	.0009913	-.000356
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**22.40849**	**.0005044**	**.0400678**	**.0073185**	**.0158051**	**.0225181**	**15.83303**
Stddev	.20288	.0000822	.0003166	.0000618	.0007579	.0000863	.09960
%RSD	.9053605	16.29168	.7900329	.8446641	4.795121	.3832301	.6290839
#1	22.26503	.0005625	.0398440	.0073622	.0152692	.0224571	15.76260
#2	22.55195	.0004463	.0402917	.0072748	.0163410	.0225791	15.90346
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.201776**	**.0063374**	**4.382415**	**.9072139**	**.0019028**	**.1623732**	**.0165805**
Stddev	.017561	.0000081	.044862	.0077447	.0002478	.0015437	.0002364
%RSD	1.461277	.1277125	1.023681	.8536799	13.02484	.9506844	1.425731
#1	1.189358	.0063317	4.350693	.9017375	.0020781	.1612816	.0167477
#2	1.214193	.0063432	4.414138	.9126902	.0017276	.1634647	.0164134
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-5-aSD@5 Acquired: 11/19/2021 23:16:57 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211593	.0000833	.0000986	.3125504	.0045954	.0294602	.2339977
Stddev	.0006389	.0001972	.0012251	.0070151	.0002202	.0000474	.0000040
%RSD	3.019375	236.7291	1241.891	2.244477	4.791811	.1608604	.0017207
#1	.0207076	-.000056	.0009650	.3175108	.0044397	.0294937	.2340005
#2	.0216111	.000223	-.000768	.3075899	.0047511	.0294267	.2339949
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000367	.0255945	.0751803
Stddev	.000526	.0001940	.0004209
%RSD	143.5130	.7580163	.5599105
#1	.000005	.0254573	.0754779
#2	-.000739	.0257317	.0748826
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1901.791	917.6900	5881.406	4381.456
Stddev	13.383	9.4782	14.397	9.351
%RSD	.7037159	1.032835	.2447952	.2134137
#1	1911.255	924.3921	5871.226	4374.844
#2	1892.328	910.9879	5891.587	4388.068

Sample Name: CCV Acquired: 11/19/2021 23:20:12 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5068263**	**47.98191**	**.4932303**	**.4840099**	**.4995921**	**.5264555**
Stddev	.0021354	.29551	.0047899	.0054468	.0034014	.0047112
%RSD	.4213328	.6158787	.9711373	1.125355	.6808443	.8948954
#1	.5053163	48.19086	.4898433	.4801584	.5019972	.5231241
#2	.5083363	47.77295	.4966173	.4878614	.4971869	.5297868
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5114716**	**25.70026**	**.4930392**	F **.0837480**	**.5226498**	**.4981491**
Stddev	.0043184	.38175	.0030633	.0126283	.0036448	.0020156
%RSD	.8443073	1.485395	.6213031	15.07895	.6973613	.4046090
#1	.5084180	25.43032	.4908732	.0926776	.5200726	.4967238
#2	.5145251	25.97020	.4952053	.0748185	.5252271	.4995743
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4922643**	**25.31683**	**47.23730**	**3.774110**	**24.44640**	**5.094892**
Stddev	.0013688	.20371	.96903	.095308	.25459	.040404
%RSD	.2780603	.8046430	2.051415	2.525320	1.041407	.7930288
#1	.4932322	25.17278	47.92251	3.841504	24.62642	5.066322
#2	.4912964	25.46087	46.55209	3.706717	24.26638	5.123462
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/19/2021 23:20:12 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4800835	23.96905	.5203180	.5209719	.4707500	.4857047
Stddev	.0021515	.54438	.0046863	.0064442	.0057993	.0087408
%RSD	.4481558	2.271170	.9006658	1.236949	1.231934	1.799608
#1	.4785622	24.35398	.5170043	.5164152	.4666493	.4795240
#2	.4816049	23.58412	.5236318	.5255286	.4748507	.4918853
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .2951002	.5244358	.4859048	.4933083	.5037911	4.865526
Stddev	.0017234	.0019536	.0003122	.0009486	.0067528	.007055
%RSD	.5839953	.3725128	.0642527	.1922988	1.340388	.1450033
#1	.2938815	.5230544	.4856840	.4926375	.4990162	4.860537
#2	.2963188	.5258172	.4861255	.4939790	.5085660	4.870514
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	.5296806
Stddev	.0013668
%RSD	.2580364
#1	.5287141
#2	.5306470
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/19/2021 23:20:12 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1736.051	881.6177	5584.665	4341.188
Stddev	16.447	8.0364	13.093	65.895
%RSD	.9473752	.9115461	.2344453	1.517912
#1	1747.681	887.3002	5575.407	4294.593
#2	1724.421	875.9351	5593.923	4387.783

Sample Name: CCB Acquired: 11/19/2021 23:23:18 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000553**	**.0108188**	**-.000944**	**.0006267**	**.0000384**	**-.000047**
Stddev	.000129	.0022949	.000113	.0002670	.0000018	.000205
%RSD	23.31221	21.21194	11.94164	42.60604	4.766051	437.6057
#1	-.000644	.0091961	-.001024	.0008155	.0000371	.000098
#2	-.000462	.0124416	-.000865	.0004379	.0000397	-.000192
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000272**	**-.007503**	**.0000982**	F **-.014147**	**-.000418**	**-.000449**
Stddev	.000385	.003862	.0000686	.001523	.000228	.000627
%RSD	141.7074	51.47849	69.88920	10.76924	54.55879	139.8019
#1	-.000544	-.004772	.0001467	-.013070	-.000580	-.000892
#2	.000001	-.010234	.0000497	-.015224	-.000257	-.000005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006094**	**.0406334**	**-.017486**	**.0002747**	**.0032425**	**-.000063**
Stddev	.0000206	.0551468	.000389	.0000265	.0064979	.000489
%RSD	3.376607	135.7180	2.221783	9.660259	200.3930	773.7404
#1	.0005948	.0796281	-.017212	.0002935	.0078372	.000282
#2	.0006239	.0016387	-.017761	.0002560	-.001352	-.000409
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/19/2021 23:23:18 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000207	.0013832	.0010125	-.000425	-.000157	.0009890
Stddev	.000385	.0024124	.0004841	.000241	.001058	.0004243
%RSD	185.8992	174.4101	47.80983	56.66837	672.8968	42.90133
#1	.000065	-.000323	.0006702	-.000255	.000591	.0012890
#2	-.000479	.003089	.0013548	-.000596	-.000905	.0006890
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001573	.0017865	.0000264	.0001504	-.000291	-.000445
Stddev	.000707	.0004021	.0000037	.0002987	.000586	.000802
%RSD	44.96919	22.50882	13.90580	198.6627	201.4110	180.2970
#1	-.001073	.0020708	.0000290	-.000061	-.000706	-.001012
#2	-.002073	.0015021	.0000238	.000362	.000123	.000122
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	-.000023
Stddev	.000145
%RSD	642.5325
#1	-.000125
#2	.000080
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/19/2021 23:23:18 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1984.805	910.2259	5849.867	4366.639
Stddev	1.978	2.1874	177.167	4.808
%RSD	.0996672	.2403192	3.028563	.1101075
#1	1986.204	908.6791	5975.142	4363.239
#2	1983.406	911.7726	5724.591	4370.038

Sample Name: 500-208447-a-5-b du Acquired: 11/19/2021 23:26:36 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000753	36.75377	.0273737	.0232771	.4439501	.0026972	-.009197
Stddev	.0006446	.45203	.0005961	.0001766	.0033345	.0002233	.002988
%RSD	856.3238	1.229891	2.177707	.7585669	.7510909	8.277115	32.48956
#1	.0005310	36.43414	.0269522	.0231522	.4415922	.0028551	-.011309
#2	-.000380	37.07341	.0277952	.0234019	.4463079	.0025394	-.007084
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	70.87458	.0026919	.2309623	.0320880	.0685555	.0904896	60.30172
Stddev	.79168	.0000214	.0039059	.0003384	.0015536	.0004688	.60206
%RSD	1.117010	.7964407	1.691124	1.054711	2.266149	.5181048	.9984169
#1	70.31478	.0027070	.2282004	.0318487	.0696541	.0908211	59.87599
#2	71.43438	.0026767	.2337241	.0323273	.0674570	.0901581	60.72744
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.222963	.0284287	14.97079	3.604597	.0066682	.7151068	.0647227
Stddev	.106609	.0005141	.19057	.027073	.0001492	.0151511	.0007268
%RSD	2.041166	1.808390	1.272943	.7510713	2.236988	2.118713	1.122898
#1	5.147579	.0280652	14.83604	3.585454	.0065627	.7043934	.0652367
#2	5.298348	.0287923	15.10555	3.623741	.0067737	.7258202	.0642088
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-5-b du Acquired: 11/19/2021 23:26:36 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0730606	.0024775	.0014932	1.508380	.0198544	.1074212	.9412343
Stddev	.0002416	.0013364	.0008423	.009563	.0033199	.0003006	.0024411
%RSD	.3307560	53.93910	56.40873	.6339833	16.72120	.2798723	.2593514
#1	.0732314	.0034225	.0008976	1.501618	.0175069	.1076338	.9429604
#2	.0728897	.0015326	.0020888	1.515142	.0222020	.1072086	.9395081
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000292	.1047640	.3329482
Stddev	.000520	.0002152	.0030623
%RSD	177.8099	.2053683	.9197521
#1	.000075	.1049161	.3307828
#2	-.000660	.1046119	.3351135
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1735.410	892.1011	5760.642	4293.941
Stddev	.143	1.1162	22.752	8.503
%RSD	.0082304	.1251225	.3949638	.1980273
#1	1735.511	892.8904	5744.553	4287.929
#2	1735.309	891.3118	5776.730	4299.954

Sample Name: 500-208447-a-5-c ms Acquired: 11/19/2021 23:29:47 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0459526**	**69.78199**	**.1247335**	**.7899444**	**2.480709**	**.0498558**	**.4703964**
Stddev	.0009463	1.12524	.0003488	.0010171	.035081	.0002775	.0044318
%RSD	2.059373	1.612506	.2796105	.1287597	1.414137	.5566061	.9421348
#1	.0452835	68.98632	.1244868	.7892252	2.455903	.0496596	.4672626
#2	.0466218	70.57765	.1249801	.7906636	2.505515	.0500521	.4735301
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**102.9940**	**.0451850**	**.3141387**	**.5246398**	**.2692117**	**.3427163**	**75.36206**
Stddev	.3524	.0001879	.0234259	.0030009	.0005570	.0005097	.35005
%RSD	.3421930	.4158305	7.457184	.5719907	.2069148	.1487134	.4644921
#1	103.2432	.0450522	.2975740	.5225179	.2688178	.3430767	75.11454
#2	102.7448	.0453179	.3307033	.5267618	.2696056	.3423559	75.60959
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**19.04673**	**.5284884**	**29.97911**	**4.839176**	**.9025876**	**10.30311**	**.5708258**
Stddev	.42517	.0152453	.44044	.021562	.0038394	.25289	.0033775
%RSD	2.232261	2.884692	1.469143	.4455728	.4253727	2.454542	.5916784
#1	18.74609	.5177084	29.66767	4.823930	.8998728	10.12428	.5684376
#2	19.34738	.5392685	30.29055	4.854423	.9053025	10.48193	.5732140
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-5-c ms Acquired: 11/19/2021 23:29:47 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1829213	.2668806	.0850609	2.791516	.9529784	1.026764	2.286914
Stddev	.0007273	.0010253	.0066012	.004097	.0016747	.002011	.002132
%RSD	.3975790	.3841665	7.760510	.1467503	.1757337	.1958103	.0932452
#1	.1824070	.2676056	.0803932	2.788619	.9517942	1.025343	2.285406
#2	.1834355	.2661557	.0897286	2.794412	.9541626	1.028186	2.288421
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0891981	.6071288	.8659263
Stddev	.0007093	.0005941	.0058988
%RSD	.7952409	.0978496	.6812159
#1	.0886965	.6067087	.8617552
#2	.0896997	.6075489	.8700974
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1640.774	874.0308	5645.365	4324.887
Stddev	3.753	4.2999	5.141	11.061
%RSD	.2287255	.4919630	.0910590	.2557558
#1	1638.120	870.9903	5641.730	4332.709
#2	1643.427	877.0713	5649.000	4317.066

Sample Name: 500-208447-a-5-d msd Acquired: 11/19/2021 23:32:59 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0449664**	**68.84798**	**.1234172**	**.7837318**	**2.459411**	**.0501295**	**.4653474**
Stddev	.0013657	.54094	.0004457	.0068012	.005572	.0001289	.0014829
%RSD	3.037225	.7857074	.3611177	.8677934	.2265679	.2572141	.3186720
#1	.0459321	68.46548	.1231021	.7789226	2.455471	.0500384	.4642988
#2	.0440007	69.23049	.1237324	.7885409	2.463352	.0502207	.4663960
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**87.34880**	**.0447583**	**.3267324**	**.5190417**	**.2747986**	**.3403614**	**73.93795**
Stddev	.69650	.0000480	.0102787	.0011472	.0029330	.0013196	.61175
%RSD	.7973785	.1072510	3.145892	.2210140	1.067334	.3877208	.8273873
#1	86.85630	.0447243	.3194643	.5182306	.2768726	.3394283	73.50538
#2	87.84130	.0447922	.3340005	.5198529	.2727246	.3412945	74.37053
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**18.82663**	**.5323166**	**28.28529**	**4.527544**	**.9002267**	**10.35444**	**.5722503**
Stddev	.07413	.0025710	.09705	.017605	.0055799	.05576	.0022591
%RSD	.3937642	.4829847	.3431168	.3888507	.6198334	.5385083	.3947707
#1	18.87905	.5341346	28.21667	4.515095	.8962811	10.39387	.5706529
#2	18.77421	.5304986	28.35392	4.539993	.9041723	10.31501	.5738477
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-5-d msd Acquired: 11/19/2021 23:32:59 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1741172	.2625078	.0813091	2.589834	.9427046	1.016488	2.289712
Stddev	.0028354	.0000558	.0012764	.021124	.0020978	.018893	.004183
%RSD	1.628438	.0212387	1.569831	.8156561	.2225272	1.858612	.1826785
#1	.1721123	.2625473	.0822117	2.574897	.9412212	1.003129	2.286754
#2	.1761221	.2624684	.0804066	2.604771	.9441879	1.029847	2.292670
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0877838	.5971387	.8670841
Stddev	.0019932	.0017419	.0008539
%RSD	2.270580	.2917135	.0984747
#1	.0863744	.5959069	.8676879
#2	.0891932	.5983704	.8664803
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1653.684	876.9380	5641.612	4300.237
Stddev	9.063	8.2870	6.232	35.811
%RSD	.5480243	.9449948	.1104686	.8327658
#1	1660.092	882.7978	5646.019	4274.915
#2	1647.275	871.0782	5637.205	4325.559

Sample Name: 500-208447-a-6-a Acquired: 11/19/2021 23:36:11 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010048**	**54.90719**	**.0412884**	**.0441378**	**.7789951**	**.0041620**	**-.006518**
Stddev	.0007640	.89026	.0030015	.0002354	.0103105	.0002441	.001330
%RSD	76.03251	1.621397	7.269645	.5333290	1.323557	5.864111	20.41094
#1	.0004646	54.27768	.0434108	.0443043	.7717045	.0043346	-.007459
#2	.0015451	55.53670	.0391660	.0439714	.7862857	.0039895	-.005577
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**115.3029**	**.0024325**	**.3786350**	**.0647713**	**.1049445**	**.1235508**	**88.91766**
Stddev	1.9767	.0002055	.0015309	.0002955	.0016860	.0006130	1.51928
%RSD	1.714338	8.446398	.4043106	.4562567	1.606551	.4961624	1.708638
#1	113.9052	.0025777	.3775525	.0645624	.1037523	.1231173	87.84336
#2	116.7007	.0022872	.3797175	.0649803	.1061367	.1239843	89.99195
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.301876**	**.0421105**	**15.24957**	**6.805255**	**.0078169**	**.4008578**	**.0747495**
Stddev	.107252	.0004384	.23091	.105040	.0009564	.0036353	.0007136
%RSD	1.291901	1.041097	1.514218	1.543517	12.23484	.9068911	.9546562
#1	8.226037	.0418005	15.08629	6.730981	.0071406	.3982872	.0752541
#2	8.377714	.0424205	15.41285	6.879530	.0084931	.4034283	.0742449
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-6-a Acquired: 11/19/2021 23:36:11 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0998875	.0021981	.0027187	1.416273	.0212328	.2221680	.9686356
Stddev	.0003108	.0009257	.0008005	.000837	.0004293	.0011573	.0032695
%RSD	.3111633	42.11430	29.44609	.0591210	2.021937	.5209070	.3375323
#1	.1001073	.0028527	.0021526	1.416865	.0215364	.2213497	.9663237
#2	.0996678	.0015435	.0032847	1.415681	.0209293	.2229863	.9709474
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0008634	.1333133	.4910392
Stddev	.0023816	.0003339	.0018543
%RSD	275.8310	.2504639	.3776221
#1	.0025475	.1330772	.4897281
#2	-.000821	.1335494	.4923504
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1676.532	892.6162	5715.219	4376.118
Stddev	10.973	4.8098	14.074	14.560
%RSD	.6545027	.5388445	.2462502	.3327256
#1	1668.772	889.2151	5725.171	4386.414
#2	1684.291	896.0172	5705.267	4365.822

Sample Name: 500-208447-a-7-a Acquired: 11/19/2021 23:39:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014956	88.37641	.0575284	.0124108	.5915449	.0053889	-.005857
Stddev	.0002616	1.04669	.0023731	.0001120	.0078525	.0000081	.000714
%RSD	17.49290	1.184351	4.125159	.9022663	1.327451	.1498590	12.19276
#1	.0016806	87.63629	.0592064	.0124900	.5859923	.0053946	-.006362
#2	.0013106	89.11653	.0558503	.0123316	.5970974	.0053832	-.005352
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.38507	.0012280	.5197061	.0743782	.1276672	.0792728	137.3672
Stddev	.03867	.0000096	.0166413	.0006905	.0012608	.0016947	.4347
%RSD	.2224174	.7790318	3.202069	.9283440	.9875635	2.137744	.3164871
#1	17.35772	.0012348	.5079389	.0738899	.1267756	.0804711	137.0598
#2	17.41241	.0012212	.5314733	.0748664	.1285587	.0780745	137.6746
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.866861	.0682610	12.39344	5.417728	.0079658	.2982013	.0761371
Stddev	.073166	.0009117	.18540	.037548	.0000644	.0039082	.0002083
%RSD	1.503349	1.335673	1.495915	.6930519	.8085699	1.310604	.2736058
#1	4.815125	.0676163	12.26234	5.391178	.0079202	.2954378	.0762844
#2	4.918598	.0689057	12.52453	5.444279	.0080113	.3009649	.0759898
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-7-a Acquired: 11/19/2021 23:39:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1574474	.0037639	.0056814	1.429556	.0227473	.0643649	1.202092
Stddev	.0003262	.0001821	.0016827	.009260	.0024458	.0005504	.003380
%RSD	.2071600	4.837239	29.61838	.6477316	10.75198	.8550734	.2811390
#1	.1572167	.0036351	.0068712	1.423009	.0210179	.0647541	1.204482
#2	.1576780	.0038926	.0044915	1.436104	.0244768	.0639757	1.199702
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0055348	.2240198	.3674229
Stddev	.0029026	.0010330	.0023394
%RSD	52.44294	.4611171	.6367082
#1	.0075873	.2247503	.3657687
#2	.0034824	.2232894	.3690771
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1760.068	946.4285	5979.288	4461.579
Stddev	.129	.6770	55.627	7.082
%RSD	.0073035	.0715338	.9303329	.1587433
#1	1759.977	945.9498	5939.953	4466.588
#2	1760.159	946.9072	6018.622	4456.572

Sample Name: 500-208447-a-8-a Acquired: 11/19/2021 23:42:33 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004098	33.50671	.0538134	.0720662	.5925402	.0024681	-.007772
Stddev	.0004344	.34672	.0006250	.0009065	.0062833	.0001261	.000122
%RSD	106.0236	1.034791	1.161439	1.257926	1.060397	5.108437	1.573632
#1	.0001026	33.26154	.0542553	.0714252	.5880972	.0023789	-.007685
#2	.0007169	33.75188	.0533714	.0727073	.5969831	.0025572	-.007858
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	94.62455	.0030117	.2170386	.0307937	.0725757	.1834354	61.90134
Stddev	1.41781	.0001951	.0003847	.0000876	.0010220	.0007592	.88354
%RSD	1.498352	6.477058	.1772633	.2844256	1.408240	.4138870	1.427335
#1	93.62201	.0031496	.2173107	.0307318	.0718530	.1839722	61.27659
#2	95.62709	.0028738	.2167666	.0308556	.0732984	.1828985	62.52610
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.341584	.0261135	12.92737	3.938316	.0218060	.2923154	.0456737
Stddev	.004593	.0000801	.12998	.051681	.0000004	.0029859	.0008898
%RSD	.1057992	.3067077	1.005433	1.312256	.0018426	1.021476	1.948094
#1	4.338336	.0260568	12.83547	3.901772	.0218057	.2902040	.0463029
#2	4.344832	.0261701	13.01928	3.974860	.0218063	.2944267	.0450446
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-8-a Acquired: 11/19/2021 23:42:33 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1059964	.0016276	.0041132	1.420713	.0230146	.2183629	.6448064
Stddev	.0021250	.0005123	.0002169	.019587	.0003615	.0004423	.0021436
%RSD	2.004819	31.47486	5.273836	1.378675	1.570958	.2025518	.3324405
#1	.1044938	.0019898	.0042665	1.406863	.0227589	.2180502	.6432907
#2	.1074990	.0012653	.0039598	1.434563	.0232702	.2186757	.6463222
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0005885	.0875509	.9722694
Stddev	.0030647	.0006091	.0056379
%RSD	520.7291	.6956679	.5798682
#1	-.001579	.0879815	.9682828
#2	.002756	.0871202	.9762560
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1731.403	880.2557	5704.638	4298.138
Stddev	13.108	9.2211	30.409	4.058
%RSD	.7570889	1.047551	.5330594	.0944233
#1	1740.672	886.7761	5726.141	4295.268
#2	1722.134	873.7354	5683.136	4301.008

Sample Name: 500-208447-a-9-a Acquired: 11/19/2021 23:45:44 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011226**	**74.62814**	**.0613086**	**.0128891**	**.9230235**	**.0066287**	**-.004903**
Stddev	.0004644	.65721	.0022966	.0001663	.0036631	.0002997	.000429
%RSD	41.36835	.8806526	3.746027	1.290100	.3968626	4.521420	8.755720
#1	.0007942	74.16342	.0596847	.0127715	.9204333	.0064168	-.005207
#2	.0014509	75.09286	.0629326	.0130067	.9256138	.0068406	-.004599
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**22.09613**	**.0030687**	**.6119742**	**.1282258**	**.1847399**	**.0898690**	**131.0712**
Stddev	.38036	.0001063	.0013186	.0006814	.0010261	.0006851	1.9699
%RSD	1.721397	3.465225	.2154676	.5314126	.5554490	.7623593	1.502895
#1	21.82718	.0029936	.6129066	.1277439	.1854654	.0893845	129.6783
#2	22.36509	.0031439	.6110418	.1287076	.1840143	.0903534	132.4641
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.747218**	**.0569610**	**11.33347**	**14.56663**	**.0086327**	**.2848400**	**.1045735**
Stddev	.024898	.0004124	.03938	.17430	.0002808	.0005985	.0003515
%RSD	.5244830	.7240440	.3475081	1.196539	3.252834	.2101026	.3361529
#1	4.764824	.0572527	11.30562	14.44338	.0084341	.2844168	.1043249
#2	4.729612	.0566694	11.36132	14.68987	.0088313	.2852631	.1048221
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-9-a Acquired: 11/19/2021 23:45:44 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2386028	.0051045	.0057738	1.207228	.0270311	.1073285	1.100019
Stddev	.0012757	.0023972	.0007250	.024045	.0023686	.0000496	.001246
%RSD	.5346492	46.96227	12.55689	1.991727	8.762529	.0462511	.1132834
#1	.2377007	.0067996	.0062864	1.190226	.0287059	.1073636	1.100900
#2	.2395048	.0034095	.0052611	1.224230	.0253562	.1072934	1.099137
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0013452	.2223083	2.729638
Stddev	.0005605	.0003093	.001415
%RSD	41.66725	.1391278	.0518560
#1	.0017416	.2220896	2.728637
#2	.0009489	.2225270	2.730639
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1734.297	952.2476	6129.664	4607.995
Stddev	6.393	5.6765	7.308	24.365
%RSD	.3686002	.5961173	.1192171	.5287516
#1	1738.817	956.2615	6124.497	4590.766
#2	1729.776	948.2337	6134.831	4625.224

Sample Name: 500-208447-a-10-a Acquired: 11/19/2021 23:48:55 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000439**	**2.301633**	**-.001144**	**.0090333**	**.0662037**	**.0001068**	**-.012083**
Stddev	.0002227	.039923	.002146	.0001375	.0012567	.0000374	.001647
%RSD	507.3897	1.734545	187.4968	1.521704	1.898189	34.99297	13.62905
#1	.0002014	2.273404	-.002661	.0089361	.0653151	.0000804	-.010919
#2	-.000114	2.329863	.000373	.0091305	.0670923	.0001333	-.013248
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**37.43548**	**.0008594**	**.0086547**	**.0003333**	**.0102570**	**.0643927**	**3.656934**
Stddev	.40122	.0000410	.0031355	.0000643	.0002108	.0003180	.065645
%RSD	1.071777	4.770048	36.22855	19.30236	2.055295	.4938535	1.795079
#1	37.15177	.0008304	.0064376	.0003788	.0101079	.0641679	3.610516
#2	37.71919	.0008883	.0108719	.0002878	.0104061	.0646176	3.703352
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.366285**	**.0008329**	**6.427834**	**.1839840**	**.0016749**	**.5473341**	**.0044780**
Stddev	.034976	.0001541	.121373	.0016413	.0000527	.0155316	.0005281
%RSD	2.559913	18.49885	1.888241	.8920687	3.145359	2.837674	11.79374
#1	1.341553	.0007239	6.342011	.1828234	.0017122	.5363516	.0048515
#2	1.391016	.0009418	6.513658	.1851445	.0016377	.5583166	.0041046
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-10-a Acquired: 11/19/2021 23:48:55 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092770	.0005124	.0038038	.7588498	.0195878	.1766595	.0924873
Stddev	.0014285	.0000632	.0006727	.0001184	.0001303	.0004021	.0006329
%RSD	15.39854	12.33822	17.68553	.0156068	.6650124	.2276381	.6843546
#1	.0102872	.0005571	.0033281	.7589335	.0194956	.1763751	.0920398
#2	.0082669	.0004677	.0042795	.7587661	.0196799	.1769439	.0929349
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000408	.0046728	.0758346
Stddev	.001537	.0006557	.0003404
%RSD	377.1130	14.03320	.4488474
#1	.000679	.0042091	.0755940
#2	-.001495	.0051365	.0760753
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1833.805	853.9805	5561.247	4257.247
Stddev	12.426	5.6604	17.117	35.035
%RSD	.6776205	.6628217	.3077883	.8229491
#1	1842.592	857.9830	5573.350	4282.020
#2	1825.019	849.9780	5549.144	4232.473

Sample Name: 500-208447-a-11-a Acquired: 11/19/2021 23:52:10 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024251	89.14490	.0577305	.0135882	.9051543	.0069310	-.003322
Stddev	.0006501	.10037	.0031024	.0005466	.0043250	.0001684	.000074
%RSD	26.80842	.1125885	5.373875	4.022790	.4778184	2.429503	2.236790
#1	.0019654	89.21587	.0599242	.0139747	.9082125	.0068119	-.003269
#2	.0028848	89.07393	.0555368	.0132017	.9020960	.0070500	-.003375
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.90398	.0022790	.6479667	.0998108	.1216228	.0773402	128.5879
Stddev	.26239	.0000394	.0132981	.0002014	.0019535	.0007147	.8746
%RSD	1.465513	1.727403	2.052280	.2018065	1.606207	.9241125	.6801539
#1	17.71845	.0023068	.6385635	.0996684	.1230041	.0768348	127.9695
#2	18.08952	.0022511	.6573698	.0999532	.1202414	.0778455	129.2063
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.714203	.0640905	11.90744	10.74943	.0075566	.3079659	.1117788
Stddev	.093015	.0010057	.05361	.06798	.0007541	.0081716	.0002722
%RSD	1.385342	1.569167	.4502373	.6323765	9.978656	2.653423	.2434959
#1	6.779975	.0648017	11.94535	10.70137	.0080898	.3137441	.1115863
#2	6.648432	.0633794	11.86953	10.79750	.0070234	.3021877	.1119712
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-11-a Acquired: 11/19/2021 23:52:10 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1650519	.0027387	.0052249	1.202797	.0239813	.0578660	1.222611
Stddev	.0000597	.0007297	.0036650	.003613	.0022749	.0002468	.002306
%RSD	.0361865	26.64469	70.14543	.3003641	9.486334	.4264889	.1885969
#1	.1650096	.0022227	.0026333	1.205351	.0223726	.0576915	1.220981
#2	.1650941	.0032547	.0078164	1.200242	.0255899	.0580405	1.224242
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0038040	.2063715	.4736342
Stddev	.0023900	.0000366	.0011767
%RSD	62.82990	.0177333	.2484436
#1	.0021140	.2063456	.4728021
#2	.0054940	.2063973	.4744663
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1720.919	956.1757	6158.664	4635.341
Stddev	10.294	10.0781	28.750	40.754
%RSD	.5981977	1.054002	.4668153	.8791912
#1	1713.640	949.0494	6178.993	4606.524
#2	1728.199	963.3020	6138.335	4664.158

Sample Name: 500-208447-a-12-a Acquired: 11/19/2021 23:55:21 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013087	54.69945	.0283377	.0255088	.5368569	.0030721	-.007410
Stddev	.0002395	.31247	.0021379	.0003824	.0027258	.0001210	.000360
%RSD	18.30154	.5712469	7.544318	1.499042	.5077340	3.939410	4.862495
#1	.0011393	54.47850	.0268260	.0252384	.5349295	.0031577	-.007665
#2	.0014780	54.92039	.0298494	.0257792	.5387843	.0029865	-.007155
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.67196	.0018871	.2756284	.0432323	.0814686	.0906253	77.06848
Stddev	.67296	.0002341	.0084785	.0002391	.0009604	.0009894	.85840
%RSD	1.441892	12.40480	3.076058	.5531328	1.178869	1.091736	1.113809
#1	46.19611	.0017216	.2696331	.0430632	.0807894	.0913250	76.46150
#2	47.14782	.0020527	.2816235	.0434014	.0821477	.0899257	77.67546
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.36984	.0366193	8.404263	3.049242	.0060687	.5079575	.0531713
Stddev	.13540	.0005485	.036767	.047179	.0007127	.0032127	.0017510
%RSD	1.305701	1.497942	.4374818	1.547236	11.74306	.6324781	3.293113
#1	10.46558	.0370071	8.430262	3.015882	.0065727	.5102293	.0519331
#2	10.27410	.0362314	8.378265	3.082603	.0055648	.5056858	.0544094
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-12-a Acquired: 11/19/2021 23:55:21 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0916339	.0030056	.0041687	1.145268	.0236432	.1263212	.9075391
Stddev	.0008636	.0018280	.0020096	.012085	.0005502	.0005495	.0012559
%RSD	.9424331	60.81967	48.20631	1.055217	2.326947	.4349967	.1383826
#1	.0922446	.0042981	.0055897	1.136723	.0232542	.1267097	.9066511
#2	.0910233	.0017130	.0027477	1.153814	.0240322	.1259326	.9084272
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000764	.1316561	.8304155
Stddev	.000371	.0002297	.0048243
%RSD	48.60901	.1744996	.5809543
#1	-.001026	.1314937	.8270042
#2	-.000501	.1318186	.8338268
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1726.270	877.7955	5771.246	4386.037
Stddev	6.463	5.0091	57.247	29.611
%RSD	.3743954	.5706411	.9919407	.6751248
#1	1730.840	881.3374	5730.766	4365.099
#2	1721.700	874.2535	5811.726	4406.975

Sample Name: CCV Acquired: 11/19/2021 23:58:33 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5121987**	**48.46455**	**.5026788**	**.4920486**	**.5052296**	**.5188942**
Stddev	.0007852	.14986	.0034220	.0026543	.0016330	.0009481
%RSD	.1533017	.3092174	.6807463	.5394430	.3232094	.1827110
#1	.5127539	48.57052	.5050985	.4939255	.5063842	.5182238
#2	.5116435	48.35858	.5002591	.4901717	.5040749	.5195646
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5148588**	**25.25471**	**.4995892**	F **.0909523**	**.5291082**	**.5009160**
Stddev	.0021723	.30160	.0029580	.0031125	.0017764	.0059571
%RSD	.4219130	1.194251	.5920798	3.422096	.3357384	1.189252
#1	.5133228	25.04144	.5016808	.0887515	.5303644	.5051284
#2	.5163948	25.46797	.4974976	.0931532	.5278521	.4967037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5039814**	**25.18546**	**48.32270**	**3.861089**	**24.64571**	**5.042769**
Stddev	.0089832	.01351	.68354	.065864	.06191	.022432
%RSD	1.782439	.0536299	1.414538	1.705842	.2512175	.4448375
#1	.4976294	25.19501	48.80604	3.907661	24.68949	5.026907
#2	.5103335	25.17591	47.83936	3.814515	24.60193	5.058631
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/19/2021 23:58:33 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4867406	24.55005	.5256890	.5215756	.4760451	.4920063
Stddev	.0010830	.40558	.0041422	.0019716	.0023890	.0016977
%RSD	.2224992	1.652037	.7879649	.3780074	.5018406	.3450587
#1	.4875064	24.83684	.5286180	.5201814	.4777344	.4932068
#2	.4859748	24.26327	.5227600	.5229697	.4743558	.4908059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .2992739	.5272460	.4945951	.5007156	.5089869	4.932707
Stddev	.0001330	.0018178	.0048186	.0032538	.0006489	.007493
%RSD	.0444301	.3447686	.9742432	.6498197	.1274839	.1519026
#1	.2991799	.5285314	.4911879	.4984148	.5094457	4.927409
#2	.2993679	.5259606	.4980023	.5030163	.5085281	4.938006
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	.5361420
Stddev	.0035447
%RSD	.6611428
#1	.5386484
#2	.5336355
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/19/2021 23:58:33 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1740.533	879.9452	5537.716	4377.010
Stddev	2.239	.1393	74.066	45.514
%RSD	.1286311	.0158259	1.337484	1.039838
#1	1742.116	880.0436	5590.088	4344.827
#2	1738.950	879.8467	5485.343	4409.193

Sample Name: CCB Acquired: 11/20/2021 0:01:39 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000073**	**.0318348**	**-.001447**	**.0005355**	**.0000052**	**.0000177**
Stddev	.000687	.0029594	.000311	.0003010	.0000133	.0000361
%RSD	943.0180	9.296031	21.47699	56.21278	252.7949	203.5887
#1	.000413	.0339274	-.001667	.0007484	.0000146	.0000433
#2	-.000559	.0297422	-.001227	.0003227	-.000004	-.000008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005531**	**-.009253**	**-.000063**	F **-.014614**	**-.000598**	**.0012135**
Stddev	.0010791	.001481	.000162	.002986	.000015	.0000625
%RSD	195.0906	16.00364	258.2353	20.42909	2.509765	5.146483
#1	.0013162	-.008206	.000052	-.012503	-.000587	.0011693
#2	-.000210	-.010300	-.000177	-.016725	-.000609	.0012577
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011641**	**-.005979**	**-.007731**	**.0002252**	**-.012663**	**.0007889**
Stddev	.0001416	.042455	.003153	.0001893	.005570	.0006061
%RSD	12.16501	710.0749	40.78309	84.09063	43.98908	76.82838
#1	.0010640	-.035999	-.009961	.0000913	-.008724	.0003603
#2	.0012642	.024041	-.005502	.0003591	-.016602	.0012174
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/20/2021 0:01:39 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000253**	**.0025396**	**.0009269**	**-.000261**	**-.000828**	**-.001322**
Stddev	.000358	.0019257	.0003379	.000378	.000437	.000854
%RSD	141.7043	75.82676	36.46078	144.9164	52.80520	64.58484
#1	.000001	.0011779	.0011658	-.000529	-.000519	-.000719
#2	-.000506	.0039012	.0006879	.000006	-.001137	-.001926
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000720**	**.0017224**	**.0000499**	**.0001815**	**-.001020**	**.0003044**
Stddev	.0001956	.0004235	.0000061	.0002547	.001687	.0000639
%RSD	271.5883	24.58726	12.30109	140.3265	165.3592	20.98279
#1	.0002103	.0014230	.0000543	.0000014	-.002214	.0003496
#2	-.000066	.0020219	.0000456	.0003616	.000173	.0002592
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**-.000047**
Stddev	.000949
%RSD	2030.849
#1	-.000718
#2	.000624
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/20/2021 0:01:39 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1990.974	904.5706	5739.144	4395.831
Stddev	4.017	4.5163	48.874	17.921
%RSD	.2017658	.4992752	.8515829	.4076905
#1	1993.814	907.7641	5704.586	4383.158
#2	1988.133	901.3771	5773.703	4408.503

Sample Name: 500-208447-a-13-a Acquired: 11/20/2021 0:04:58 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000036**	**23.52783**	**.0182609**	**.0254929**	**.2651310**	**.0016052**	**-.010113**
Stddev	.000223	.56513	.0006352	.0000678	.0051849	.0002295	.003496
%RSD	620.4377	2.401982	3.478382	.2658011	1.955591	14.29996	34.57264
#1	.000122	23.12822	.0178117	.0254450	.2614648	.0014429	-.007641
#2	-.000194	23.92744	.0187100	.0255409	.2687973	.0017675	-.012585
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**33.59547**	**.0014683**	**.1480890**	**.0188751**	**.0573048**	**.3664020**	**44.57909**
Stddev	.87418	.0000317	.0085356	.0000671	.0014776	.0006231	.96818
%RSD	2.602076	2.157854	5.763862	.3554345	2.578406	.1700712	2.171833
#1	32.97734	.0014459	.1420534	.0188277	.0583496	.3659614	43.89448
#2	34.21361	.0014907	.1541246	.0189225	.0562600	.3668427	45.26370
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.497745**	**.0288280**	**14.01076**	**1.467288**	**.0040175**	**.1993400**	**.0431256**
Stddev	.080627	.0006798	.33888	.031947	.0000550	.0021566	.0000884
%RSD	1.792610	2.358111	2.418678	2.177277	1.368130	1.081845	.2048682
#1	4.440733	.0283473	13.77113	1.444698	.0039787	.1978151	.0430631
#2	4.554757	.0293086	14.25038	1.489878	.0040564	.2008649	.0431881
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-13-a Acquired: 11/20/2021 0:04:58 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0358501	.0015870	.0031808	1.091880	.0211692	.0513366	.4686719
Stddev	.0014126	.0002327	.0004111	.005378	.0013362	.0000266	.0006905
%RSD	3.940346	14.66317	12.92493	.4925668	6.311831	.0518964	.1473388
#1	.0348512	.0017515	.0028901	1.095683	.0221140	.0513177	.4691602
#2	.0368489	.0014224	.0034715	1.088077	.0202244	.0513554	.4681837
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.001440	.0612250	.2411308
Stddev	.003294	.0000767	.0018839
%RSD	228.7820	.1252202	.7812708
#1	-.003769	.0611708	.2397986
#2	.000889	.0612792	.2424629
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1766.681	865.4532	5669.067	4311.759
Stddev	10.659	8.0878	1.556	41.591
%RSD	.6033188	.9345127	.0274454	.9645902
#1	1759.144	859.7343	5670.167	4341.168
#2	1774.218	871.1721	5667.967	4282.350

Sample Name: 500-208447-a-14-a Acquired: 11/20/2021 0:08:10 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011236**	**72.70333**	**.0723494**	**.0162750**	**.7033353**	**.0050819**	**-.007222**
Stddev	.0007234	2.82539	.0031399	.0002341	.0238616	.0001008	.000087
%RSD	64.38096	3.886185	4.339878	1.438333	3.392640	1.984007	1.202827
#1	.0016351	70.70548	.0701292	.0164405	.6864626	.0050106	-.007284
#2	.0006121	74.70118	.0745696	.0161094	.7202081	.0051532	-.007161
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**125.3238**	**.0021516**	**.4554791**	**.0910761**	**.1857283**	**.0855148**	**105.3719**
Stddev	4.5880	.0000258	.0158938	.0000840	.0061613	.0027753	4.0606
%RSD	3.660930	1.197191	3.489464	.0922215	3.317348	3.245357	3.853624
#1	122.0796	.0021334	.4442405	.0911355	.1813717	.0835524	102.5005
#2	128.5680	.0021699	.4667177	.0910167	.1900850	.0874772	108.2432
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.633400**	**.0585021**	**22.77456**	**5.917700**	**.0099730**	**.3619906**	**.1133742**
Stddev	.144725	.0020016	.74696	.206588	.0000853	.0164621	.0009279
%RSD	3.123517	3.421370	3.279797	3.491011	.8553149	4.547662	.8184236
#1	4.531064	.0570868	22.24638	5.771621	.0099127	.3503501	.1140303
#2	4.735736	.0599174	23.30274	6.063780	.0100333	.3736311	.1127180
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-14-a Acquired: 11/20/2021 0:08:10 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1764605	.0029999	.0048241	1.452053	.0325170	.1198715	1.301090
Stddev	.0021584	.0014562	.0011564	.007304	.0015212	.0040059	.044145
%RSD	1.223169	48.54129	23.97201	.5030324	4.678224	3.341817	3.392935
#1	.1779867	.0040296	.0056418	1.446888	.0314414	.1170389	1.269875
#2	.1749343	.0019702	.0040063	1.457218	.0335927	.1227040	1.332305
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0016804	.1707689	.4181065
Stddev	.0033568	.0058433	.0012238
%RSD	199.7570	3.421777	.2926924
#1	-.000693	.1666371	.4189718
#2	.004054	.1749008	.4172412
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1650.290	889.1303	5819.643	4340.703
Stddev	2.728	4.1392	125.218	65.834
%RSD	.1653079	.4655363	2.151647	1.516671
#1	1652.219	892.0571	5908.186	4387.255
#2	1648.361	886.2034	5731.100	4294.151

Sample Name: 500-208447-a-15-a Acquired: 11/20/2021 0:11:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018128	66.64836	.0458412	.0317727	.7965412	.0048473	-.005452
Stddev	.0007629	.63159	.0029645	.0005297	.0057397	.0000298	.001655
%RSD	42.08477	.9476464	6.466817	1.667137	.7205833	.6142904	30.36194
#1	.0023523	66.20176	.0437451	.0313982	.7924826	.0048684	-.006622
#2	.0012733	67.09497	.0479374	.0321473	.8005999	.0048262	-.004281
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	54.68977	.0022819	.4181288	.0595547	.1030925	.0863490	105.8213
Stddev	.31357	.0002957	.0088492	.0000519	.0005255	.0001511	.7891
%RSD	.5733676	12.95913	2.116386	.0871910	.5097545	.1750332	.7456609
#1	54.46804	.0020728	.4118714	.0595914	.1034641	.0862422	105.2633
#2	54.91150	.0024910	.4243861	.0595180	.1027209	.0864559	106.3792
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.763566	.0561154	10.74781	6.626533	.0064648	.4166558	.0737717
Stddev	.047343	.0006921	.03644	.040697	.0004766	.0079321	.0018097
%RSD	.9938668	1.233447	.3390844	.6141480	7.371779	1.903757	2.453075
#1	4.730089	.0556260	10.72204	6.597756	.0061278	.4110470	.0724921
#2	4.797043	.0566049	10.77358	6.655310	.0068018	.4222647	.0750513
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-15-a Acquired: 11/20/2021 0:11:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1367349	.0036053	.0017396	1.105028	.0225317	.1602845	.9088995
Stddev	.0014609	.0014456	.0005564	.001328	.0012586	.0001810	.0031892
%RSD	1.068426	40.09639	31.98292	.1201733	5.585810	.1129155	.3508836
#1	.1357019	.0046275	.0021330	1.104089	.0234216	.1604125	.9111546
#2	.1377679	.0025831	.0013462	1.105967	.0216417	.1601566	.9066444
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0012388	.1671522	.4377427
Stddev	.0002270	.0004783	.0043614
%RSD	18.32360	.2861628	.9963347
#1	.0010783	.1674904	.4346587
#2	.0013993	.1668139	.4408266
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1720.356	905.5705	5887.248	4429.627
Stddev	2.264	.6727	9.463	26.228
%RSD	.1315926	.0742881	.1607342	.5920936
#1	1721.957	905.0948	5880.557	4411.081
#2	1718.756	906.0462	5893.939	4448.173

Sample Name: 500-208447-a-16-a Acquired: 11/20/2021 0:14:32 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017374**	**71.55695**	**.0440696**	**.0329251**	**.8196835**	**.0048279**	**-.007032**
Stddev	.0006189	.78413	.0011161	.0007607	.0066042	.0000905	.003176
%RSD	35.62433	1.095811	2.532571	2.310388	.8057052	1.873622	45.16124
#1	.0021751	71.00249	.0432804	.0323872	.8150136	.0047639	-.004786
#2	.0012998	72.11141	.0448588	.0334630	.8243534	.0048919	-.009277
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**55.65314**	**.0023091**	**.4507360**	**.0570252**	**.1075465**	**.0874703**	**105.0815**
Stddev	.02472	.0001048	.0045410	.0013134	.0004274	.0004602	.4829
%RSD	.0444248	4.539338	1.007462	2.303198	.3973644	.5261179	.4595210
#1	55.63566	.0022350	.4539469	.0560965	.1072443	.0871449	104.7401
#2	55.67062	.0023832	.4475250	.0579539	.1078486	.0877957	105.4230
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.173585**	**.0600453**	**10.87174**	**6.235772**	**.0068848**	**.3967335**	**.0755574**
Stddev	.070196	.0007282	.10121	.015507	.0003346	.0061405	.0023213
%RSD	1.356811	1.212720	.9309082	.2486723	4.860287	1.547765	3.072221
#1	5.123949	.0595304	10.80018	6.224807	.0071214	.3923915	.0739160
#2	5.223221	.0605602	10.94331	6.246736	.0066482	.4010755	.0771988
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-16-a Acquired: 11/20/2021 0:14:32 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1337371	.0030258	.0041279	1.246930	.0257975	.1622750	.9965747
Stddev	.0009726	.0007294	.0002291	.032081	.0000345	.0004205	.0074018
%RSD	.7272332	24.10668	5.549151	2.572834	.1337708	.2591408	.7427241
#1	.1330494	.0025100	.0042899	1.224245	.0257731	.1619777	.9913409
#2	.1344248	.0035416	.0039659	1.269615	.0258219	.1625724	1.001809
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0008509	.1724561	.4117949
Stddev	.0037488	.0014419	.0075886
%RSD	440.5750	.8360888	1.842800
#1	-.001800	.1714365	.4064290
#2	.003502	.1734757	.4171609
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1695.069	887.8456	5819.606	4380.062
Stddev	34.504	18.9307	30.022	.367
%RSD	2.035566	2.132211	.5158711	.0083705
#1	1719.468	901.2317	5798.377	4380.322
#2	1670.671	874.4595	5840.834	4379.803

Sample Name: 500-208447-a-17-a Acquired: 11/20/2021 0:17:43 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0020592**	**96.42627**	**.0740056**	**.0152554**	**.8042791**	**.0067992**	**-.001845**
Stddev	.0005231	.87968	.0002612	.0003241	.0079635	.0002817	.000519
%RSD	25.40333	.9122862	.3530039	2.124500	.9901480	4.143558	28.10966
#1	.0024290	95.80424	.0738209	.0150262	.7986480	.0066000	-.002212
#2	.0016893	97.04830	.0741904	.0154846	.8099101	.0069984	-.001478
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**28.41127**	**.0022243**	**.5847575**	**.1290743**	**.1507463**	**.0990573**	**150.4366**
Stddev	.30403	.0002102	.0035249	.0002342	.0012727	.0003753	1.7428
%RSD	1.070113	9.451761	.6027926	.1814659	.8442827	.3788874	1.158494
#1	28.19628	.0023729	.5822650	.1289087	.1516463	.0993227	149.2042
#2	28.62625	.0020756	.5872499	.1292399	.1498464	.0987919	151.6689
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.898779**	**.0775802**	**13.48948**	**9.998224**	**.0097580**	**.3386001**	**.1116414**
Stddev	.041147	.0000520	.12406	.105713	.0003217	.0018921	.0001586
%RSD	.6975457	.0670481	.9197049	1.057316	3.296600	.5587876	.1420324
#1	5.927874	.0776170	13.40176	9.923474	.0099855	.3372622	.1117535
#2	5.869684	.0775434	13.57721	10.07297	.0095306	.3399379	.1115292
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-17-a Acquired: 11/20/2021 0:17:43 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2348815	.0035136	.0016616	1.130024	.0264276	.0749831	1.196539
Stddev	.0001824	.0006377	.0000442	.007568	.0001553	.0001590	.004416
%RSD	.0776781	18.15039	2.657901	.6697438	.5875271	.2120262	.3690327
#1	.2347525	.0030627	.0016928	1.124673	.0263178	.0750955	1.199661
#2	.2350105	.0039645	.0016304	1.135376	.0265374	.0748707	1.193417
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0024150	.2388834	3.781490
Stddev	.0000377	.0003328	.021593
%RSD	1.561950	.1392980	.5710126
#1	.0024417	.2391187	3.766222
#2	.0023883	.2386481	3.796759
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1697.670	914.0746	5971.028	4487.784
Stddev	1.851	.1132	12.391	18.807
%RSD	.1090543	.0123890	.2075134	.4190667
#1	1698.979	913.9945	5962.266	4474.485
#2	1696.361	914.1547	5979.789	4501.082

Sample Name: 500-208447-a-18-a Acquired: 11/20/2021 0:20:54 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009151**	**89.65523**	**.0577699**	**.0117324**	**.5948160**	**.0058135**	**-.005418**
Stddev	.0006392	.59854	.0009212	.0005141	.0040892	.0002359	.002605
%RSD	69.85722	.6676007	1.594554	4.381682	.6874712	4.058425	48.07086
#1	.0013671	89.23200	.0571185	.0113689	.5919245	.0056467	-.007260
#2	.0004631	90.07846	.0584213	.0120959	.5977075	.0059803	-.003577
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.32975**	**.0014781**	**.5119876**	**.0681611**	**.1579849**	**.0846155**	**138.9724**
Stddev	.16930	.0001060	.0119421	.0000417	.0017024	.0014117	1.4563
%RSD	1.373136	7.170512	2.332496	.0611331	1.077559	1.668323	1.047928
#1	12.21003	.0015530	.5035433	.0681906	.1567812	.0856137	137.9426
#2	12.44946	.0014031	.5204320	.0681316	.1591887	.0836173	140.0021
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.682941**	**.0699559**	**10.79735**	**4.851646**	**.0088442**	**.2356475**	**.0834906**
Stddev	.003817	.0000493	.09627	.058571	.0004912	.0005462	.0008645
%RSD	.0671636	.0705219	.8916305	1.207248	5.554166	.2317800	1.035492
#1	5.685640	.0699210	10.72927	4.810230	.0091915	.2352612	.0841019
#2	5.680242	.0699908	10.86542	4.893063	.0084968	.2360337	.0828793
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-18-a Acquired: 11/20/2021 0:20:54 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1607595	.0050147	.0044675	1.203603	.0221651	.0577055	1.125479
Stddev	.0018286	.0003190	.0004513	.007715	.0011728	.0002146	.003815
%RSD	1.137499	6.362220	10.10263	.6410081	5.291256	.3718507	.3389343
#1	.1620525	.0047891	.0041484	1.198148	.0229944	.0578572	1.122782
#2	.1594664	.0052403	.0047867	1.209059	.0213358	.0575537	1.128177
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0033354	.2411470	.3927869
Stddev	.0001473	.0016933	.0017150
%RSD	4.417516	.7021675	.4366147
#1	.0032312	.2399497	.3915743
#2	.0034396	.2423443	.3939996
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1728.552	918.8732	5944.153	4502.779
Stddev	1.950	1.0477	48.461	28.822
%RSD	.1127900	.1140158	.8152734	.6400942
#1	1729.931	919.6140	5909.886	4482.399
#2	1727.174	918.1324	5978.421	4523.159

Sample Name: 500-208447-a-19-a Acquired: 11/20/2021 0:24:05 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000534**	**.5891082**	**-.000379**	**.3536462**	**.3130936**	**.0001787**	**-.012577**
Stddev	.000232	.0129730	.000092	.0028557	.0012441	.0000811	.000419
%RSD	43.53352	2.202142	24.25197	.8075039	.3973423	45.38007	3.334394
#1	-.000698	.5799349	-.000444	.3516269	.3122139	.0001213	-.012874
#2	-.000369	.5982815	-.000314	.3556655	.3139732	.0002360	-.012281
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**64.49968**	**.0055397**	**.0345231**	**-.000800**	**.0098941**	**.0368755**	**.7747160**
Stddev	1.83359	.0001168	.0035359	.000470	.0004247	.0004305	.0240651
%RSD	2.842791	2.108648	10.24210	58.79264	4.292201	1.167380	3.106314
#1	63.20313	.0054571	.0370234	-.001133	.0095938	.0371799	.7917326
#2	65.79622	.0056223	.0320229	-.000468	.0101944	.0365711	.7576994
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**36.28397**	**.0005975**	**5.627174**	**12.60693**	**.0029351**	**.1864931**	**.0074440**
Stddev	.46295	.0000889	.004836	.22689	.0005271	.0029089	.0017436
%RSD	1.275919	14.87528	.0859489	1.799738	17.95865	1.559808	23.42212
#1	36.61132	.0006604	5.630594	12.44650	.0025624	.1885500	.0062111
#2	35.95661	.0005347	5.623755	12.76737	.0033078	.1844362	.0086769
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-19-a Acquired: 11/20/2021 0:24:05 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043675	-.001970	.0107193	2.060178	.0247718	.0846135	.0140102
Stddev	.0010958	.002131	.0003194	.013189	.0003926	.0000044	.0000733
%RSD	25.09006	108.1584	2.980110	.6402084	1.584889	.0052192	.5235551
#1	.0035926	-.003477	.0104934	2.050851	.0244942	.0846167	.0140621
#2	.0051423	-.000463	.0109452	2.069504	.0250494	.0846104	.0139584
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.002294	.0012394	.1461457
Stddev	.001893	.0001157	.0002646
%RSD	82.50205	9.332708	.1810255
#1	-.003632	.0011576	.1463328
#2	-.000956	.0013212	.1459586
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.909	788.8121	5284.175	4097.712
Stddev	10.045	8.2549	9.384	50.317
%RSD	.5829992	1.046495	.1775870	1.227922
#1	1730.012	794.6492	5277.540	4062.133
#2	1715.806	782.9751	5290.811	4133.292

Sample Name: 500-208462-b-3-a Acquired: 11/20/2021 0:27:20 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005530	.0274787	.0004346	.1031022	.0003558	-.000024	-.008872
Stddev	.0002017	.0057458	.0012610	.0013242	.0000035	.000302	.000344
%RSD	36.46359	20.90986	290.1196	1.284363	.9942292	1254.640	3.881381
#1	.0004104	.0234159	-.000457	.1021658	.0003583	-.000238	-.008628
#2	.0006956	.0315416	.001326	.1040385	.0003533	.000190	-.009115
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0335363	.0005052	.0068466	-.000403	.0070069	.0046937	.1421667
Stddev	.0052532	.0001752	.0008447	.000245	.0008484	.0000124	.0208322
%RSD	15.66427	34.67372	12.33796	60.82265	12.10770	.2650383	14.65337
#1	.0372509	.0006290	.0062493	-.000577	.0076068	.0047025	.1274361
#2	.0298217	.0003813	.0074440	-.000230	.0064070	.0046849	.1568973
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	65.47006	.0002157	.0071078	.0025212	.0010572	3.615611	-.001352
Stddev	.32978	.0000305	.0040858	.0002288	.0000282	.013879	.000013
%RSD	.5037050	14.13708	57.48339	9.074687	2.668362	.3838611	.9393250
#1	65.23687	.0001941	.0099969	.0023594	.0010373	3.605797	-.001343
#2	65.70325	.0002372	.0042187	.0026830	.0010772	3.625425	-.001361
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208462-b-3-a Acquired: 11/20/2021 0:27:20 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001796	-.001288	.0039145	.2035331	.0203981	.0000860	.0005736
Stddev	.001172	.001573	.0026695	.0004404	.0009175	.0000021	.0001920
%RSD	65.23054	122.1542	68.19685	.2163527	4.497997	2.453703	33.47445
#1	-.000968	-.000175	.0020268	.2032217	.0210469	.0000845	.0007094
#2	-.002624	-.002400	.0058021	.2038445	.0197493	.0000875	.0004378
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.001243	.0002999	.0014610
Stddev	.000341	.0003601	.0004348
%RSD	27.40738	120.0710	29.75932
#1	-.001484	.0005545	.0011536
#2	-.001002	.0000453	.0017685
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1840.686	864.5594	5512.701	4411.034
Stddev	8.745	4.5827	1.124	36.247
%RSD	.4750832	.5300634	.0203868	.8217402
#1	1846.869	867.7998	5511.906	4436.665
#2	1834.502	861.3189	5513.496	4385.404

Sample Name: 500-208462-b-4-a Acquired: 11/20/2021 0:30:39 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012313**	**18.62522**	**.0433018**	**.0404145**	**.4848146**	**.0038891**	**.0045307**
Stddev	.0006316	.28771	.0011268	.0000808	.0051715	.0001425	.0004381
%RSD	51.29480	1.544731	2.602177	.2000356	1.066695	3.663238	9.669492
#1	.0007847	18.42178	.0440985	.0404716	.4811578	.0037883	.0048405
#2	.0016780	18.82867	.0425050	.0403573	.4884714	.0039898	.0042209
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**444.7917**	**.0022158**	**.2398986**	**.0268547**	**.2524847**	**.4838916**	**341.9907**
Stddev	13.8336	.0000496	.0000676	.0001863	.0012575	.0015402	.8900
%RSD	3.110130	2.238244	.0281878	.6938933	.4980521	.3182924	.2602426
#1	435.0099	.0021807	.2399464	.0267229	.2515955	.4828025	341.3614
#2	454.5736	.0022508	.2398508	.0269864	.2533739	.4849807	342.6201
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.026291**	**.0151109**	**223.3453**	**2.175316**	**.0488148**	**7.294532**	**.5523610**
Stddev	.063065	.0001883	1.5412	.001301	.0006555	.132224	.0017392
%RSD	1.566331	1.246056	.6900329	.0598282	1.342859	1.812643	.3148597
#1	3.981698	.0149777	222.2556	2.174396	.0483513	7.201036	.5511312
#2	4.070885	.0152440	224.4351	2.176236	.0492783	7.388029	.5535908
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208462-b-4-a Acquired: 11/20/2021 0:30:39 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1700870	.0177062	.0105556	1.973294	.0437143	.4662956	.4109016
Stddev	.0000524	.0009025	.0014134	.009425	.0001641	.0012780	.0014560
%RSD	.0308241	5.096933	13.39040	.4776243	.3754041	.2740655	.3543432
#1	.1701241	.0170680	.0095562	1.966630	.0435982	.4671992	.4119311
#2	.1700500	.0183443	.0115551	1.979959	.0438303	.4653919	.4098720
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0020808	.6962324	4.674497
Stddev	.0057211	.0027453	.011198
%RSD	274.9471	.3943111	.2395642
#1	.0061263	.6981736	4.666579
#2	-.001965	.6942911	4.682416
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1422.824	945.9236	6180.703	5067.647
Stddev	6.820	3.3757	8.734	9.598
%RSD	.4793028	.3568722	.1413170	.1894073
#1	1427.647	948.3106	6174.527	5060.859
#2	1418.002	943.5366	6186.879	5074.434

Sample Name: 500-208462-b-5-a Acquired: 11/20/2021 0:33:56 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000335**	**14.83188**	**.0192198**	**.0360310**	**.7089293**	**.0037630**	**.0016199**
Stddev	.000828	.17647	.0010693	.0008624	.0043958	.0001597	.0015326
%RSD	247.1321	1.189811	5.563472	2.393516	.6200580	4.243703	94.61244
#1	-.000920	14.70710	.0199759	.0354212	.7058210	.0036501	.0027036
#2	.000250	14.95667	.0184637	.0366408	.7120376	.0038759	.0005362
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**42.78723**	**.0004114**	**.0873430**	**.0235934**	**.9587444**	**.2369612**	**361.6980**
Stddev	.74116	.0003039	.0016035	.0010621	.0025809	.0000977	5.1610
%RSD	1.732194	73.88331	1.835893	4.501634	.2691942	.0412378	1.426871
#1	42.26315	.0006263	.0884769	.0228424	.9569194	.2368921	358.0487
#2	43.31131	.0001965	.0862091	.0243444	.9605693	.2370303	365.3474
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.954369**	**.0106248**	**17.23405**	**1.638952**	**.0730681**	**6.453784**	**.3534548**
Stddev	.003947	.0001564	.20041	.022914	.0017853	.010784	.0001436
%RSD	.2019719	1.472018	1.162894	1.398096	2.443307	.1670892	.0406243
#1	1.951578	.0107353	17.09234	1.622749	.0718057	6.446159	.3535563
#2	1.957160	.0105142	17.37577	1.655155	.0743305	6.461409	.3533532
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208462-b-5-a Acquired: 11/20/2021 0:33:56 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1164728	.0235727	.0311424	4.408770	.0322948	.2774045	.8180297
Stddev	.0016493	.0001478	.0017590	.036633	.0021434	.0006680	.0026537
%RSD	1.416028	.6269681	5.648166	.8309066	6.637026	.2407923	.3244000
#1	.1176390	.0236772	.0298986	4.382866	.0338104	.2778768	.8199062
#2	.1153065	.0234682	.0323862	4.434673	.0307792	.2769321	.8161533
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0090544	2.288133	1.807189
Stddev	.0004113	.006962	.010888
%RSD	4.542695	.3042519	.6024719
#1	.0093452	2.293055	1.799490
#2	.0087635	2.283210	1.814888
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1679.111	815.5943	5411.783	4127.934
Stddev	6.958	4.3219	8.029	14.595
%RSD	.4144068	.5299073	.1483630	.3535779
#1	1684.031	818.6503	5406.106	4117.613
#2	1674.191	812.5382	5417.461	4138.255

Sample Name: CCV Acquired: 11/20/2021 0:37:07 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5105224**	**48.97299**	**.5013680**	**.4904653**	**.5093210**	**.5210711**
Stddev	.0021513	.56547	.0011929	.0035438	.0042726	.0044246
%RSD	.4213814	1.154656	.2379213	.7225299	.8388736	.8491446
#1	.5090012	48.57314	.5005245	.4879595	.5062998	.5179424
#2	.5120436	49.37284	.5022115	.4929711	.5123421	.5241998
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5105425**	**25.35991**	**.4939954**	F **.0926823**	**.5217464**	**.4986293**
Stddev	.0000849	.06466	.0025495	.0056966	.0015444	.0027021
%RSD	.0166203	.2549598	.5161060	6.146379	.2959969	.5418966
#1	.5106025	25.31419	.4921926	.0886542	.5206544	.4967186
#2	.5104825	25.40563	.4957982	.0967104	.5228384	.5005399
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5029549**	**25.35461**	**49.10063**	**3.925657**	**24.80066**	**5.055377**
Stddev	.0010001	.12286	.33840	.055838	.19833	.032014
%RSD	.1988381	.4845753	.6891887	1.422396	.7997008	.6332718
#1	.5022477	25.26773	48.86134	3.886173	24.66042	5.032740
#2	.5036620	25.44148	49.33991	3.965140	24.94090	5.078015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/20/2021 0:37:07 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4823194	24.96059	.5192054	.5160048	.4782009	.4926774
Stddev	.0030984	.23659	.0023673	.0005428	.0052326	.0029593
%RSD	.6423919	.9478606	.4559363	.1051881	1.094227	.6006509
#1	.4801285	24.79330	.5175316	.5156211	.4745009	.4905849
#2	.4845103	25.12789	.5208793	.5163887	.4819009	.4947699
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .3195506	.5222233	.4912535	.4995379	.5063347	4.925195
Stddev	.0010627	.0015879	.0007116	.0020921	.0036970	.023237
%RSD	.3325772	.3040621	.1448510	.4188005	.7301579	.4718048
#1	.3203021	.5211006	.4907503	.4980585	.5037205	4.908764
#2	.3187991	.5233462	.4917567	.5010172	.5089489	4.941626
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	.5266318
Stddev	.0006637
%RSD	.1260363
#1	.5271012
#2	.5261625
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/20/2021 0:37:07 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.366	865.1123	5539.398	4330.975
Stddev	9.398	7.5414	6.832	9.147
%RSD	.5459755	.8717300	.1233433	.2112036
#1	1728.012	870.4449	5534.567	4337.443
#2	1714.721	859.7797	5544.229	4324.507

Sample Name: CCB Acquired: 11/20/2021 0:40:14 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000471**	**.0168012**	**.0008908**	**.0009539**	**-.000072**	**.0000522**	**.0018116**
Stddev	.000074	.0064592	.0016352	.0001848	.000072	.0002168	.0005864
%RSD	15.73690	38.44502	183.5754	19.37702	100.6939	415.2140	32.36966
#1	-.000419	.0122338	.0020470	.0010846	-.000123	.0002055	.0022263
#2	-.000523	.0213686	-.000266	.0008232	-.000021	-.000101	.0013970
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.006241**	**-.000032**	**-.001957**	**-.000239**	**.0007245**	**.0010883**	**.0766764**
Stddev	.001387	.000273	.010667	.000224	.0021184	.0003034	.0360642
%RSD	22.21902	858.6096	545.1377	93.56429	292.3878	27.88445	47.03428
#1	-.007221	-.000225	-.009499	-.000081	-.000773	.0008737	.0511752
#2	-.005260	.000161	.005586	-.000397	.002222	.0013028	.1021776
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013179**	**.0002725**	**.0066321**	**-.000361**	**.0000634**	**.0042728**	**.0002631**
Stddev	.0157837	.0000090	.0047607	.000186	.0002006	.0009864	.0004470
%RSD	1197.608	3.314385	71.78306	51.36992	316.6193	23.08491	169.8723
#1	.0124787	.0002789	.0099984	-.000493	.0002052	.0035754	-.000053
#2	-.009843	.0002662	.0032658	-.000230	-.000078	.0049703	.000579
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 11/20/2021 0:40:14 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000156	-.001815	-.000429	.0068279	.0006783	.0000406	.0000462
Stddev	.000869	.000438	.002002	.0006582	.0001832	.0000117	.0002946
%RSD	558.6022	24.12720	466.7312	9.639799	27.01091	28.95090	637.4085
#1	.000459	-.001505	.000987	.0072933	.0005488	.0000489	.0002545
#2	-.000770	-.002125	-.001845	.0063625	.0008079	.0000323	-.000162
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0018871	.0005000	-.000415
Stddev	.0003878	.0008144	.000082
%RSD	20.54997	162.8665	19.85836
#1	.0016129	-.000076	-.000356
#2	.0021613	.001076	-.000473
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1975.385	889.2818	5706.353	4428.819
Stddev	13.144	10.0395	30.450	25.096
%RSD	.6653876	1.128950	.5336140	.5666499
#1	1984.679	896.3808	5727.884	4446.565
#2	1966.091	882.1827	5684.821	4411.074

Sample Name: 500-208462-b-7-a Acquired: 11/20/2021 0:43:34 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000087**	**1.635322**	**.0006487**	**.0030043**	**.0265567**	**.0004865**	**-.006789**
Stddev	.000748	.035258	.0019863	.0001034	.0002305	.0000356	.000599
%RSD	855.0349	2.156024	306.1892	3.440223	.8679543	7.308005	8.818983
#1	-.000616	1.610391	.0020532	.0029312	.0263937	.0004614	-.007213
#2	.000441	1.660253	-.000756	.0030774	.0267197	.0005117	-.006366
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.202449**	**.0002455**	**.0056443**	**.0066814**	**.0304119**	**.0471794**	**73.82032**
Stddev	.008222	.0000396	.0038374	.0001091	.0005529	.0013776	.34315
%RSD	.3732916	16.14195	67.98727	1.632426	1.817922	2.919938	.4648506
#1	2.208262	.0002174	.0083577	.0066043	.0300209	.0481536	73.57768
#2	2.196635	.0002735	.0029308	.0067585	.0308028	.0462053	74.06297
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0352539**	**.0004649**	**.2638000**	**.3244177**	**.1061399**	**.2466559**	**.0164164**
Stddev	.0133618	.0000675	.0081175	.0003931	.0006338	.0073253	.0004593
%RSD	37.90155	14.51934	3.077138	.1211803	.5971664	2.969831	2.798054
#1	.0447021	.0005127	.2580601	.3241397	.1056917	.2414762	.0160916
#2	.0258057	.0004172	.2695400	.3246957	.1065881	.2518357	.0167412
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208462-b-7-a Acquired: 11/20/2021 0:43:34 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002740	.0052152	.1258666	.3590947	.0242945	.0340048	.0214510
Stddev	.000864	.0007487	.0002257	.0012614	.0009640	.0004605	.0000431
%RSD	31.53095	14.35540	.1792820	.3512856	3.967809	1.354213	.2009881
#1	-.002129	.0046858	.1257070	.3582027	.0236129	.0343304	.0214205
#2	-.003350	.0057446	.1260261	.3599866	.0249761	.0336792	.0214815
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0001127	.0400150	.2338404
Stddev	.0025418	.0009387	.0004991
%RSD	2255.841	2.345866	.2134398
#1	-.001685	.0406788	.2341933
#2	.001910	.0393513	.2334875
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1846.286	848.4298	5544.226	4170.094
Stddev	3.196	2.9909	80.466	9.481
%RSD	.1730950	.3525181	1.451352	.2273583
#1	1848.546	850.5446	5487.328	4163.390
#2	1844.026	846.3149	5601.124	4176.799

Sample Name: 500-208462-b-8-a Acquired: 11/20/2021 0:46:51 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000008**	**.4095816**	**.0002184**	**.0032948**	**.0443752**	**.0010481**	**-.007643**
Stddev	.000272	.0106116	.0003272	.0005238	.0004627	.0000187	.000445
%RSD	3313.815	2.590830	149.7923	15.89648	1.042655	1.789341	5.821353
#1	.000184	.4170851	.0004498	.0029245	.0440481	.0010349	-.007328
#2	-.000201	.4020781	-.000013	.0036652	.0447024	.0010614	-.007958
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.190285**	**.0003603**	**.0065149**	**.0046697**	**.2826395**	**.0243841**	**121.5839**
Stddev	.019686	.0002728	.0137902	.0001445	.0026235	.0003099	1.3116
%RSD	1.653875	75.72091	211.6716	3.093531	.9282126	1.270761	1.078767
#1	1.176365	.0001674	-.003236	.0047718	.2844946	.0241650	120.6565
#2	1.204205	.0005532	.016266	.0045676	.2807844	.0246032	122.5114
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0264785**	**.0023191**	**.1569742**	**1.431185**	**.0335153**	**.2688076**	**.0160281**
Stddev	.0123661	.0001535	.0060322	.012230	.0001114	.0020115	.0001306
%RSD	46.70227	6.617913	3.842789	.8545329	.3322731	.7482950	.8148699
#1	.0352227	.0024276	.1527088	1.422537	.0335941	.2673853	.0161204
#2	.0177344	.0022105	.1612396	1.439833	.0334366	.2702299	.0159357
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208462-b-8-a Acquired: 11/20/2021 0:46:51 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001715**	**.0080967**	**.0139119**	**.3185282**	**.0235423**	**.0243865**	**.0117825**
Stddev	.000250	.0020028	.0008721	.0036898	.0011631	.0000065	.0001967
%RSD	14.57568	24.73619	6.268883	1.158396	4.940356	.0268187	1.669673
#1	-.001891	.0095130	.0132953	.3159191	.0243647	.0243819	.0119216
#2	-.001538	.0066805	.0145286	.3211372	.0227199	.0243912	.0116434
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**.0015218**	**.0030234**	**.2366015**
Stddev	.0004662	.0001439	.0011680
%RSD	30.63792	4.757731	.4936737
#1	.0011921	.0031252	.2357756
#2	.0018515	.0029217	.2374275
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1843.824**	**860.2024**	**5590.743**	**4166.604**
Stddev	12.426	7.1794	15.040	8.410
%RSD	.6739386	.8346139	.2690205	.2018339
#1	1852.611	865.2790	5601.378	4160.657
#2	1835.038	855.1258	5580.108	4172.550

Sample Name: mb 500-629719/1-a Acquired: 11/20/2021 0:50:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000085**	**.0179233**	**-.004476**	**.0000848**	**.0002807**	**-.000040**	**-.012378**
Stddev	.000871	.0016367	.000363	.0000962	.0000015	.000085	.000468
%RSD	1027.845	9.131729	8.101177	113.4087	.5370616	211.1590	3.778765
#1	.000531	.0190807	-.004732	.0000168	.0002796	-.000100	-.012047
#2	-.000701	.0167660	-.004220	.0001528	.0002817	.000020	-.012708
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0074872**	**.0006222**	**-.002569**	**-.001079**	**.0050836**	**.0011210**	**.1611994**
Stddev	.0014696	.0001381	.004579	.000021	.0007945	.0001093	.0415765
%RSD	19.62815	22.19268	178.2297	1.940724	15.62955	9.749514	25.79197
#1	.0085263	.0005246	-.005807	-.001094	.0045217	.0011983	.1905984
#2	.0064480	.0007199	.000669	-.001064	.0056454	.0010437	.1318004
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0101548**	**-.000038**	**-.006378**	**.0007911**	**.0005978**	**.0908178**	**-.002604**
Stddev	.0037429	.000139	.017917	.0000893	.0004756	.0010814	.000359
%RSD	36.85888	362.1815	280.9098	11.28121	79.56021	1.190745	13.79633
#1	.0075081	-.000137	.006291	.0007280	.0009340	.0915825	-.002858
#2	.0128014	.000060	-.019048	.0008542	.0002615	.0900531	-.002350
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: mb 500-629719/1-a Acquired: 11/20/2021 0:50:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003175	.0024894	-.002890	.0111270	.0185130	.0000768	.0007762
Stddev	.002182	.0007610	.001256	.0003034	.0007947	.0000031	.0002585
%RSD	68.70652	30.57105	43.45489	2.726411	4.292590	4.055451	33.29607
#1	-.004718	.0030276	-.003779	.0113415	.0190749	.0000746	.0005935
#2	-.001633	.0019513	-.002002	.0109125	.0179510	.0000790	.0009590
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.002287	.0000689	.0011364
Stddev	.001631	.0002173	.0001726
%RSD	71.30742	315.6226	15.18527
#1	-.001134	.0002225	.0012584
#2	-.003441	-.000085	.0010144
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1910.626	871.4100	5763.501	4347.639
Stddev	8.581	4.7927	5.850	20.216
%RSD	.4490955	.5499907	.1015043	.4649951
#1	1916.693	874.7989	5767.637	4333.344
#2	1904.559	868.0210	5759.364	4361.934

Sample Name: 500-208192-a-6-a Acquired: 11/20/2021 0:57:04 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020311	6.345195	.0473650	.0273368	.4410917	.0005506	.0243203
Stddev	.0008699	.008808	.0016440	.0002580	.0039040	.0000308	.0010325
%RSD	42.83082	.1388158	3.470943	.9436651	.8850832	5.598736	4.245360
#1	.0014160	6.338966	.0485275	.0275192	.4383311	.0005724	.0250503
#2	.0026463	6.351423	.0462025	.0271544	.4438522	.0005288	.0235902
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.69627	.0017993	.0236811	.0027640	.0273293	.6505514	21.05338
Stddev	.42490	.0001237	.0009629	.0004604	.0003939	.0030042	.23515
%RSD	1.591624	6.872445	4.065984	16.65759	1.441118	.4617855	1.116941
#1	26.39582	.0017119	.0230003	.0024384	.0276078	.6526757	20.88710
#2	26.99673	.0018868	.0243620	.0030896	.0270508	.6484271	21.21966
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.871334	.0043675	8.738755	1.367606	.0197557	1.367463	.0151168
Stddev	.013351	.0000868	.079549	.014834	.0000212	.003690	.0002856
%RSD	.2740798	1.988500	.9102965	1.084678	.1074219	.2698504	1.889647
#1	4.880775	.0044289	8.682506	1.357117	.0197407	1.364854	.0149148
#2	4.861894	.0043061	8.795005	1.378095	.0197707	1.370072	.0153188
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208192-a-6-a Acquired: 11/20/2021 0:57:04 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0253873	.0047075	.0097272	2.321578	.0515998	.1679584	.1272013
Stddev	.0016642	.0003677	.0031807	.007236	.0002240	.0003626	.0006942
%RSD	6.555235	7.811755	32.69933	.3116863	.4341327	.2158590	.5457919
#1	.0242106	.0049675	.0074781	2.316461	.0514414	.1682147	.1267103
#2	.0265641	.0044475	.0119763	2.326694	.0517582	.1677020	.1276922
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.002139	.0107157	.9387878
Stddev	.001001	.0001055	.0031825
%RSD	46.81179	.9847769	.3390005
#1	-.002847	.0107903	.9410382
#2	-.001431	.0106411	.9365374
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1811.576	843.4017	5563.333	4218.160
Stddev	2.071	2.9416	36.644	1.053
%RSD	.1143226	.3487771	.6586628	.0249706
#1	1813.041	845.4817	5537.422	4217.415
#2	1810.112	841.3216	5589.244	4218.905

Sample Name: lcs 500-629719/2-a Acquired: 11/20/2021 0:53:48 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0445016	1.766349	.0857429	.7874534	1.898943	.0457354	.4313062
Stddev	.0006961	.022603	.0021961	.0030357	.015770	.0007066	.0006755
%RSD	1.564211	1.279662	2.561200	.3855042	.8304712	1.545033	.1566122
#1	.0449938	1.750366	.0841901	.7853069	1.887791	.0452357	.4317838
#2	.0440094	1.782332	.0872957	.7896000	1.910094	.0462350	.4308286
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.859852	.0443931	.0374443	.4658730	.1931208	.2412368	1.078396
Stddev	.253723	.0003416	.0017991	.0046662	.0017008	.0025147	.054310
%RSD	2.863737	.7694145	4.804854	1.001612	.8806795	1.042403	5.036214
#1	8.680443	.0446347	.0387165	.4691725	.1943235	.2430149	1.039993
#2	9.039261	.0441516	.0361721	.4625734	.1919182	.2394587	1.116800
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.401216	.4840219	9.003391	.4547439	.9666648	9.735482	.4714149
Stddev	.107633	.0065058	.060020	.0085790	.0025655	.139696	.0037081
%RSD	1.144889	1.344111	.6666363	1.886560	.2653936	1.434917	.7865834
#1	9.477324	.4886222	8.960951	.4486776	.9684789	9.834262	.4740369
#2	9.325108	.4794216	9.045832	.4608102	.9648507	9.636702	.4687929
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: lcs 500-629719/2-a Acquired: 11/20/2021 0:53:48 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0868357	.4648733	.0820792	2.312635	.9406448	.9329273	.9688961
Stddev	.0005724	.0016967	.0001965	.006109	.0101833	.0069925	.0041692
%RSD	.6591881	.3649744	.2393636	.2641559	1.082583	.7495207	.4302997
#1	.0864310	.4636736	.0822181	2.308315	.9478454	.9279829	.9718442
#2	.0872405	.4660730	.0819403	2.316954	.9334441	.9378717	.9659481
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0847762	.4768966	.4584565
Stddev	.0029758	.0022482	.0072803
%RSD	3.510123	.4714194	1.588000
#1	.0868804	.4784863	.4636045
#2	.0826720	.4753069	.4533086
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1818.479	858.3360	5574.013	4283.638
Stddev	2.121	5.9325	56.654	13.275
%RSD	.1166376	.6911582	1.016398	.3098928
#1	1819.979	862.5309	5533.952	4274.251
#2	1816.979	854.1411	5614.073	4293.024

Sample Name: 500-208192-a-6-aSD@5 Acquired: 11/20/2021 1:00:18 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000085**	**1.338807**	**.0089483**	**.0058126**	**.0912938**	**.0001556**	**.0050750**
Stddev	.000503	.002480	.0050318	.0000423	.0014035	.0000848	.0005492
%RSD	591.3589	.1852701	56.23160	.7277226	1.537370	54.49039	10.82093
#1	.000271	1.340561	.0053903	.0057827	.0903014	.0002155	.0054634
#2	-.000441	1.337053	.0125063	.0058425	.0922863	.0000956	.0046867
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.844667**	**.0004916**	**.0005081**	**.0002796**	**.0059354**	**.1328435**	**4.586386**
Stddev	.005882	.0000555	.0096699	.0002200	.0004372	.0045321	.076503
%RSD	.1006363	11.29678	1903.310	78.67036	7.365961	3.411577	1.668046
#1	5.848827	.0005309	.0073457	.0004352	.0062446	.1360482	4.640482
#2	5.840508	.0004523	-.006330	.0001241	.0056263	.1296389	4.532291
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9714673**	**.0006408**	**1.854512**	**.2933207**	**.0036134**	**.2697876**	**.0035108**
Stddev	.0143757	.0000453	.021578	.0021192	.0004024	.0054971	.0011655
%RSD	1.479793	7.063648	1.163527	.7224693	11.13712	2.037582	33.19777
#1	.9613021	.0006728	1.839254	.2918222	.0038980	.2659005	.0043350
#2	.9816324	.0006088	1.869770	.2948192	.0033288	.2736747	.0026867
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208192-a-6-aSD@5 Acquired: 11/20/2021 1:00:18 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047026	.0001636	.0020302	.4831102	.0113697	.0351736	.0274553
Stddev	.0013463	.0000431	.0024052	.0024144	.0004537	.0010665	.0006105
%RSD	28.62946	26.35594	118.4688	.4997547	3.990378	3.031984	2.223536
#1	.0056546	.0001332	.0003295	.4848174	.0116905	.0359277	.0278870
#2	.0037506	.0001941	.0037309	.4814029	.0110489	.0344195	.0270237
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000320	.0018504	.2041564
Stddev	.001529	.0002165	.0000850
%RSD	478.1733	11.70031	.0416395
#1	.000761	.0020035	.2042165
#2	-.001401	.0016973	.2040963
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1923.520	881.9328	5795.081	4404.436
Stddev	5.578	4.1114	129.579	13.688
%RSD	.2899645	.4661775	2.236020	.3107871
#1	1927.464	884.8400	5703.455	4414.115
#2	1919.577	879.0256	5886.707	4394.757

Sample Name: 500-208192-a-6-b du Acquired: 11/20/2021 1:03:34 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024436	6.126394	.0497745	.0265473	.4340060	.0002849	.0266264
Stddev	.0004672	.079853	.0017970	.0003745	.0038830	.0001281	.0025489
%RSD	19.11886	1.303421	3.610201	1.410695	.8946865	44.94432	9.572638
#1	.0021132	6.069930	.0510451	.0262825	.4312603	.0003754	.0248241
#2	.0027739	6.182859	.0485038	.0268121	.4367517	.0001944	.0284287
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.10663	.0018471	.0152934	.0024980	.0322106	.6279783	20.83335
Stddev	.61457	.0000217	.0020570	.0004393	.0007586	.0042709	.23052
%RSD	2.267225	1.171887	13.45058	17.58777	2.355208	.6801026	1.106506
#1	26.67206	.0018624	.0138389	.0021873	.0327470	.6309983	20.67035
#2	27.54119	.0018318	.0167480	.0028086	.0316741	.6249583	20.99635
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.843377	.0039112	8.552861	1.357802	.0193625	1.340066	.0180951
Stddev	.007189	.0003860	.069286	.025349	.0003517	.003896	.0007622
%RSD	.1484357	9.868712	.8100933	1.866915	1.816364	.2907575	4.212071
#1	4.838293	.0036383	8.503868	1.339878	.0196112	1.342821	.0186340
#2	4.848461	.0041842	8.601854	1.375726	.0191138	1.337311	.0175561
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208192-a-6-b du Acquired: 11/20/2021 1:03:34 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0264539	.0053842	.0065513	2.379890	.0464498	.1646496	.1071654
Stddev	.0007014	.0014294	.0015326	.016681	.0001463	.0007778	.0003219
%RSD	2.651219	26.54697	23.39342	.7008991	.3150141	.4724045	.3004154
#1	.0269499	.0043735	.0054676	2.368095	.0465532	.1651996	.1069377
#2	.0259580	.0063949	.0076350	2.391685	.0463463	.1640996	.1073930
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0015050	.0092689	.9197291
Stddev	.0003835	.0008156	.0099721
%RSD	25.48368	8.799574	1.084244
#1	.0012338	.0098456	.9126777
#2	.0017762	.0086922	.9267804
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1797.098	835.6542	5504.125	4168.654
Stddev	7.756	.4392	37.479	.498
%RSD	.4315673	.0525580	.6809279	.0119580
#1	1802.583	835.9648	5477.623	4169.006
#2	1791.614	835.3437	5530.627	4168.301

Sample Name: 500-208192-a-6-c ms Acquired: 11/20/2021 1:06:47 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0473970**	**9.882624**	**.1406337**	**.8245136**	**2.376547**	**.0478195**	**.4883863**
Stddev	.0013606	.092952	.0034726	.0025739	.028357	.0008444	.0007920
%RSD	2.870741	.9405616	2.469286	.3121742	1.193206	1.765727	.1621740
#1	.0464349	9.816897	.1381782	.8226936	2.356495	.0472224	.4878263
#2	.0483591	9.948351	.1430892	.8263336	2.396598	.0484165	.4889464
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**38.69703**	**.0462551**	**.0650304**	**.4768783**	**.2223374**	**.9126680**	**23.16985**
Stddev	.48666	.0001057	.0046822	.0007725	.0002145	.0060477	.28091
%RSD	1.257607	.2285115	7.199975	.1619986	.0964904	.6626423	1.212405
#1	38.35291	.0461804	.0617197	.4763321	.2221857	.9169444	22.97122
#2	39.04115	.0463299	.0683412	.4774246	.2224891	.9083916	23.36849
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.17205**	**.5033530**	**18.35597**	**1.903456**	**.9835340**	**11.25982**	**.4977665**
Stddev	.06110	.0017531	.17584	.025739	.0019662	.02589	.0003605
%RSD	.4027326	.3482849	.9579355	1.352222	.1999106	.2299433	.0724313
#1	15.12885	.5021133	18.23164	1.885256	.9821437	11.24152	.4980215
#2	15.21526	.5045926	18.48031	1.921656	.9849243	11.27813	.4975116
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208192-a-6-c ms Acquired: 11/20/2021 1:06:47 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1206169	.4529677	.0899375	3.158879	.8462088	1.105483	.9203232
Stddev	.0027800	.0044275	.0017777	.014446	.0013606	.004672	.0075861
%RSD	2.304824	.9774451	1.976564	.4572993	.1607911	.4226237	.8242856
#1	.1225827	.4498370	.0886805	3.148665	.8452467	1.102180	.9149590
#2	.1186512	.4560984	.0911945	3.169094	.8471709	1.108787	.9256874
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0901959	.4874892	1.462660
Stddev	.0023265	.0022154	.003237
%RSD	2.579373	.4544589	.2212824
#1	.0918410	.4859227	1.464949
#2	.0885509	.4890558	1.460372
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1740.961	838.8642	5456.820	4171.304
Stddev	7.701	3.7705	40.995	.226
%RSD	.4423390	.4494781	.7512644	.0054205
#1	1746.407	841.5304	5427.833	4171.144
#2	1735.516	836.1981	5485.808	4171.463

Sample Name: 500-208192-a-6-d msd Acquired: 11/20/2021 1:10:02 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0481006**	**10.20127**	**.1426783**	**.8202438**	**2.389266**	**.0473481**	**.4833350**
Stddev	.0006787	.16377	.0010383	.0106842	.039872	.0004679	.0072367
%RSD	1.410980	1.605412	.7277062	1.302562	1.668814	.9881093	1.497249
#1	.0476207	10.08547	.1434124	.8277986	2.361072	.0470172	.4884521
#2	.0485805	10.31708	.1419441	.8126889	2.417460	.0476789	.4782179
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**39.37330**	**.0464002**	**.0810087**	**.4748369**	**.2181872**	**.9430744**	**23.97916**
Stddev	.32604	.0003974	.0046898	.0063427	.0011623	.0011608	.27167
%RSD	.8280850	.8564137	5.789250	1.335768	.5326915	.1230924	1.132947
#1	39.14276	.0466812	.0776925	.4793219	.2173653	.9438952	23.78706
#2	39.60385	.0461192	.0843249	.4703519	.2190090	.9422535	24.17126
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.35268**	**.4998489**	**18.67240**	**1.936028**	**.9956988**	**11.27672**	**.4917141**
Stddev	.30193	.0111341	.38700	.020371	.0176097	.24450	.0055791
%RSD	1.966653	2.227493	2.072564	1.052217	1.768575	2.168145	1.134619
#1	15.13918	.4919759	18.39875	1.921624	1.008151	11.10383	.4956591
#2	15.56618	.5077219	18.94605	1.950433	.983247	11.44960	.4877691
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208192-a-6-d msd Acquired: 11/20/2021 1:10:02 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1164569	.4562801	.0914182	3.059669	.8775514	1.103681	.8896851
Stddev	.0015242	.0081742	.0020845	.048011	.0115566	.003992	.0073238
%RSD	1.308778	1.791489	2.280190	1.569147	1.316915	.3617024	.8231944
#1	.1153792	.4620601	.0928921	3.093618	.8857232	1.106504	.8845063
#2	.1175347	.4505001	.0899442	3.025721	.8693797	1.100859	.8948638
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0873091	.4982071	1.477494
Stddev	.0024462	.0004524	.014593
%RSD	2.801767	.0908063	.9877153
#1	.0890388	.4978872	1.487813
#2	.0855794	.4985270	1.467175
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1731.292	829.2036	5449.422	4213.189
Stddev	25.934	15.3593	6.244	6.257
%RSD	1.497981	1.852291	.1145847	.1485037
#1	1712.953	818.3429	5453.837	4217.613
#2	1749.630	840.0642	5445.006	4208.765

Sample Name: 500-208642-e-1-b Acquired: 11/20/2021 1:13:17 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0029932**	**133.6907**	**.0612715**	**.0573315**	**1.248530**	**.0078854**	**-.007244**
Stddev	.0006848	1.6123	.0032169	.0005023	.014563	.0003347	.000877
%RSD	22.87772	1.206013	5.250181	.8761173	1.166428	4.245022	12.10269
#1	.0025090	132.5506	.0635461	.0569763	1.238232	.0076487	-.006624
#2	.0034774	134.8307	.0589968	.0576867	1.258827	.0081221	-.007864
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**105.4713**	**.0024852**	**.6867791**	**.0906777**	**.1821746**	**.1572277**	**171.6572**
Stddev	1.4800	.0001415	.0171466	.0005286	.0033652	.0000848	2.0698
%RSD	1.403201	5.693488	2.496671	.5829224	1.847249	.0539528	1.205782
#1	104.4248	.0023852	.6746546	.0910515	.1797950	.1571677	170.1936
#2	106.5178	.0025853	.6989036	.0903039	.1845541	.1572877	173.1208
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**13.41265**	**.1005366**	**67.54686**	**6.657841**	**.0078705**	**2.723653**	**.2596577**
Stddev	.10504	.0005048	.71696	.079893	.0002093	.013891	.0011075
%RSD	.7831496	.5021259	1.061427	1.199987	2.659003	.5100071	.4265214
#1	13.33837	.1001796	67.03989	6.601348	.0080185	2.713831	.2604408
#2	13.48692	.1008935	68.05382	6.714334	.0077225	2.733475	.2588746
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208642-e-1-b Acquired: 11/20/2021 1:13:17 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1838447	.0035454	.0058224	1.958875	.0315545	.1360844	1.592487
Stddev	.0021870	.0016453	.0000993	.015783	.0020393	.0006770	.012558
%RSD	1.189567	46.40705	1.706035	.8057239	6.462759	.4974786	.7885702
#1	.1853911	.0023820	.0058926	1.947714	.0329965	.1356057	1.583608
#2	.1822983	.0047089	.0057522	1.970035	.0301125	.1365631	1.601367
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0044622	.3115113	.7096467
Stddev	.0008750	.0016859	.0042644
%RSD	19.60857	.5411977	.6009116
#1	.0038435	.3103192	.7126621
#2	.0050809	.3127034	.7066313
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1575.086	945.3893	6095.179	4735.807
Stddev	2.625	3.5179	29.788	7.920
%RSD	.1666264	.3721126	.4887162	.1672299
#1	1573.230	947.8768	6074.116	4730.207
#2	1576.942	942.9017	6116.242	4741.407

Sample Name: CCV Acquired: 11/20/2021 1:16:28 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5102734**	**48.09763**	**.4979166**	**.4894289**	**.5006923**	**.5160375**
Stddev	.0131640	.40191	.0027545	.0030166	.0062301	.0019099
%RSD	2.579793	.8356172	.5532009	.6163517	1.244303	.3701152
#1	.5009650	47.81344	.4998643	.4872958	.4962870	.5146870
#2	.5195817	48.38183	.4959689	.4915619	.5050977	.5173881
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5148070**	**25.19105**	**.4981075**	F **.0837828**	**.5297382**	**.4968571**
Stddev	.0057411	.14543	.0004993	.0103637	.0005677	.0133178
%RSD	1.115201	.5773086	.1002451	12.36977	.1071626	2.680409
#1	.5107474	25.29389	.4977544	.0764545	.5301396	.4874400
#2	.5188666	25.08822	.4984606	.0911111	.5293368	.5062742
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4999067**	**25.19939**	**48.19198**	**3.832503**	**24.41033**	**5.005175**
Stddev	.0014603	.04505	.69176	.074825	.18646	.001990
%RSD	.2921121	.1787827	1.435436	1.952367	.7638607	.0397649
#1	.4988741	25.23125	47.70283	3.779594	24.27848	5.003768
#2	.5009393	25.16754	48.68114	3.885412	24.54218	5.006582
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/20/2021 1:16:28 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4838198**	**24.41107**	**.5241740**	**.5218688**	**.4718981**	**.4944973**
Stddev	.0014083	.38498	.0007119	.0011159	.0031375	.0054580
%RSD	.2910737	1.577056	.1358198	.2138340	.6648665	1.103741
#1	.4828240	24.13886	.5246774	.5210797	.4696796	.4906379
#2	.4848156	24.68329	.5236706	.5226579	.4741166	.4983567
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.3027104**	**.5307534**	**.4903138**	**.4996926**	**.5080585**	**4.938673**
Stddev	.0028729	.0004322	.0053983	.0087475	.0002050	.085952
%RSD	.9490574	.0814352	1.100991	1.750582	.0403510	1.740389
#1	.3006790	.5304477	.4864967	.4935072	.5082035	4.877896
#2	.3047418	.5310590	.4941310	.5058781	.5079136	4.999451
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**.5375037**
Stddev	.0028323
%RSD	.5269412
#1	.5395065
#2	.5355010
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/20/2021 1:16:28 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1741.805	885.5656	5600.217	4411.854
Stddev	17.457	12.2613	21.847	13.949
%RSD	1.002261	1.384570	.3901106	.3161731
#1	1754.150	894.2356	5615.665	4421.717
#2	1729.461	876.8956	5584.769	4401.990

Sample Name: CCB Acquired: 11/20/2021 1:19:35 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000518**	**.0158471**	**-.000807**	**.0013515**	**.0001573**	**.0000398**	**-.000032**
Stddev	.000162	.0041931	.000743	.0004430	.0000350	.0000983	.001817
%RSD	31.29840	26.45976	92.07214	32.77528	22.24081	246.9007	5725.941
#1	-.000404	.0188120	-.000282	.0010383	.0001820	.0001093	.001253
#2	-.000633	.0128821	-.001333	.0016647	.0001325	-.000030	-.001316
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0020680**	**.0000989**	**.0015654**	**-.000040**	**.0004641**	**.0006257**	**.0661771**
Stddev	.0003366	.0003011	.0094099	.000142	.0005526	.0002247	.0059912
%RSD	16.27476	304.3457	601.1295	353.6154	119.0793	35.91586	9.053305
#1	.0023060	.0003118	.0082192	-.000141	.0008548	.0004668	.0619406
#2	.0018300	-.000114	-.005088	.000060	.0000733	.0007846	.0704135
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003634**	**.0005183**	**-.000979**	**.0008213**	**-.000442**	**.0071784**	**-.000078**
Stddev	.010117	.0000583	.002949	.0002743	.000077	.0011644	.000996
%RSD	278.3989	11.24986	301.0889	33.39471	17.44115	16.22144	1283.609
#1	-.010788	.0004771	.001106	.0006274	-.000387	.0080018	-.000782
#2	.003520	.0005596	-.003065	.0010153	-.000496	.0063550	.000626
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 11/20/2021 1:19:35 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000432	.0001218	.0009231	.0000202	.0017492	.0000578	.0002440
Stddev	.001472	.0004837	.0007261	.0013212	.0002089	.0000126	.0000552
%RSD	340.9151	397.2895	78.66045	6539.276	11.94460	21.79499	22.60870
#1	-.001473	.0004638	.0004097	-.000914	.0016014	.0000667	.0002050
#2	.000609	-.000220	.0014365	.000954	.0018969	.0000489	.0002831
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0005381	.0004232	.0003804
Stddev	.0019000	.0001841	.0004584
%RSD	353.0925	43.49623	120.4806
#1	.0018816	.0002930	.0007045
#2	-.000805	.0005533	.0000563
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1920.463	880.6148	5807.687	4439.098
Stddev	102.113	47.0248	20.305	20.873
%RSD	5.317104	5.339992	.3496291	.4702032
#1	1992.668	913.8663	5822.045	4453.858
#2	1848.258	847.3632	5793.329	4424.339

Sample Name: CCVL Acquired: 11/20/2021 1:22:55 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043757	.1961662	.0099632	.0490899	.0102918	.0040938
Stddev	.0001157	.0007593	.0022115	.0003841	.0000132	.0000973
%RSD	2.643116	.3870857	22.19687	.7825187	.1278510	2.376994
#1	.0044575	.1967032	.0083994	.0488183	.0102825	.0040250
#2	.0042939	.1956293	.0115270	.0493615	.0103011	.0041626
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501491	.1874094	.0020129	F -.005765	.0046022	.0093699
Stddev	.0001348	.0035854	.0000602	.004886	.0001301	.0005955
%RSD	.2688123	1.913120	2.991020	84.75714	2.828004	6.355190
#1	.0502445	.1848742	.0020555	-.009220	.0045101	.0097910
#2	.0500538	.1899446	.0019703	-.002310	.0046942	.0089489
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				-30.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109244	.1459069	.4738826	.0099945	.1001588	.0100454
Stddev	.0000962	.0258913	.0059334	.0001187	.0134342	.0002233
%RSD	.8809685	17.74506	1.252085	1.187384	13.41291	2.222977
#1	.0109924	.1642148	.4696871	.0099106	.1096582	.0098875
#2	.0108563	.1275990	.4780782	.0100784	.0906594	.0102033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 11/20/2021 1:22:55 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096084	.9856940	.0116633	.0043320	.0204733	.0097226
Stddev	.0000886	.0043691	.0007018	.0006811	.0007388	.0008112
%RSD	.9217119	.4432533	6.017213	15.72271	3.608647	8.343719
#1	.0096711	.9887835	.0111671	.0048136	.0209957	.0091489
#2	.0095458	.9826046	.0121596	.0038504	.0199509	.0102962
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1410851	.0423631	.0052172	.0050179	.0110595	.0052807
Stddev	.0006939	.0023232	.0000216	.0000707	.0014782	.0000249
%RSD	.4918162	5.484101	.4133251	1.409055	13.36619	.4705605
#1	.1405945	.0407203	.0052020	.0049679	.0100142	.0052983
#2	.1415758	.0440058	.0052325	.0050679	.0121047	.0052631
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.0206562
Stddev	.0001789
%RSD	.8661481
#1	.0205297
#2	.0207827
Check ?	Chk Pass
Value	
Range	

Sample Name: CCVL Acquired: 11/20/2021 1:22:55 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1959.256	894.7780	5728.831	4419.775
Stddev	3.274	5.2833	14.983	8.055
%RSD	.1671240	.5904588	.2615386	.1822409
#1	1961.571	898.5138	5739.425	4414.079
#2	1956.940	891.0421	5718.236	4425.470

Sample Name: 500-208642-e-2-b Acquired: 11/20/2021 1:26:34 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0026862**	**134.2557**	**.0562885**	**.0587652**	**1.530695**	**.0082797**	**-.003241**
Stddev	.0012560	1.7031	.0022582	.0007346	.019849	.0003041	.001446
%RSD	46.75607	1.268549	4.011858	1.250020	1.296745	3.673298	44.60918
#1	.0017981	133.0514	.0578853	.0582458	1.516660	.0080646	-.002219
#2	.0035744	135.4599	.0546917	.0592846	1.544731	.0084947	-.004263
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**132.5120**	**.0026900**	**.6780646**	**.1112494**	**.1812705**	**.1586379**	**172.8616**
Stddev	2.2423	.0002514	.0155613	.0003026	.0007771	.0004579	2.5087
%RSD	1.692185	9.347233	2.294963	.2719718	.4286801	.2886402	1.451250
#1	130.9264	.0025122	.6670611	.1110354	.1807210	.1589617	171.0877
#2	134.0975	.0028678	.6890681	.1114633	.1818200	.1583141	174.6354
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.79473**	**.1050417**	**83.51322**	**7.744825**	**.0080340**	**2.451424**	**.1942278**
Stddev	.01306	.0004632	.89308	.109848	.0009045	.002098	.0010528
%RSD	.0882787	.4409207	1.069388	1.418336	11.25779	.0855916	.5420544
#1	14.80396	.1053691	82.88172	7.667151	.0073944	2.452908	.1934833
#2	14.78549	.1047142	84.14473	7.822499	.0086735	2.449940	.1949722
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208642-e-2-b Acquired: 11/20/2021 1:26:34 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2195089	.0038993	.0062006	1.658840	.0322929	.1417918	1.445072
Stddev	.0025099	.0015580	.0038127	.008575	.0006117	.0000075	.001063
%RSD	1.143421	39.95715	61.49002	.5168992	1.894204	.0052755	.0735762
#1	.2212837	.0050010	.0088966	1.652776	.0318604	.1417865	1.445824
#2	.2177341	.0027976	.0035046	1.664903	.0327255	.1417971	1.444320
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0030834	.3041046	.6900379
Stddev	.0047659	.0017094	.0029320
%RSD	154.5649	.5621048	.4249053
#1	.0064535	.3053133	.6921112
#2	-.000287	.3028958	.6879647
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1556.088	931.5987	5987.638	4668.177
Stddev	6.567	9.4761	3.178	24.612
%RSD	.4219958	1.017185	.0530828	.5272303
#1	1560.732	938.2993	5985.391	4650.774
#2	1551.445	924.8981	5989.886	4685.581

Sample Name: 500-208642-f-3-b Acquired: 11/20/2021 1:29:46 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0030634**	**132.0463**	**.0552841**	**.0519638**	**1.167375**	**.0078693**	**-.002890**
Stddev	.0005805	2.0301	.0031743	.0001617	.015771	.0001869	.002137
%RSD	18.95028	1.537449	5.741878	.3111745	1.351001	2.375727	73.96167
#1	.0034739	130.6108	.0575287	.0520782	1.156223	.0077371	-.001378
#2	.0026529	133.4819	.0530395	.0518495	1.178527	.0080015	-.004401
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**88.11333**	**.0020721**	**.6426859**	**.0938088**	**.1706540**	**.1403834**	**163.6874**
Stddev	.39791	.0000993	.0067047	.0003243	.0000924	.0003572	1.5335
%RSD	.4515867	4.791892	1.043236	.3457242	.0541439	.2544582	.9368507
#1	87.83196	.0020019	.6474269	.0935794	.1707193	.1406360	162.6031
#2	88.39469	.0021423	.6379450	.0940381	.1705887	.1401309	164.7718
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.80675**	**.0993433**	**58.93985**	**5.685840**	**.0079667**	**2.067083**	**.1763204**
Stddev	.21332	.0019704	.61944	.043422	.0000580	.031319	.0011317
%RSD	1.665714	1.983396	1.050977	.7636844	.7282559	1.515140	.6418358
#1	12.65591	.0979501	58.50184	5.655136	.0079257	2.044937	.1755202
#2	12.95760	.1007366	59.37787	5.716544	.0080077	2.089229	.1771206
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208642-f-3-b Acquired: 11/20/2021 1:29:46 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1825647	.0028587	.0074193	1.710822	.0312138	.1238302	1.519854
Stddev	.0014713	.0016374	.0031594	.030083	.0032265	.0003188	.000116
%RSD	.8059019	57.27817	42.58438	1.758385	10.33677	.2574084	.0076544
#1	.1815243	.0017009	.0051852	1.689551	.0289323	.1240556	1.519772
#2	.1836050	.0040165	.0096533	1.732094	.0334952	.1236048	1.519937
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0070244	.2979455	.6091960
Stddev	.0014238	.0008321	.0026808
%RSD	20.26897	.2792723	.4400589
#1	.0060177	.2973572	.6110916
#2	.0080312	.2985339	.6073004
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1592.124	934.9937	6063.989	4712.150
Stddev	24.335	17.1097	32.915	6.399
%RSD	1.528444	1.829922	.5427882	.1357913
#1	1609.331	947.0921	6040.715	4716.675
#2	1574.917	922.8954	6087.264	4707.626

Sample Name: 500-208523-f-1-h Acquired: 11/20/2021 1:32:57 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013527	75.89828	.0544552	.1084569	.2792926	.0061588
Stddev	.0006729	.91483	.0019182	.0006000	.0027149	.0001866
%RSD	49.74478	1.205334	3.522605	.5532529	.9720677	3.030254
#1	.0018285	75.25140	.0558116	.1088812	.2773729	.0060269
#2	.0008769	76.54516	.0530988	.1080326	.2812124	.0062908
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005427	F 845.3841	.0015056	.4487761	.0856958	.1349503
Stddev	.000234	31.5784	.0000716	.0056304	.0000633	.0010741
%RSD	4.304411	3.735395	4.754097	1.254622	.0738104	.7958893
#1	-.005261	823.0547	.0014550	.4447948	.0857405	.1341909
#2	-.005592	867.7134	.0015562	.4527575	.0856510	.1357098
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1859499	161.6990	20.31953	.1443019	468.9088	3.861245
Stddev	.0003337	3.2043	.02183	.0008481	6.7498	.076635
%RSD	.1794328	1.981671	.1074164	.5877132	1.439470	1.984733
#1	.1857140	159.4332	20.33496	.1449016	464.1360	3.807056
#2	.1861859	163.9648	20.30409	.1437022	473.6817	3.915435
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208523-f-1-h Acquired: 11/20/2021 1:32:57 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0235555	7.006874	.2192277	.1016981	.0047426	-.000991
Stddev	.0002687	.012699	.0006141	.0019734	.0020188	.006701
%RSD	1.140863	.1812292	.2801384	1.940457	42.56696	676.4254
#1	.0237455	7.015854	.2187934	.1030936	.0061702	-.005729
#2	.0233655	6.997895	.2196619	.1003027	.0033151	.003748
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.665241	.0261174	.3268560	1.319274	.0014073	.1783634
Stddev	.009401	.0011717	.0001432	.000321	.0001907	.0014774
%RSD	.5645663	4.486432	.0438154	.0243627	13.55425	.8283065
#1	1.671889	.0252888	.3269573	1.319046	.0015421	.1773187
#2	1.658593	.0269459	.3267547	1.319501	.0012724	.1794080
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.4366764
Stddev	.0015369
%RSD	.3519519
#1	.4355897
#2	.4377632
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208523-f-1-h Acquired: 11/20/2021 1:32:57 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1307.450	810.7606	5268.848	4311.062
Stddev	3.481	4.5699	.239	8.141
%RSD	.2662809	.5636507	.0045279	.1888304
#1	1304.989	807.5293	5268.679	4316.818
#2	1309.912	813.9920	5269.017	4305.306

Sample Name: 500-208523-f-3-d Acquired: 11/20/2021 1:36:15 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009056**	**61.30188**	**.0150264**	**.0535518**	**.4247078**	**.0041489**	**-.013228**
Stddev	.0007028	.34853	.0006166	.0004367	.0011802	.0000973	.000853
%RSD	77.60038	.5685472	4.103714	.8154635	.2778866	2.345599	6.450330
#1	.0014026	61.05543	.0145904	.0532431	.4238733	.0042177	-.013832
#2	.0004087	61.54833	.0154624	.0538606	.4255424	.0040801	-.012625
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**432.3384**	**.0018281**	**.3984342**	**.0395576**	**.1116620**	**.1022555**	**73.26256**
Stddev	5.5491	.0000194	.0014553	.0003298	.0006221	.0004703	.99286
%RSD	1.283508	1.062822	.3652442	.8336179	.5571606	.4599213	1.355208
#1	428.4146	.0018418	.3994632	.0397908	.1112221	.1019230	72.56050
#2	436.2622	.0018143	.3974052	.0393244	.1121019	.1025881	73.96462
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.847612**	**.0748588**	**260.0952**	**1.101037**	**.0181342**	**4.832678**	**.1142288**
Stddev	.028713	.0001192	1.1875	.006228	.0002706	.006825	.0005483
%RSD	.3245307	.1592595	.4565467	.5656873	1.492187	.1412240	.4799746
#1	8.827309	.0749431	259.2555	1.096633	.0179429	4.837504	.1138411
#2	8.867916	.0747745	260.9348	1.105442	.0183256	4.827852	.1146165
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208523-f-3-d Acquired: 11/20/2021 1:36:15 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0546837	.0018385	.0016036	2.451454	.0260395	.2162283	1.450684
Stddev	.0006284	.0020383	.0017777	.007190	.0002752	.0000527	.005823
%RSD	1.149182	110.8644	110.8617	.2933005	1.056832	.0243855	.4014139
#1	.0551281	.0032798	.0028606	2.456538	.0262341	.2161911	1.446566
#2	.0542393	.0003972	.0003465	2.446370	.0258449	.2162656	1.454801
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0015175	.1964667	.2353343
Stddev	.0019056	.0016229	.0015822
%RSD	125.5801	.8260654	.6723156
#1	.0028650	.1953191	.2342155
#2	.0001700	.1976143	.2364530
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1438.291	846.5315	5508.451	4353.761
Stddev	10.145	7.8093	16.556	38.095
%RSD	.7053180	.9224997	.3005597	.8749933
#1	1431.118	841.0096	5496.744	4326.824
#2	1445.465	852.0535	5520.158	4380.698

Sample Name: 500-208523-f-4-d Acquired: 11/20/2021 1:39:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0020680**	**76.56272**	**.0396292**	**.1129090**	**.2772639**	**.0055289**
Stddev	.0001556	.71759	.0023724	.0018952	.0023400	.0000846
%RSD	7.524013	.9372591	5.986543	1.678472	.8439649	1.530493
#1	.0019580	76.05531	.0413067	.1115689	.2756093	.0055887
#2	.0021780	77.07013	.0379516	.1142491	.2789186	.0054691
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004523**	F **827.2582**	**.0014452**	**.4245262**	**.0698248**	**.1335222**
Stddev	.000838	24.9023	.0004306	.0006630	.0009415	.0006436
%RSD	18.53065	3.010225	29.79577	.1561695	1.348341	.4819766
#1	-.003930	809.6496	.0011408	.4249950	.0691591	.1330672
#2	-.005115	844.8668	.0017498	.4240574	.0704905	.1339773
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1510036**	**134.9117**	**22.39030**	**.1503802**	**426.9611**	**3.085341**
Stddev	.0010624	1.1151	.14894	.0017286	2.5274	.015580
%RSD	.7035687	.8265767	.6651958	1.149492	.5919535	.5049663
#1	.1517549	134.1232	22.28498	.1491579	425.1739	3.074324
#2	.1502524	135.7002	22.49562	.1516025	428.7482	3.096358
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208523-f-4-d Acquired: 11/20/2021 1:39:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0172538**	**4.045727**	**.1946228**	**.0813469**	**.0045250**	**.0024514**
Stddev	.0011087	.053334	.0033231	.0012064	.0031026	.0002321
%RSD	6.426115	1.318276	1.707446	1.482990	68.56532	9.466866
#1	.0164697	4.008014	.1922730	.0804939	.0023311	.0026155
#2	.0180378	4.083440	.1969725	.0821999	.0067188	.0022873
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.897521**	**.0255743**	**.2964325**	**1.500650**	**.0050583**	**.1761152**
Stddev	.018964	.0004341	.0017091	.004390	.0028867	.0002848
%RSD	.9993870	1.697303	.5765561	.2925076	57.06847	.1617250
#1	1.884112	.0258812	.2976410	1.503754	.0070995	.1759138
#2	1.910930	.0252674	.2952239	1.497546	.0030171	.1763166
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.3871601**
Stddev	.0027641
%RSD	.7139338
#1	.3852056
#2	.3891146
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208523-f-4-d Acquired: 11/20/2021 1:39:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1322.630	808.7594	5276.768	4321.271
Stddev	12.244	7.1215	23.539	7.971
%RSD	.9257413	.8805490	.4460896	.1844684
#1	1331.288	813.7951	5260.124	4315.634
#2	1313.972	803.7237	5293.413	4326.907

Sample Name: 500-208523-f-5-d Acquired: 11/20/2021 1:42:46 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024823	118.0026	.0779932	.1487924	.5118748	.0089720
Stddev	.0002521	.1857	.0046163	.0015384	.0002489	.0000242
%RSD	10.15569	.1573823	5.918850	1.033923	.0486196	.2691546
#1	.0026606	117.8712	.0747290	.1477046	.5116988	.0089550
#2	.0023041	118.1339	.0812574	.1498802	.5120507	.0089891
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003056	F 695.9467	.0016104	.5862262	.1357943	.1948991
Stddev	.000027	24.9470	.0002832	.0098674	.0003550	.0022459
%RSD	.8679081	3.584618	17.58471	1.683205	.2614086	1.152314
#1	-.003037	678.3065	.0018106	.5932035	.1355433	.1964871
#2	-.003074	713.5869	.0014101	.5792489	.1360453	.1933110
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2027802	208.5991	33.15877	.2393676	361.4256	5.226052
Stddev	.0004136	1.5044	.12857	.0008607	.6081	.032609
%RSD	.2039430	.7211820	.3877409	.3595686	.1682572	.6239715
#1	.2030726	207.5353	33.24969	.2399762	360.9956	5.202994
#2	.2024878	209.6629	33.06786	.2387590	361.8556	5.249110
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208523-f-5-d Acquired: 11/20/2021 1:42:46 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0374677	14.21040	.3209393	.1171991	.0056253	.0014163
Stddev	.0003025	.06518	.0025227	.0033751	.0004175	.0024688
%RSD	.8073641	.4586535	.7860420	2.879789	7.422258	174.3167
#1	.0372538	14.25648	.3191555	.1148125	.0059205	-.000329
#2	.0376816	14.16431	.3227231	.1195856	.0053300	.003162
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.602667	.0277319	.3529750	1.511921	.0049673	.2243369
Stddev	.011030	.0010184	.0009467	.001737	.0003561	.0022892
%RSD	.6882437	3.672147	.2682100	.1148620	7.169203	1.020419
#1	1.594868	.0284520	.3536444	1.510693	.0047155	.2227182
#2	1.610467	.0270118	.3523056	1.513149	.0052191	.2259556
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.5359640
Stddev	.0039803
%RSD	.7426467
#1	.5331495
#2	.5387785
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208523-f-5-d Acquired: 11/20/2021 1:42:46 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1337.550	832.8304	5411.119	4350.878
Stddev	10.562	6.1896	32.191	18.230
%RSD	.7896757	.7431951	.5948996	.4190035
#1	1345.019	837.2070	5388.357	4337.987
#2	1330.081	828.4537	5433.881	4363.769

Sample Name: 500-208523-f-6-d Acquired: 11/20/2021 1:46:04 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008283**	**79.63915**	**.0604548**	**.1038693**	**.3182213**	**.0062049**
Stddev	.0007357	.22594	.0011188	.0005786	.0003332	.0000260
%RSD	88.82599	.2836996	1.850644	.5570892	.1046979	.4191964
#1	.0003080	79.47939	.0612459	.1034601	.3184569	.0061865
#2	.0013485	79.79891	.0596636	.1042785	.3179857	.0062233
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.006947**	F **722.3239**	**.0014309**	**.4382700**	**.0831204**	**.1384612**
Stddev	.001377	11.4239	.0001054	.0141415	.0002503	.0022707
%RSD	19.82810	1.581550	7.367842	3.226659	.3011203	1.639932
#1	-.007921	730.4018	.0015054	.4282705	.0829434	.1368556
#2	-.005973	714.2460	.0013563	.4482695	.0832974	.1400668
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1560055**	**153.9864**	**23.12856**	**.1677655**	**370.2824**	**3.470144**
Stddev	.0017082	1.5688	.35996	.0025383	1.6425	.024837
%RSD	1.094951	1.018772	1.556341	1.512998	.4435792	.7157336
#1	.1572134	152.8771	23.38309	.1695603	369.1210	3.452582
#2	.1547976	155.0957	22.87403	.1659706	371.4438	3.487707
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208523-f-6-d Acquired: 11/20/2021 1:46:04 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0362477**	**1.899545**	**.2077238**	**.0791170**	**.0063399**	**-.001128**
Stddev	.0010655	.034212	.0007103	.0013348	.0005291	.001954
%RSD	2.939588	1.801043	.3419419	1.687062	8.345133	173.2191
#1	.0354943	1.923737	.2082261	.0781732	.0059658	.000254
#2	.0370012	1.875354	.2072216	.0800609	.0067140	-.002510
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.197843**	**.0286271**	**.2936235**	**1.343566**	**.0026349**	**.1771323**
Stddev	.001820	.0009382	.0001171	.002355	.0020559	.0001488
%RSD	.0828204	3.277386	.0398957	.1753074	78.02716	.0840120
#1	2.199130	.0279637	.2937063	1.345231	.0011811	.1770270
#2	2.196556	.0292905	.2935406	1.341900	.0040886	.1772375
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.4017892**
Stddev	.0007776
%RSD	.1935230
#1	.4023390
#2	.4012394
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208523-f-6-d Acquired: 11/20/2021 1:46:04 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1358.820	826.6388	5369.784	4311.680
Stddev	.207	2.3567	29.555	33.229
%RSD	.0152415	.2850944	.5504012	.7706723
#1	1358.966	828.3052	5348.886	4288.184
#2	1358.673	824.9724	5390.683	4335.176

Sample Name: 500-208523-f-8-d Acquired: 11/20/2021 1:49:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024477	104.3105	.0490280	.1341308	.3284170	.0079458
Stddev	.0004847	.6172	.0021659	.0007233	.0027535	.0004148
%RSD	19.80217	.5917222	4.417610	.5392666	.8384180	5.219965
#1	.0027904	103.8740	.0505595	.1336193	.3264700	.0076525
#2	.0021050	104.7469	.0474965	.1346422	.3303640	.0082391
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001401	F 704.5283	.0014959	.5083186	.1032804	.1667436
Stddev	.004960	17.1192	.0000828	.0063989	.0000097	.0006599
%RSD	353.9125	2.429883	5.538002	1.258843	.0094401	.3957313
#1	.002106	692.4231	.0015545	.5037939	.1032873	.1662770
#2	-.004909	716.6334	.0014374	.5128434	.1032735	.1672102
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1842362	177.9686	28.39728	.1913776	368.3369	3.817678
Stddev	.0018126	2.2359	.18236	.0011108	1.9636	.045163
%RSD	.9838256	1.256365	.6421824	.5804255	.5330926	1.182995
#1	.1855179	176.3876	28.52623	.1921631	366.9485	3.785743
#2	.1829545	179.5497	28.26833	.1905922	369.7254	3.849612
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208523-f-8-d Acquired: 11/20/2021 1:49:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215925	1.671656	.2635789	.1016172	.0031638	-.000344
Stddev	.0004687	.006812	.0038715	.0003554	.0008495	.003581
%RSD	2.170618	.4074811	1.468830	.3497924	26.84966	1042.453
#1	.0212611	1.676473	.2663165	.1018685	.0025631	-.002876
#2	.0219239	1.666840	.2608413	.1013658	.0037645	.002189
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.615785	.0286879	.2902207	1.409422	.0051474	.2103118
Stddev	.006378	.0003089	.0011419	.002757	.0004019	.0020414
%RSD	.3947258	1.076816	.3934737	.1956279	7.807139	.9706654
#1	1.611275	.0289064	.2910281	1.411371	.0054316	.2117553
#2	1.620295	.0284695	.2894132	1.407472	.0048633	.2088683
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.4718663
Stddev	.0035591
%RSD	.7542594
#1	.4743829
#2	.4693496
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208523-f-8-d Acquired: 11/20/2021 1:49:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1358.070	836.5556	5421.163	4323.284
Stddev	6.024	5.6175	32.113	16.465
%RSD	.4435612	.6715057	.5923655	.3808371
#1	1362.329	840.5278	5398.455	4311.642
#2	1353.810	832.5834	5443.870	4334.927

Sample Name: 500-208208-d-1-b Acquired: 11/20/2021 1:52:39 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001170	52.62277	.0358236	.0575980	.1987293	.0040576
Stddev	.0001382	.47236	.0059035	.0000953	.0018114	.0000077
%RSD	118.0994	.8976298	16.47941	.1654797	.9114967	.1899386
#1	.0002147	52.28876	.0316491	.0575307	.1974485	.0040522
#2	.0000193	52.95678	.0399980	.0576654	.2000102	.0040631
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006526	F 812.2598	.0026667	.2976926	.0581858	.0917495
Stddev	.000276	25.8578	.0000963	.0139730	.0004963	.0026494
%RSD	4.234027	3.183437	3.612182	4.693764	.8529442	2.887599
#1	-.006330	793.9756	.0027348	.2878122	.0578349	.0936229
#2	-.006721	830.5440	.0025985	.3075730	.0585367	.0898761
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1474562	119.2908	10.91991	.0884082	360.9943	4.553365
Stddev	.0010235	.5876	.19518	.0015143	.0119	.022131
%RSD	.6940857	.4926118	1.787382	1.712900	.0032991	.4860399
#1	.1481799	119.7064	10.78190	.0873374	361.0027	4.569014
#2	.1467325	118.8753	11.05793	.0894790	360.9859	4.537716
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208208-d-1-b Acquired: 11/20/2021 1:52:39 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160455	4.050606	.1526574	.0849097	.0032886	-.000148
Stddev	.0007896	.061082	.0002803	.0009882	.0019972	.000607
%RSD	4.921121	1.507984	.1836292	1.163785	60.73101	409.2668
#1	.0166039	4.007414	.1524591	.0842109	.0018764	-.000578
#2	.0154872	4.093798	.1528556	.0856084	.0047008	.000281
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.257457	.0278712	.3064170	1.426586	.0004859	.1493788
Stddev	.000963	.0003317	.0013077	.001778	.0007533	.0012939
%RSD	.0765437	1.189959	.4267727	.1246664	155.0395	.8662007
#1	1.258137	.0281057	.3073417	1.427843	.0010185	.1502937
#2	1.256776	.0276367	.3054923	1.425328	-.000047	.1484638
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.6367136
Stddev	.0056873
%RSD	.8932296
#1	.6326921
#2	.6407352
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208208-d-1-b Acquired: 11/20/2021 1:52:39 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1337.835	800.9271	5192.034	4246.128
Stddev	1.596	2.2410	36.533	15.555
%RSD	.1193069	.2798018	.7036330	.3663390
#1	1336.707	799.3425	5166.201	4235.129
#2	1338.964	802.5118	5217.866	4257.127

Sample Name: 500-208208-c-2-c Acquired: 11/20/2021 1:55:58 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007490**	**44.81355**	**.0287096**	**.0577285**	**.3625719**	**.0036045**
Stddev	.0003321	.55754	.0032830	.0007298	.0040697	.0001304
%RSD	44.34000	1.244123	11.43516	1.264134	1.122444	3.616725
#1	.0005141	44.41931	.0310310	.0572125	.3596942	.0035124
#2	.0009838	45.20779	.0263882	.0582445	.3654496	.0036967
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.009184**	F **947.2548**	**.0024558**	**.3203478**	**.0471076**	**.0845886**
Stddev	.001381	3.7663	.0001692	.0059239	.0009386	.0010390
%RSD	15.04105	.3976042	6.888669	1.849198	1.992495	1.228323
#1	-.008208	944.5916	.0023362	.3245366	.0464439	.0853233
#2	-.010161	949.9180	.0025754	.3161590	.0477713	.0838539
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1290522**	**109.9989**	**9.731363**	**.0804989**	**483.8299**	**4.614359**
Stddev	.0004869	2.5257	.005071	.0002609	6.5895	.088822
%RSD	.3773074	2.296073	.0521058	.3240364	1.361952	1.924914
#1	.1287079	108.2130	9.734949	.0803145	479.1704	4.551552
#2	.1293965	111.7848	9.727778	.0806834	488.4894	4.677166
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208208-c-2-c Acquired: 11/20/2021 1:55:58 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0331441	3.492552	.1347445	.0766137	.0042629	-.000772
Stddev	.0004986	.002244	.0009384	.0036887	.0018262	.000968
%RSD	1.504306	.0642461	.6964613	4.814624	42.83873	125.4127
#1	.0334966	3.490965	.1340810	.0792220	.0029716	-.000087
#2	.0327915	3.494138	.1354081	.0740055	.0055542	-.001456
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.499519	.0243255	.2862192	1.433140	.0035509	.1574980
Stddev	.007964	.0029920	.0011292	.000885	.0019099	.0002502
%RSD	.5311133	12.29995	.3945307	.0617363	53.78560	.1588451
#1	1.493888	.0222098	.2854207	1.432515	.0022004	.1573211
#2	1.505151	.0264412	.2870176	1.433766	.0049014	.1576749
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.6765666
Stddev	.0014653
%RSD	.2165842
#1	.6776028
#2	.6755305
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208208-c-2-c Acquired: 11/20/2021 1:55:58 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1294.975	785.3278	5132.773	4183.934
Stddev	2.350	.6877	34.543	3.952
%RSD	.1814367	.0875721	.6729900	.0944506
#1	1296.636	784.8415	5157.198	4181.140
#2	1293.314	785.8141	5108.347	4186.729

Sample Name: CCV Acquired: 11/20/2021 1:59:16 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5105539**	**48.62680**	**.5053534**	**.4928185**	**.5058035**	**.5179122**
Stddev	.0002045	.21044	.0051861	.0034399	.0006407	.0009133
%RSD	.0400484	.4327581	1.026224	.6980048	.1266699	.1763372
#1	.5104093	48.47800	.5016863	.4903862	.5053505	.5185580
#2	.5106985	48.77561	.5090205	.4952509	.5062566	.5172664
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5177346**	**25.28863**	**.5002326**	F **.0874987**	**.5306119**	**.5002088**
Stddev	.0032128	.07483	.0035632	.0071651	.0003330	.0027543
%RSD	.6205420	.2958860	.7123136	8.188779	.0627568	.5506382
#1	.5154628	25.34154	.4977130	.0824323	.5308474	.4982612
#2	.5200063	25.23572	.5027521	.0925652	.5303765	.5021564
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5083634**	**25.13575**	**48.88258**	**3.894479**	**24.76588**	**5.010636**
Stddev	.0004948	.04804	.03597	.017412	.07611	.000332
%RSD	.0973250	.1911205	.0735874	.4470956	.3073288	.0066194
#1	.5080135	25.10178	48.90801	3.906791	24.71205	5.010871
#2	.5087132	25.16971	48.85714	3.882167	24.81969	5.010402
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/20/2021 1:59:16 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4856435	24.85182	.5263499	.5256919	.4796507	.4958391
Stddev	.0031400	.00350	.0012290	.0021370	.0037080	.0025707
%RSD	.6465580	.0140979	.2334992	.4065045	.7730696	.5184454
#1	.4834232	24.85430	.5254808	.5241808	.4770287	.4976569
#2	.4878638	24.84934	.5272189	.5272029	.4822727	.4940214
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .3049418	.5312968	.4945295	.5021628	.5121203	4.969313
Stddev	.0012411	.0005939	.0005474	.0005813	.0047933	.014404
%RSD	.4069792	.1117871	.1106950	.1157547	.9359658	.2898641
#1	.3040643	.5308768	.4941424	.5025738	.5155096	4.979498
#2	.3058194	.5317167	.4949166	.5017518	.5087309	4.959128
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	.5358786
Stddev	.0021427
%RSD	.3998461
#1	.5373937
#2	.5343635
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/20/2021 1:59:16 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1716.730	870.0117	5529.009	4363.227
Stddev	11.769	10.0053	2.515	32.398
%RSD	.6855603	1.150015	.0454848	.7425155
#1	1725.053	877.0865	5530.787	4340.319
#2	1708.408	862.9369	5527.231	4386.136

Sample Name: CCB Acquired: 11/20/2021 2:02:24 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000333**	**.0104598**	**-.000160**	**.0009299**	**-.000042**	**-.000082**
Stddev	.000153	.0033454	.000551	.0003333	.000034	.000042
%RSD	45.86118	31.98360	343.7661	35.84167	81.74006	52.13082
#1	-.000441	.0128253	-.000550	.0011656	-.000066	-.000051
#2	-.000225	.0080942	.000229	.0006942	-.000018	-.000112
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021488**	**-.002186**	**.0000070**	F **-.010391**	**-.000505**	**-.001138**
Stddev	.0010621	.000588	.0001782	.008015	.000176	.000339
%RSD	49.42973	26.89668	2552.809	77.13680	34.84456	29.75084
#1	.0028998	-.001770	.0001330	-.004723	-.000630	-.000899
#2	.0013977	-.002601	-.000119	-.016058	-.000381	-.001378
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009011**	**.0225224**	**.0140873**	**.0001428**	**-.007661**	**.0000929**
Stddev	.0002889	.0039353	.0070763	.0000894	.024097	.0002730
%RSD	32.05795	17.47284	50.23205	62.60424	314.5269	293.8644
#1	.0011054	.0253051	.0090836	.0002060	.009378	-.000100
#2	.0006969	.0197397	.0190910	.0000796	-.024700	.000286
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/20/2021 2:02:24 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000192**	**.0037819**	**.0008374**	**-.000145**	**.0013370**	**.0004036**
Stddev	.000357	.0034031	.0013522	.000965	.0000096	.0023870
%RSD	185.4679	89.98286	161.4801	663.7743	.7211324	591.4787
#1	.000060	.0061883	-.000119	-.000828	.0013438	-.001284
#2	-.000445	.0013756	.001793	.000537	.0013302	.002091
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003441**	**.0018571**	**.0000451**	**.0002024**	**-.001590**	**.0006383**
Stddev	.0003318	.0004291	.0000086	.0000981	.000408	.0005885
%RSD	96.42002	23.10588	19.13959	48.44042	25.66589	92.20459
#1	.0001095	.0021605	.0000390	.0002718	-.001301	.0010544
#2	.0005787	.0015537	.0000512	.0001331	-.001878	.0002221
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**-.000598**
Stddev	.000033
%RSD	5.562997
#1	-.000622
#2	-.000575
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/20/2021 2:02:24 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1965.581	891.6178	5753.123	4447.189
Stddev	6.013	4.2121	80.209	5.973
%RSD	.3059228	.4724073	1.394183	.1343052
#1	1969.832	894.5962	5809.839	4442.966
#2	1961.329	888.6394	5696.407	4451.412

Sample Name: CCVL Acquired: 11/20/2021 2:05:44 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0054969**	**.1849841**	**.0094890**	**.0484654**	**.0101302**	**.0042571**	**.0509221**
Stddev	.0002022	.0064694	.0013950	.0001656	.0001069	.0000273	.0029028
%RSD	3.679047	3.497281	14.70126	.3416688	1.055384	.6412712	5.700452
#1	.0053539	.1804096	.0085025	.0485825	.0102058	.0042764	.0529747
#2	.0056399	.1895587	.0104754	.0483483	.0100546	.0042378	.0488695
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1974875**	**.0020859**	**.0056523**	**.0046330**	**.0103254**	**.0108527**	**.2247288**
Stddev	.0094985	.0000683	.0009334	.0000005	.0009001	.0001389	.0019287
%RSD	4.809661	3.273403	16.51399	.0104348	8.717246	1.279541	.8582573
#1	.1907710	.0021342	.0063123	.0046327	.0109619	.0107545	.2260926
#2	.2042039	.0020376	.0049923	.0046334	.0096890	.0109509	.2233649
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4770302**	**.0097457**	**.1049428**	**.0098176**	**.0093052**	**.9777424**	**.0114580**
Stddev	.0321147	.0002749	.0134217	.0003830	.0004805	.0074552	.0002180
%RSD	6.732218	2.820837	12.78952	3.901596	5.163960	.7624924	1.902775
#1	.4543217	.0095513	.0954522	.0095467	.0089654	.9724708	.0113038
#2	.4997387	.0099401	.1144333	.0100884	.0096450	.9830140	.0116121
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Sample Name: CCVL Acquired: 11/20/2021 2:05:44 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054500	.0191129	.0121528	.1415082	.0411786	.0051954	.0049780
Stddev	.0009042	.0008951	.0019029	.0000700	.0000058	.0000314	.0000445
%RSD	16.59072	4.683414	15.65777	.0494908	.0142050	.6042042	.8946673
#1	.0060894	.0197458	.0108073	.1414587	.0411744	.0051732	.0050095
#2	.0048106	.0184799	.0134984	.1415577	.0411827	.0052176	.0049465
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0102290	.0056120	.0202941
Stddev	.0007659	.0000944	.0002869
%RSD	7.487381	1.681994	1.413718
#1	.0096874	.0056787	.0200912
#2	.0107705	.0055452	.0204969
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1957.498	897.1655	5723.220	4444.806
Stddev	6.531	.6513	13.850	21.156
%RSD	.3336360	.0725960	.2419991	.4759609
#1	1962.116	897.6261	5733.013	4429.847
#2	1952.880	896.7050	5713.426	4459.765

Sample Name: 500-208208-d-3-b Acquired: 11/20/2021 2:09:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003254	70.14419	.0408687	.0811501	.3194825	.0052366
Stddev	.0004883	.27313	.0036439	.0009233	.0011928	.0003885
%RSD	150.0383	.3893906	8.916196	1.137728	.3733426	7.419737
#1	-.000020	69.95106	.0434454	.0804972	.3203259	.0049618
#2	.000671	70.33733	.0382921	.0818029	.3186390	.0055113
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007642	F 846.3904	.0024516	.4110480	.0683718	.1171664
Stddev	.001822	50.2229	.0002765	.0039876	.0002056	.0004093
%RSD	23.84659	5.933780	11.27811	.9701146	.3007340	.3493340
#1	-.006353	810.8775	.0022561	.4082283	.0685172	.1174558
#2	-.008930	881.9034	.0026471	.4138677	.0682264	.1168769
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1668366	138.3448	14.92102	.1542471	418.6451	4.889155
Stddev	.0013039	.9792	.05788	.0010634	.5293	.025314
%RSD	.7815569	.7077853	.3879412	.6893932	.1264198	.5177670
#1	.1677586	137.6524	14.96195	.1549990	418.2709	4.871255
#2	.1659146	139.0372	14.88009	.1534951	419.0193	4.907055
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208208-d-3-b Acquired: 11/20/2021 2:09:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150216	2.670554	.1742098	.2489330	.0055598	-.000725
Stddev	.0000337	.018172	.0013430	.0005635	.0013415	.000523
%RSD	.2243383	.6804657	.7709144	.2263587	24.12806	72.09924
#1	.0149978	2.683404	.1732601	.2493315	.0046112	-.000355
#2	.0150454	2.657705	.1751594	.2485346	.0065084	-.001094
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.583232	.1515194	.3325154	1.856631	.0066373	.2030663
Stddev	.016142	.0002817	.0016793	.001284	.0010426	.0001711
%RSD	1.019576	.1859235	.5050220	.0691344	15.70813	.0842319
#1	1.571818	.1517186	.3337028	1.857538	.0059000	.2031872
#2	1.594647	.1513202	.3313279	1.855723	.0073745	.2029453
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.7251732
Stddev	.0068034
%RSD	.9381766
#1	.7203625
#2	.7299840
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208208-d-3-b Acquired: 11/20/2021 2:09:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1297.803	800.4908	5240.543	4319.256
Stddev	4.021	2.8923	17.927	31.131
%RSD	.3098063	.3613177	.3420835	.7207455
#1	1300.646	802.5360	5227.867	4297.243
#2	1294.960	798.4457	5253.220	4341.268

Sample Name: 500-208208-c-4-b Acquired: 11/20/2021 2:12:41 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016120	42.12656	.0170624	.0830833	.1970288	.0038604
Stddev	.0011971	.67845	.0032007	.0005266	.0028947	.0001150
%RSD	74.26308	1.610510	18.75852	.6337929	1.469166	2.977749
#1	.0024584	41.64682	.0193256	.0834556	.1949819	.0039417
#2	.0007655	42.60630	.0147992	.0827109	.1990756	.0037791
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006472	F 1359.639	.0071200	.2601839	.0553902	.0741245
Stddev	.000803	62.336	.0001970	.0089097	.0001620	.0013209
%RSD	12.41391	4.584712	2.766466	3.424398	.2925352	1.782057
#1	-.007040	1403.716	.0069808	.2538838	.0555048	.0731904
#2	-.005904	1315.561	.0072593	.2664840	.0552757	.0750585
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1351725	91.06098	12.76897	.1058519	F 606.5975	5.755214
Stddev	.0004624	2.12497	.08873	.0006719	10.0240	.126036
%RSD	.3420721	2.333566	.6948887	.6347500	1.652497	2.189945
#1	.1354994	89.55840	12.70623	.1053768	599.5094	5.666093
#2	.1348455	92.56356	12.83172	.1063270	613.6855	5.844335
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					600.0000	
Low Limit					-.100000	

Sample Name: 500-208208-c-4-b Acquired: 11/20/2021 2:12:41 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0262295	2.658783	.1404705	.0701437	.0025434	.0032596
Stddev	.0007019	.012187	.0011003	.0003607	.0032674	.0009246
%RSD	2.676021	.4583753	.7833299	.5142500	128.4657	28.36660
#1	.0267258	2.650165	.1412486	.0703987	.0048538	.0039134
#2	.0257332	2.667400	.1396924	.0698886	.0002330	.0026058
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.853948	.0234708	.4576171	1.092382	.0051254	.1231946
Stddev	.004478	.0040754	.0001000	.004200	.0008598	.0001171
%RSD	.2415121	17.36388	.0218530	.3844750	16.77467	.0950822
#1	1.857114	.0205890	.4575464	1.089412	.0045175	.1231117
#2	1.850782	.0263525	.4576879	1.095351	.0057334	.1232774
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	2.247667
Stddev	.016969
%RSD	.7549639
#1	2.259666
#2	2.235668
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208208-c-4-b Acquired: 11/20/2021 2:12:41 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1208.350	744.4015	4869.793	4177.018
Stddev	10.648	4.8377	13.464	7.069
%RSD	.8812018	.6498730	.2764832	.1692242
#1	1200.821	740.9808	4860.272	4182.016
#2	1215.880	747.8223	4879.313	4172.020

Sample Name: 500-208214-e-1-f Acquired: 11/20/2021 2:15:59 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003535	18.27981	.0163789	.0276723	.1150616	.0016213	-.011046
Stddev	.0012679	.16956	.0045950	.0004963	.0013022	.0000402	.000511
%RSD	358.6737	.9276039	28.05441	1.793339	1.131740	2.476558	4.626280
#1	.0012500	18.15991	.0131297	.0280232	.1141408	.0016497	-.010685
#2	-.000543	18.39972	.0196280	.0273214	.1159824	.0015929	-.011407
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	340.7967	.0013229	.1653739	.0226457	.0519768	.0440955	48.34322
Stddev	2.7521	.0003001	.0050731	.0001181	.0006462	.0001696	.27530
%RSD	.8075404	22.68767	3.067656	.5216489	1.243255	.3845306	.5694796
#1	338.8507	.0015351	.1689611	.0225622	.0524337	.0442154	48.14855
#2	342.7427	.0011106	.1617867	.0227292	.0515198	.0439756	48.53789
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.339567	.0384700	176.1755	1.524475	.0051831	1.143933	.0473184
Stddev	.000482	.0000939	1.5164	.013721	.0001663	.003769	.0029068
%RSD	.0144187	.2441204	.8607247	.9000556	3.207440	.3294524	6.142977
#1	3.339226	.0385364	175.1032	1.514773	.0053007	1.141268	.0493738
#2	3.339907	.0384036	177.2477	1.534177	.0050656	1.146598	.0452630
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208214-e-1-f Acquired: 11/20/2021 2:15:59 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2528568	.0018851	-.000527	1.498225	.0273449	.1575127	1.145200
Stddev	.0017130	.0002793	.002102	.000440	.0008059	.0004699	.000967
%RSD	.6774554	14.81534	398.5943	.0293759	2.947230	.2983170	.0844185
#1	.2516455	.0020826	.000959	1.497914	.0267751	.1578450	1.144516
#2	.2540680	.0016876	-.002014	1.498536	.0279148	.1571804	1.145884
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0005871	.0809255	.2824795
Stddev	.0026423	.0011100	.0016932
%RSD	450.0311	1.371651	.5993980
#1	-.001281	.0801406	.2812822
#2	.002456	.0817104	.2836767
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1495.581	803.5116	5243.975	4180.126
Stddev	1.853	4.6191	20.731	11.459
%RSD	.1239133	.5748684	.3953236	.2741201
#1	1494.271	800.2454	5229.316	4172.023
#2	1496.892	806.7779	5258.634	4188.228

Sample Name: 500-208214-e-2-f Acquired: 11/20/2021 2:19:13 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002006	21.64602	.0193759	.0466324	.0813770	.0021615
Stddev	.0000159	.13720	.0028238	.0009112	.0004044	.0000062
%RSD	7.920588	.6338455	14.57394	1.954061	.4969522	.2877917
#1	.0001893	21.54900	.0213726	.0459881	.0810911	.0021659
#2	.0002118	21.74303	.0173791	.0472767	.0816630	.0021571
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011652	F 697.9250	.0015870	.2466167	.0315057	.0534089
Stddev	.001031	10.1488	.0001139	.0102666	.0007650	.0008367
%RSD	8.851659	1.454141	7.176486	4.162968	2.428262	1.566532
#1	-.010922	690.7487	.0016675	.2393571	.0309647	.0528173
#2	-.012381	705.1013	.0015065	.2538763	.0320467	.0540005
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0537768	65.73822	6.053181	.0473638	348.8598	3.227935
Stddev	.0001510	.95227	.027884	.0004250	3.6247	.057464
%RSD	.2808705	1.448581	.4606473	.8973040	1.039025	1.780204
#1	.0538836	65.06486	6.072897	.0476643	346.2967	3.187302
#2	.0536700	66.41158	6.033464	.0470633	351.4228	3.268568
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208214-e-2-f Acquired: 11/20/2021 2:19:13 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071816	2.380419	.0664180	.0364350	.0037449	-.000094
Stddev	.0003238	.017959	.0017249	.0008274	.0007459	.001929
%RSD	4.508390	.7544272	2.597101	2.270973	19.91639	2062.246
#1	.0074106	2.393117	.0676377	.0370201	.0032175	-.001457
#2	.0069527	2.367720	.0651982	.0358499	.0042723	.001270
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.492001	.0234059	.2394924	1.277650	-.003382	.0953400
Stddev	.002513	.0005632	.0006034	.002358	.000354	.0015010
%RSD	.1684008	2.406103	.2519638	.1845930	10.46895	1.574316
#1	1.490225	.0230076	.2399191	1.279318	-.003632	.0942786
#2	1.493778	.0238041	.2390657	1.275982	-.003132	.0964013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.2905498
Stddev	.0029553
%RSD	1.017133
#1	.2884601
#2	.2926395
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208214-e-2-f Acquired: 11/20/2021 2:19:13 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1372.528	788.7818	5178.698	4225.504
Stddev	3.431	.2078	15.664	8.701
%RSD	.2500132	.0263467	.3024737	.2059266
#1	1374.954	788.6349	5167.622	4219.351
#2	1370.101	788.9288	5189.774	4231.657

Sample Name: 500-208214-e-3-f Acquired: 11/20/2021 2:22:52 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000443**	**19.68193**	**.0187492**	**.0400210**	**.1013077**	**.0019717**
Stddev	.000515	.07644	.0029130	.0005359	.0004516	.0000169
%RSD	116.1954	.3883851	15.53656	1.339029	.4457551	.8576861
#1	-.000079	19.62788	.0208090	.0403999	.1009884	.0019836
#2	-.000807	19.73598	.0166894	.0396420	.1016270	.0019597
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.012424**	F **719.8943**	**.0025612**	**.2142759**	**.0281580**	**.0479644**
Stddev	.002134	25.8545	.0000526	.0021771	.0000733	.0010494
%RSD	17.17953	3.591425	2.053338	1.016027	.2602488	2.187787
#1	-.010914	701.6124	.0025240	.2158154	.0281062	.0487064
#2	-.013933	738.1761	.0025984	.2127365	.0282098	.0472224
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0467595**	**63.82939**	**4.547522**	**.0373055**	**374.4971**	**2.860958**
Stddev	.0003403	.19632	.039757	.0000408	.9990	.017576
%RSD	.7278084	.3075689	.8742603	.1094553	.2667581	.6143567
#1	.0465189	63.69057	4.519409	.0373344	373.7907	2.848530
#2	.0470001	63.96821	4.575634	.0372766	375.2035	2.873387
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208214-e-3-f Acquired: 11/20/2021 2:22:52 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047238	2.281380	.0540843	.1020580	.0036149	.0013916
Stddev	.0003155	.010331	.0000396	.0005705	.0019209	.0023440
%RSD	6.677895	.4528372	.0731486	.5589882	53.13785	168.4367
#1	.0045007	2.274075	.0541122	.1024614	.0049731	.0030491
#2	.0049469	2.288685	.0540563	.1016546	.0022566	-.000266
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.545573	.0278595	.2492304	1.350146	.0001973	.0976001
Stddev	.012300	.0029800	.0001297	.000275	.0002177	.0002237
%RSD	.7958155	10.69658	.0520502	.0203362	110.3414	.2292550
#1	1.536876	.0299667	.2491386	1.350340	.0000434	.0974418
#2	1.554271	.0257523	.2493221	1.349952	.0003513	.0977583
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.4074828
Stddev	.0044489
%RSD	1.091804
#1	.4106286
#2	.4043369
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208214-e-3-f Acquired: 11/20/2021 2:22:52 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1359.724	779.1665	5070.747	4204.557
Stddev	4.385	6.9073	36.989	18.902
%RSD	.3224841	.8864957	.7294614	.4495542
#1	1362.824	784.0507	5096.903	4191.191
#2	1356.623	774.2823	5044.592	4217.922

Sample Name: 500-208214-e-4-h Acquired: 11/20/2021 2:26:31 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000331**	**17.64341**	**.0188594**	**.0353515**	**.0630726**	**.0018046**	**-.011883**
Stddev	.000478	.07935	.0015844	.0008207	.0005983	.0002306	.000386
%RSD	144.4194	.4497664	8.401304	2.321585	.9485453	12.78001	3.252141
#1	-.000670	17.58730	.0177391	.0359318	.0626496	.0016415	-.011610
#2	.000007	17.69952	.0199798	.0347711	.0634957	.0019677	-.012157
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**569.2188**	**.0014473**	**.2135504**	**.0274745**	**.0471019**	**.0386991**	**57.22694**
Stddev	4.5954	.0000715	.0165299	.0002489	.0010625	.0002485	.13769
%RSD	.8073143	4.939202	7.740522	.9058031	2.255680	.6421185	.2406114
#1	572.4683	.0013967	.2018620	.0272985	.0463506	.0385234	57.12957
#2	565.9694	.0014978	.2252388	.0276504	.0478531	.0388748	57.32430
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.582960**	**.0373763**	**282.8640**	**2.607673**	**.0053631**	**2.121926**	**.0516507**
Stddev	.000555	.0002419	1.2355	.017165	.0002694	.003808	.0007401
%RSD	.0121053	.6472243	.4367720	.6582644	5.023926	.1794705	1.432884
#1	4.582568	.0375473	281.9904	2.595536	.0051726	2.119233	.0521741
#2	4.583353	.0372052	283.7377	2.619811	.0055536	2.124619	.0511274
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208214-e-4-h Acquired: 11/20/2021 2:26:31 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0307306	.0017012	-.000323	1.570335	.0225701	.1925437	1.253849
Stddev	.0016400	.0009642	.000068	.000499	.0002187	.0000889	.000233
%RSD	5.336661	56.67692	21.14149	.0317828	.9688214	.0461621	.0185560
#1	.0318902	.0010194	-.000371	1.569982	.0227247	.1926065	1.253684
#2	.0295709	.0023830	-.000275	1.570688	.0224154	.1924808	1.254013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.001971	.0873373	.2621151
Stddev	.000750	.0004994	.0014229
%RSD	38.06599	.5718413	.5428570
#1	-.001440	.0869841	.2631213
#2	-.002501	.0876905	.2611090
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1410.550	790.2665	5126.786	4149.928
Stddev	.264	.1650	.776	27.407
%RSD	.0187328	.0208751	.0151397	.6604202
#1	1410.737	790.1498	5127.335	4130.548
#2	1410.363	790.3831	5126.237	4169.307

Sample Name: 500-208214-e-5-f Acquired: 11/20/2021 2:30:10 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015620	43.76074	.0336636	.0813917	.2042762	.0038956
Stddev	.0006053	.24392	.0016846	.0011392	.0001501	.0001454
%RSD	38.75081	.5574025	5.004333	1.399649	.0734870	3.731076
#1	.0019899	43.58826	.0324724	.0805862	.2041700	.0039984
#2	.0011340	43.93322	.0348548	.0821973	.2043823	.0037928
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008354	F 933.4507	.0017080	.3356399	.0503754	.0850937
Stddev	.001655	51.2057	.0001519	.0120225	.0010807	.0010697
%RSD	19.81235	5.485632	8.891744	3.581962	2.145233	1.257066
#1	-.009524	897.2428	.0016006	.3441411	.0496113	.0858501
#2	-.007184	969.6585	.0018154	.3271387	.0511396	.0843373
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1241572	105.1262	12.08076	.1050467	474.8366	4.416273
Stddev	.0015121	.3071	.02596	.0000205	.8971	.012771
%RSD	1.217858	.2921393	.2149233	.0195299	.1889215	.2891793
#1	.1230880	104.9091	12.06240	.1050322	474.2023	4.407243
#2	.1252264	105.3434	12.09912	.1050612	475.4709	4.425304
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208214-e-5-f Acquired: 11/20/2021 2:30:10 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169864	2.224730	.1211084	.0688573	.0025957	.0012033
Stddev	.0004123	.000335	.0040270	.0019030	.0001450	.0016980
%RSD	2.427421	.0150658	3.325092	2.763703	5.585828	141.1184
#1	.0166948	2.224492	.1182609	.0675117	.0026982	.0024040
#2	.0172780	2.224966	.1239559	.0702030	.0024931	.0000026
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.722493	.0272497	.4093599	1.628885	.0020756	.1415329
Stddev	.023855	.0009861	.0021664	.008786	.0017216	.0011867
%RSD	1.384920	3.618675	.5292155	.5393592	82.94326	.8384832
#1	1.705625	.0265524	.4078280	1.622673	.0008583	.1406937
#2	1.739361	.0279470	.4108917	1.635097	.0032930	.1423720
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.4074009
Stddev	.0094822
%RSD	2.327482
#1	.4006960
#2	.4141058
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208214-e-5-f Acquired: 11/20/2021 2:30:10 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1289.491	780.8587	5103.947	4173.037
Stddev	17.297	6.5323	28.347	24.940
%RSD	1.341363	.8365595	.5553991	.5976448
#1	1301.721	785.4777	5123.992	4155.402
#2	1277.260	776.2396	5083.903	4190.672

Sample Name: 500-208283-a-1-a Acquired: 11/20/2021 2:33:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000575**	**1.160451**	**.0122738**	**1.171515**	**.0269824**	**.0001687**
Stddev	.000361	.008452	.0082844	.000609	.0000086	.0000266
%RSD	62.76712	.7283579	67.49683	.0519891	.0319918	15.78801
#1	-.000320	1.166428	.0064158	1.171945	.0269763	.0001499
#2	-.000831	1.154475	.0181317	1.171084	.0269885	.0001876
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.017660**	F **1419.173**	**.0040275**	**.1121345**	**.4379074**	**.0503341**
Stddev	.000125	43.656	.0000783	.0062277	.0010237	.0020663
%RSD	.7103955	3.076152	1.944083	5.553761	.2337751	4.105183
#1	-.017572	1388.304	.0040828	.1165382	.4371835	.0517952
#2	-.017749	1450.042	.0039721	.1077309	.4386312	.0488730
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.874577**	**3.257670**	**209.1220**	**.0144427**	**175.8343**	**11.10931**
Stddev	.008377	.037738	.8521	.0001205	.3434	.06879
%RSD	.4468654	1.158420	.4074783	.8339919	.1953049	.6191849
#1	1.868653	3.284354	208.5195	.0143575	175.5915	11.06067
#2	1.880500	3.230985	209.7246	.0145279	176.0772	11.15795
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208283-a-1-a Acquired: 11/20/2021 2:33:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022915	F 1423.233	.0224172	.0023530	.0045455	.1415173
Stddev	.0005206	10.337	.0007286	.0055589	.0025065	.0015429
%RSD	22.72041	.7262800	3.250297	236.2485	55.14187	1.090274
#1	.0026596	1415.923	.0219019	-.001578	.0063178	.1404263
#2	.0019233	1430.542	.0229324	.006284	.0027731	.1426084
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.378771	.0254048	1.332279	.0601675	-.002020	.0120946
Stddev	.002202	.0008071	.008605	.0008605	.000232	.0001659
%RSD	.1597341	3.176836	.6458756	1.430202	11.48342	1.372037
#1	1.380329	.0259754	1.326194	.0607759	-.001856	.0122120
#2	1.377214	.0248341	1.338364	.0595590	-.002184	.0119773
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	14.47294
Stddev	.08668
%RSD	.5989356
#1	14.41164
#2	14.53423
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208283-a-1-a Acquired: 11/20/2021 2:33:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1101.535	694.5530	4350.673	4158.261
Stddev	3.788	3.1724	10.588	4.570
%RSD	.3438713	.4567484	.2433726	.1099026
#1	1098.857	692.3098	4358.161	4161.492
#2	1104.214	696.7962	4343.186	4155.029

Sample Name: CCV Acquired: 11/20/2021 2:36:57 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5000248**	**48.49619**	**.5016829**	**.4903124**	**.5074575**	**.5184349**
Stddev	.0207623	.49266	.0035979	.0001364	.0050338	.0039622
%RSD	4.152257	1.015877	.7171734	.0278232	.9919631	.7642529
#1	.5147060	48.14782	.5042270	.4902159	.5038981	.5156332
#2	.4853436	48.84455	.4991388	.4904088	.5110169	.5212366
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5155671**	**24.97505**	**.4945753**	F **.0835551**	**.5247023**	**.4843371**
Stddev	.0000274	.08581	.0003899	.0065447	.0002787	.0157430
%RSD	.0053171	.3435924	.0788395	7.832834	.0531234	3.250427
#1	.5155477	24.91437	.4948510	.0881830	.5248994	.4954691
#2	.5155865	25.03572	.4942995	.0789273	.5245052	.4732051
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4923674**	**24.95132**	**49.33855**	**3.967335**	**24.77226**	**5.006734**
Stddev	.0219051	.24109	.50344	.036241	.23320	.031888
%RSD	4.448926	.9662541	1.020382	.9134819	.9413839	.6369023
#1	.5078567	24.78084	48.98256	3.941708	24.60736	4.984186
#2	.4768782	25.12180	49.69454	3.992961	24.93716	5.029282
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/20/2021 2:36:57 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4829034**	**25.14340**	**.5239430**	**.5197076**	**.4733476**	**.4986080**
Stddev	.0001561	.27688	.0016697	.0002652	.0018925	.0026881
%RSD	.0323335	1.101207	.3186856	.0510253	.3998155	.5391265
#1	.4827930	24.94762	.5227624	.5195201	.4746858	.5005088
#2	.4830138	25.33918	.5251237	.5198951	.4720094	.4967072
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.2999291**	**.5272981**	**.4814201**	**.4863124**	**.5091332**	**4.769443**
Stddev	.0019554	.0020741	.0205892	.0202072	.0020847	.184383
%RSD	.6519632	.3933436	4.276757	4.155194	.4094555	3.865924
#1	.3013118	.5287647	.4959788	.5006010	.5076591	4.899822
#2	.2985464	.5258315	.4668613	.4720237	.5106073	4.639065
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**.5292814**
Stddev	.0008240
%RSD	.1556902
#1	.5298641
#2	.5286987
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/20/2021 2:36:57 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1706.704	863.6065	5537.548	4277.010
Stddev	2.546	.5442	200.797	.595
%RSD	.1491736	.0630129	3.626102	.0139156
#1	1708.504	863.9913	5395.563	4276.589
#2	1704.904	863.2217	5679.533	4277.431

Sample Name: CCB Acquired: 11/20/2021 2:40:05 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000461**	**.0049913**	**-.002964**	**.0013725**	**.0000024**	**-.000057**	**-.000572**
Stddev	.000344	.0056304	.000769	.0000956	.0000237	.000070	.001213
%RSD	74.73660	112.8053	25.92899	6.966940	986.3786	124.3396	211.8293
#1	-.000217	.0010100	-.003508	.0013048	.0000192	-.000007	.000285
#2	-.000704	.0089726	-.002421	.0014401	-.000014	-.000106	-.001430
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002460**	**.0000883**	**-.000643**	**-.000083**	**-.000620**	**.0008322**	**.0401898**
Stddev	.000787	.0000542	.009508	.000022	.000310	.0000591	.0803603
%RSD	31.98927	61.42147	1479.309	26.42983	49.91203	7.100324	199.9522
#1	-.001903	.0001266	.006080	-.000098	-.000401	.0008740	-.016634
#2	-.003016	.0000500	-.007366	-.000067	-.000839	.0007904	.097013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0245227**	**.0002143**	**-.029241**	**.0001377**	**-.000048**	**.0214199**	**.0004343**
Stddev	.0065886	.0001365	.003211	.0000858	.000240	.0010453	.0006057
%RSD	26.86725	63.69584	10.98201	62.31111	499.9304	4.880210	139.4588
#1	.0291816	.0003109	-.031511	.0000770	-.000218	.0221591	.0008626
#2	.0198639	.0001178	-.026970	.0001984	.000122	.0206808	.0000060
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 11/20/2021 2:40:05 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000806	.0004384	.0000381	-.000546	.0018860	.0000450	.0001821
Stddev	.000053	.0011401	.0004522	.000377	.0005562	.0000128	.0000136
%RSD	6.556984	260.0460	1188.411	68.97946	29.49286	28.52693	7.459085
#1	-.000769	-.000368	-.000282	-.000280	.0022793	.0000359	.0001725
#2	-.000844	.001245	.000358	-.000812	.0014927	.0000540	.0001917
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0020170	.0001426	-.000003
Stddev	.0015751	.0011128	.000250
%RSD	78.09262	780.2945	7808.461
#1	.0031307	-.000644	-.000180
#2	.0009032	.000929	.000173
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1964.856	894.4977	5655.958	4340.892
Stddev	12.030	5.9625	53.606	15.897
%RSD	.6122530	.6665701	.9477745	.3662068
#1	1973.362	898.7138	5618.053	4352.133
#2	1956.349	890.2816	5693.863	4329.652

Sample Name: CCVL Acquired: 11/20/2021 2:43:26 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0044769**	**.2006409**	**.0102024**	**.0486138**	**.0101374**	**.0040782**
Stddev	.0004868	.0163863	.0013585	.0001948	.0000347	.0001771
%RSD	10.87357	8.166981	13.31499	.4006600	.3422417	4.343160
#1	.0041327	.1890541	.0092418	.0484761	.0101619	.0042035
#2	.0048211	.2122278	.0111629	.0487516	.0101129	.0039530
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0522074**	**.1846834**	**.0021175**	F **-.006848**	**.0049159**	**.0094902**
Stddev	.0017186	.0087339	.0001913	.000635	.0001697	.0004192
%RSD	3.291826	4.729127	9.034571	9.272324	3.451877	4.417574
#1	.0509922	.1785076	.0019823	-.006399	.0050359	.0097866
#2	.0534226	.1908592	.0022528	-.007297	.0047959	.0091937
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				-30.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0107474**	**.1781333**	**.5100588**	**.0101942**	**.0902940**	**.0099848**
Stddev	.0004558	.0091708	.0299229	.0001887	.0171606	.0001654
%RSD	4.240814	5.148255	5.866556	1.850748	19.00520	1.656863
#1	.0104251	.1716486	.5312175	.0103276	.1024283	.0101017
#2	.0110697	.1846180	.4889002	.0100608	.0781596	.0098678
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 11/20/2021 2:43:26 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092641	1.010456	.0101183	.0055697	.0196397	F .0132503
Stddev	.0002851	.015114	.0002004	.0012134	.0008482	.0010394
%RSD	3.077600	1.495795	1.980429	21.78509	4.318784	7.844588
#1	.0094657	1.021144	.0099766	.0064277	.0202394	.0125153
#2	.0090625	.999769	.0102600	.0047117	.0190399	.0139853
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value						.0100000
Range						30.00000%

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1425060	.0417471	.0052107	.0050177	.0110743	.0053814
Stddev	.0005418	.0011483	.0000221	.0000864	.0004760	.0006396
%RSD	.3802272	2.750560	.4246908	1.722272	4.298139	11.88457
#1	.1421229	.0409351	.0051951	.0049566	.0114108	.0049292
#2	.1428891	.0425590	.0052264	.0050788	.0107377	.0058337
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.0201244
Stddev	.0000678
%RSD	.3369472
#1	.0200765
#2	.0201723
Check ?	Chk Pass
Value	
Range	

Sample Name: CCVL Acquired: 11/20/2021 2:43:26 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1949.580	895.6506	5725.493	4410.475
Stddev	8.181	3.2051	44.863	21.689
%RSD	.4196088	.3578531	.7835681	.4917671
#1	1955.365	897.9170	5757.216	4395.138
#2	1943.796	893.3842	5693.770	4425.811

Sample Name: Si Acquired: 11/20/2021 2:46:45 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000132**	**.0161455**	**-.003854**	**.0009669**	**-.000024**	**-.000058**	**-.011308**
Stddev	.000235	.0016308	.002664	.0001223	.000076	.000045	.000617
%RSD	178.1603	10.10035	69.12736	12.64642	310.4108	78.45787	5.455336
#1	-.000299	.0149924	-.001970	.0010534	-.000078	-.000090	-.010872
#2	.000034	.0172986	-.005738	.0008805	.000029	-.000026	-.011745
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.010472**	**-.000594**	**.0067401**	**-.000907**	**.0001420**	**.0005586**	**-.006409**
Stddev	.004623	.000126	.0102994	.000105	.0004216	.0003330	.038701
%RSD	44.14550	21.25278	152.8087	11.55613	296.9656	59.62267	603.8809
#1	-.013740	-.000505	.0140229	-.000981	-.000156	.0007941	.020957
#2	-.007203	-.000683	-.000543	-.000833	.000440	.0003231	-.033775
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.006276**	**-.000044**	**-.006964**	**-.000203**	**-.000922**	**.0099617**	**.0069277**
Stddev	.008885	.000221	.009357	.000057	.000195	.0008001	.0000399
%RSD	141.5694	504.7933	134.3751	27.97146	21.16832	8.031827	.5758297
#1	.000007	-.000200	-.013580	-.000163	-.001060	.0105274	.0068995
#2	-.012559	.000112	-.000347	-.000243	-.000784	.0093959	.0069560
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: Si Acquired: 11/20/2021 2:46:45 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005510	.0040549	.0011372	61.53107	.0022895	.0000398	.0011983
Stddev	.0012270	.0007032	.0016914	.33183	.0004138	.0000021	.0000206
%RSD	222.6780	17.34319	148.7351	.5392909	18.07506	5.226454	1.719335
#1	-.000317	.0035576	.0023332	61.76571	.0025821	.0000413	.0011837
#2	.001419	.0045521	-.000059	61.29643	.0019969	.0000384	.0012128
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0020406	.0005366	-.000404
Stddev	.0000305	.0006404	.000234
%RSD	1.492340	119.3297	57.82268
#1	.0020191	.0000838	-.000569
#2	.0020622	.0009894	-.000239
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1900.437	887.9120	5725.730	4377.094
Stddev	9.721	7.6412	78.806	20.554
%RSD	.5115217	.8605851	1.376355	.4695907
#1	1893.563	882.5088	5670.005	4391.628
#2	1907.311	893.3152	5781.454	4362.560

Sample Name: AI Acquired: 11/20/2021 2:50:05 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015831	F 682.1915	-.000938	-.000021	.0005662	-.000049
Stddev	.0001147	2.4601	.000686	.000170	.0000261	.000102
%RSD	7.245704	.3606218	73.21802	819.3080	4.612534	209.4000
#1	.0016642	680.4519	-.000452	.000099	.0005477	.000024
#2	.0015019	683.9311	-.001423	-.000141	.0005846	-.000121
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004017	.0142028	.0007699	.1104398	-.000722	.0003088
Stddev	.0020135	.0004597	.0001476	.0096890	.000202	.0009650
%RSD	501.2210	3.236689	19.17506	8.773080	28.00211	312.5283
#1	-.001022	.0145278	.0006655	.1172910	-.000579	-.000374
#2	.001825	.0138777	.0008743	.1035887	-.000864	.000991
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020388	.0392506	.0010643	.0001323	-.005234	.0008525
Stddev	.0006514	.0948423	.0006290	.0002015	.009622	.0007443
%RSD	31.94775	241.6327	59.10131	152.2930	183.8336	87.30953
#1	.0015783	.1063142	.0015091	-.000010	-.012038	.0003262
#2	.0024994	-.027813	.0006195	.000275	.001570	.0013788
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: AI Acquired: 11/20/2021 2:50:05 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013179	.0782039	-.004938	.0028202	-.015429	.0048593
Stddev	.0002924	.0000592	.000215	.0004222	.001302	.0024861
%RSD	22.18470	.0757133	4.355748	14.96946	8.437985	51.16121
#1	.0015246	.0781620	-.005090	.0031187	-.014509	.0031014
#2	.0011112	.0782458	-.004786	.0025217	-.016350	.0066172
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071622	.0093638	-.001292	.0002357	-.001211	-.000207
Stddev	.0018370	.0009388	.000002	.0000729	.004656	.000441
%RSD	25.64886	10.02554	.1401467	30.91033	384.5231	213.0476
#1	.0084611	.0100276	-.001294	.0001842	-.004503	.000105
#2	.0058632	.0087000	-.001291	.0002872	.002082	-.000518
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	-.000287
Stddev	.000140
%RSD	48.64655
#1	-.000188
#2	-.000386
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: AI Acquired: 11/20/2021 2:50:05 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1634.007	847.5859	5246.374	3589.855
Stddev	3.781	.6320	28.478	21.865
%RSD	.2314209	.0745676	.5428076	.6090648
#1	1636.681	847.1390	5266.511	3574.394
#2	1631.333	848.0328	5226.237	3605.315

Sample Name: Fe Acquired: 11/20/2021 2:53:25 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001336**	**-.006180**	**.0044868**	**-.006683**	**-.000064**	**.0038432**	**.0250504**
Stddev	.000692	.001132	.0018368	.000015	.000076	.0003700	.0000545
%RSD	51.80187	18.32465	40.93880	.2238681	118.2060	9.628336	.2173582
#1	-.001825	-.005379	.0057856	-.006673	-.000118	.0035816	.0250119
#2	-.000846	-.006981	.0031879	-.006694	-.000011	.0041049	.0250889
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004444**	**-.001198**	**.0313162**	**.0006734**	**.0020761**	**-.007348**	**493.4512**
Stddev	.001606	.000437	.0011709	.0000470	.0019047	.000246	4.5585
%RSD	36.14899	36.48298	3.738983	6.973954	91.74120	3.354616	.9237900
#1	-.003308	-.000889	.0321442	.0007066	.0007293	-.007522	490.2279
#2	-.005580	-.001507	.0304883	.0006402	.0034230	-.007173	496.6745
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.130794**	**.0000374**	**-.009377**	**.0009649**	**-.003840**	**.0100240**	**.0082029**
Stddev	.005213	.0000112	.004719	.0000370	.000261	.0023823	.0009934
%RSD	3.985507	30.08720	50.32043	3.831572	6.806199	23.76603	12.11057
#1	-.127108	.0000294	-.012714	.0009387	-.004025	.0117085	.0089054
#2	-.134480	.0000453	-.006041	.0009910	-.003655	.0083394	.0075005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: Fe Acquired: 11/20/2021 2:53:25 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026415	.0108354	.0024543	.0085387	.0067971	.0006113	-.000830
Stddev	.0007821	.0009243	.0005376	.0001261	.0016735	.0000013	.000164
%RSD	29.61000	8.530456	21.90278	1.476425	24.62057	.2107681	19.71999
#1	.0020884	.0114890	.0028344	.0086278	.0079804	.0006122	-.000714
#2	.0031945	.0101818	.0020742	.0084495	.0056137	.0006103	-.000945
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0149103	-.001375	-.001521
Stddev	.0016490	.000097	.000664
%RSD	11.05956	7.051390	43.63462
#1	.0137443	-.001443	-.001052
#2	.0160763	-.001306	-.001991
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1760.247	845.4696	5397.829	4346.002
Stddev	5.003	1.4954	26.246	16.666
%RSD	.2842006	.1768762	.4862289	.3834803
#1	1763.785	844.4121	5416.388	4334.217
#2	1756.710	846.5270	5379.271	4357.786

Sample Name: As Acquired: 11/20/2021 2:56:45 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006928**	**.0203911**	**.9949223**	**-.000174**	**-.000052**	**.0000579**	**-.001048**
Stddev	.0002606	.0100110	.0248097	.000019	.000014	.0000899	.000316
%RSD	37.61458	49.09484	2.493635	10.66793	26.68297	155.1434	30.10032
#1	.0008770	.0274699	1.012465	-.000161	-.000043	-.000006	-.001272
#2	.0005085	.0133122	.977379	-.000187	-.000062	.000121	-.000825
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000920**	**.0002574**	**.0853225**	**-.000211**	**-.000241**	**.0007112**	**.1023646**
Stddev	.002974	.0001435	.0047334	.000321	.000739	.0003168	.0580008
%RSD	323.3870	55.74707	5.547644	152.2033	306.7499	44.54984	56.66102
#1	-.003023	.0003589	.0886695	-.000437	-.000764	.0009352	.1433774
#2	.001183	.0001560	.0819755	.000016	.000282	.0004871	.0613518
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.006818**	**-.000111**	**-.006210**	**.0005531**	**-.000661**	**.0122156**	**.0004369**
Stddev	.012740	.000156	.011383	.0002402	.000154	.0005591	.0009171
%RSD	186.8640	141.3835	183.3001	43.43424	23.24902	4.576678	209.8855
#1	-.015827	-.000221	-.014259	.0003832	-.000553	.0126109	-.000212
#2	.002191	-.000000	.001839	.0007230	-.000770	.0118203	.001085
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: As Acquired: 11/20/2021 2:56:45 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005935	-.000913	-.000773	.0054880	.0013281	.0000046	-.000171
Stddev	.0003091	.000738	.000727	.0008346	.0010055	.0000019	.000102
%RSD	52.07485	80.85464	94.08345	15.20723	75.70521	42.09905	59.90724
#1	.0008120	-.000391	-.000259	.0060782	.0006172	.0000059	-.000098
#2	.0003750	-.001435	-.001287	.0048979	.0020391	.0000032	-.000243
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0025633	.0002809	-.000202
Stddev	.0004133	.0007095	.000106
%RSD	16.12370	252.6076	52.66391
#1	.0022711	-.000221	-.000277
#2	.0028555	.000783	-.000127
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.941	892.0693	5706.460	4382.999
Stddev	23.649	10.9522	20.751	.655
%RSD	1.202331	1.227734	.3636411	.0149508
#1	1950.219	884.3249	5721.134	4382.536
#2	1983.664	899.8137	5691.787	4383.462

Sample Name: Va Acquired: 11/20/2021 3:00:06 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000188**	**-.040604**	**.0020687**	**-.000702**	**-.000020**	**.0000873**	**-.000459**
Stddev	.000421	.002719	.0026500	.000285	.000022	.0001448	.001435
%RSD	224.2487	6.695731	128.0986	40.52560	112.3334	165.8917	312.5552
#1	-.000486	-.042526	.0001949	-.000501	-.000035	.0001897	-.001474
#2	.000110	-.038681	.0039426	-.000903	-.000004	-.000015	.000556
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004852**	**.0003592**	**.0074792**	**-.000480**	**.0011089**	**-.000883**	**.0444528**
Stddev	.002436	.0001382	.0060364	.000125	.0014790	.000149	.0077502
%RSD	50.19310	38.46774	80.70918	26.03615	133.3705	16.85363	17.43470
#1	-.006575	.0002615	.0117476	-.000568	.0000631	-.000988	.0499331
#2	-.003130	.0004569	.0032108	-.000391	.0021547	-.000778	.0389726
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.011106**	**.0000517**	**.0031155**	**-.000060**	**-.000582**	**.0094843**	**.0011647**
Stddev	.002273	.0001984	.0031933	.000114	.000214	.0010214	.0003038
%RSD	20.46667	383.9667	102.4965	190.3750	36.70337	10.76921	26.08370
#1	-.009498	-.000089	.0008575	-.000140	-.000733	.0102065	.0013795
#2	-.012713	.000192	.0053735	.000021	-.000431	.0087621	.0009499
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: Va Acquired: 11/20/2021 3:00:06 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001201**	**-.008411**	**.0003626**	**.0018713**	**.0013187**	**.0000090**	**.0000437**
Stddev	.000600	.002037	.0020128	.0013127	.0003783	.0000077	.0000181
%RSD	49.93330	24.22433	555.1366	70.14919	28.68477	85.45478	41.42123
#1	-.001625	-.006970	.0017859	.0027995	.0010513	.0000144	.0000565
#2	-.000777	-.009851	-.001061	.0009431	.0015862	.0000035	.0000309
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**.0020666**	**6.927536**	**-.000132**
Stddev	.0021958	.050835	.000151
%RSD	106.2517	.7338070	114.3458
#1	.0005139	6.891591	-.000025
#2	.0036193	6.963482	-.000238
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1923.733**	**879.8891**	**5768.824**	**4356.070**
Stddev	8.320	2.4981	53.721	63.646
%RSD	.4324858	.2839112	.9312358	1.461097
#1	1917.850	878.1227	5806.811	4401.075
#2	1929.616	881.6555	5730.838	4311.065

Sample Name: Co Acquired: 11/20/2021 3:03:27 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000115**	**.0138810**	**.0003071**	**-.000608**	**.0000162**	**.0000417**	**-.000281**
Stddev	.000157	.0128387	.0038395	.000058	.0000089	.0002404	.000218
%RSD	136.8048	92.49127	1250.078	9.479565	54.77558	576.0117	77.45902
#1	-.000004	.0229594	-.002408	-.000649	.0000225	-.000128	-.000127
#2	-.000226	.0048027	.003022	-.000567	.0000099	.000212	-.000435
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.014710**	**.0001289**	**.0062805**	**2.981772**	**.0001793**	**.0007284**	**.1382745**
Stddev	.003163	.0001635	.0067061	.020363	.0014153	.0001791	.0177252
%RSD	21.50113	126.8195	106.7775	.6829141	789.3954	24.58447	12.81882
#1	-.016947	.0000133	.0110224	2.967373	.0011801	.0008550	.1508081
#2	-.012474	.0002445	.0015385	2.996171	-.000822	.0006018	.1257409
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.023959**	**-.000274**	**.0073202**	**-.000414**	**-.000517**	**.0029870**	**.0008685**
Stddev	.005212	.000021	.0321480	.000127	.000666	.0048851	.0001239
%RSD	21.75231	7.596692	439.1661	30.81567	128.7773	163.5484	14.26110
#1	-.027644	-.000259	.0300523	-.000504	-.000989	.0064413	.0007809
#2	-.020274	-.000289	-.015412	-.000324	-.000046	-.000467	.0009561
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: Co Acquired: 11/20/2021 3:03:27 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000703	-.001244	.0002172	.0009629	.0015655	.0000103	-.000174
Stddev	.001158	.002467	.0004905	.0003335	.0000523	.0000077	.000116
%RSD	164.7005	198.3442	225.8128	34.62941	3.342224	75.07380	67.02379
#1	.000116	-.002989	-.000130	.0011987	.0015285	.0000048	-.000256
#2	-.001522	.000501	.000564	.0007271	.0016025	.0000158	-.000091
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0101542	.0004520	.0001555
Stddev	.0015128	.0000266	.0001510
%RSD	14.89853	5.878429	97.09090
#1	.0112239	.0004708	.0002623
#2	.0090844	.0004332	.0000487
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1954.018	896.9713	5717.952	4454.922
Stddev	22.994	17.1077	3.532	10.900
%RSD	1.176748	1.907277	.0617676	.2446702
#1	1970.277	909.0683	5715.455	4447.215
#2	1937.759	884.8744	5720.449	4462.630

Sample Name: Ti Acquired: 11/20/2021 3:06:47 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002227**	**.0252752**	**-.003113**	**.0000918**	**.0000067**	**.0001072**	**-.001483**
Stddev	.0000107	.0107482	.004227	.0003450	.0000643	.0001349	.000585
%RSD	4.807973	42.52458	135.7880	375.7888	965.9157	125.8412	39.44068
#1	.0002303	.0176751	-.000124	-.000152	.0000521	.0000118	-.001069
#2	.0002151	.0328753	-.006102	.000336	-.000039	.0002026	-.001897
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.010379**	**.0000880**	**.0129457**	**.0004015**	**.0004018**	**.0000554**	**.0271318**
Stddev	.002266	.0001506	.0061216	.0000873	.0004259	.0002559	.0157071
%RSD	21.83491	171.1224	47.28686	21.75085	105.9972	462.1713	57.89187
#1	-.011981	-.000018	.0086171	.0004633	.0001006	-.000126	.0382385
#2	-.008776	.000195	.0172744	.0003397	.0007030	.000236	.0160252
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004485**	**.0001408**	**-.002308**	**-.000332**	**-.000497**	**.0060541**	**.0016792**
Stddev	.007007	.0002289	.020217	.000591	.000240	.0005186	.0004857
%RSD	156.2248	162.5076	875.7801	178.2245	48.19331	8.566662	28.92416
#1	.000469	.0003026	.011987	-.000750	-.000666	.0064208	.0020227
#2	-.009440	-.000021	-.016604	.000086	-.000328	.0056873	.0013358
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: Ti Acquired: 11/20/2021 3:06:47 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004509	-.007544	-.000239	.0412739	.0022331	.0000112	2.976493
Stddev	.0001989	.001716	.000590	.0023414	.0004875	.0000011	.006362
%RSD	44.11867	22.74563	246.8558	5.672719	21.82901	9.724454	.2137452
#1	.0003102	-.008757	-.000656	.0429295	.0018884	.0000120	2.980992
#2	.0005916	-.006331	.000178	.0396184	.0025778	.0000104	2.971994
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0026304	.0021672	-.000119
Stddev	.0009003	.0006204	.000422
%RSD	34.22615	28.62677	355.0582
#1	.0032671	.0017285	.000180
#2	.0019938	.0026059	-.000417
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1939.882	886.6185	5733.132	4412.115
Stddev	2.600	4.7605	10.993	4.006
%RSD	.1340037	.5369318	.1917392	.0908054
#1	1941.720	889.9847	5740.905	4414.948
#2	1938.044	883.2523	5725.359	4409.282

Sample Name: Mn Acquired: 11/20/2021 3:10:07 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001094**	**.0358752**	**-.000141**	**-.000186**	**-.000048**	**-.000029**
Stddev	.000359	.0034748	.001691	.000017	.000003	.000056
%RSD	32.84959	9.685669	1196.407	9.403764	6.766156	195.1775
#1	-.000840	.0334182	.001054	-.000198	-.000051	-.000068
#2	-.001348	.0383322	-.001337	-.000173	-.000046	.000011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0036614**	**-.008222**	**.0001403**	**.0032145**	**-.000321**	**.0028963**
Stddev	.0002603	.001472	.0000606	.0079460	.000380	.0012136
%RSD	7.109797	17.90949	43.21017	247.1895	118.1542	41.90223
#1	.0038455	-.007180	.0001832	.0088331	-.000590	.0037544
#2	.0034774	-.009263	.0000974	-.002404	-.000053	.0020381
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004304**	**-.008997**	**-.007172**	**-.000073**	F **-.119919**	**19.32813**
Stddev	.0002892	.017527	.017200	.000014	.006476	.06353
%RSD	67.19821	194.8098	239.8289	19.88011	5.400237	.3286830
#1	.0006349	-.021390	-.019334	-.000083	-.124498	19.37305
#2	.0002259	.003396	.004991	-.000063	-.115340	19.28321
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					600.0000	
Low Limit					-.100000	

Sample Name: Mn Acquired: 11/20/2021 3:10:07 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001309**	**.0023217**	**.0014571**	**.0015321**	**-.002111**	**.0029964**
Stddev	.000062	.0007406	.0010222	.0002132	.000038	.0008751
%RSD	4.753544	31.89930	70.14688	13.91551	1.780967	29.20578
#1	-.001265	.0017980	.0021799	.0016829	-.002084	.0023776
#2	-.001353	.0028454	.0007344	.0013814	-.002137	.0036152
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013124**	**.0003648**	**-.000003**	**.0013551**	**-.001702**	**.0009475**
Stddev	.0001800	.0004380	.000008	.0000586	.000036	.0000252
%RSD	13.71578	120.0656	324.4818	4.322500	2.119025	2.658958
#1	.0014396	.0000551	-.000008	.0013136	-.001677	.0009297
#2	.0011851	.0006745	.000003	.0013965	-.001728	.0009654
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**-.000175**
Stddev	.000571
%RSD	327.2051
#1	.000229
#2	-.000579
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: Mn Acquired: 11/20/2021 3:10:07 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1908.288	878.2802	5630.565	4375.556
Stddev	18.464	6.9973	14.623	8.022
%RSD	.9675898	.7967002	.2597073	.1833441
#1	1895.232	873.3324	5640.905	4369.883
#2	1921.344	883.2280	5620.225	4381.229

Sample Name: Ce Acquired: 11/20/2021 3:13:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0066485**	**.0369985**	**-.006586**	**-.000473**	**.0007401**	**-.000056**	**-.001283**
Stddev	.0000024	.0078902	.001007	.000051	.0000619	.000086	.002237
%RSD	.0362226	21.32574	15.29235	10.80908	8.367924	152.6487	174.4259
#1	.0066502	.0314193	-.005874	-.000509	.0006963	.000004	.000299
#2	.0066468	.0425778	-.007298	-.000437	.0007839	-.000117	-.002865
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0024252**	**.0003573**	**9.863009**	**-.000169**	**.0001285**	**-.001229**	**.0042986**
Stddev	.0021615	.0001900	.050065	.000099	.0010087	.000093	.0074680
%RSD	89.12520	53.15686	.5076009	58.77009	784.9213	7.604697	173.7328
#1	.0008968	.0004917	9.827608	-.000239	-.000585	-.001295	.0095793
#2	.0039536	.0002230	9.898410	-.000099	.000842	-.001163	-.000982
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.020536**	**.0010049**	**-.074767**	**.0011956**	**-.002113**	**.0028001**	**.0001956**
Stddev	.013565	.0000822	.000939	.0000824	.000253	.0009965	.0007994
%RSD	66.05487	8.181464	1.256530	6.893822	11.98108	35.58693	408.7748
#1	-.030127	.0009468	-.075431	.0011373	-.002292	.0035047	-.000370
#2	-.010944	.0010631	-.074103	.0012539	-.001934	.0020955	.000761
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: Ce Acquired: 11/20/2021 3:13:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004576	-.002070	.0011321	-.001176	.0021203	-.002206	-.000088
Stddev	.0002905	.000677	.0006664	.001037	.0012612	.000006	.000064
%RSD	63.47030	32.72766	58.86240	88.15416	59.48145	.2691170	72.61642
#1	.0006630	-.001591	.0006609	-.001909	.0030121	-.002202	-.000043
#2	.0002522	-.002549	.0016034	-.000443	.0012285	-.002211	-.000132
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.001203	.0004293	.0013876
Stddev	.001113	.0009102	.0004481
%RSD	92.49528	212.0100	32.29127
#1	-.001990	.0010729	.0017044
#2	-.000416	-.000214	.0010708
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1931.982	881.7434	5607.608	3770.576
Stddev	.875	2.9480	10.109	8.639
%RSD	.0452818	.3343398	.1802792	.2291131
#1	1932.600	879.6588	5600.460	3776.684
#2	1931.363	883.8280	5614.757	3764.467

General Chemistry Worksheet

Batch Number: 500-629668
Method: Moisture
Analyst: Nelson, Larry W

Date Open: Nov 18 2021 2:28PM
Batch End: Nov 19 2021 5:15AM

Lab ID	Client ID	Method Chain	Basis	Dish ID	Empty Dish Weight	Mass of wet Sample	Mass of Dry Sample	Percent Moisture	Percent Solid
500-208392-A-1	SS-001	Moisture	T	62	1.23 g	12.09 g	8.68 g	31.3996 %	68.6004 %
500-208392-A-1~DU		Moisture	T	63	1.24 g	12.20 g	8.76 g	31.3869 %	68.6131 %
500-208392-A-2	SS-002	Moisture	T	64	1.24 g	12.23 g	8.72 g	31.9381 %	68.0619 %
500-208392-A-3	SS-003	Moisture	T	65	1.24 g	12.48 g	9.01 g	30.8719 %	69.1281 %
500-208392-A-4	SS-004	Moisture	T	66	1.22 g	12.09 g	9.16 g	26.9549 %	73.0451 %
500-208392-A-5	SS-005	Moisture	T	67	1.25 g	12.32 g	8.46 g	34.8690 %	65.1310 %
500-208392-A-6	SS-006	Moisture	T	68	1.25 g	12.29 g	8.70 g	32.5181 %	67.4819 %
500-208392-A-7	SS-007	Moisture	T	69	1.25 g	12.96 g	8.49 g	38.1725 %	61.8275 %
500-208392-A-8	SS-008	Moisture	T	70	1.24 g	13.17 g	10.73 g	20.4526 %	79.5474 %
500-208392-A-9	SS-009	Moisture	T	71	1.26 g	12.07 g	5.21 g	63.4598 %	36.5402 %
500-208392-A-10	DUP-1	Moisture	T	72	1.24 g	12.14 g	5.27 g	63.0275 %	36.9725 %
500-208194-A-1	GBFPC1	Moisture	T	73	1.25 g	12.19 g	3.10 g	83.0896 %	16.9104 %
500-208194-A-2	GBFPC1	Moisture	T	74	1.22 g	12.49 g	3.13 g	83.0524 %	16.9476 %
500-208208-D-1	B-18, 5.5'-7.5'	Moisture	T	75	1.23 g	12.02 g	10.78 g	11.4921 %	88.5079 %
500-208208-C-2	B-18, 12'-15'	Moisture	T	76	1.23 g	12.44 g	11.35 g	9.7235 %	90.2765 %
500-208208-D-3	B-16, 6'-8'	Moisture	T	77	1.24 g	12.34 g	10.98 g	12.2523 %	87.7477 %
500-208208-C-4	B-16, 21'-23'	Moisture	T	78	1.23 g	12.44 g	11.59 g	7.5825 %	92.4175 %
500-208227-A-2	60564	Moisture	T	79	1.27 g	12.71 g	10.95 g	15.3846 %	84.6154 %
500-208227-A-3	60565	Moisture	T	80	1.23 g	13.18 g	11.34 g	15.3975 %	84.6025 %
500-208487-F-1	2021-72	Moisture	T	81	1.25 g	11.83 g	10.51 g	12.4764 %	87.5236 %
500-208487-F-2	2021-73	Moisture	T	82	1.22 g	12.06 g	10.55 g	13.9299 %	86.0701 %

Balance ID:	C-971
Oven ID:	C-0776
Thermometer ID:	3364
Date samples were placed in the oven:	11/18/2021
Time samples were place in the oven:	14:28
Temperature - Start - Uncorrected:	104.8 Degrees C
Oven Temp In:	104.6 Degrees C
Date samples were removed from oven:	11/18/2021
Time Samples were removed from oven:	05:15
Temperature - End - Uncorrected:	105.0 Degrees C
Oven Temp Out:	104.8 Degrees C

Chain of Custody Record 457368

eurofins | Environment Testing TestAmerica

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager Robin Kintz	Site Contact JUSTIN KOHL	Date 11/12/21	COC No 1
Company Name VET ENVIRONMENTAL, LLC	Tel/Email	Lab Contact	Carrier	1 of _____ COCs
Address 2335 W. FOUNTAIN DR	Analysis Turnaround Time			Sampler JK, RL
City/State/Zip Bloomington, IN 47404	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only
Phone 812 822 0900	TAT if different from Below ASAP			Walk-in Client
Fax	☐ 2 weeks			Lab Sampling
Project Name BFD-LEAD-111221	☒ 1 week			
Site Bloomington, IN	☐ 2 days			Job / SDG No 500 208392
P O #	☐ 1 day			

500-208392 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	LEAD	Sample Specific Notes
1 SS-001	11/12/21	0855	G	S	1			X	
2 SS-002	11/12/21	0907	G	S	1			X	
3 SS-003	11/12/21	0916	G	S	1			X	
4 SS-004	11/12/21	0932	G	S	1			X	
5 SS-005	11/12/21	0948	G	S	1			X	
6 SS-006	11/12/21	1002	G	S	1			X	
7 SS-007	11/12/21	1250	G	S	1			X	
8 SS-008	11/12/21	1304	G	S	1			X	
9 SS-009	11/12/21	1345	G	S	1			X	
10 DUP-1	11/12/21	—	G	S	1			X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

1.1 → 0.1

Custody Seals Intact. ☐ Yes ☐ No	Custody Seal No	Cooler Temp (°C) Obs'd 1.1 Corr'd _____ Therm ID No _____		
Relinquished by	Company VET	Date/Time 11/12/21 1700	Received by	Company / Date/Time
Relinquished by	Company	Date/Time	Received by	Company / Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by Paula Buckley	Company EAT Chi / Date/Time 11/13/21 0950

Login Sample Receipt Checklist

Client: VET Environmental Engineering, LLC

Job Number: 500-208392-1

Login Number: 208392
List Number: 1
Creator: Buckley, Paula M

List Source: Eurofins TestAmerica, Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Job Number: 500-208447-1

Job Description: BFD - Lead - 111521

For:
VET Environmental Engineering, LLC
2335 W. Fountain Drive
Bloomington, IN 47404

Attention: Ms. Sara R Hamidovic

Approved for release.
Robin M Kintz
Project Manager II
11/22/2021 1:48 PM

Robin M Kintz, Project Manager II
2417 Bond Street, University Park, IL, 60484
(708)534-5200
Robin.Kintz@Eurofinset.com
11/22/2021

All questions regarding this test report should be directed to the TestAmerica Project Manager whose signature appears on this report. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
500-208447-1

Comments
No additional comments.

Receipt
The samples were received on 11/16/2021 10:25 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were -0.7º C and 0.7º C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: VET Environmental Engineering, LLC
Project/Site: BFD - Lead - 111521

Job ID: 500-208447-1

Client Sample ID: SS-010 — Lab Sample ID: 500-208447-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	29		0.60		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-011 — Lab Sample ID: 500-208447-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	15		0.66		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-012 — Lab Sample ID: 500-208447-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	24		0.58		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-013 — Lab Sample ID: 500-208447-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	17		0.79		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-014 — Lab Sample ID: 500-208447-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	15		0.74		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-015 — Lab Sample ID: 500-208447-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	16		0.78		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-016 — Lab Sample ID: 500-208447-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	20		0.65		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-017 — Lab Sample ID: 500-208447-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	19		0.90		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-018 — Lab Sample ID: 500-208447-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	32		0.66		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-019 — Lab Sample ID: 500-208447-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.7		2.0		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-020 — Lab Sample ID: 500-208447-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	19		0.58		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-021 — Lab Sample ID: 500-208447-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	20		1.1		mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: VET Environmental Engineering, LLC
Project/Site: BFD - Lead - 111521

Job ID: 500-208447-1

Client Sample ID: SS-022 — Lab Sample ID: 500-208447-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	10		1.4		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-023 — Lab Sample ID: 500-208447-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	25		0.70		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-024 — Lab Sample ID: 500-208447-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	20		0.74		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: DUP-2 — Lab Sample ID: 500-208447-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	19		0.72		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-025 — Lab Sample ID: 500-208447-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	28		0.60		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-026 — Lab Sample ID: 500-208447-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	22		0.68		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: LS-01 — Lab Sample ID: 500-208447-19

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208447-1
Project/Site: BFD - Lead - 111521

Client Sample ID: SS-010
Lab Sample ID: 500-208447-1
Date Collected: 11/15/21 08:35
Matrix: Solid
Date Received: 11/16/21 10:25
Percent Solids: 69.4

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	29		0.60		mg/Kg	☼	11/19/21 02:04	11/19/21 22:54	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208447-1
Project/Site: BFD - Lead - 111521

Client Sample ID: SS-011
Lab Sample ID: 500-208447-2
Date Collected: 11/15/21 09:25
Matrix: Solid
Date Received: 11/16/21 10:25
Percent Solids: 71.2

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	15		0.66		mg/Kg	☼	11/19/21 02:04	11/19/21 22:57	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208447-1
Project/Site: BFD - Lead - 111521

Client Sample ID: SS-012
Lab Sample ID: 500-208447-3
Date Collected: 11/15/21 09:35
Matrix: Solid
Date Received: 11/16/21 10:25
Percent Solids: 74.2

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	24		0.58		mg/Kg	☼	11/19/21 02:04	11/19/21 23:00	1

Client Sample ID: SS-013
Lab Sample ID: 500-208447-4
Date Collected: 11/15/21 10:19
Matrix: Solid
Date Received: 11/16/21 10:25
Percent Solids: 58.7

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	17		0.79		mg/Kg	☼	11/19/21 02:04	11/19/21 23:03	1

Client Sample ID: SS-014
Lab Sample ID: 500-208447-5
Date Collected: 11/15/21 10:30
Matrix: Solid
Date Received: 11/16/21 10:25
Percent Solids: 58.1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	15		0.74		mg/Kg	☼	11/19/21 02:34	11/19/21 23:13	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208447-1
Project/Site: BFD - Lead - 111521

Client Sample ID: SS-015
Lab Sample ID: 500-208447-6
Date Collected: 11/15/21 11:00
Matrix: Solid
Date Received: 11/16/21 10:25
Percent Solids: 55.7

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	16		0.78		mg/Kg	☼	11/19/21 02:34	11/19/21 23:36	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208447-1
Project/Site: BFD - Lead - 111521

Client Sample ID: SS-016
Lab Sample ID: 500-208447-7
Date Collected: 11/15/21 11:05
Matrix: Solid
Date Received: 11/16/21 10:25
Percent Solids: 65.6

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	20		0.65		mg/Kg	☼	11/19/21 02:34	11/19/21 23:39	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208447-1
Project/Site: BFD - Lead - 111521

Client Sample ID: SS-017
Lab Sample ID: 500-208447-8
Date Collected: 11/15/21 11:16
Matrix: Solid
Date Received: 11/16/21 10:25
Percent Solids: 49.5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	19		0.90		mg/Kg	☼	11/19/21 02:34	11/19/21 23:42	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208447-1
Project/Site: BFD - Lead - 111521

Client Sample ID: SS-018
Lab Sample ID: 500-208447-9
Date Collected: 11/15/21 11:43
Matrix: Solid
Date Received: 11/16/21 10:25
Percent Solids: 69.9

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	32		0.66		mg/Kg	☼	11/19/21 02:34	11/19/21 23:45	1

Client Sample ID: SS-019
Date Collected: 11/15/21 11:50
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-10
Matrix: Solid
Percent Solids: 23.2

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.7		2.0		mg/Kg	☼	11/19/21 02:34	11/19/21 23:48	1

Client Sample ID: SS-020
Lab Sample ID: 500-208447-11
Date Collected: 11/15/21 12:02
Matrix: Solid
Date Received: 11/16/21 10:25
Percent Solids: 74.4

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	19		0.58		mg/Kg	☼	11/19/21 02:34	11/19/21 23:52	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208447-1
Project/Site: BFD - Lead - 111521

Client Sample ID: SS-021
Lab Sample ID: 500-208447-12
Date Collected: 11/15/21 14:17
Matrix: Solid
Date Received: 11/16/21 10:25
Percent Solids: 43.3

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	20		1.1		mg/Kg	☼	11/19/21 02:34	11/19/21 23:55	1

Client Sample ID: SS-022
Lab Sample ID: 500-208447-13
Date Collected: 11/15/21 14:25
Matrix: Solid
Date Received: 11/16/21 10:25
Percent Solids: 32.6

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	10		1.4		mg/Kg	☼	11/19/21 02:34	11/20/21 00:04	1

Client Sample ID: SS-023
Lab Sample ID: 500-208447-14
Date Collected: 11/15/21 14:33
Matrix: Solid
Date Received: 11/16/21 10:25
Percent Solids: 70.7

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	25		0.70		mg/Kg	☼	11/19/21 02:34	11/20/21 00:08	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208447-1
Project/Site: BFD - Lead - 111521

Client Sample ID: SS-024
Lab Sample ID: 500-208447-15
Date Collected: 11/15/21 15:00
Matrix: Solid
Date Received: 11/16/21 10:25
Percent Solids: 67.0

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	20		0.74		mg/Kg	☼	11/19/21 02:34	11/20/21 00:11	1

Client Sample ID: DUP-2
Lab Sample ID: 500-208447-16

Date Collected: 11/15/21 00:00
Matrix: Solid

Date Received: 11/16/21 10:25
Percent Solids: 66.9

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	19		0.72		mg/Kg	☼	11/19/21 02:34	11/20/21 00:14	1

Client Sample ID: SS-025
Lab Sample ID: 500-208447-17
Date Collected: 11/15/21 15:15
Matrix: Solid
Date Received: 11/16/21 10:25
Percent Solids: 72.9

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	28		0.60		mg/Kg	☼	11/19/21 02:34	11/20/21 00:17	1

Client Sample ID: SS-026
Lab Sample ID: 500-208447-18
Date Collected: 11/15/21 15:21
Matrix: Solid
Date Received: 11/16/21 10:25
Percent Solids: 68.4

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	22		0.68		mg/Kg	☼	11/19/21 02:34	11/20/21 00:20	1

Client Sample ID: LS-01
Lab Sample ID: 500-208447-19
Date Collected: 11/15/21 16:10
Matrix: Solid
Date Received: 11/16/21 10:25
Percent Solids: 75.3

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.66		0.66		mg/Kg	☼	11/19/21 02:34	11/20/21 00:24	1

Default Detection Limits

Client: VET Environmental Engineering, LLC
Project/Site: BFD - Lead - 111521

Job ID: 500-208447-1

Method: 6010C - Metals (ICP)

Prep: 3050B

Analyte	RL	MDL	Units
Lead	0.50	0.23	mg/Kg

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 500-629717/1-A
Matrix: Solid
Analysis Batch: 630217

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629717

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.50		0.50		mg/Kg		11/19/21 02:04	11/19/21 21:31	1

Lab Sample ID: LCS 500-629717/2-A
Matrix: Solid
Analysis Batch: 630217

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629717

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead			10.0	8.88		mg/Kg		89	80 - 120		

Lab Sample ID: MB 500-629718/1-A
Matrix: Solid
Analysis Batch: 630217

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629718

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.50		0.50		mg/Kg		11/19/21 02:34	11/19/21 23:07	1

Lab Sample ID: LCS 500-629718/2-A
Matrix: Solid
Analysis Batch: 630217

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629718

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead			10.0	8.55		mg/Kg		85	80 - 120		

Lab Sample ID: 500-208447-5 MS
Matrix: Solid
Analysis Batch: 630217

Client Sample ID: SS-014
Prep Type: Total/NA
Prep Batch: 629718

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead	15		14.8	27.1		mg/Kg	☼	80	75 - 125		

Lab Sample ID: 500-208447-5 MSD
Matrix: Solid
Analysis Batch: 630217

Client Sample ID: SS-014
Prep Type: Total/NA
Prep Batch: 629718

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	15		15.6	27.1		mg/Kg	☼	76	75 - 125	0	20

Lab Sample ID: 500-208447-5 DU
Matrix: Solid
Analysis Batch: 630217

Client Sample ID: SS-014
Prep Type: Total/NA
Prep Batch: 629718

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Lead	15			12.5		mg/Kg	☼			20	20

Metals

Prep Batch: 629717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208447-1	SS-010	Total/NA	Solid	3050B	
500-208447-2	SS-011	Total/NA	Solid	3050B	
500-208447-3	SS-012	Total/NA	Solid	3050B	
500-208447-4	SS-013	Total/NA	Solid	3050B	
MB 500-629717/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-629717/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 629718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208447-5	SS-014	Total/NA	Solid	3050B	
500-208447-6	SS-015	Total/NA	Solid	3050B	
500-208447-7	SS-016	Total/NA	Solid	3050B	
500-208447-8	SS-017	Total/NA	Solid	3050B	
500-208447-9	SS-018	Total/NA	Solid	3050B	
500-208447-10	SS-019	Total/NA	Solid	3050B	
500-208447-11	SS-020	Total/NA	Solid	3050B	
500-208447-12	SS-021	Total/NA	Solid	3050B	
500-208447-13	SS-022	Total/NA	Solid	3050B	
500-208447-14	SS-023	Total/NA	Solid	3050B	
500-208447-15	SS-024	Total/NA	Solid	3050B	
500-208447-16	DUP-2	Total/NA	Solid	3050B	
500-208447-17	SS-025	Total/NA	Solid	3050B	
500-208447-18	SS-026	Total/NA	Solid	3050B	
500-208447-19	LS-01	Total/NA	Solid	3050B	
MB 500-629718/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-629718/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-208447-5 MS	SS-014	Total/NA	Solid	3050B	
500-208447-5 MSD	SS-014	Total/NA	Solid	3050B	
500-208447-5 DU	SS-014	Total/NA	Solid	3050B	

Analysis Batch: 630217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208447-1	SS-010	Total/NA	Solid	6010C	629717
500-208447-2	SS-011	Total/NA	Solid	6010C	629717
500-208447-3	SS-012	Total/NA	Solid	6010C	629717
500-208447-4	SS-013	Total/NA	Solid	6010C	629717
500-208447-5	SS-014	Total/NA	Solid	6010C	629718
500-208447-6	SS-015	Total/NA	Solid	6010C	629718
500-208447-7	SS-016	Total/NA	Solid	6010C	629718
500-208447-8	SS-017	Total/NA	Solid	6010C	629718
500-208447-9	SS-018	Total/NA	Solid	6010C	629718
500-208447-10	SS-019	Total/NA	Solid	6010C	629718
500-208447-11	SS-020	Total/NA	Solid	6010C	629718
500-208447-12	SS-021	Total/NA	Solid	6010C	629718
500-208447-13	SS-022	Total/NA	Solid	6010C	629718
500-208447-14	SS-023	Total/NA	Solid	6010C	629718
500-208447-15	SS-024	Total/NA	Solid	6010C	629718
500-208447-16	DUP-2	Total/NA	Solid	6010C	629718
500-208447-17	SS-025	Total/NA	Solid	6010C	629718
500-208447-18	SS-026	Total/NA	Solid	6010C	629718
500-208447-19	LS-01	Total/NA	Solid	6010C	629718

Metals (Continued)

Analysis Batch: 630217 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-629717/1-A	Method Blank	Total/NA	Solid	6010C	629717
MB 500-629718/1-A	Method Blank	Total/NA	Solid	6010C	629718
LCS 500-629717/2-A	Lab Control Sample	Total/NA	Solid	6010C	629717
LCS 500-629718/2-A	Lab Control Sample	Total/NA	Solid	6010C	629718
500-208447-5 MS	SS-014	Total/NA	Solid	6010C	629718
500-208447-5 MSD	SS-014	Total/NA	Solid	6010C	629718
500-208447-5 DU	SS-014	Total/NA	Solid	6010C	629718

General Chemistry

Analysis Batch: 629679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208447-1	SS-010	Total/NA	Solid	Moisture	
500-208447-2	SS-011	Total/NA	Solid	Moisture	
500-208447-3	SS-012	Total/NA	Solid	Moisture	
500-208447-4	SS-013	Total/NA	Solid	Moisture	
500-208447-5	SS-014	Total/NA	Solid	Moisture	
500-208447-6	SS-015	Total/NA	Solid	Moisture	
500-208447-7	SS-016	Total/NA	Solid	Moisture	
500-208447-8	SS-017	Total/NA	Solid	Moisture	
500-208447-9	SS-018	Total/NA	Solid	Moisture	
500-208447-10	SS-019	Total/NA	Solid	Moisture	
500-208447-11	SS-020	Total/NA	Solid	Moisture	
500-208447-12	SS-021	Total/NA	Solid	Moisture	
500-208447-13	SS-022	Total/NA	Solid	Moisture	
500-208447-14	SS-023	Total/NA	Solid	Moisture	
500-208447-15	SS-024	Total/NA	Solid	Moisture	
500-208447-16	DUP-2	Total/NA	Solid	Moisture	
500-208447-17	SS-025	Total/NA	Solid	Moisture	
500-208447-18	SS-026	Total/NA	Solid	Moisture	
500-208447-19	LS-01	Total/NA	Solid	Moisture	
500-208447-1 DU	SS-010	Total/NA	Solid	Moisture	

Client Sample ID: SS-010
Date Collected: 11/15/21 08:35
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629679	11/18/21 15:20	LWN	TAL CHI

Client Sample ID: SS-010
Date Collected: 11/15/21 08:35
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-1
Matrix: Solid
Percent Solids: 69.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629717	11/19/21 02:04	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 22:54	JJB	TAL CHI

Client Sample ID: SS-011
Date Collected: 11/15/21 09:25
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629679	11/18/21 15:20	LWN	TAL CHI

Client Sample ID: SS-011
Date Collected: 11/15/21 09:25
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-2
Matrix: Solid
Percent Solids: 71.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629717	11/19/21 02:04	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 22:57	JJB	TAL CHI

Client Sample ID: SS-012
Date Collected: 11/15/21 09:35
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629679	11/18/21 15:20	LWN	TAL CHI

Client Sample ID: SS-012
Date Collected: 11/15/21 09:35
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-3
Matrix: Solid
Percent Solids: 74.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629717	11/19/21 02:04	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 23:00	JJB	TAL CHI

Client Sample ID: SS-013
Date Collected: 11/15/21 10:19
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629679	11/18/21 15:20	LWN	TAL CHI

Client Sample ID: SS-013
Date Collected: 11/15/21 10:19
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-4
Matrix: Solid
Percent Solids: 58.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629717	11/19/21 02:04	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 23:03	JJB	TAL CHI

Client Sample ID: SS-014
Date Collected: 11/15/21 10:30
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629679	11/18/21 15:20	LWN	TAL CHI

Client Sample ID: SS-014
Date Collected: 11/15/21 10:30
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-5
Matrix: Solid
Percent Solids: 58.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629718	11/19/21 02:34	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 23:13	JJB	TAL CHI

Client Sample ID: SS-015
Date Collected: 11/15/21 11:00
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629679	11/18/21 15:20	LWN	TAL CHI

Client Sample ID: SS-015
Date Collected: 11/15/21 11:00
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-6
Matrix: Solid
Percent Solids: 55.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629718	11/19/21 02:34	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 23:36	JJB	TAL CHI

Client Sample ID: SS-016
Date Collected: 11/15/21 11:05
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629679	11/18/21 15:20	LWN	TAL CHI

Client Sample ID: SS-016
Date Collected: 11/15/21 11:05
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-7
Matrix: Solid
Percent Solids: 65.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629718	11/19/21 02:34	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 23:39	JJB	TAL CHI

Client Sample ID: SS-017
Date Collected: 11/15/21 11:16
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629679	11/18/21 15:20	LWN	TAL CHI

Client Sample ID: SS-017
Date Collected: 11/15/21 11:16
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-8
Matrix: Solid
Percent Solids: 49.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629718	11/19/21 02:34	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 23:42	JJB	TAL CHI

Client Sample ID: SS-018
Date Collected: 11/15/21 11:43
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629679	11/18/21 15:20	LWN	TAL CHI

Client Sample ID: SS-018
Date Collected: 11/15/21 11:43
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-9
Matrix: Solid
Percent Solids: 69.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629718	11/19/21 02:34	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 23:45	JJB	TAL CHI

Client Sample ID: SS-019
Date Collected: 11/15/21 11:50
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629679	11/18/21 15:20	LWN	TAL CHI

Client Sample ID: SS-019
Date Collected: 11/15/21 11:50
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-10
Matrix: Solid
Percent Solids: 23.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629718	11/19/21 02:34	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 23:48	JJB	TAL CHI

Client Sample ID: SS-020
Date Collected: 11/15/21 12:02
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629679	11/18/21 15:20	LWN	TAL CHI

Client Sample ID: SS-020
Date Collected: 11/15/21 12:02
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-11
Matrix: Solid
Percent Solids: 74.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629718	11/19/21 02:34	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 23:52	JJB	TAL CHI

Client Sample ID: SS-021
Date Collected: 11/15/21 14:17
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629679	11/18/21 15:20	LWN	TAL CHI

Client Sample ID: SS-021
Date Collected: 11/15/21 14:17
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-12
Matrix: Solid
Percent Solids: 43.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629718	11/19/21 02:34	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/19/21 23:55	JJB	TAL CHI

Client Sample ID: SS-022
Date Collected: 11/15/21 14:25
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629679	11/18/21 15:20	LWN	TAL CHI

Lab Chronicle

Client: VET Environmental Engineering, LLC
Project/Site: BFD - Lead - 111521

Job ID: 500-208447-1

Client Sample ID: SS-022
Date Collected: 11/15/21 14:25
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-13
Matrix: Solid
Percent Solids: 32.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629718	11/19/21 02:34	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/20/21 00:04	JJB	TAL CHI

Client Sample ID: SS-023
Date Collected: 11/15/21 14:33
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629679	11/18/21 15:20	LWN	TAL CHI

Client Sample ID: SS-023
Date Collected: 11/15/21 14:33
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-14
Matrix: Solid
Percent Solids: 70.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629718	11/19/21 02:34	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/20/21 00:08	JJB	TAL CHI

Client Sample ID: SS-024
Date Collected: 11/15/21 15:00
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629679	11/18/21 15:20	LWN	TAL CHI

Client Sample ID: SS-024
Date Collected: 11/15/21 15:00
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-15
Matrix: Solid
Percent Solids: 67.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629718	11/19/21 02:34	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/20/21 00:11	JJB	TAL CHI

Client Sample ID: DUP-2
Date Collected: 11/15/21 00:00
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629679	11/18/21 15:20	LWN	TAL CHI

Client Sample ID: DUP-2
Lab Sample ID: 500-208447-16
Date Collected: 11/15/21 00:00
Matrix: Solid
Date Received: 11/16/21 10:25
Percent Solids: 66.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629718	11/19/21 02:34	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/20/21 00:14	JJB	TAL CHI

Client Sample ID: SS-025
Lab Sample ID: 500-208447-17
Date Collected: 11/15/21 15:15
Matrix: Solid
Date Received: 11/16/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629679	11/18/21 15:20	LWN	TAL CHI

Client Sample ID: SS-025
Lab Sample ID: 500-208447-17
Date Collected: 11/15/21 15:15
Matrix: Solid
Date Received: 11/16/21 10:25
Percent Solids: 72.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629718	11/19/21 02:34	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/20/21 00:17	JJB	TAL CHI

Client Sample ID: SS-026
Lab Sample ID: 500-208447-18
Date Collected: 11/15/21 15:21
Matrix: Solid
Date Received: 11/16/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629679	11/18/21 15:20	LWN	TAL CHI

Client Sample ID: SS-026
Lab Sample ID: 500-208447-18
Date Collected: 11/15/21 15:21
Matrix: Solid
Date Received: 11/16/21 10:25
Percent Solids: 68.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629718	11/19/21 02:34	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/20/21 00:20	JJB	TAL CHI

Client Sample ID: LS-01
Lab Sample ID: 500-208447-19
Date Collected: 11/15/21 16:10
Matrix: Solid
Date Received: 11/16/21 10:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	629679	11/18/21 15:20	LWN	TAL CHI

Lab Chronicle

Client: VET Environmental Engineering, LLC
Project/Site: BFD - Lead - 111521

Job ID: 500-208447-1

Client Sample ID: LS-01
Date Collected: 11/15/21 16:10
Date Received: 11/16/21 10:25

Lab Sample ID: 500-208447-19
Matrix: Solid
Percent Solids: 75.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			629718	11/19/21 02:34	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630217	11/20/21 00:24	JJB	TAL CHI

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: VET Environmental Engineering, LLC
Job ID: 500-208447-1
Project/Site: BFD - Lead - 111521

Laboratory: Eurofins TestAmerica, Chicago

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2903	04-29-22
Georgia	State	N/A	04-29-22
Georgia (DW)	State	939	04-30-21 *
Hawaii	State	NA	04-29-22
Illinois	NELAP	IL00035	04-29-22
Indiana	State	C-IL-02	04-29-22
Iowa	State	082	05-01-22
Kansas	NELAP	E-10161	10-31-22
Kentucky (UST)	State	AI # 108083	04-29-22
Kentucky (WW)	State	KY90023	12-31-21
Louisiana	NELAP	02046	06-30-22
Mississippi	State	NA	04-30-22
North Carolina (WW/SW)	State	291	12-31-21
North Dakota	State	R-194	04-29-22
Oklahoma	State	8908	08-31-22
South Carolina	State	77001003	04-29-22
USDA	US Federal Programs	P330-18-00018	02-11-24
Wisconsin	State	999580010	08-31-22
Wyoming	State	8TMS-Q	04-30-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: VET Environmental Engineering, LLC
Job ID: 500-208447-1
Project/Site: BFD - Lead - 111521

Method	Method Description	Protocol	Laboratory
6010C	Metals (ICP)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
3050B	Preparation, Metals	SW846	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: VET Environmental Engineering, LLC
Project/Site: BFD - Lead - 111521

Job ID: 500-208447-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-208447-1	SS-010	Solid	11/15/21 08:35	11/16/21 10:25
500-208447-2	SS-011	Solid	11/15/21 09:25	11/16/21 10:25
500-208447-3	SS-012	Solid	11/15/21 09:35	11/16/21 10:25
500-208447-4	SS-013	Solid	11/15/21 10:19	11/16/21 10:25
500-208447-5	SS-014	Solid	11/15/21 10:30	11/16/21 10:25
500-208447-6	SS-015	Solid	11/15/21 11:00	11/16/21 10:25
500-208447-7	SS-016	Solid	11/15/21 11:05	11/16/21 10:25
500-208447-8	SS-017	Solid	11/15/21 11:16	11/16/21 10:25
500-208447-9	SS-018	Solid	11/15/21 11:43	11/16/21 10:25
500-208447-10	SS-019	Solid	11/15/21 11:50	11/16/21 10:25
500-208447-11	SS-020	Solid	11/15/21 12:02	11/16/21 10:25
500-208447-12	SS-021	Solid	11/15/21 14:17	11/16/21 10:25
500-208447-13	SS-022	Solid	11/15/21 14:25	11/16/21 10:25
500-208447-14	SS-023	Solid	11/15/21 14:33	11/16/21 10:25
500-208447-15	SS-024	Solid	11/15/21 15:00	11/16/21 10:25
500-208447-16	DUP-2	Solid	11/15/21 00:00	11/16/21 10:25
500-208447-17	SS-025	Solid	11/15/21 15:15	11/16/21 10:25
500-208447-18	SS-026	Solid	11/15/21 15:21	11/16/21 10:25
500-208447-19	LS-01	Solid	11/15/21 16:10	11/16/21 10:25

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
M21EICVIC_00001	02/19/22	05/17/21	acidic water, Lot 261535-275677	1000 mL	M20HSTKIC_00006	8 mL	Lead	0.4 ug/mL
.M20HSTKIC_00006	02/19/22	CPI International, Lot 10096466-3			(Purchased Reagent)		Lead	50 ug/mL
M21EISAIC_00001	03/24/22	05/10/21	acidic water, Lot 261535-275677	1000 mL	M21ESTKIC_00008	100 mL	Al	500 ug/mL
							Ca	500 ug/mL
							Fe	200 ug/mL
							Mg	500 ug/mL
.M21ESTKIC_00008	05/05/22	Inorganic Ventures, Lot P2-MEB688011			(Purchased Reagent)		Al	5000 ug/mL
							Ca	5000 ug/mL
							Fe	2000 ug/mL
							Mg	5000 ug/mL
M21HCRIIC_00002	07/19/22	08/23/21	acidic water, Lot 261535-271303	1000 mL	M21BSTKIC_00004	2 mL	Lead	10 ug/L
.M21BSTKIC_00004	07/19/22	CPI International, Lot 10096346-5			(Purchased Reagent)		Lead	5 ug/mL
M21JCCVIC_00001	06/18/22	10/08/21	acidic water, Lot 261535-275677	1000 mL	M21HSTKMS_00002	5 mL	Lead	0.5 ug/mL
.M21HSTKMS_00002	01/08/23	CPI International, Lot 10096462-15			(Purchased Reagent)		Lead	100 ug/mL
M21JCCVLIC_00002	07/19/22	10/08/21	acidic water, Lot 261535-281827	1000 mL	M21BSTKIC_00004	1 mL	Lead	0.005 ug/mL
.M21BSTKIC_00004	07/19/22	CPI International, Lot 10096346-5			(Purchased Reagent)		Lead	5 ug/mL
M21JISBIC_00001	02/19/22	10/08/21	acidic water, Lot 261535-281827	1000 mL	M20HSTKIC_00005	10 mL	Ag	0.2 ug/mL
							As	0.1 ug/mL
							Ba	0.5 ug/mL
							Be	0.5 ug/mL
							Cd	1 ug/mL
							Co	0.5 ug/mL
							Cr	0.5 ug/mL
							Cu	0.5 ug/mL
							Lead	0.05 ug/mL
							Mn	0.5 ug/mL
							Ni	1 ug/mL
							Sb	0.6 ug/mL
							Se	0.05 ug/mL
							Tl	0.1 ug/mL
							V	0.5 ug/mL
							Zn	1 ug/mL
					M21ESTKIC_00002	100 mL	Al	500 ug/mL
							Ca	500 ug/mL
							Fe	200 ug/mL
							Mg	500 ug/mL
.M20HSTKIC_00005	02/19/22	CPI International, Lot 10096462-9			(Purchased Reagent)		Ag	20 ug/mL
							As	10 ug/mL
							Ba	50 ug/mL
							Be	50 ug/mL
							Cd	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Co	50 ug/mL
							Cr	50 ug/mL
							Cu	50 ug/mL
							Lead	5 ug/mL
							Mn	50 ug/mL
							Ni	100 ug/mL
							Sb	60 ug/mL
							Se	5 ug/mL
							Tl	10 ug/mL
							V	50 ug/mL
							Zn	100 ug/mL
.M21ESTKIC_00002	09/18/22	CPI International, Lot 1102642-1			(Purchased Reagent)		Al	5000 ug/mL
							Ca	5000 ug/mL
							Fe	2000 ug/mL
							Mg	5000 ug/mL
M21JSPKIC_00001	03/24/22	10/05/21	Nitric Acid Water, Lot 261535	500 mL	M20JSTKIC_00003	50 mL	Al	200 ug/mL
							Ba	200 ug/mL
							Ca	1000 ug/mL
							K	1000 ug/mL
							Mg	1000 ug/mL
							Na	1000 ug/mL
					M20JSTKIC_00004	50 mL	As	10 ug/mL
							B	100 ug/mL
							Be	5 ug/mL
							Bi	50 ug/mL
							Cd	5 ug/mL
							Co	50 ug/mL
							Cr	20 ug/mL
							Cu	25 ug/mL
							Fe	100 ug/mL
							Lead	10 ug/mL
							Li	50 ug/mL
							Mn	50 ug/mL
							Ni	50 ug/mL
							Se	10 ug/mL
							Sr	100 ug/mL
							Tl	10 ug/mL
							V	50 ug/mL
							Zn	50 ug/mL
					M20JSTKIC_00005	50 mL	Ag	5 ug/mL
							Mo	100 ug/mL
							Sb	50 ug/mL
							Si	500 ug/mL
							Sn	100 ug/mL
							Ti	100 ug/mL
					M20KSTKIC_00001	4 mL	Lead	10 ug/mL
					M21CSTKIC_00009	3 mL	As	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					M21HSTKIC_00006	4.5 mL	Se	10 ug/mL
					M21HSTKIC_00009	2.5 mL	Tl	10 ug/mL
.M20JSTKIC_00003	03/24/22	CPI International, Lot 10107076-6			(Purchased Reagent)		Al	2000 ug/mL
							Ba	2000 ug/mL
							Ca	10000 ug/mL
							K	10000 ug/mL
							Mg	10000 ug/mL
							Na	10000 ug/mL
.M20JSTKIC_00004	03/24/22	CPI International, Lot 10107076-5			(Purchased Reagent)		As	40 ug/mL
							B	1000 ug/mL
							Be	50 ug/mL
							Bi	500 ug/mL
							Cd	50 ug/mL
							Co	500 ug/mL
							Cr	200 ug/mL
							Cu	250 ug/mL
							Fe	1000 ug/mL
							Lead	20 ug/mL
							Li	500 ug/mL
							Mn	500 ug/mL
							Ni	500 ug/mL
							Se	10 ug/mL
							Sr	1000 ug/mL
							Tl	50 ug/mL
							V	500 ug/mL
							Zn	500 ug/mL
.M20JSTKIC_00005	03/25/22	CPI International, Lot 10107076-4			(Purchased Reagent)		Ag	50 ug/mL
							Mo	1000 ug/mL
							Sb	500 ug/mL
							Si	5000 ug/mL
							Sn	1000 ug/mL
							Ti	1000 ug/mL
.M20KSTKIC_00001	04/12/22	CPI International, Lot 1046594-39			(Purchased Reagent)		Lead	1000 ug/mL
.M21CSTKIC_00009	07/11/22	CPI International, Lot 1034904-107			(Purchased Reagent)		As	1000 ug/mL
.M21HSTKIC_00006	01/22/23	CPI International, Lot 1063158-82			(Purchased Reagent)		Se	1000 ug/mL
.M21HSTKIC_00009	06/12/22	CPI International, Lot 1025512-56			(Purchased Reagent)		Tl	1000 ug/mL

METALS

COVER PAGE
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208447-1

SDG No.:

Project: BFD - Lead - 111521

Client Sample ID	Lab Sample ID
SS-010	500-208447-1
SS-011	500-208447-2
SS-012	500-208447-3
SS-013	500-208447-4
SS-014	500-208447-5
SS-015	500-208447-6
SS-016	500-208447-7
SS-017	500-208447-8
SS-018	500-208447-9
SS-019	500-208447-10
SS-020	500-208447-11
SS-021	500-208447-12
SS-022	500-208447-13
SS-023	500-208447-14
SS-024	500-208447-15
DUP-2	500-208447-16
SS-025	500-208447-17
SS-026	500-208447-18
LS-01	500-208447-19

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-010 Lab Sample ID: 500-208447-1

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG ID.:

Matrix: Solid Date Sampled: 11/15/2021 08:35

Reporting Basis: DRY Date Received: 11/16/2021 10:25

% Solids: 69.4

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	29	0.60		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-011 Lab Sample ID: 500-208447-2

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG ID.:

Matrix: Solid Date Sampled: 11/15/2021 09:25

Reporting Basis: DRY Date Received: 11/16/2021 10:25

% Solids: 71.2

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	15	0.66		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-012 Lab Sample ID: 500-208447-3

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG ID.:

Matrix: Solid Date Sampled: 11/15/2021 09:35

Reporting Basis: DRY Date Received: 11/16/2021 10:25

% Solids: 74.2

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	24	0.58		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-013 Lab Sample ID: 500-208447-4

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG ID.:

Matrix: Solid Date Sampled: 11/15/2021 10:19

Reporting Basis: DRY Date Received: 11/16/2021 10:25

% Solids: 58.7

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	17	0.79		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-014 Lab Sample ID: 500-208447-5

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG ID.:

Matrix: Solid Date Sampled: 11/15/2021 10:30

Reporting Basis: DRY Date Received: 11/16/2021 10:25

% Solids: 58.1

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	15	0.74		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-015 Lab Sample ID: 500-208447-6

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG ID.:

Matrix: Solid Date Sampled: 11/15/2021 11:00

Reporting Basis: DRY Date Received: 11/16/2021 10:25

% Solids: 55.7

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	16	0.78		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-016 Lab Sample ID: 500-208447-7

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG ID.:

Matrix: Solid Date Sampled: 11/15/2021 11:05

Reporting Basis: DRY Date Received: 11/16/2021 10:25

% Solids: 65.6

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	20	0.65		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-017 Lab Sample ID: 500-208447-8

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG ID.:

Matrix: Solid Date Sampled: 11/15/2021 11:16

Reporting Basis: DRY Date Received: 11/16/2021 10:25

% Solids: 49.5

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	19	0.90		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-018 Lab Sample ID: 500-208447-9

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG ID.:

Matrix: Solid Date Sampled: 11/15/2021 11:43

Reporting Basis: DRY Date Received: 11/16/2021 10:25

% Solids: 69.9

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	32	0.66		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-019 Lab Sample ID: 500-208447-10

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG ID.:

Matrix: Solid Date Sampled: 11/15/2021 11:50

Reporting Basis: DRY Date Received: 11/16/2021 10:25

% Solids: 23.2

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	3.7	2.0		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-020 Lab Sample ID: 500-208447-11

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG ID.:

Matrix: Solid Date Sampled: 11/15/2021 12:02

Reporting Basis: DRY Date Received: 11/16/2021 10:25

% Solids: 74.4

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	19	0.58		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-021 Lab Sample ID: 500-208447-12

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG ID.:

Matrix: Solid Date Sampled: 11/15/2021 14:17

Reporting Basis: DRY Date Received: 11/16/2021 10:25

% Solids: 43.3

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	20	1.1		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-022 Lab Sample ID: 500-208447-13

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG ID.:

Matrix: Solid Date Sampled: 11/15/2021 14:25

Reporting Basis: DRY Date Received: 11/16/2021 10:25

% Solids: 32.6

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	10	1.4		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-023 Lab Sample ID: 500-208447-14

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG ID.:

Matrix: Solid Date Sampled: 11/15/2021 14:33

Reporting Basis: DRY Date Received: 11/16/2021 10:25

% Solids: 70.7

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	25	0.70		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-024 Lab Sample ID: 500-208447-15

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG ID.:

Matrix: Solid Date Sampled: 11/15/2021 15:00

Reporting Basis: DRY Date Received: 11/16/2021 10:25

% Solids: 67.0

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	20	0.74		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: DUP-2 Lab Sample ID: 500-208447-16

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG ID.:

Matrix: Solid Date Sampled: 11/15/2021 00:00

Reporting Basis: DRY Date Received: 11/16/2021 10:25

% Solids: 66.9

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	19	0.72		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-025 Lab Sample ID: 500-208447-17

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG ID.:

Matrix: Solid Date Sampled: 11/15/2021 15:15

Reporting Basis: DRY Date Received: 11/16/2021 10:25

% Solids: 72.9

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	28	0.60		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-026 Lab Sample ID: 500-208447-18

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG ID.:

Matrix: Solid Date Sampled: 11/15/2021 15:21

Reporting Basis: DRY Date Received: 11/16/2021 10:25

% Solids: 68.4

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	22	0.68		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: LS-01 Lab Sample ID: 500-208447-19

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG ID.:

Matrix: Solid Date Sampled: 11/15/2021 16:10

Reporting Basis: DRY Date Received: 11/16/2021 10:25

% Solids: 75.3

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	<0.66	0.66		mg/Kg			1	6010C

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

ICV Source: M21EICVIC_00001 Concentration Units: mg/L

CCV Source: M21JCCVIC_00001

Analyte	ICV 500-630217/7 11/19/2021 20:54				CCV 500-630217/13 11/19/2021 21:14				CCV 500-630217/28 11/19/2021 22:02			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.409		0.400	102	0.518		0.500	104	0.521		0.500	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

ICV Source: M21EICVIC_00001 Concentration Units: mg/L

CCV Source: M21JCCVIC_00001

Analyte	CCV 500-630217/40 11/19/2021 22:41				CCV 500-630217/52 11/19/2021 23:20				CCV 500-630217/64 11/19/2021 23:58			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.522		0.500	104	0.521		0.500	104	0.522		0.500	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

ICV Source: M21EICVIC_00001 Concentration Units: mg/L

CCV Source: M21JCCVIC_00001

Analyte	CCV 500-630217/76 11/20/2021 00:37											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.516		0.500	103								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

ICV Source: M21JCCVLIC_00002 Concentration Units: mg/L

CCV Source: M21JCCVLIC_00002

Analyte	ICVL 500-630217/15 11/19/2021 21:20				CCVL 500-630217/114 11/20/2021 02:43							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.00528		0.00500	106	0.00557		0.00500	111				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

Method: 6010C Instrument ID: ICP6

Lab Sample ID: CRI 500-630217/10 Concentration Units: mg/L

CRQL Check Standard Source: M21HCRIIC_00002

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Lead	0.0100	0.0101		101	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICBIS 500-630217/8 11/19/2021 20:57		CCB 500-630217/14 11/19/2021 21:17		CCB 500-630217/29 11/19/2021 22:06		CCB 500-630217/41 11/19/2021 22:44	
		Found	C	Found	C	Found	C	Found	C
Lead	0.0050	<0.0050		<0.0050		<0.0050		<0.0050	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 500-630217/53 11/19/2021 23:23		CCB 500-630217/65 11/20/2021 00:01		CCB 500-630217/77 11/20/2021 00:40			
		Found	C	Found	C	Found	C	Found	C
Lead	0.0050	<0.0050		<0.0050		<0.0050			

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 500-629717/1-A

Instrument Code: ICP6 Batch No.: 630217

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	<0.50			6010C

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 500-629718/1-A

Instrument Code: ICP6 Batch No.: 630217

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	<0.50			6010C

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

Lab Sample ID: ICSA 500-630217/11 Instrument ID: ICP6

Lab File ID: P6111921C.asc ICS Source: M21EISAIC_00001

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Lead		**0.0009**	
Aluminum	*500*	*536*	*107*
Antimony		*-0.0097*	
Arsenic		*0.0019*	
Barium		*0.0083*	
Beryllium		*0.0021*	
Bismuth		*0.0088*	
Boron		*-0.0014*	
Cadmium		*0.0002*	
Calcium	*500*	*520*	*104*
Chromium		*-0.0015*	
Cobalt		*-0.0003*	
Copper		*-0.0002*	
Iron	*200*	*205*	*102*
Lithium		*0.0015*	
Magnesium	*500*	*518*	*104*
Manganese		*0.0030*	
Molybdenum		*0.0006*	
Nickel		*0.0022*	
Potassium		*-0.0707*	
Selenium		*-0.0037*	
Silicon		*-0.0134*	
Silver		*0.0006*	
Sodium		*0.0367*	
Strontium		*0.0017*	
Thallium		*0.0082*	
Tin		*0.0079*	
Titanium		*0.0026*	
Vanadium		*-0.0022*	
Zinc		*0.0009*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

Lab Sample ID: ICSAB 500-630217/12 Instrument ID: ICP6

Lab File ID: P6111921C.asc ICS Source: M21JISBIC_00001

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Lead	**0.0500**	**0.0491**	**98**
Aluminum	*500*	*533*	*107*
Antimony	*0.600*	*0.579*	*96*
Arsenic	*0.100*	*0.0967*	*97*
Barium	*0.500*	*0.535*	*107*
Beryllium	*0.500*	*0.566*	*113*
Bismuth		*0.0082*	
Boron		*-0.0016*	
Cadmium	*1.00*	*1.03*	*103*
Calcium	*500*	*529*	*106*
Chromium	*0.500*	*0.453*	*91*
Cobalt	*0.500*	*0.514*	*103*
Copper	*0.500*	*0.544*	*109*
Iron	*200*	*204*	*102*
Lithium		*0.0014*	
Magnesium	*500*	*512*	*102*
Manganese	*0.500*	*0.517*	*103*
Molybdenum		*-0.0007*	
Nickel	*1.00*	*1.00*	*100*
Potassium		*-0.0804*	
Selenium	*0.0500*	*0.0512*	*102*
Silicon		*0.0048*	
Silver	*0.200*	*0.217*	*108*
Sodium		*0.0350*	
Strontium		*0.0017*	
Thallium	*0.100*	*0.0968*	*97*
Tin		*0.0106*	
Titanium		*0.0027*	
Vanadium	*0.500*	*0.464*	*93*
Zinc	*1.00*	*1.02*	*102*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: SS-014 MS
Lab ID: 500-208447-5 MS
Lab Name: Eurofins TestAmerica, Chicago
Job No.: 500-208447-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 58.1

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	27.1		15		14.8	80	75-125		6010C

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: SS-014 MSD
Lab ID: 500-208447-5 MSD
Lab Name: Eurofins TestAmerica, Chicago
Job No.: 500-208447-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 58.1

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Lead	27.1		15.6	76	75-125	0	20		6010C

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

6-IN
DUPLICATES
METALS

Client ID: SS-014 DU | Lab ID: 500-208447-5 DU

Lab Name: Eurofins TestAmerica, Chicago | Job No.: 500-208447-1

SDG No.:

% Solids for Sample: 58.1 | % Solids for Duplicate: 58.1

Matrix: Solid | Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Lead	0.86	15		12.5		20		6010C

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 500-629717/2-A

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

Sample Matrix: Solid LCS Source: M21JSPKIC_00001

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Lead	10.0	8.88		89	80	120		6010C

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 500-629718/2-A

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

Sample Matrix: Solid LCS Source: M21JSPKIC_00001

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Lead	10.0	8.55		85	80	120		6010C

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 500-208447-5

SDG No:

Lab Name: Eurofins TestAmerica, Chicago Job No: 500-208447-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Lead	15		15.6		NC		6010C

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208447-1

SDG Number:

Matrix: Solid Instrument ID: ICP6

Method: 6010C MDL Date: 03/29/2017 09:52

Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Lead		0.5	0.231

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208447-1

SDG Number:

Matrix: Solid Instrument ID: ICP6

Method: 6010C XMDL Date: 06/16/2010 15:46

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Lead		0.005	0.0025

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208447-1

SDG No.:

ICP-AES Instrument ID: ICP6 Date: 10/13/2021

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Aluminum	308.215										0.000941				
Antimony	206.833		0.000029												
Arsenic	189.042		-0.000018												-0.000022
Barium	455.403										-0.000144				
Beryllium	234.861														
Bismuth	223.061														
Boron	208.959														
Cadmium	228.802			0.002171											0
Calcium	317.933														
Chromium	267.716														
Cobalt	228.616														
Copper	324.754														0.000021
Iron	271.441										-0.011085	0.050586			
Lead	220.353		-0.000047								0.000027				0.000069
Lithium	670.784														
Magnesium	279.079														
Manganese	257.610														
Molybdenum	202.030														-0.000034
Nickel	231.604		0.000008												0.000033
Potassium	766.490														
Selenium	196.090		-0.000002								0.000025				
Silicon	212.412														
Silver	328.068						0.000039				-0.010920				
Sodium	589.592														
Strontium	421.552		0.000013						0.000008		0.000284				
Thallium	190.856		0.000045								0.000540				-0.000071
Tin	189.989										0.000107				0.000022
Titanium	334.941	0.003434													
Vanadium	292.402														0.000035
Zinc	206.200														

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208447-1

SDG No.:

ICP-AES Instrument ID: ICP6 Date: 10/13/2021

Analyte	Wave Length	K	Li	Mg	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti
Aluminum	308.215					0.007252									
Antimony	206.833														
Arsenic	189.042											-0.000204			
Barium	455.403														
Beryllium	234.861														
Bismuth	223.061														
Boron	208.959														
Cadmium	228.802											0.000021			
Calcium	317.933														
Chromium	267.716														
Cobalt	228.616														0.002231
Copper	324.754														
Iron	271.441			0.000100					0						
Lead	220.353									-0.000357		0.000135			
Lithium	670.784														
Magnesium	279.079														
Manganese	257.610														
Molybdenum	202.030														
Nickel	231.604	0.000016													
Potassium	766.490														
Selenium	196.090														
Silicon	212.412					0.058805				0.009312			0.028864		0.016825
Silver	328.068				0.000212										
Sodium	589.592														
Strontium	421.552														
Thallium	190.856				0.000269										
Tin	189.989														
Titanium	334.941														
Vanadium	292.402														
Zinc	206.200														

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208447-1

SDG No.:

ICP-AES Instrument ID: ICP6 Date: 10/13/2021

Analyte	Wave Length	Tl	V	Zn											
Aluminum	308.215		0.067221												
Antimony	206.833														
Arsenic	189.042														
Barium	455.403														
Beryllium	234.861														
Bismuth	223.061														
Boron	208.959														
Cadmium	228.802														
Calcium	317.933														
Chromium	267.716														
Cobalt	228.616														
Copper	324.754														
Iron	271.441		0.003316												
Lead	220.353														
Lithium	670.784														
Magnesium	279.079														
Manganese	257.610														
Molybdenum	202.030														
Nickel	231.604														
Potassium	766.490														
Selenium	196.090														
Silicon	212.412														
Silver	328.068		0.000132												
Sodium	589.592														
Strontium	421.552														
Thallium	190.856		0.002191												
Tin	189.989														
Titanium	334.941														
Vanadium	292.402														
Zinc	206.200														

X-IN

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No: 500-208447-1

SDG No.:

Instrument ID: ICP6 Date: 01/02/2019 11:08

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Lead		100	6010C

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 500-629717/1-A	11/19/2021 02:04	629717	1		100
LCS 500-629717/2-A	11/19/2021 02:04	629717	1		100
500-208447-1	11/19/2021 02:04	629717	1.1920		100
500-208447-2	11/19/2021 02:04	629717	1.0715		100
500-208447-3	11/19/2021 02:04	629717	1.1669		100
500-208447-4	11/19/2021 02:04	629717	1.0709		100

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 500-629718/1-A	11/19/2021 02:34	629718	1		100
LCS 500-629718/2-A	11/19/2021 02:34	629718	1		100
500-208447-5	11/19/2021 02:34	629718	1.1689		100
500-208447-5 DU	11/19/2021 02:34	629718	1.0055		100
500-208447-5 MS	11/19/2021 02:34	629718	1.1593		100
500-208447-5 MSD	11/19/2021 02:34	629718	1.1059		100
500-208447-6	11/19/2021 02:34	629718	1.1450		100
500-208447-7	11/19/2021 02:34	629718	1.1773		100
500-208447-8	11/19/2021 02:34	629718	1.1191		100
500-208447-9	11/19/2021 02:34	629718	1.0800		100
500-208447-10	11/19/2021 02:34	629718	1.0710		100
500-208447-11	11/19/2021 02:34	629718	1.1536		100
500-208447-12	11/19/2021 02:34	629718	1.0641		100
500-208447-13	11/19/2021 02:34	629718	1.0677		100
500-208447-14	11/19/2021 02:34	629718	1.0069		100
500-208447-15	11/19/2021 02:34	629718	1.0112		100
500-208447-16	11/19/2021 02:34	629718	1.0413		100
500-208447-17	11/19/2021 02:34	629718	1.1399		100
500-208447-18	11/19/2021 02:34	629718	1.0747		100
500-208447-19	11/19/2021 02:34	629718	1.0024		100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

Instrument ID: ICP6 Analysis Method: 6010C

Start Date: 11/19/2021 20:34 End Date: 11/20/2021 03:13

Lab Sample Id	D/F	Type	Time	Analytes																								
				Pb																								
ZZZZZZ			20:34																									
ZZZZZZ			20:37																									
ZZZZZZ			20:41																									
ZZZZZZ			20:44																									
ZZZZZZ			20:48																									
ZZZZZZ			20:51																									
ICV 500-630217/7	1		20:54	X																								
ICBIS 500-630217/8	1		20:57	X																								
ZZZZZZ			21:00																									
CRI 500-630217/10	1		21:04	X																								
ICSA 500-630217/11	1		21:07	X																								
ICSAB 500-630217/12	1		21:10	X																								
CCV 500-630217/13	1		21:14	X																								
CCB 500-630217/14	1		21:17	X																								
ICVL 500-630217/15	1		21:20	X																								
ZZZZZZ			21:23																									
LRC 500-630217/17			21:27																									
MB 500-629717/1-A	1	T	21:31	X																								
LCS 500-629717/2-A	1	T	21:34	X																								
ZZZZZZ			21:37																									
ZZZZZZ			21:40																									
ZZZZZZ			21:43																									
ZZZZZZ			21:47																									
ZZZZZZ			21:50																									
ZZZZZZ			21:53																									
ZZZZZZ			21:56																									
ZZZZZZ			21:59																									
CCV 500-630217/28	1		22:02	X																								
CCB 500-630217/29	1		22:06	X																								
ZZZZZZ			22:09																									
ZZZZZZ			22:12																									
ZZZZZZ			22:15																									
ZZZZZZ			22:18																									
ZZZZZZ			22:22																									
ZZZZZZ			22:25																									
ZZZZZZ			22:28																									
ZZZZZZ			22:31																									
ZZZZZZ			22:34																									
ZZZZZZ			22:38																									
CCV 500-630217/40	1		22:41	X																								
CCB 500-630217/41	1		22:44	X																								
ZZZZZZ			22:47																									

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

Instrument ID: ICP6 Analysis Method: 6010C

Start Date: 11/19/2021 20:34 End Date: 11/20/2021 03:13

Lab Sample Id	D/F	Type	Time	Analytes
				Pb
ZZZZZZ			22:50	
500-208447-1	1	T	22:54	X
500-208447-2	1	T	22:57	X
500-208447-3	1	T	23:00	X
500-208447-4	1	T	23:03	X
MB 500-629718/1-A	1	T	23:07	X
LCS 500-629718/2-A	1	T	23:10	X
500-208447-5	1	T	23:13	X
500-208447-5 SD	5	T	23:16	X
CCV 500-630217/52	1		23:20	X
CCB 500-630217/53	1		23:23	X
500-208447-5 DU	1	T	23:26	X
500-208447-5 MS	1	T	23:29	X
500-208447-5 MSD	1	T	23:32	X
500-208447-6	1	T	23:36	X
500-208447-7	1	T	23:39	X
500-208447-8	1	T	23:42	X
500-208447-9	1	T	23:45	X
500-208447-10	1	T	23:48	X
500-208447-11	1	T	23:52	X
500-208447-12	1	T	23:55	X
CCV 500-630217/64	1		23:58	X
CCB 500-630217/65	1		00:01	X
500-208447-13	1	T	00:04	X
500-208447-14	1	T	00:08	X
500-208447-15	1	T	00:11	X
500-208447-16	1	T	00:14	X
500-208447-17	1	T	00:17	X
500-208447-18	1	T	00:20	X
500-208447-19	1	T	00:24	X
ZZZZZZ			00:27	
ZZZZZZ			00:30	
ZZZZZZ			00:33	
CCV 500-630217/76	1		00:37	X
CCB 500-630217/77	1		00:40	X
ZZZZZZ			00:43	
ZZZZZZ			00:46	
ZZZZZZ			00:50	
ZZZZZZ			00:53	
ZZZZZZ			00:57	
ZZZZZZ			01:00	
ZZZZZZ			01:03	

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

Instrument ID: ICP6 Analysis Method: 6010C

Start Date: 11/19/2021 20:34 End Date: 11/20/2021 03:13

Lab Sample Id	D/F	Type	Time	Analytes
				Pb
ZZZZZZ			01:06	
ZZZZZZ			01:10	
ZZZZZZ			01:13	
CCV 500-630217/88			01:16	
CCB 500-630217/89			01:19	
ZZZZZZ			01:22	
ZZZZZZ			01:26	
ZZZZZZ			01:29	
ZZZZZZ			01:32	
ZZZZZZ			01:36	
ZZZZZZ			01:39	
ZZZZZZ			01:42	
ZZZZZZ			01:46	
ZZZZZZ			01:49	
ZZZZZZ			01:52	
ZZZZZZ			01:55	
CCV 500-630217/101			01:59	
CCB 500-630217/102			02:02	
ZZZZZZ			02:05	
ZZZZZZ			02:09	
ZZZZZZ			02:12	
ZZZZZZ			02:15	
ZZZZZZ			02:19	
ZZZZZZ			02:22	
ZZZZZZ			02:26	
ZZZZZZ			02:30	
ZZZZZZ			02:33	
CCV 500-630217/112			02:36	
CCB 500-630217/113			02:40	
CCVL 500-630217/114	1		02:43	X
ZZZZZZ			02:46	
ZZZZZZ			02:50	
ZZZZZZ			02:53	
ZZZZZZ			02:56	
ZZZZZZ			03:00	
ZZZZZZ			03:03	
ZZZZZZ			03:06	
ZZZZZZ			03:10	
ZZZZZZ			03:13	

Prep Types:
T = Total/NA

FORM XIII-IN

15-IN
ICP INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.: Analysis Batch No.: 630217

ICP Instrument ID: ICP6 Start Date: 11/19/2021 End Date: 11/20/2021

Lab Sample ID	Time	Internal Standards %RI For:									
		Element In 230.606	Q	Element Y 224.306	Q	Element Y 360.073	Q	Element Y 371.030	Q	Element	Q
ICV 500-630217/7	20:54										
ICBIS 500-630217/8	20:57										
CRI 500-630217/10	21:04	99		101		100		100			
ICSA 500-630217/11	21:07	70		89		87		89			
ICSAB 500-630217/12	21:10	70		86		87		90			
CCV 500-630217/13	21:14	86		95		95		99			
CCB 500-630217/14	21:17	100		100		100		100			
ICVL 500-630217/15	21:20	99		100		99		102			
MB 500-629717/1-A	21:31	99		100		99		96			
LCS 500-629717/2-A	21:34	93		97		98		96			
CCV 500-630217/28	22:02	88		98		96		100			
CCB 500-630217/29	22:06	101		103		101		100			
CCV 500-630217/40	22:41	88		101		98		100			
CCB 500-630217/41	22:44	100		102		101		100			
500-208447-1	22:54	84		109		109		108			
500-208447-2	22:57	85		104		105		102			
500-208447-3	23:00	87		108		107		105			
500-208447-4	23:03	83		97		98		98			
MB 500-629718/1-A	23:07	99		102		101		99			
LCS 500-629718/2-A	23:10	94		100		99		98			
500-208447-5	23:13	86		100		101		100			
500-208447-5 SD	23:16	96		104		103		101			
CCV 500-630217/52	23:20	88		100		98		100			
CCB 500-630217/53	23:23	101		103		102		100			
500-208447-5 DU	23:26	88		101		101		99			
500-208447-5 MS	23:29	83		99		99		99			
500-208447-5 MSD	23:32	84		99		99		99			
500-208447-6	23:36	85		101		100		101			
500-208447-7	23:39	89		107		105		103			
500-208447-8	23:42	88		100		100		99			
500-208447-9	23:45	88		108		107		106			
500-208447-10	23:48	93		97		97		98			
500-208447-11	23:52	87		108		108		107			
500-208447-12	23:55	87		99		101		101			
CCV 500-630217/64	23:58	88		100		97		101			
CCB 500-630217/65	00:01	101		102		101		101			
500-208447-13	00:04	90		98		99		99			
500-208447-14	00:08	84		101		102		100			
500-208447-15	00:11	87		103		103		102			
500-208447-16	00:14	86		101		102		101			
500-208447-17	00:17	86		104		105		103			

15-IN
ICP INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.: Analysis Batch No.: 630217

ICP Instrument ID: ICP6 Start Date: 11/19/2021 End Date: 11/20/2021

Lab Sample ID	Time	Internal Standards %RI For:									
		Element In 230.606	Q	Element Y 224.306	Q	Element Y 360.073	Q	Element Y 371.030	Q	Element	Q
500-208447-18	00:20	88		104		104		103			
500-208447-19	00:24	87		89		93		94			
CCV 500-630217/76	00:37	87		98		97		100			
CCB 500-630217/77	00:40	100		101		100		102			
CCVL 500-630217/114	02:43	99		101		100		101			

15A-IN
ICP INTERNAL STANDARDS RELATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.: Analysis Batch No.: 630217

ICP Instrument ID: ICP6 Start Date: 11/19/2021 End Date: 11/20/2021

Analyte	Wavelength	Internal Standard Used:				
		Element In 230.606	Element Y 224.306	Element Y 360.073	Element Y 371.030	Element
Lead	220.353	X				
Aluminum	308.215				X	
Antimony	206.833		X			
Arsenic	189.042		X			
Barium	455.403				X	
Beryllium	234.861				X	
Bismuth	223.061	X				
Boron	208.959		X			
Cadmium	228.802		X			
Calcium	317.933				X	
Chromium	267.716			X		
Cobalt	228.616	X				
Copper	324.754			X		
Iron	271.441				X	
Lithium	670.784				X	
Magnesium	279.079				X	
Manganese	257.610				X	
Molybdenum	202.030		X			
Nickel	231.604	X				
Potassium	766.490				X	
Selenium	196.090		X			
Silicon	212.412		X			
Silver	328.068			X		
Sodium	589.592				X	
Strontium	421.552			X		
Thallium	190.856	X				
Tin	189.989	X				
Titanium	334.941			X		
Vanadium	292.402			X		
Zinc	206.200	X				
Internal Standard Name on Instrument		In2306	Y_2243	Y_3600	Y_3710	

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

Batch Number: 629717 Batch Start Date: 11/19/21 02:04 Batch Analyst: Estes, William R

Batch Method: 3050B Batch End Date: 11/19/21 02:34

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	M21JSPKIC 00001			
MB 500-629717/1		3050B, 6010C		1 g	100 mL				
LCS 500-629717/2		3050B, 6010C		1 g	100 mL	1 mL			
500-208447-A-1	SS-010	3050B, 6010C	T	1.1920 g	100 mL				
500-208447-A-2	SS-011	3050B, 6010C	T	1.0715 g	100 mL				
500-208447-A-3	SS-012	3050B, 6010C	T	1.1669 g	100 mL				
500-208447-A-4	SS-013	3050B, 6010C	T	1.0709 g	100 mL				

Batch Notes	
Balance ID	C-1952
Digestion Tube/Cup ID	2106023
Hydrochloric Acid ID	285454
Nitric Acid ID	1121051
Hydrogen Peroxide ID	288749
Digestion Unit ID	2493
Thermometer ID	3328
Filter ID	17413121
Temperature - Uncorrected - Start	91 Degrees C
Temperature - Corrected - Start	91 Degrees C
Temperature - Uncorrected - End	91 Degrees C
Temperature - Corrected - End	91 Degrees C
Digestion Start Time	11/19/2021 02:04
Digestion End Time	11/19/2021 02:34
Batch Comment	SnapCaps: 22721008

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

Batch Number: 629718 Batch Start Date: 11/19/21 02:34 Batch Analyst: Estes, William R

Batch Method: 3050B Batch End Date: 11/19/21 02:58

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	M21JSPKIC 00001			
MB 500-629718/1		3050B, 6010C		1 g	100 mL				
LCS 500-629718/2		3050B, 6010C		1 g	100 mL	1 mL			
500-208447-A-5	SS-014	3050B, 6010C	T	1.1689 g	100 mL				
500-208447-A-5 DU	SS-014	3050B, 6010C	T	1.0055 g	100 mL				
500-208447-A-5 MS	SS-014	3050B, 6010C	T	1.1593 g	100 mL	1 mL			
500-208447-A-5 MSD	SS-014	3050B, 6010C	T	1.1059 g	100 mL	1 mL			
500-208447-A-6	SS-015	3050B, 6010C	T	1.1450 g	100 mL				
500-208447-A-7	SS-016	3050B, 6010C	T	1.1773 g	100 mL				
500-208447-A-8	SS-017	3050B, 6010C	T	1.1191 g	100 mL				
500-208447-A-9	SS-018	3050B, 6010C	T	1.0800 g	100 mL				
500-208447-A-10	SS-019	3050B, 6010C	T	1.0710 g	100 mL				
500-208447-A-11	SS-020	3050B, 6010C	T	1.1536 g	100 mL				
500-208447-A-12	SS-021	3050B, 6010C	T	1.0641 g	100 mL				
500-208447-A-13	SS-022	3050B, 6010C	T	1.0677 g	100 mL				
500-208447-A-14	SS-023	3050B, 6010C	T	1.0069 g	100 mL				
500-208447-A-15	SS-024	3050B, 6010C	T	1.0112 g	100 mL				
500-208447-A-16	DUP-2	3050B, 6010C	T	1.0413 g	100 mL				
500-208447-A-17	SS-025	3050B, 6010C	T	1.1399 g	100 mL				
500-208447-A-18	SS-026	3050B, 6010C	T	1.0747 g	100 mL				
500-208447-A-19	LS-01	3050B, 6010C	T	1.0024 g	100 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208447-1

SDG No.:

Batch Number: 629718 Batch Start Date: 11/19/21 02:34 Batch Analyst: Estes, William R

Batch Method: 3050B Batch End Date: 11/19/21 02:58

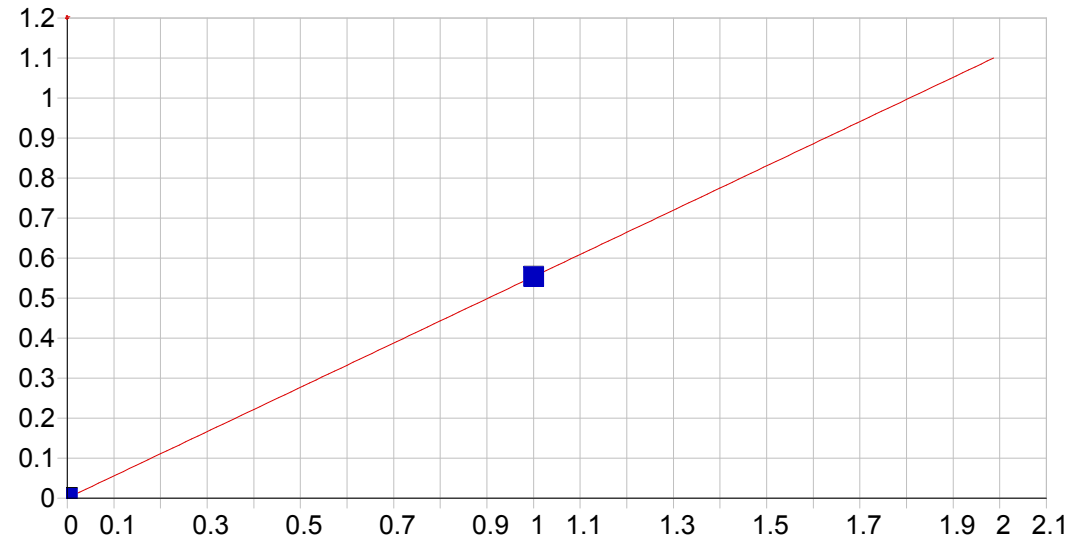
Batch Notes	
Balance ID	C-1952
Digestion Tube/Cup ID	2106023
Hydrochloric Acid ID	285454
Nitric Acid ID	1121051
Hydrogen Peroxide ID	288749
Digestion Unit ID	1739
Thermometer ID	3328
Filter ID	17413121
Temperature - Uncorrected - Start	92 Degrees C
Temperature - Corrected - Start	92 Degrees C
Temperature - Uncorrected - End	92 Degrees C
Temperature - Corrected - End	92 Degrees C
Digestion Start Time	11/19/2021 02:34
Digestion End Time	11/19/2021 02:58
Batch Comment	SnapCaps: 22721008

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	CorrFact	Check	Check Table	Fail Action
1	---	---	---	---	Cal	---	---	---	---	---	None
2	110	2	2	5	QC	S1	P6111921C	1	☒	S1	None
3	111	2	3	5	QC	S2		1	☒	S2	None
4	112	2	4	5	QC	ICV		1	☒	ICV	None
5	113	2	5	5	QC	ICB		1	☒	ICB	None
6	114	2	6	5	QC	ICVL		1	☒	CCVLL	None
7	115	2	7	5	QC	CRI		1	☒	CRI	None
8	116	2	8	5	QC	ICSA		1	☒	ICSA	None
9	117	2	9	5	QC	ICSAB		1	☒	ICSAB	None
10	118	2	10	5	QC	CCV		1	☒	CCV	None
11	119	2	11	5	QC	CCB		1	☒	CCB	None
12	120	2	12	5	QC	ICVL		1	☒	CCVLL	None
13	218	4	2	4	QC	MRL		1	☒	CCVLL	None
14	219	4	3	4	QC	LRC		1	☒	LRC	None
15	121	3	1	1	Unk	mb 500-629717/1-a		1	☒	RLTABLE	---
16	122	3	2	1	Unk	lcs 500-629717/2-a		1	☒	RLTABLE	---
17	123	3	3	1	Unk	500-208392-a-1-a		1	☒	RLTABLE	---
18	124	3	4	1	Unk	500-208392-a-1-aSD@5		1	☒	RLTABLE	---
19	125	3	5	1	Unk	500-208392-a-1-b du		1	☒	RLTABLE	---
20	126	3	6	1	Unk	500-208392-a-1-c ms		1	☒	RLTABLE	---
21	127	3	7	1	Unk	500-208392-a-1-d msd		1	☒	RLTABLE	---
22	128	3	8	1	Unk	500-208392-a-2-a		1	☒	RLTABLE	---
23	129	3	9	1	Unk	500-208392-a-3-a		1	☒	RLTABLE	---
24	130	3	10	1	Unk	500-208392-a-4-a		1	☒	RLTABLE	---
25	131	3	11	1	QC	CCV		1	☒	CCV	None
26	132	3	12	1	QC	CCB		1	☒	CCB	None
27	133	3	1	2	Unk	500-208392-a-5-a		1	☒	RLTABLE	---
28	134	3	2	2	Unk	500-208392-a-6-a		1	☒	RLTABLE	---
29	135	3	3	2	Unk	500-208392-a-7-a		1	☒	RLTABLE	---
30	136	3	4	2	Unk	500-208392-a-8-a		1	☒	RLTABLE	---
31	137	3	5	2	Unk	500-208392-a-9-a		1	☒	RLTABLE	---
32	138	3	6	2	Unk	500-208392-a-10-a		1	☒	RLTABLE	---
33	139	3	7	2	Unk	500-208410-d-1-c		1	☒	RLTABLE	---
34	140	3	8	2	Unk	500-208410-d-2-c		1	☒	RLTABLE	---
35	141	3	9	2	Unk	500-208410-d-3-c		1	☒	RLTABLE	---
36	142	3	10	2	Unk	500-208410-d-4-c		1	☒	RLTABLE	---
37	143	3	11	2	QC	CCV		1	☒	CCV	None
38	144	3	12	2	QC	CCB		1	☒	CCB	None
39	145	3	1	3	Unk	500-208410-d-5-c		1	☒	RLTABLE	---
40	146	3	2	3	Unk	500-208410-d-6-c		1	☒	RLTABLE	---
41	147	3	3	3	Unk	500-208447-a-1-a		1	☒	RLTABLE	---
42	148	3	4	3	Unk	500-208447-a-2-a		1	☒	RLTABLE	---
43	149	3	5	3	Unk	500-208447-a-3-a		1	☒	RLTABLE	---
44	150	3	6	3	Unk	500-208447-a-4-a		1	☒	RLTABLE	---
45	151	3	7	3	Unk	ms 500-629718/1-a		1	☒	RLTABLE	---
46	152	3	8	3	Unk	lcs 500-629718/2-a		1	☒	RLTABLE	---
47	153	3	9	3	Unk	500-208447-a-5-a		1	☒	RLTABLE	---
48	154	3	10	3	Unk	500-208447-a-5-aSD@5		1	☒	RLTABLE	---
49	155	3	11	3	QC	CCV		1	☒	CCV	None
50	156	3	12	3	QC	CCB		1	☒	CCB	None
51	157	3	1	4	Unk	500-208447-a-5-b du		1	☒	RLTABLE	---
52	158	3	2	4	Unk	500-208447-a-5-c ms		1	☒	RLTABLE	---
53	159	3	3	4	Unk	500-208447-a-5-d msd		1	☒	RLTABLE	---
54	160	3	4	4	Unk	500-208447-a-6-a		1	☒	RLTABLE	---
55	161	3	5	4	Unk	500-208447-a-7-a		1	☒	RLTABLE	---
56	162	3	6	4	Unk	500-208447-a-8-a		1	☒	RLTABLE	---
57	163	3	7	4	Unk	500-208447-a-9-a		1	☒	RLTABLE	---
58	164	3	8	4	Unk	500-208447-a-10-a		1	☒	RLTABLE	---
59	165	3	9	4	Unk	500-208447-a-11-a		1	☒	RLTABLE	---
60	166	3	10	4	Unk	500-208447-a-12-a		1	☒	RLTABLE	---
61	167	3	11	4	QC	CCV		1	☒	CCV	None
62	168	3	12	4	QC	CCB		1	☒	CCB	None
63	169	3	1	5	Unk	500-208447-a-13-a		1	☒	RLTABLE	---

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	CorrFact	Check	Check Table	Fail Action
64	170	3	2	5	Unk	500-208447-a-14-a		1	☒	RLTABLE	---
65	171	3	3	5	Unk	500-208447-a-15-a		1	☒	RLTABLE	---
66	172	3	4	5	Unk	500-208447-a-16-a		1	☒	RLTABLE	---
67	173	3	5	5	Unk	500-208447-a-17-a		1	☒	RLTABLE	---
68	174	3	6	5	Unk	500-208447-a-18-a		1	☒	RLTABLE	---
69	175	3	7	5	Unk	500-208447-a-19-a		1	☒	RLTABLE	---
70	176	3	8	5	Unk	500-208462-b-3-a		1	☒	RLTABLE	---
71	177	3	9	5	Unk	500-208462-b-4-a		1	☒	RLTABLE	---
72	178	3	10	5	Unk	500-208462-b-5-a		1	☒	RLTABLE	---
73	179	3	11	5	QC	CCV		1	☒	CCV	None
74	180	3	12	5	QC	CCB		1	☒	CCB	None
75	181	4	1	1	Unk	500-208462-b-7-a		1	☒	RLTABLE	---
76	182	4	2	1	Unk	500-208462-b-8-a		1	☒	RLTABLE	---
77	183	4	3	1	Unk	mb 500-629719/1-a		1	☒	RLTABLE	---
78	184	4	4	1	Unk	lcs 500-629719/2-a		1	☒	RLTABLE	---
79	185	4	5	1	Unk	500-208192-a-6-a		1	☒	RLTABLE	---
80	186	4	6	1	Unk	500-208192-a-6-aSD@5		1	☒	RLTABLE	---
81	187	4	7	1	Unk	500-208192-a-6-b du		1	☒	RLTABLE	---
82	188	4	8	1	Unk	500-208192-a-6-c ms		1	☒	RLTABLE	---
83	189	4	9	1	Unk	500-208192-a-6-d msd		1	☒	RLTABLE	---
84	190	4	10	1	Unk	500-208642-e-1-b		1	☒	RLTABLE	---
85	191	4	11	1	QC	CCV		1	☒	CCV	None
86	192	4	12	1	QC	CCB		1	☒	CCB	None
87	220	4	4	4	QC	CCVL		1	☒	CCVLL	None
88	193	4	1	2	Unk	500-208642-e-2-b		1	☒	RLTABLE	---
89	194	4	2	2	Unk	500-208642-f-3-b		1	☒	RLTABLE	---
90	195	4	3	2	Unk	500-208523-f-1-h		1	☒	RLTABLE	---
91	196	4	4	2	Unk	500-208523-f-3-d		1	☒	RLTABLE	---
92	197	4	5	2	Unk	500-208523-f-4-d		1	☒	RLTABLE	---
93	198	4	6	2	Unk	500-208523-f-5-d		1	☒	RLTABLE	---
94	199	4	7	2	Unk	500-208523-f-6-d		1	☒	RLTABLE	---
95	200	4	8	2	Unk	500-208523-f-8-d		1	☒	RLTABLE	---
96	201	4	9	2	Unk	500-208208-d-1-b		1	☒	RLTABLE	---
97	202	4	10	2	Unk	500-208208-c-2-c		1	☒	RLTABLE	---
98	203	4	11	2	QC	CCV		1	☒	CCV	None
99	204	4	12	2	QC	CCB		1	☒	CCB	None
100	221	4	5	4	QC	CCVL		1	☒	CCVLL	None
101	205	4	1	3	Unk	500-208208-d-3-b		1	☒	RLTABLE	---
102	206	4	2	3	Unk	500-208208-c-4-b		1	☒	RLTABLE	---
103	207	4	3	3	Unk	500-208214-e-1-f		1	☒	RLTABLE	---
104	208	4	4	3	Unk	500-208214-e-2-f		1	☒	RLTABLE	---
105	209	4	5	3	Unk	500-208214-e-3-f		1	☒	RLTABLE	---
106	210	4	6	3	Unk	500-208214-e-4-h		1	☒	RLTABLE	---
107	211	4	7	3	Unk	500-208214-e-5-f		1	☒	RLTABLE	---
108	212	4	8	3	Unk	500-208283-a-1-a		1	☒	RLTABLE	---
109	215	4	11	3	QC	CCV		1	☒	CCV	None
110	216	4	12	3	QC	CCB		1	☒	CCB	None
111	217	4	1	4	QC	CCVL		1	☒	CCVLL	None
112	222	4	6	4	Unk	Si		1	☒	RLTABLE	---
113	223	4	7	4	Unk	Al		1	☒	RLTABLE	---
114	224	4	8	4	Unk	Fe		1	☒	RLTABLE	---
115	225	4	9	4	Unk	As		1	☒	RLTABLE	---
116	226	4	10	4	Unk	Va		1	☒	RLTABLE	---
117	227	4	11	4	Unk	Co		1	☒	RLTABLE	---
118	228	4	12	4	Unk	Ti		1	☒	RLTABLE	---
119	229	4	1	5	Unk	Mn		1	☒	RLTABLE	---
120	230	4	2	5	Unk	Ce		1	☒	RLTABLE	---

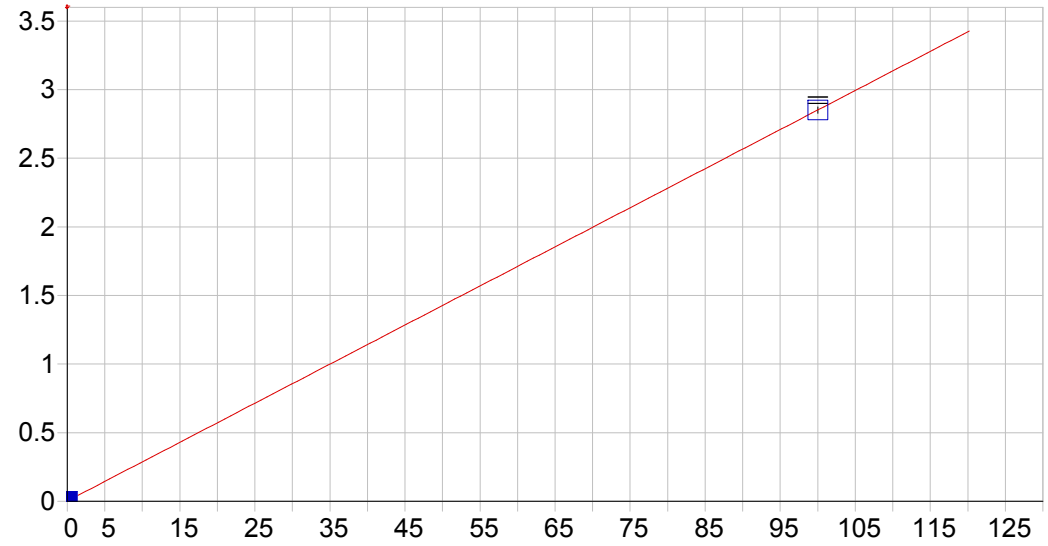


Ag 328.068 {103}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000309	Re-Slope:	1.000000
A1 (Gain):	0.553458	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000918		
Predicted MQL:	0.003060		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00031	.000	1
S1	1.0000	1.0000	.000	.000	.55398	.000	1



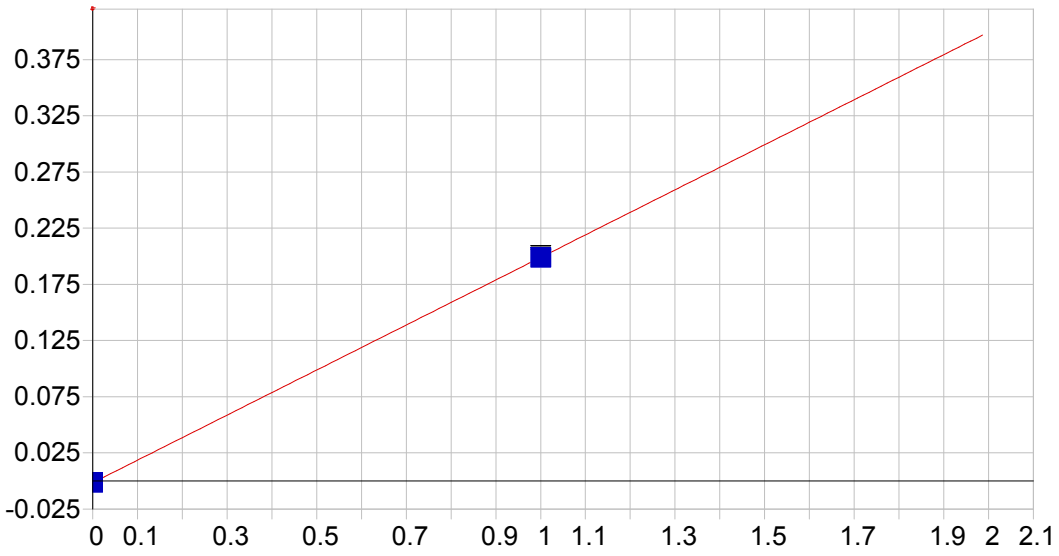
Al 308.215 {109}

Date of Fit:	11/19/2021 20:44:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002314	Re-Slope:	1.000000
A1 (Gain):	0.028495	Y-int:	0.000000
A2 (Curvature):	0.000000		

n (Exponent):		1.000000					
Correlation:		1.000000		Status:	OK.		
Std Error of Est:		0.000000					
Predicted MDL:		0.015017					
Predicted MQL:		0.050056					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00231	.000	1
S2	100.00	100.00	.000	.000	2.8518	.024	1

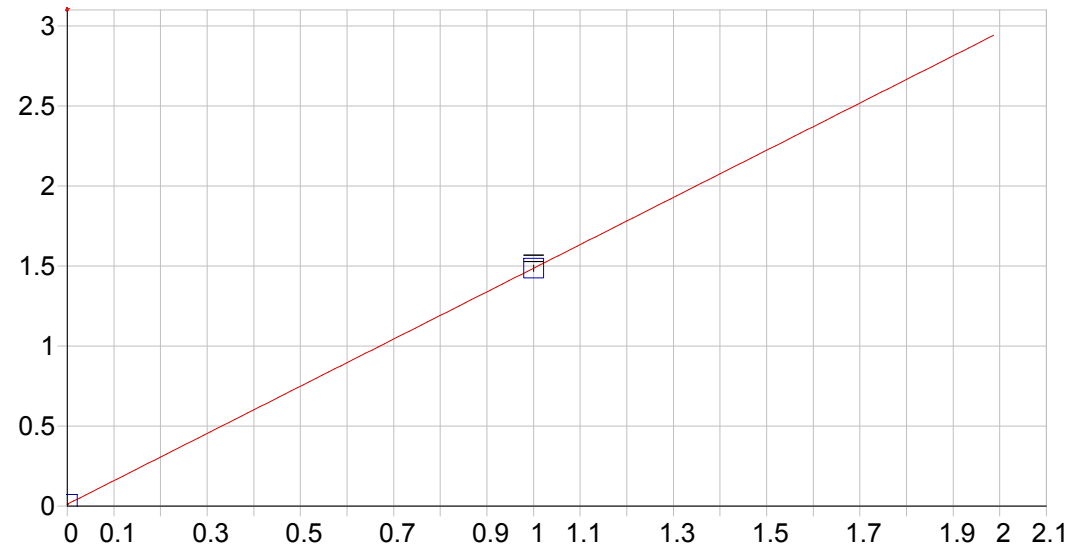


As 189.042 {478}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001492	Re-Slope:	1.000000
A1 (Gain):	0.200510	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.003084		
Predicted MQL:	0.010280		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00149	.000	1
S1	1.0000	1.00000	.000	.000	.19898	.002	1

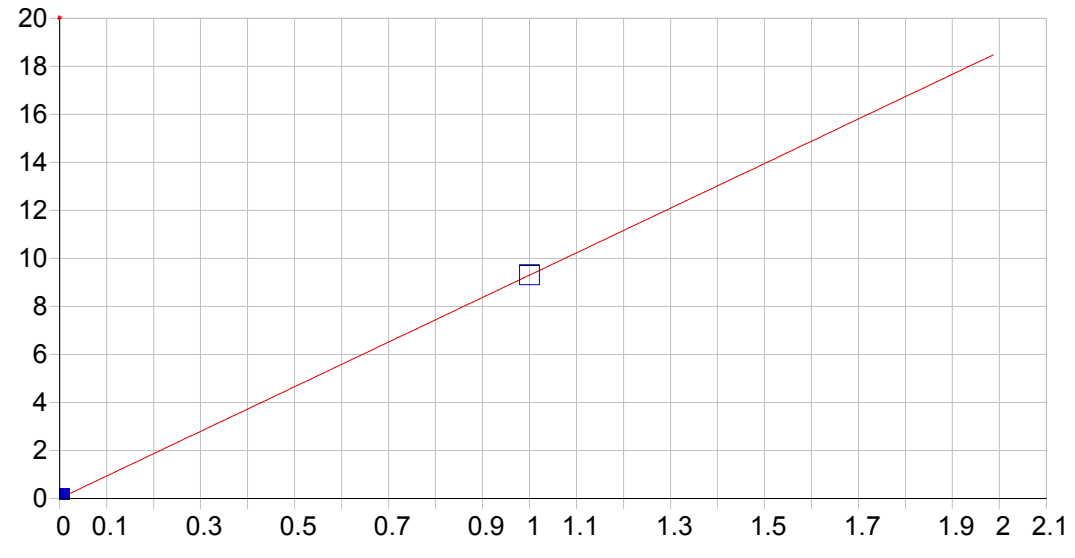


B 208.959 {461}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.011583	Re-Slope:	1.000000
A1 (Gain):	1.474608	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000395		
Predicted MQL:	0.001318		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.01158	.000	1
S1	1.0000	1.0000	.000	.000	1.4862	.020	1



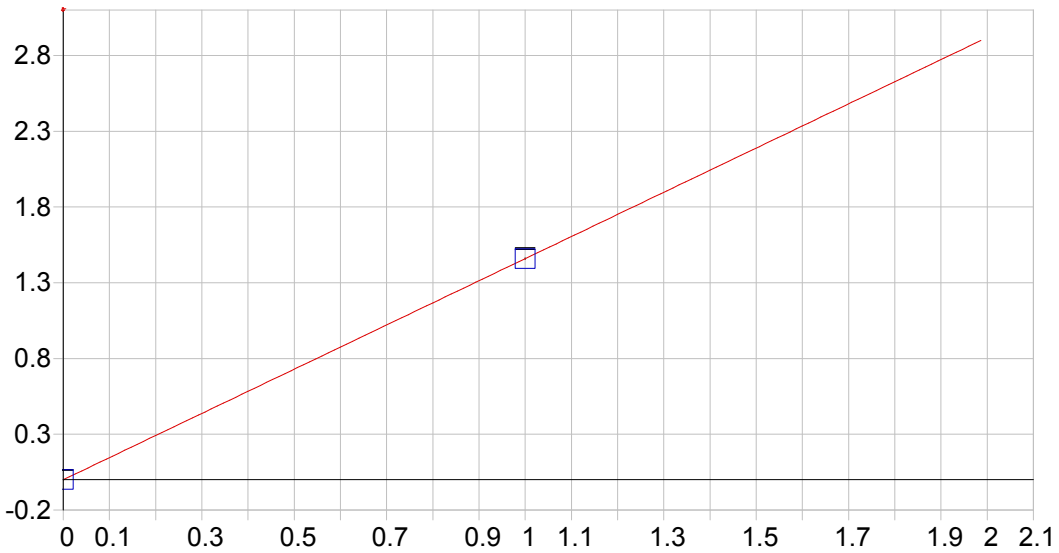
Ba 455.403 { 74}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.007836	Re-Slope:	1.000000
A1 (Gain):	9.296335	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000105		
Predicted MQL:	0.000349		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00784	.000	1
S1	1.0000	1.0000	.000	.000	9.3042	.008	1

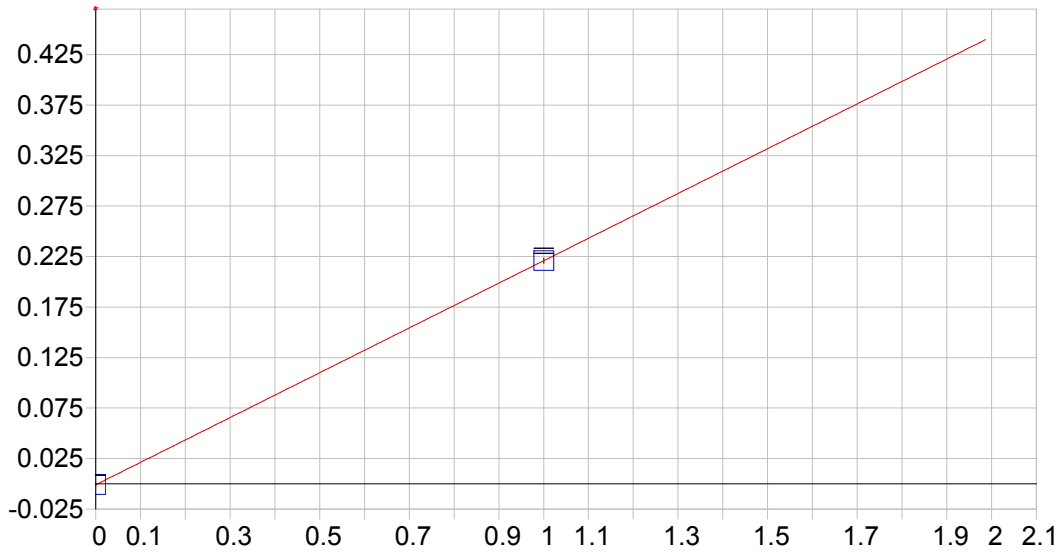


Be 234.861 {143}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000244	Re-Slope:	1.000000
A1 (Gain):	1.459488	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000223		
Predicted MQL:	0.000745		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00024	.000	1
S1	1.0000	1.0000	.000	.000	1.4592	.006	1

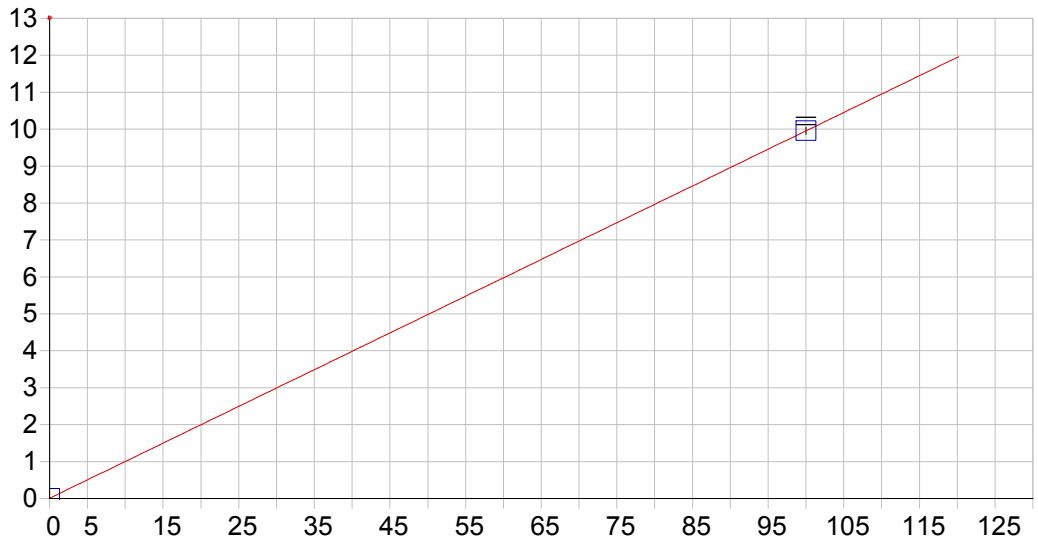


Bi 223.061 {451}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000879	Re-Slope:	1.000000
A1 (Gain):	0.221797	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001853		
Predicted MQL:	0.006176		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00088	.000	1
S1	1.0000	1.0000	.000	.000	.22092	.003	1



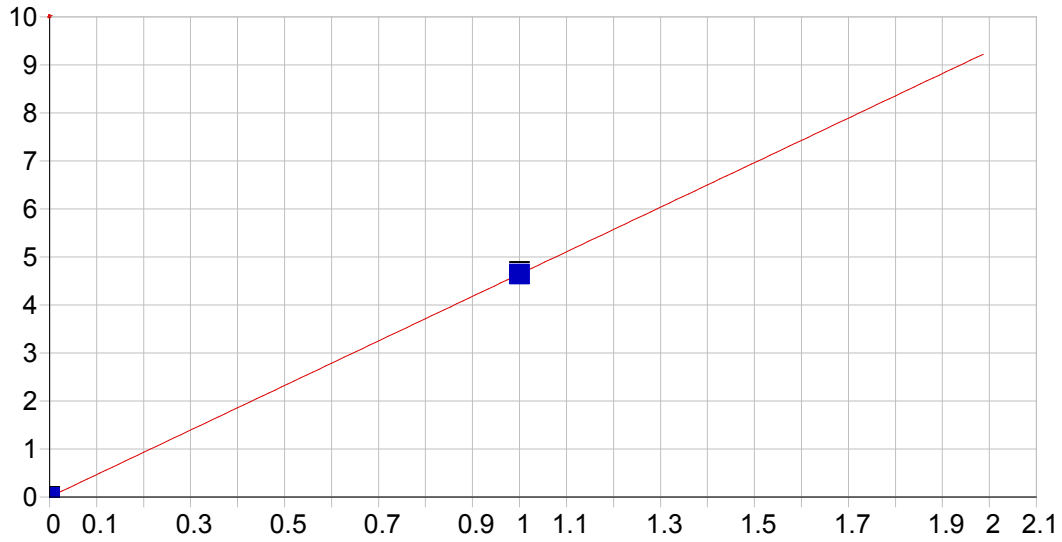
Ca 317.933 {106}

Date of Fit:	11/19/2021 20:44:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.006651	Re-Slope:	1.000000
A1 (Gain):	0.099478	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.003955		
Predicted MQL:	0.013185		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00665	.000	1
S2	100.00	100.000	.000	.000	9.9544	.097	1

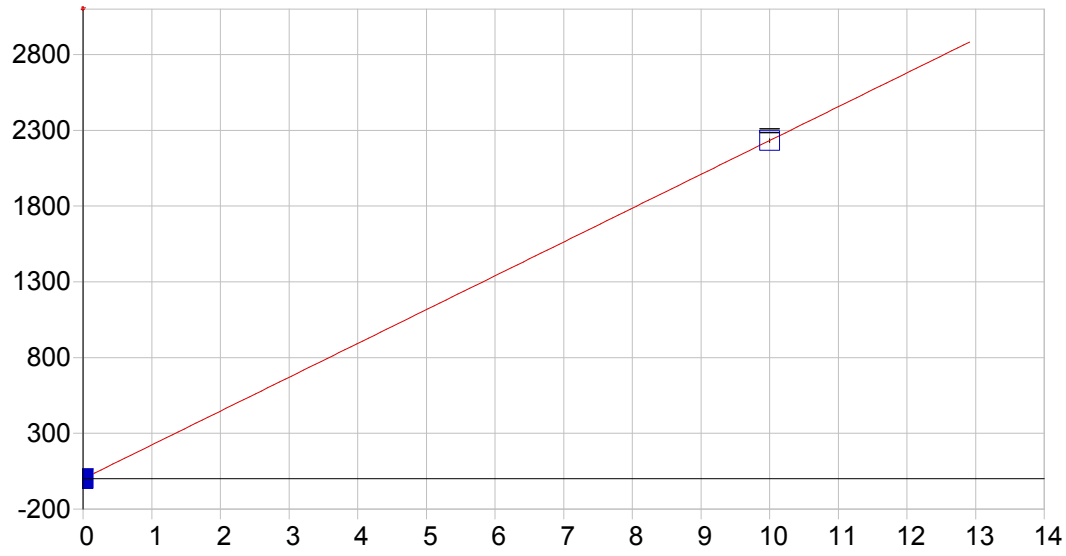


Cd 228.802 {447}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002360	Re-Slope:	1.000000
A1 (Gain):	4.640879	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000207		
Predicted MQL:	0.000690		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00236	.001	1
S1	1.0000	1.0000	.000	.000	4.6534	.038	1

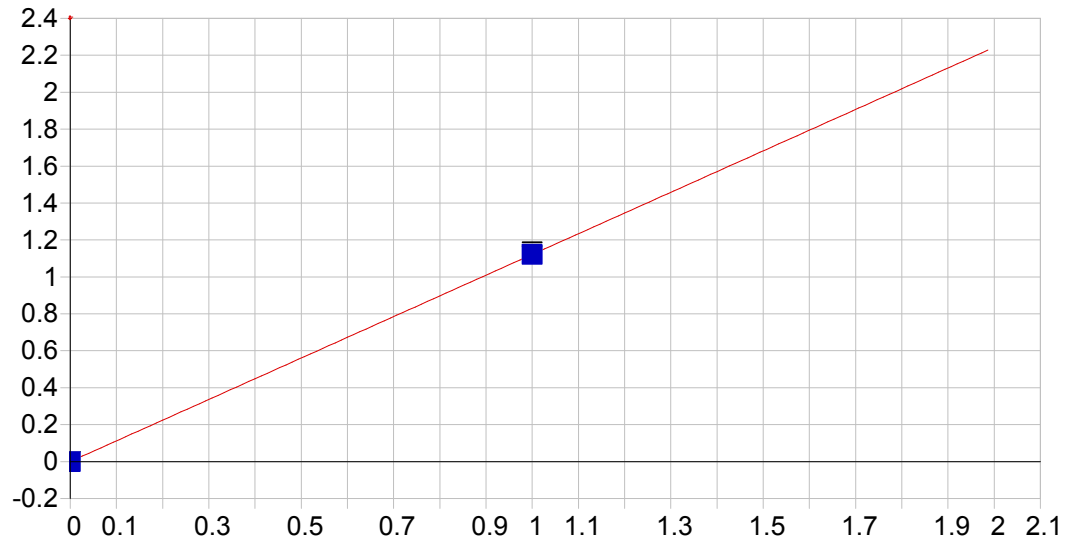


Ce 404.076 { 83}

Date of Fit:	11/19/2021 20:47:58	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.181186	Re-Slope:	1.000000
A1 (Gain):	223.229242	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.016336		
Predicted MQL:	0.054454		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.18119	.555	1
CE	10.000	10.000	.000	.000	2232.5	12.7	1



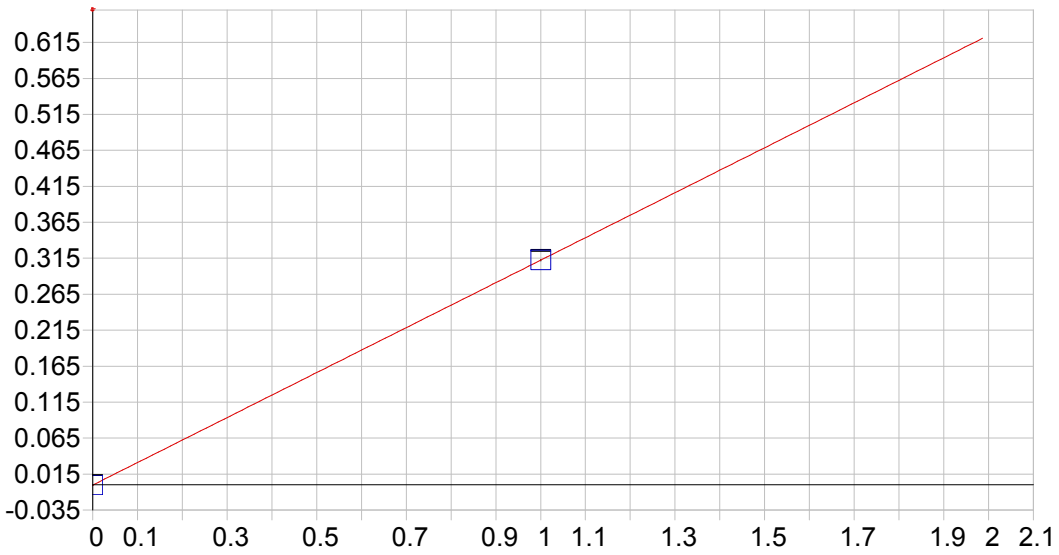
Co 228.616 {447}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000159	Re-Slope:	1.000000
A1 (Gain):	1.121683	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000		Status:	OK.			
Std Error of Est:	0.000000						
Predicted MDL:	0.000392						
Predicted MQL:	0.001308						

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00016	.000	1
S1	1.0000	1.0000	.000	.000	1.1240	.010	1

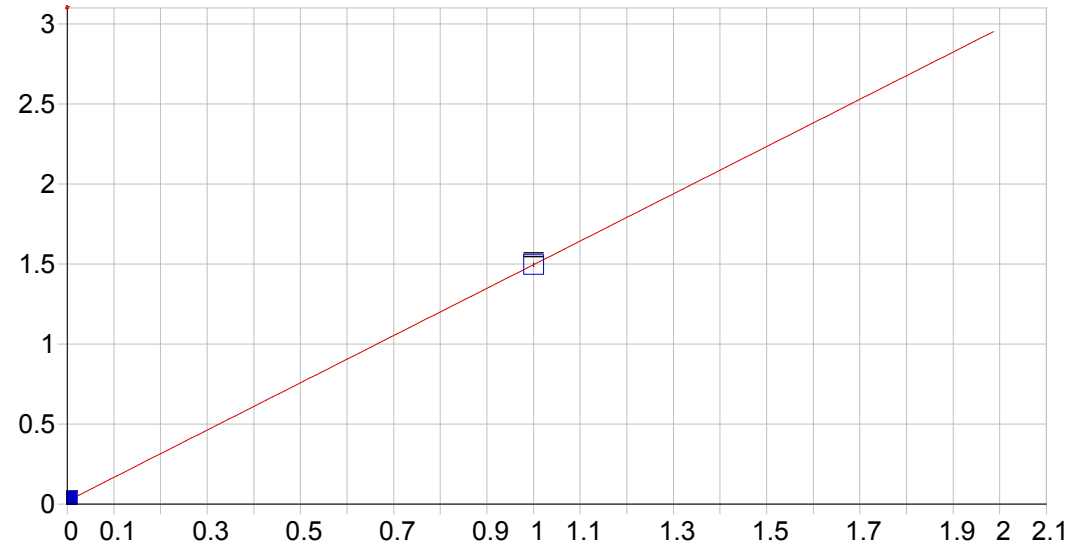


Cr 267.716 {126}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000278	Re-Slope:	1.000000
A1 (Gain):	0.312561	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001276		
Predicted MQL:	0.004252		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00028	.000	1
S1	1.0000	1.0000	.000	.000	.31228	.001	1

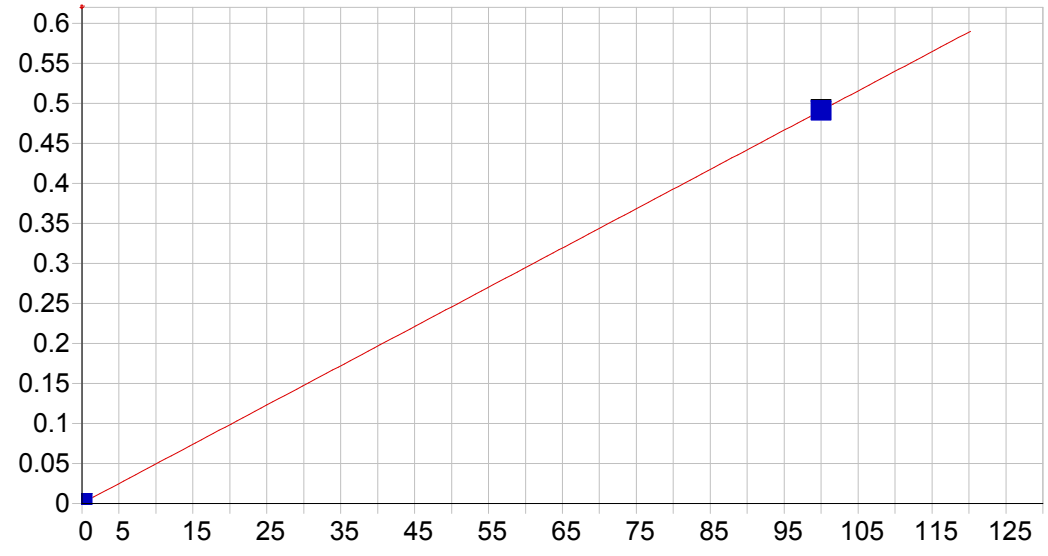


Cu 324.754 {104}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.019470	Re-Slope:	1.000000
A1 (Gain):	1.476297	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000351		
Predicted MQL:	0.001170		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.01947	.000	1
S1	1.0000	1.0000	.000	.000	1.4958	.011	1



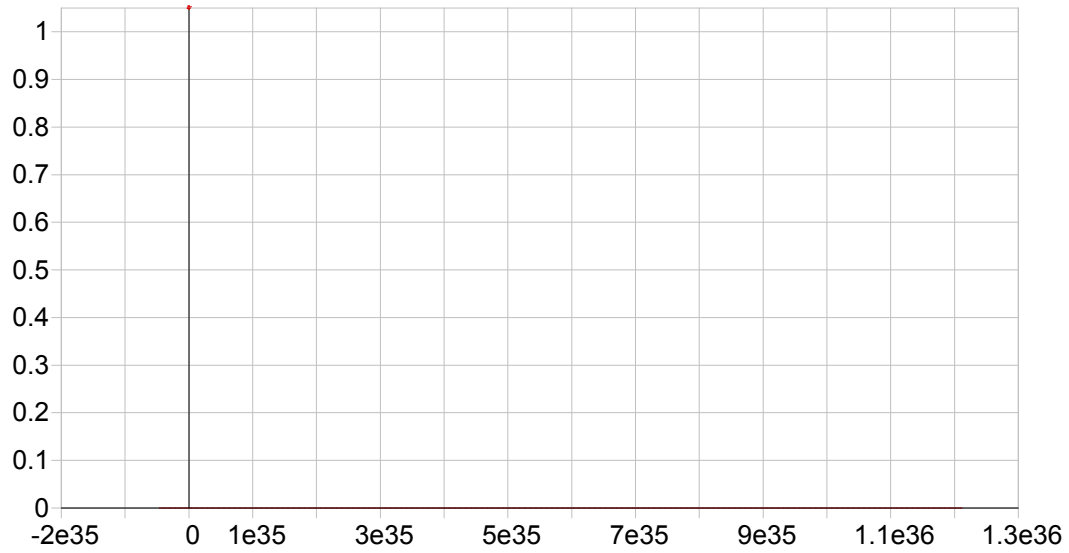
Fe 271.441 {124}

Date of Fit:	11/19/2021 20:44:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000388	Re-Slope:	1.000000
A1 (Gain):	0.004907	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000		Status:	OK.
Std Error of Est:	0.000000			
Predicted MDL:	0.066691			
Predicted MQL:	0.222304			

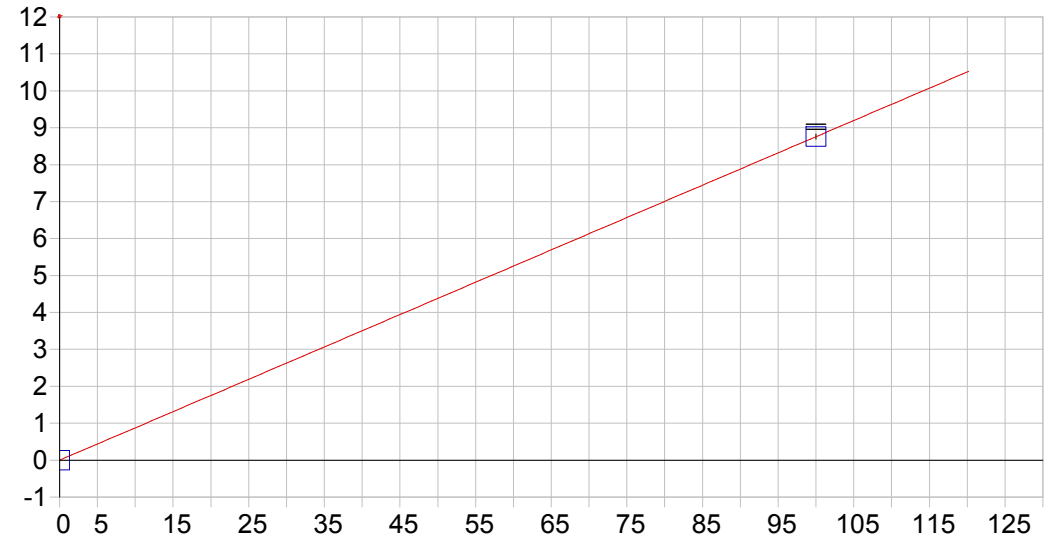
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00039	.000	1
S2	100.00	100.00	.000	.000	.49110	.001	1



In 230.606 {446}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a					
Predicted MQL:	n/a					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

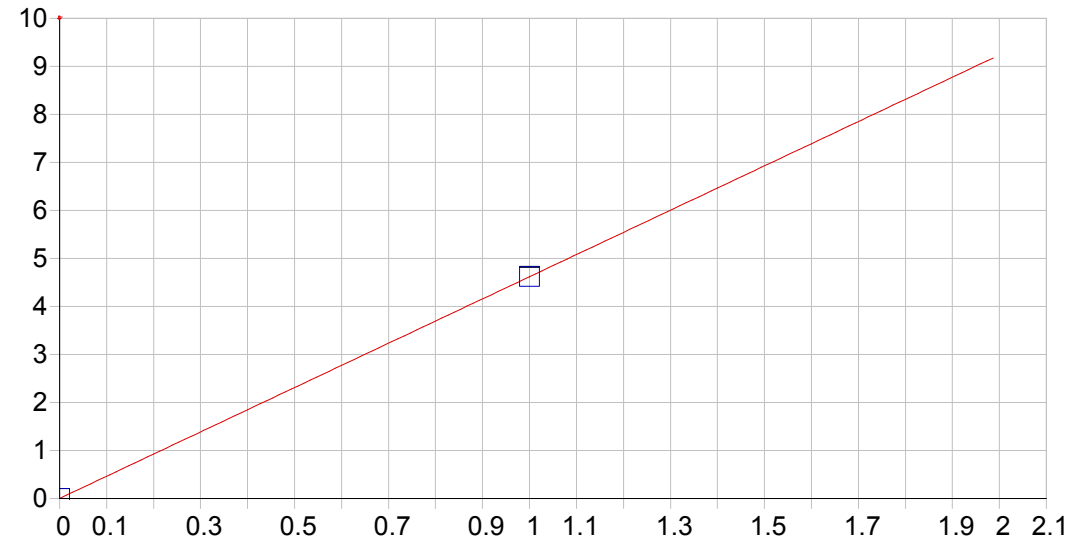


K 766.490 { 44}

Date of Fit:	11/19/2021 20:44:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000233	Re-Slope:	1.000000
A1 (Gain):	0.087588	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.016970		
Predicted MQL:	0.056566		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00023	.001	1
S2	100.00	100.00	.000	.000	8.7586	.072	1



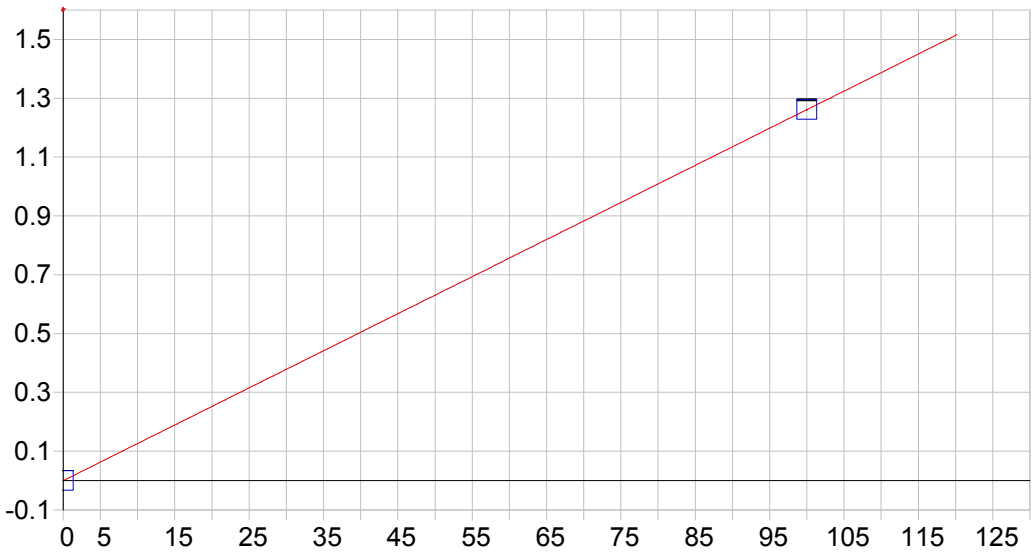
Li 670.784 { 50}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002062	Re-Slope:	1.000000
A1 (Gain):	4.617320	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000302		
Predicted MQL:	0.001006		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00206	.000	1
S1	1.0000	1.0000	.000	.000	4.6194	.005	1

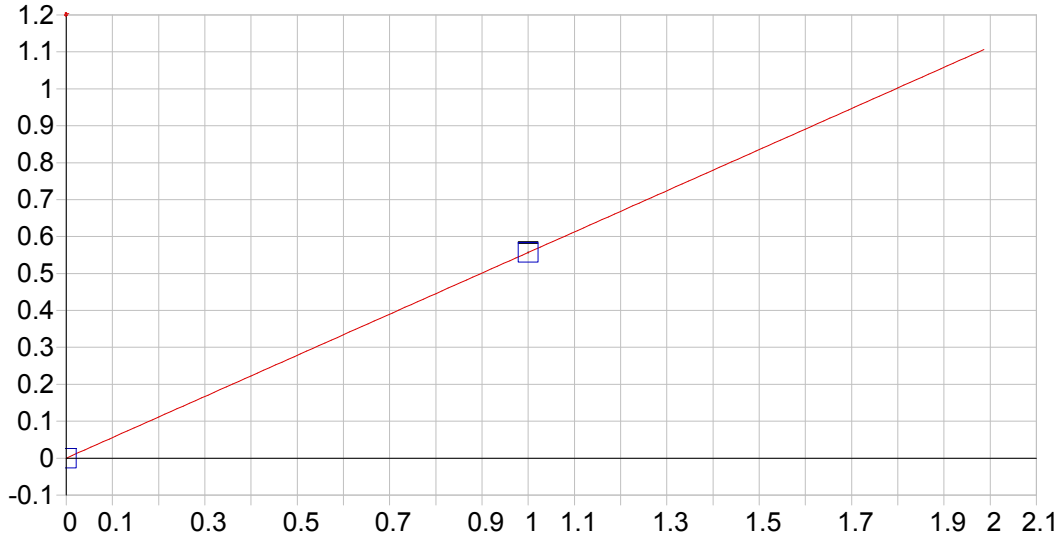


Mg 279.079 {121}

Date of Fit:	11/19/2021 20:44:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000137	Re-Slope:	1.000000
A1 (Gain):	0.012613	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.019932		
Predicted MQL:	0.066439		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00014	.000	1
S2	100.00	100.00	.000	.000	1.2611	.003	1

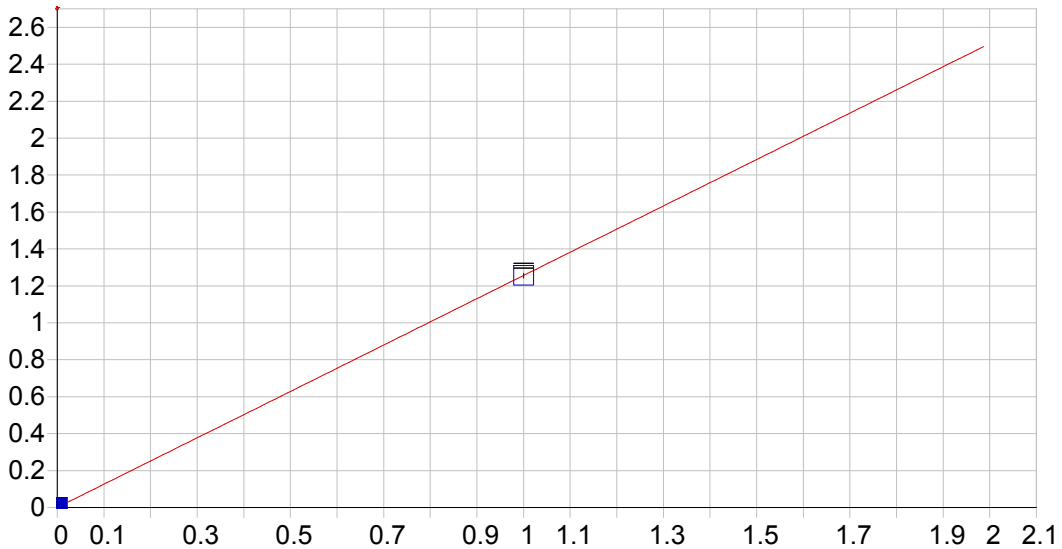


Mn 257.610 {131}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000043	Re-Slope:	1.000000
A1 (Gain):	0.556853	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000507		
Predicted MQL:	0.001690		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00004	.000	1
S1	1.0000	1.0000	.000	.000	.55690	.002	1



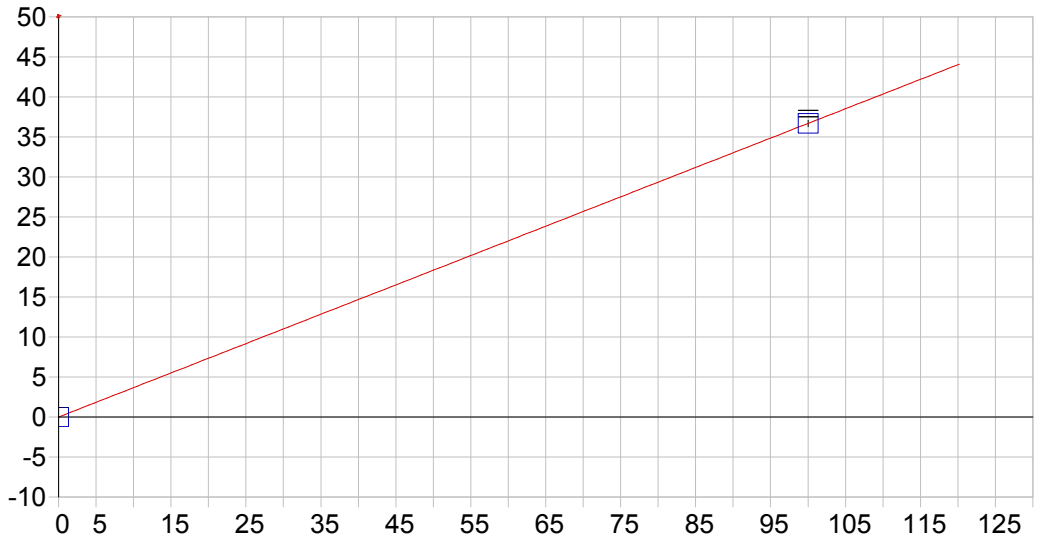
Mo 202.030 {467}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000519	Re-Slope:	1.000000
A1 (Gain):	1.255707	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:		1.000000		Status:	OK.		
Std Error of Est:		0.000000					
Predicted MDL:		0.000514					
Predicted MQL:		0.001713					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00052	.000	1
S1	1.0000	1.0000	.000	.000	1.2562	.013	1

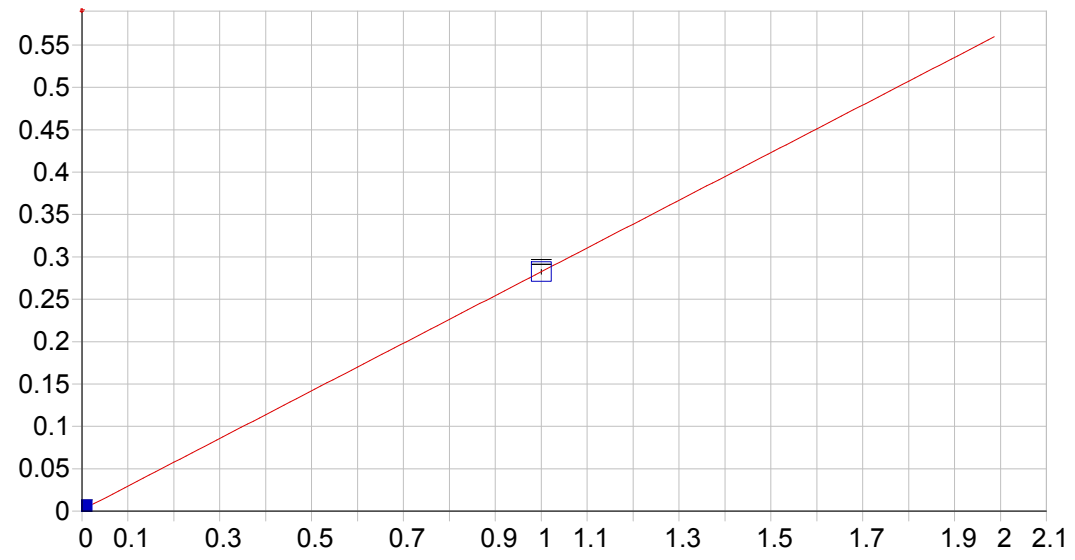


Na 589.592 { 57}

Date of Fit:	11/19/2021 20:44:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000268	Re-Slope:	1.000000
A1 (Gain):	0.366843	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.003621		
Predicted MQL:	0.012070		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00027	.000	1
S2	100.00	100.00	.000	.000	36.685	.409	1

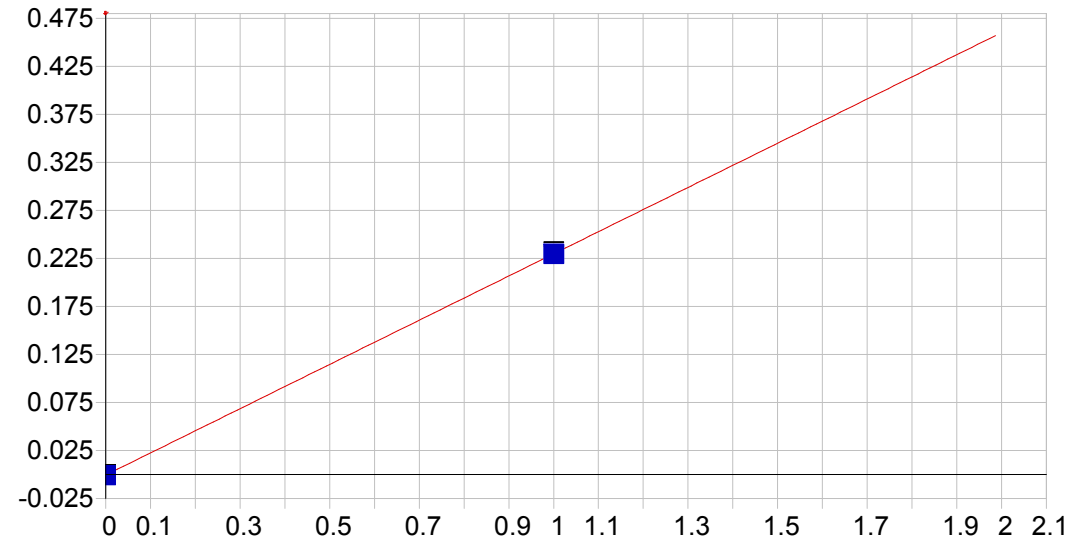


Ni 231.604 {446}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001404	Re-Slope:	1.000000
A1 (Gain):	0.281019	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001202		
Predicted MQL:	0.004007		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00140	.000	1
S1	1.0000	1.0000	.000	.000	.28242	.003	1



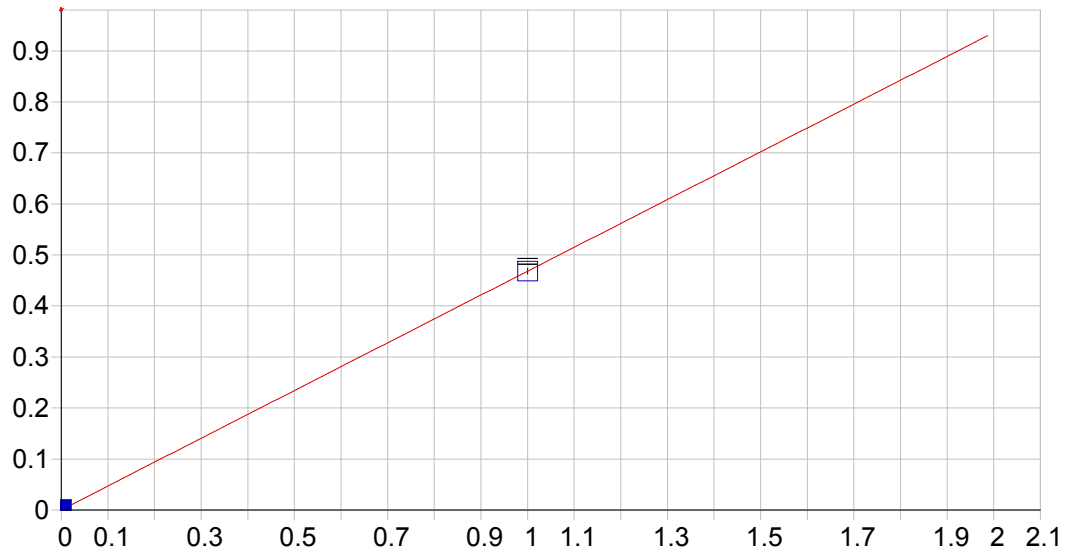
Pb 220.353 {453}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000569	Re-Slope:	1.000000
A1 (Gain):	0.230369	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000		Status:	OK.	
Std Error of Est:	0.000000				
Predicted MDL:	0.001955				
Predicted MQL:	0.006517				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00057	.000	1
S1	1.0000	1.00000	.000	.000	.22975	.002	1

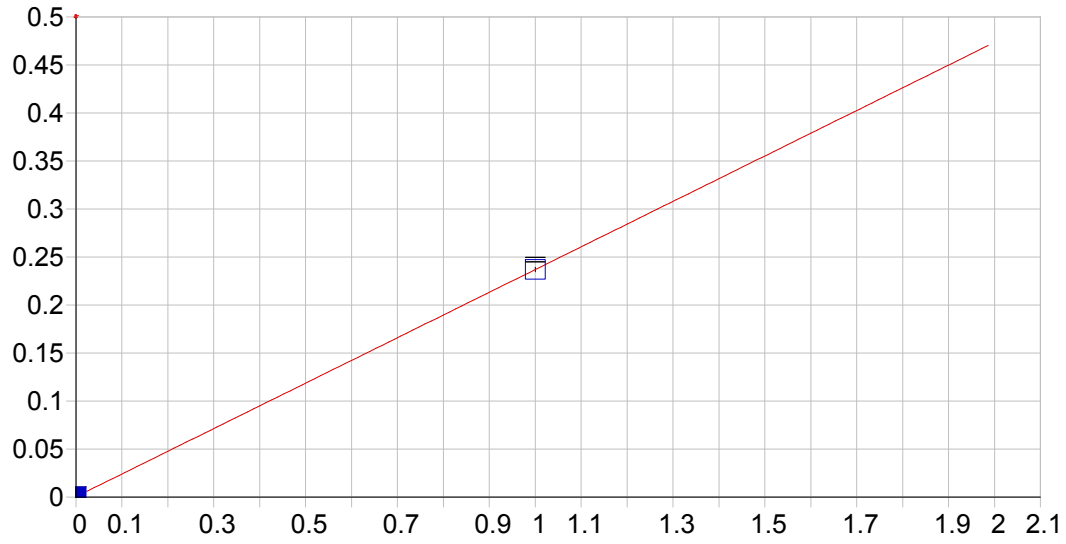


Sb 206.833 {463}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000317	Re-Slope:	1.000000
A1 (Gain):	0.467787	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001821		
Predicted MQL:	0.006069		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00032	.000	1
S1	1.0000	1.0000	.000	.000	.46810	.005	1

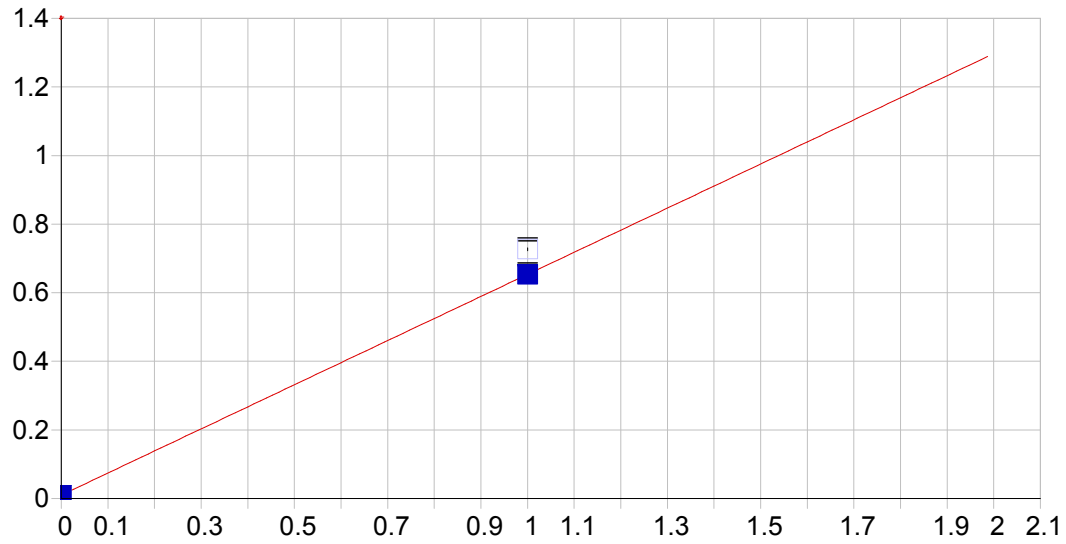


Se 196.090 {472}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000400	Re-Slope:	1.000000
A1 (Gain):	0.236561	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.002816		
Predicted MQL:	0.009387		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00040	.000	1
S1	1.0000	1.0000	.000	.000	.23696	.002	1



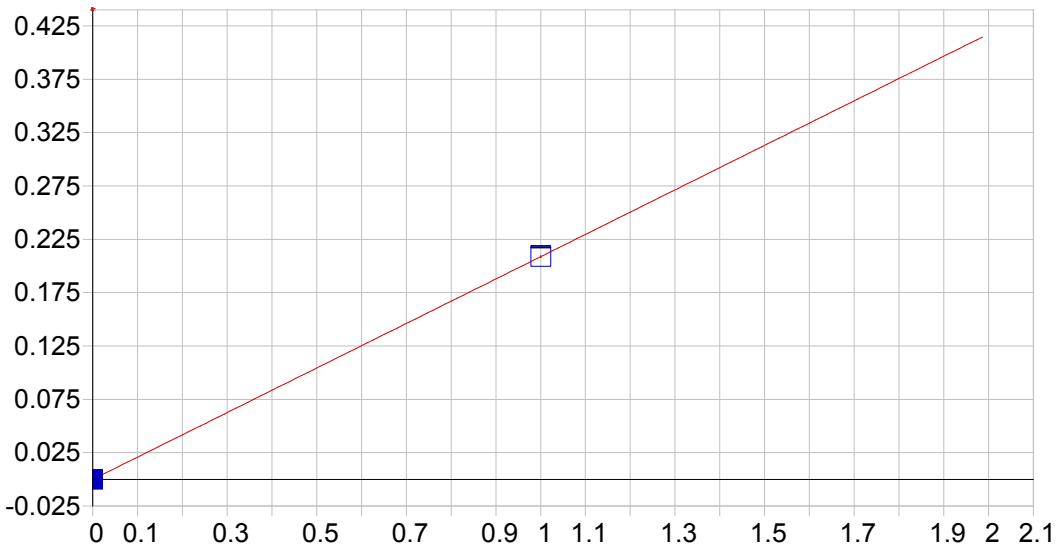
Si 212.412 {459}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.009900	Re-Slope:	1.000000
A1 (Gain):	0.643644	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000806		
Predicted MQL:	0.002685		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00990	.000	1
S1	1.0000	1.00000	.000	.000	.72679	.004	1

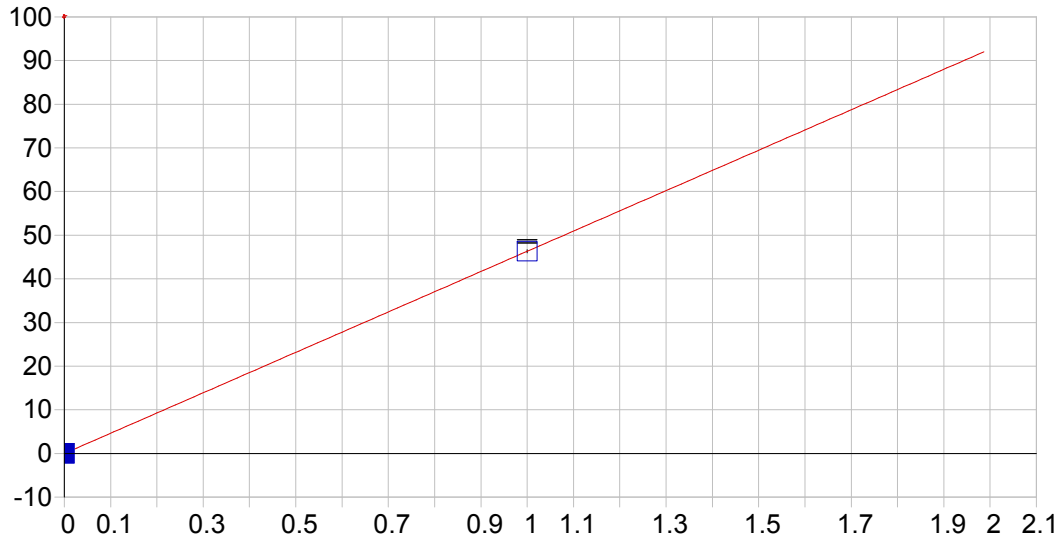


Sn 189.989 {477}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000038	Re-Slope:	1.000000
A1 (Gain):	0.208733	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001791		
Predicted MQL:	0.005970		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00004	.000	1
S1	1.0000	1.0000	.000	.000	.20870	.001	1

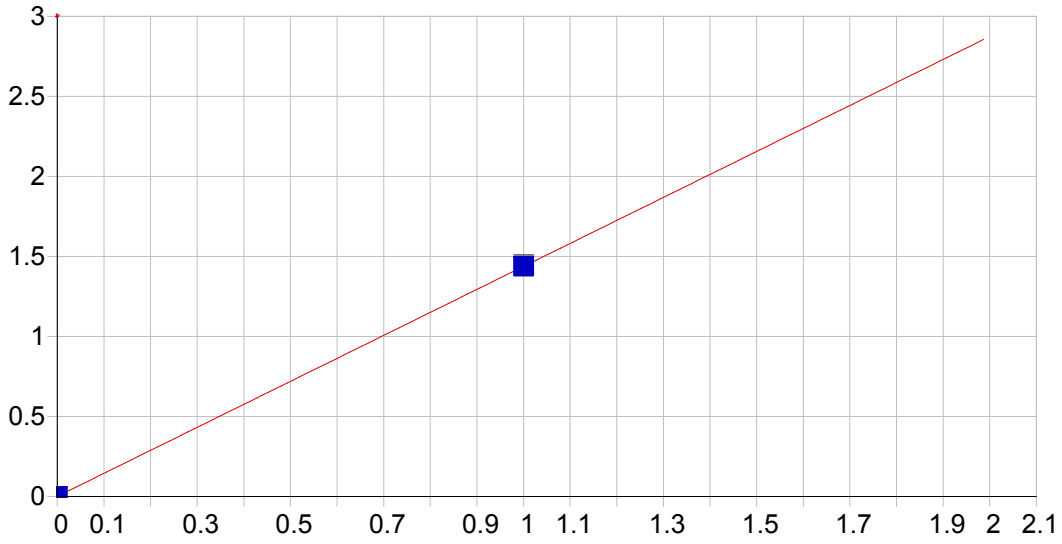


Sr 421.552 { 80}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000381	Re-Slope:	1.000000
A1 (Gain):	46.314895	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000014		
Predicted MQL:	0.000048		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00038	.000	1
S1	1.0000	1.0000	.000	.000	46.315	.384	1



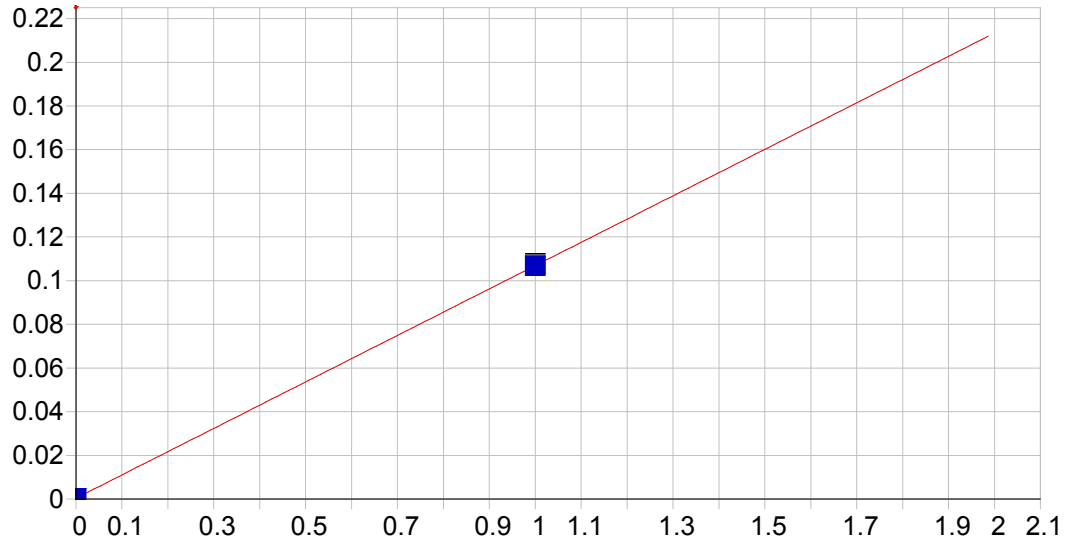
Ti 334.941 {101}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000935	Re-Slope:	1.000000
A1 (Gain):	1.436741	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000		Status:	OK.			
Std Error of Est:	0.000000						
Predicted MDL:	0.000243						
Predicted MQL:	0.000811						

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00093	.000	1
S1	1.0000	1.0000	.000	.000	1.4426	.003	1

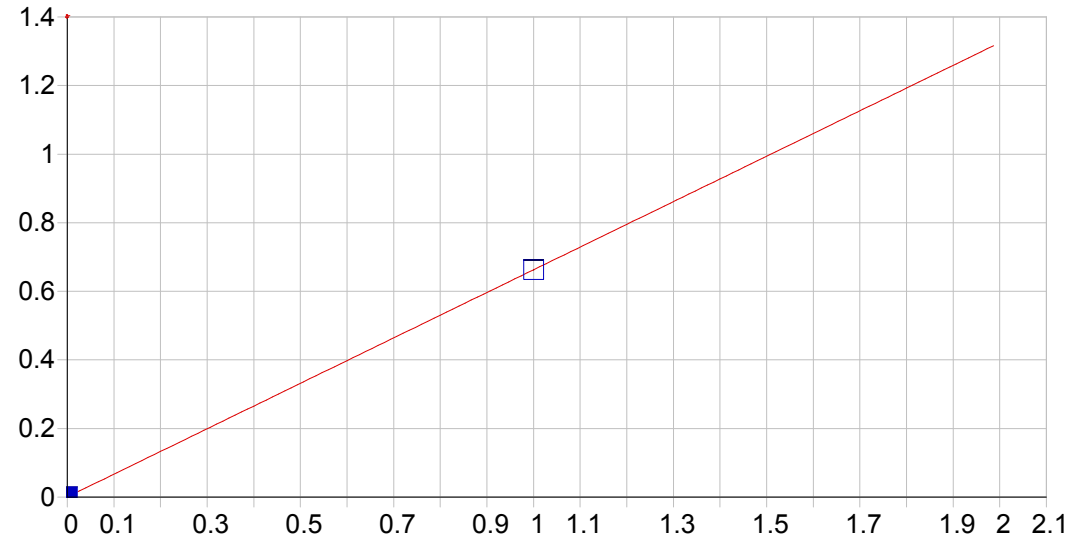


Tl 190.856 {477}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000386	Re-Slope:	1.000000
A1 (Gain):	0.106492	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.002395		
Predicted MQL:	0.007983		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00039	.000	1
S1	1.0000	1.0000	.000	.000	.10714	.001	1

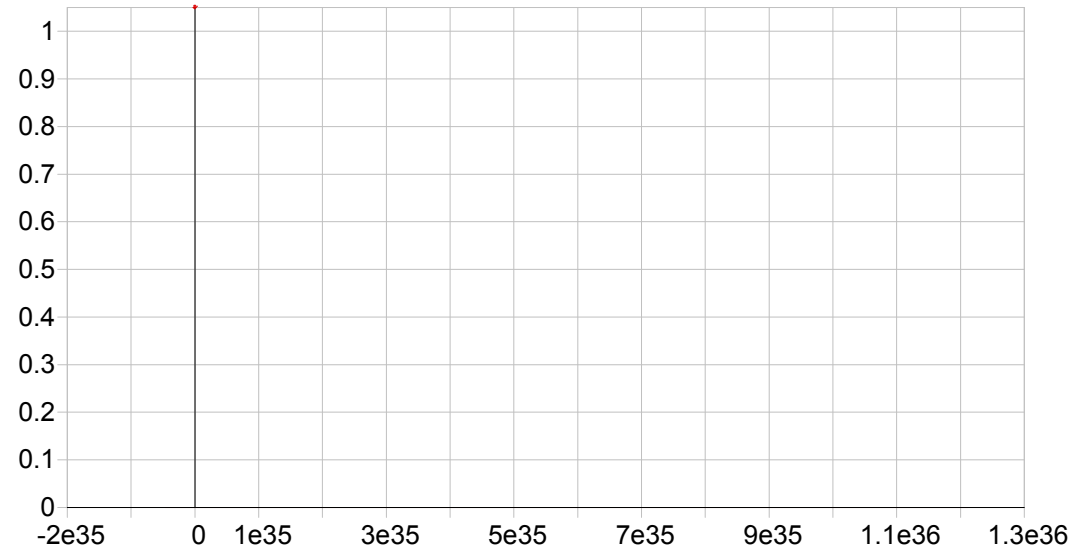


V 292.402 {115}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000627	Re-Slope:	1.000000
A1 (Gain):	0.662190	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000744		
Predicted MQL:	0.002480		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00063	.000	1
S1	1.0000	1.0000	.000	.000	.66282	.001	1



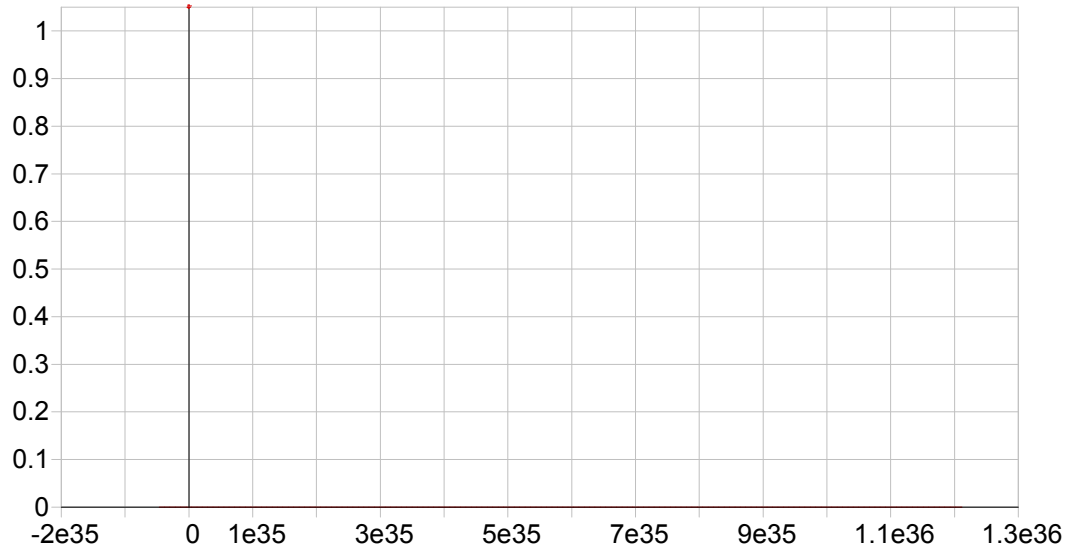
Y 224.306 {450}*

Date of Fit:	1/27/2021 10:00:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

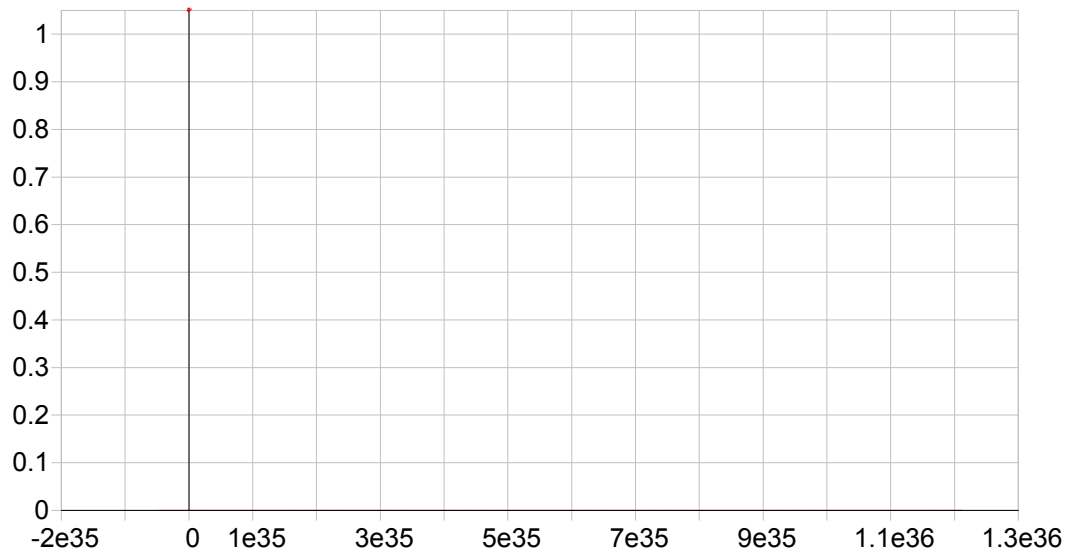
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 360.073 { 94}*

Date of Fit:	1/27/2021 10:00:12	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

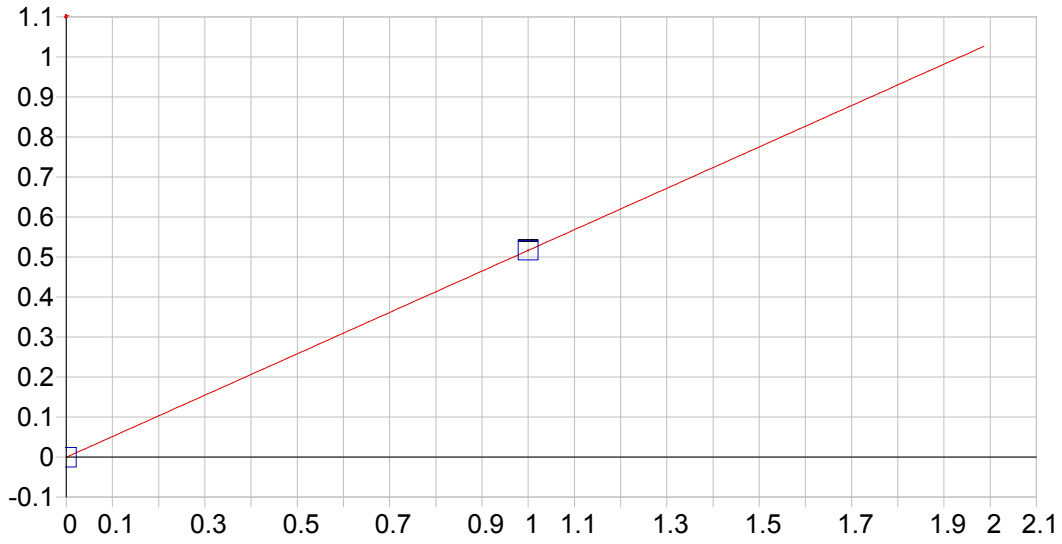


Y 371.030 { 91}*

Date of Fit:	1/27/2021 10:00:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Zn 206.200 {463}

Date of Fit:	11/19/2021 20:41:04	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000478	Re-Slope:	1.000000
A1 (Gain):	0.517012	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000638		
Predicted MQL:	0.002127		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00048	.000	1
S1	1.0000	1.0000	.000	.000	.51653	.002	1

Sample Name: Blank Acquired: 11/19/2021 20:34:42 Type: Cal
Method: P6111921B Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00031**	**.00231**	**-.00149**	**.01158**	**.00784**	**-.00024**	**-.00088**
Stddev	.00021	.00012	.00034	.00030	.00022	.00021	.00024
%RSD	67.784	5.3465	22.585	2.6208	2.8693	86.762	26.877
#1	.00046	.00240	-.00173	.01180	.00799	-.00009	-.00105
#2	.00016	.00223	-.00125	.01137	.00768	-.00039	-.00071

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00665**	**.0024**	**.1812**	**-.00016**	**-.00028**	**.01947**	**.00039**
Stddev	.00031	.0012	.5550	.00007	.00034	.00006	.00013
%RSD	4.7070	50.21	306.3	46.336	123.77	.29198	32.791
#1	.00687	.0032	.5736	-.00011	-.00052	.01951	.00030
#2	.00643	.0015	-.2113	-.00021	-.00003	.01943	.00048

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00023**	**.0021**	**-.00014**	**.00004**	**.00052**	**.00027**	**.00140**
Stddev	.00136	.0002	.00001	.00005	.00007	.00035	.00005
%RSD	585.15	7.657	6.4054	123.75	13.123	131.06	3.7449
#1	-.00120	.0020	-.00013	.00008	.00057	.00002	.00137
#2	.00073	.0022	-.00014	.00001	.00047	.00052	.00144

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00057**	**.00032**	**.00040**	**.00990**	**-.00004**	**-.00038**	**.00093**
Stddev	.00045	.00029	.00020	.00025	.00014	.00036	.00018
%RSD	79.186	90.281	49.774	2.5575	366.00	94.659	19.339
#1	-.00089	.00052	.00026	.01008	.00006	-.00064	.00106
#2	-.00025	.00011	.00054	.00972	-.00014	-.00013	.00081

Elem	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S
Avg	**.00039**	**.00063**	**-.00048**
Stddev	.00011	.00036	.00023
%RSD	27.343	57.732	47.530
#1	.00046	.00037	-.00064
#2	.00031	.00088	-.00032

Sample Name: Blank Acquired: 11/19/2021 20:34:42 Type: Cal
Method: P6111921B Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2111.5	978.18	6694.9	5212.6
Stddev	71.4	53.44	134.1	122.1
%RSD	3.3834	5.4627	2.0037	2.3423
#1	2162.0	1016.0	6789.8	5298.9
#2	2061.0	940.40	6600.1	5126.3

Sample Name: S1 Acquired: 11/19/2021 20:37:58 Type: Cal
Method: P6111921B Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	As1890	B_2089	Ba4554	Be2348	Bi2230	Cd2288	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.55398	.19898	1.4862	9.3042	1.4592	.22092	4.653	1.1240
Stddev	.00032	.00171	.0200	.0081	.0059	.00255	.038	.0102
%RSD	.05711	.85967	1.3488	.08743	.40237	1.1545	.8089	.90503
#1	.55420	.19777	1.4720	9.3099	1.4634	.21912	4.627	1.1168
#2	.55376	.20019	1.5004	9.2984	1.4551	.22272	4.680	1.1312

Elem	Cr2677	Cu3247	Li6707	Mn2576	Mo2020	Ni2316	Pb2203	Sb2068
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.31228	1.4958	4.619	.55690	1.2562	.28242	.22975	.46810
Stddev	.00116	.0114	.004	.00208	.0130	.00277	.00199	.00549
%RSD	.37001	.75857	.0978	.37269	1.0313	.98236	.86676	1.1734
#1	.31310	1.4877	4.616	.55836	1.2471	.28046	.22834	.46422
#2	.31147	1.5038	4.623	.55543	1.2654	.28438	.23116	.47199

Elem	Se1960	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.23696	.72679	.20870	46.315	1.4426	.10714	.66282	.51653
Stddev	.00233	.00416	.00098	.384	.0027	.00075	.00093	.00190
%RSD	.98185	.57281	.46990	.82980	.18903	.69729	.13974	.36750
#1	.23532	.72385	.20800	46.043	1.4407	.10661	.66347	.51519
#2	.23861	.72974	.20939	46.586	1.4445	.10767	.66216	.51788

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1957.0	889.68	5677.7	4373.0
Stddev	17.3	9.52	44.3	18.0
%RSD	.88488	1.0703	.78085	.41264
#1	1969.3	896.41	5709.1	4360.2
#2	1944.8	882.95	5646.4	4385.7

Sample Name: S2 Acquired: 11/19/2021 20:41:10 Type: Cal
Method: P6111921B Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3082	Ca3179	Fe2714	K_7664	Mg2790	Na5895
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2.8518**	**9.9544**	**.49110**	**8.7586**	**1.2611**	**36.685**
Stddev	.0236	.0967	.00105	.0718	.0027	.409
%RSD	.82588	.97150	.21428	.81957	.21088	1.1141
#1	2.8351	10.023	.49185	8.7078	1.2592	36.396
#2	2.8685	9.8860	.49036	8.8093	1.2630	36.974

Int. Std.	Y_3710
Units	Cts/S
Avg	**4244.3**
Stddev	3.4
%RSD	.07941
#1	4241.9
#2	4246.7

Sample Name: CE Acquired: 11/19/2021 20:44:26 Type: Cal
Method: P6111921B Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ce4040
Units	Cts/S
Avg	2232.
Stddev	13.
%RSD	.5695
#1	2223.
#2	2241.

Sample Name: S1 Acquired: 11/19/2021 20:48:03 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment: P6111921C

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.010836**	**.0174363**	**.9973069**	**.9922099**	**.9952002**	**1.018478**
Stddev	.008679	.0040452	.0117958	.0164720	.0063599	.007706
%RSD	.8586153	23.19970	1.182766	1.660137	.6390563	.7566215
#1	1.016973	.0145760	.9889660	.9805624	.9996973	1.023927
#2	1.004699	.0202967	1.005648	1.003857	.9907031	1.013029
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9922815**	**.0045805**	**.9944528**	F **.1280920**	**.9935627**	**1.007634**
Stddev	.0069106	.0033233	.0135066	.0058777	.0070754	.010691
%RSD	.6964350	72.55403	1.358198	4.588624	.7121255	1.060983
#1	.9873949	.0069304	.9849021	.1322482	.9885596	1.015194
#2	.9971680	.0022305	1.004003	.1239359	.9985658	1.000075
Check ?	Chk Pass	None	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				1.000000		
Range				-5.00000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9926906**	**.0673936**	**-.006674**	**.9887894**	**-.018706**	**1.010771**
Stddev	.0105103	.0197833	.009570	.0087783	.013035	.004180
%RSD	1.058764	29.35485	143.4002	.8877862	69.68404	.4135182
#1	.9852587	.0534047	-.013441	.9949967	-.009489	1.013726
#2	1.000123	.0813825	.000093	.9825822	-.027923	1.007815
Check ?	Chk Pass	None	None	Chk Pass	None	Chk Pass
Value						
Range						

Sample Name: S1 Acquired: 11/19/2021 20:48:03 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment: P6111921C

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9941431	.0154364	.9933778	.9979950	.9919472	.9912016
Stddev	.0105985	.0012333	.0058518	.0066989	.0135251	.0113724
%RSD	1.066091	7.989733	.5890856	.6712383	1.363486	1.147332
#1	.9866489	.0145643	.9892399	.9932581	.9823835	.9831601
#2	1.001637	.0163085	.9975157	1.002732	1.001511	.9992431
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9630259	.9892270	1.000596	.9987889	.9899970	1.000705
Stddev	.0150354	.0054400	.007634	.0020094	.0071118	.007836
%RSD	1.561264	.5499284	.7629224	.2011848	.7183667	.7830411
#1	.9523943	.9853803	1.005994	1.000210	.9849682	1.006246
#2	.9736575	.9930737	.995198	.997368	.9950258	.995164
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.9936831
Stddev	.0040592
%RSD	.4084952
#1	.9908129
#2	.9965534
Check ?	Chk Pass
Value	
Range	

Sample Name: S1 Acquired: 11/19/2021 20:48:03 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment: P6111921C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1959.820	891.3615	5714.919	4351.564
Stddev	9.190	9.2525	19.808	39.806
%RSD	.4688983	1.038014	.3465942	.9147530
#1	1966.318	897.9040	5728.925	4323.417
#2	1953.322	884.8190	5700.913	4379.712

Sample Name: S2 Acquired: 11/19/2021 20:51:12 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000376**	**100.9225**	**-.000994**	**.0016868**	**.0016133**	**.0010636**	**.0042970**
Stddev	.000033	2.0723	.001656	.0004499	.0000128	.0000064	.0000297
%RSD	8.817658	2.053358	166.7107	26.67429	.7914236	.5990356	.6905952
#1	-.000399	99.4571	-.002165	.0020050	.0016224	.0010591	.0042760
#2	-.000353	102.3878	.000178	.0013686	.0016043	.0010681	.0043180
Check ?	None	Chk Pass	None	None	None	None	None
Value							
Range							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**99.47307**	**.0002973**	**.0314524**	**-.000213**	**-.000724**	**.0011588**	**100.3659**
Stddev	.15994	.0003503	.0146336	.000150	.000234	.0001127	.3962
%RSD	.1607904	117.8322	46.52631	70.32278	32.26471	9.729028	.3948006
#1	99.58617	.0005450	.0211049	-.000319	-.000559	.0012385	100.0857
#2	99.35997	.0000496	.0418000	-.000107	-.000889	.0010790	100.6460
Check ?	Chk Pass	None	None	None	None	None	Chk Pass
Value							
Range							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**99.75428**	**.0006499**	**100.4692**	**.0007220**	**-.000717**	**100.0262**	**.0007433**
Stddev	2.38608	.0000803	1.1737	.0004463	.000070	2.8474	.0000917
%RSD	2.391959	12.34942	1.168180	61.80667	9.742327	2.846653	12.33047
#1	98.06707	.0007066	99.6393	.0004065	-.000668	98.0127	.0008081
#2	101.4415	.0005931	101.2991	.0010376	-.000766	102.0396	.0006785
Check ?	Chk Pass	None	Chk Pass	None	None	Chk Pass	None
Value							
Range							

Sample Name: S2 Acquired: 11/19/2021 20:51:12 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002161	.0001723	-.000936	.0037569	.0043727	.0005664	.0037969
Stddev	.000482	.0018067	.004405	.0009452	.0018279	.0000348	.0002293
%RSD	22.28092	1048.724	470.6644	25.15942	41.80198	6.142855	6.038655
#1	-.002502	.0014498	.002179	.0044253	.0030802	.0005910	.0039590
#2	-.001821	-.001105	-.004051	.0030885	.0056652	.0005418	.0036348
Check ?	None	None	None	None	None	None	None
Value							
Range							

Elem	TI1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0048798	-.000495	.0001796
Stddev	.0008334	.001777	.0011233
%RSD	17.07814	359.0126	625.3598
#1	.0042905	.000762	.0009740
#2	.0054691	-.001752	-.000615
Check ?	None	None	None
Value			
Range			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1545.153	805.8310	5240.841	4199.265
Stddev	21.460	11.6400	3.172	34.661
%RSD	1.388876	1.444467	.0605200	.8253958
#1	1560.328	814.0617	5238.599	4223.774
#2	1529.978	797.6003	5243.084	4174.757

Sample Name: ICV Acquired: 11/19/2021 20:54:26 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3885784**	**38.69284**	**.4033547**	**.4097481**	**.4050391**	**.4080381**
Stddev	.0040046	.28136	.0024311	.0010432	.0041563	.0024567
%RSD	1.030566	.7271581	.6027257	.2546012	1.026148	.6020693
#1	.3857468	38.49389	.4050737	.4104858	.4021001	.4063010
#2	.3914101	38.89179	.4016356	.4090105	.4079780	.4097752
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4047592**	**19.69267**	**.3990634**	F **.0773778**	**.4073453**	**.3854528**
Stddev	.0035587	.16848	.0002657	.0090888	.0009356	.0018695
%RSD	.8792267	.8555525	.0665781	11.74603	.2296873	.4850182
#1	.4072756	19.57354	.3988756	.0838045	.4066837	.3841308
#2	.4022428	19.81180	.3992513	.0709510	.4080069	.3867747
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.4000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4014165**	**20.61182**	**40.13891**	**3.234347**	**20.01833**	**3.977205**
Stddev	.0028651	.15567	.26673	.029201	.17951	.031925
%RSD	.7137455	.7552658	.6645091	.9028486	.8967084	.8027058
#1	.3993906	20.50174	39.95030	3.213699	19.89140	3.954630
#2	.4034425	20.72189	40.32751	3.254996	20.14526	3.999780
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 11/19/2021 20:54:26 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3938453**	**20.05651**	**.4100826**	**.4090912**	**.4143328**	**.4016502**
Stddev	.0005054	.15726	.0042715	.0014636	.0007032	.0017009
%RSD	.1283189	.7840626	1.041627	.3577624	.1697098	.4234811
#1	.3934879	19.94532	.4070622	.4101261	.4138356	.4004475
#2	.3942026	20.16771	.4131031	.4080563	.4148300	.4028530
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3697707**	**.4125769**	**.3967108**	**.3982705**	**.4043024**	**3.876059**
Stddev	.0022427	.0014974	.0038518	.0026110	.0020874	.044465
%RSD	.6065152	.3629418	.9709214	.6555910	.5162910	1.147175
#1	.3713565	.4115181	.3939872	.3964242	.4028265	3.844617
#2	.3681848	.4136358	.3994344	.4001168	.4057785	3.907500
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	**.4191934**
Stddev	.0032999
%RSD	.7872098
#1	.4168600
#2	.4215268
Check ?	Chk Pass
Value	
Range	

Sample Name: ICV Acquired: 11/19/2021 20:54:26 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1742.873	852.6277	5415.138	4284.991
Stddev	10.077	9.0047	44.252	11.472
%RSD	.5781649	1.056116	.8171965	.2677288
#1	1735.748	846.2604	5446.429	4293.103
#2	1749.999	858.9950	5383.847	4276.879

Sample Name: ICB Acquired: 11/19/2021 20:57:31 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000589**	**.0063834**	**-.000452**	**.0009087**	**-.000073**	**.0001076**	**.0002112**
Stddev	.000491	.0175993	.002727	.0001374	.000001	.0001532	.0014743
%RSD	83.36064	275.7030	602.7569	15.11526	1.813507	142.3028	698.0985
#1	-.000242	.0188280	-.002381	.0008116	-.000072	-.000001	-.000831
#2	-.000936	-.006061	.001476	.0010058	-.000074	.000216	.001254
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.005972**	**.0000915**	**.0017505**	**-.000001**	**.0001839**	**.0009874**	**.0508997**
Stddev	.003233	.0001957	.0058061	.000027	.0000401	.0000131	.0631760
%RSD	54.13020	213.8013	331.6898	4651.877	21.78252	1.330730	124.1185
#1	-.008258	.0002299	-.002355	.000018	.0001556	.0009967	.0062276
#2	-.003686	-.000047	.005856	-.000020	.0002123	.0009781	.0955719
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003904**	**-.000038**	**.0036639**	**.0000885**	**-.000347**	**.0065537**	**.0006176**
Stddev	.005824	.000025	.0225567	.0000899	.000357	.0012836	.0008387
%RSD	149.1822	65.17009	615.6539	101.6144	103.0716	19.58661	135.8057
#1	-.008021	-.000056	.0196139	.0001521	-.000599	.0074614	.0000245
#2	.000214	-.000021	-.012286	.0000249	-.000094	.0056460	.0012106
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: ICB Acquired: 11/19/2021 20:57:31 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002701	-.001598	-.001304	.0001021	.0025849	.0000184	.0000503
Stddev	.0014974	.001359	.002296	.0010839	.0005811	.0000006	.0001753
%RSD	554.2786	85.02698	176.0480	1061.380	22.48120	3.406081	348.8148
#1	.0013290	-.002559	.000319	.0008685	.0029959	.0000189	.0001742
#2	-.000789	-.000637	-.002928	-.000664	.0021740	.0000180	-.000074
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0007922	-.000098	-.000473
Stddev	.0000186	.000478	.000122
%RSD	2.342291	488.1411	25.74796
#1	.0007791	-.000436	-.000387
#2	.0008053	.000240	-.000559
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1973.935	882.6736	5708.135	4352.072
Stddev	5.874	5.7289	15.848	23.132
%RSD	.2975730	.6490425	.2776443	.5315073
#1	1969.782	878.6226	5719.341	4335.715
#2	1978.089	886.7245	5696.929	4368.428

Sample Name: ICVL Acquired: 11/19/2021 21:00:48 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050452	.2045342	.0128659	.0493391	.0101514	.0040248
Stddev	.0011719	.0079821	.0021715	.0005265	.0000978	.0000378
%RSD	23.22716	3.902592	16.87781	1.067123	.9633555	.9404075
#1	.0058738	.2101784	.0144013	.0489668	.0102206	.0039980
#2	.0042166	.1988900	.0113304	.0497114	.0100823	.0040516
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0507855	.1884015	.0020663	F -.003830	.0046878	.0099501
Stddev	.0005808	.0028148	.0000524	.005086	.0002428	.0002065
%RSD	1.143609	1.494025	2.533892	132.7864	5.179893	2.075730
#1	.0503748	.1864112	.0021034	-.000234	.0045161	.0100961
#2	.0511962	.1903919	.0020293	-.007426	.0048595	.0098040
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				-30.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108791	F .2842620	.4648128	.0098862	.1054969	.0098877
Stddev	.0001029	.0588331	.0054558	.0000730	.0032616	.0000423
%RSD	.9458088	20.69679	1.173759	.7379955	3.091613	.4275087
#1	.0109519	.2426607	.4686707	.0099378	.1031906	.0099176
#2	.0108064	.3258633	.4609550	.0098347	.1078031	.0098578
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		.2000000				
Range		30.00000%				

Sample Name: ICVL Acquired: 11/19/2021 21:00:48 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097106	.9708054	.0125634	.0045073	.0204749	.0100430
Stddev	.0000928	.0056049	.0003773	.0011962	.0014259	.0034545
%RSD	.9554885	.5773455	3.002997	26.54005	6.964220	34.39755
#1	.0097762	.9668422	.0122966	.0053531	.0214831	.0076003
#2	.0096450	.9747687	.0128301	.0036614	.0194666	.0124857
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1414565	.0418824	.0052060	.0049588	.0107273	.0052099
Stddev	.0004663	.0002271	.0000206	.0002747	.0006614	.0000494
%RSD	.3296719	.5422459	.3953374	5.540199	6.166067	.9485799
#1	.1411267	.0420430	.0052205	.0047646	.0111950	.0051750
#2	.1417862	.0417218	.0051914	.0051531	.0102596	.0052449
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.0211581
Stddev	.0001910
%RSD	.9028163
#1	.0212932
#2	.0210230
Check ?	Chk Pass
Value	
Range	

Sample Name: ICVL Acquired: 11/19/2021 21:00:48 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.593	899.9788	5751.830	4378.953
Stddev	8.513	7.9292	20.391	43.032
%RSD	.4291551	.8810461	.3545133	.9827074
#1	1989.613	905.5856	5737.411	4348.525
#2	1977.574	894.3720	5766.248	4409.381

Sample Name: CRI Acquired: 11/19/2021 21:04:22 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0099028**	**.3952775**	**.0187359**	**.1009987**	**.0206244**	**.0082872**	**.1012756**
Stddev	.0003159	.0028136	.0024367	.0002454	.0000325	.0003495	.0016608
%RSD	3.190018	.7117917	13.00548	.2430109	.1574990	4.216841	1.639864
#1	.0101261	.3932880	.0170129	.1008251	.0206474	.0085344	.1001013
#2	.0096794	.3972670	.0204589	.1011722	.0206014	.0080401	.1024500
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3877557**	**.0040847**	**.0050704**	**.0094707**	**.0201961**	**.0214963**	**.4295737**
Stddev	.0063898	.0003474	.0088579	.0000779	.0003023	.0003523	.0245957
%RSD	1.647902	8.505009	174.6988	.8226967	1.497042	1.638727	5.725595
#1	.3832373	.0038390	.0113338	.0094156	.0199823	.0212472	.4121819
#2	.3922739	.0043303	-.001193	.0095258	.0204099	.0217453	.4469654
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9562895**	**.0183348**	**.2072281**	**.0207625**	**.0200448**	**1.959525**	**.0215669**
Stddev	.0157687	.0001480	.0042841	.0002047	.0003839	.009911	.0002740
%RSD	1.648945	.8072372	2.067336	.9860190	1.915017	.5057689	1.270302
#1	.9451394	.0184395	.2102574	.0206178	.0203163	1.966533	.0217606
#2	.9674397	.0182302	.2041988	.0209073	.0197734	1.952517	.0213732
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Sample Name: CRI Acquired: 11/19/2021 21:04:22 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101459	.0414754	.0200860	.3074229	.0822970	.0103822	.0100156
Stddev	.0007801	.0017493	.0013136	.0017626	.0002413	.0000051	.0002073
%RSD	7.688419	4.217774	6.539921	.5733542	.2931538	.0488344	2.069725
#1	.0106975	.0402384	.0210148	.3061765	.0824677	.0103786	.0098690
#2	.0095943	.0427124	.0191571	.3086692	.0821265	.0103858	.0101621
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0208752	.0101283	.0406887
Stddev	.0011295	.0003790	.0006088
%RSD	5.410871	3.742421	1.496240
#1	.0200765	.0098603	.0411192
#2	.0216739	.0103963	.0402582
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1964.002	888.5667	5734.171	4365.284
Stddev	8.802	8.1499	1.069	22.762
%RSD	.4481625	.9171963	.0186474	.5214437
#1	1970.226	894.3296	5733.414	4349.188
#2	1957.779	882.8039	5734.927	4381.379

Sample Name: ICSA Acquired: 11/19/2021 21:07:37 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005594	535.9063	.0019263	-.001412	.0083189	.0021017
Stddev	.0003709	.9772	.0035798	.001144	.0000157	.0003248
%RSD	66.30407	.1823511	185.8377	81.03677	.1889661	15.45135
#1	.0002971	535.2153	-.000605	-.000603	.0083300	.0023314
#2	.0008217	536.5973	.004458	-.002221	.0083078	.0018721
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088429	519.7770	.0001667	F .1203441	-.000325	-.001512
Stddev	.0005174	5.6332	.0000362	.0134451	.000686	.000954
%RSD	5.850657	1.083767	21.71210	11.17222	210.9679	63.08773
#1	.0084771	515.7938	.0001924	.1108370	-.000810	-.002187
#2	.0092088	523.7603	.0001411	.1298512	.000160	-.000838
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000151	204.6209	-.070693	.0014651	518.1606	.0029683
Stddev	.000467	2.7093	.020943	.0001107	2.6780	.0004154
%RSD	309.1204	1.324067	29.62575	7.558153	.5168204	13.99624
#1	.000179	202.7051	-.055884	.0015434	516.2670	.0026745
#2	-.000481	206.5366	-.085503	.0013868	520.0542	.0032620
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA Acquired: 11/19/2021 21:07:37 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006431	.0366601	.0022391	.0008709	-.009728	-.003710
Stddev	.0014910	.0012758	.0012389	.0002627	.002009	.004723
%RSD	231.8480	3.480174	55.32796	30.16581	20.65402	127.3179
#1	-.000411	.0375622	.0013631	.0006851	-.008307	-.007049
#2	.001697	.0357579	.0031151	.0010566	-.011149	-.000370
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013398	.0079102	.0016805	.0025960	.0081800	-.002231
Stddev	.004345	.0039728	.0001012	.0000789	.0034574	.000999
%RSD	32.42767	50.22411	6.023267	3.037492	42.26666	44.77836
#1	-.010325	.0051010	.0017521	.0026518	.0057352	-.002938
#2	-.016470	.0107194	.0016089	.0025403	.0106247	-.001525
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0009388
Stddev	.0006239
%RSD	66.45123
#1	.0013800
#2	.0004977
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: ICSA Acquired: 11/19/2021 21:07:37 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1388.111	782.1115	4974.996	3856.544
Stddev	4.646	.7970	3.947	13.845
%RSD	.3346676	.1019028	.0793466	.3590061
#1	1391.396	782.6751	4972.204	3846.754
#2	1384.826	781.5480	4977.787	3866.334

Sample Name: ICSAB Acquired: 11/19/2021 21:10:57 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2168902**	**533.2577**	**.0966510**	**-.001635**	**.5352028**	**.5659243**
Stddev	.0008957	7.0443	.0054996	.000861	.0057087	.0026667
%RSD	.4129538	1.320991	5.690168	52.68080	1.066639	.4712064
#1	.2175235	528.2767	.0927622	-.002244	.5311662	.5640387
#2	.2162569	538.2388	.1005398	-.001026	.5392395	.5678099
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0081871**	**528.5076**	**1.028371**	F **.1376509**	**.5139532**	**.4532152**
Stddev	.0012199	18.6252	.007537	.0006678	.0007097	.0034613
%RSD	14.89989	3.524118	.7328896	.4851490	.1380849	.7637239
#1	.0073245	515.3375	1.023041	.1381231	.5134514	.4556627
#2	.0090497	541.6776	1.033700	.1371787	.5144550	.4507677
Check ?	None	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.2000000		
Range				-20.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5443697**	**203.5158**	**-.080375**	**.0014003**	**511.6143**	**.5166397**
Stddev	.0073768	2.0051	.016544	.0001866	4.3037	.0029969
%RSD	1.355114	.9852248	20.58346	13.32795	.8411909	.5800781
#1	.5495859	202.0980	-.068677	.0015322	508.5712	.5145205
#2	.5391535	204.9336	-.092074	.0012683	514.6575	.5187588
Check ?	Chk Pass	Chk Pass	None	None	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICSAB Acquired: 11/19/2021 21:10:57 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000650	.0350083	1.002561	.0491147	.5788849	.0512466
Stddev	.001031	.0006281	.004837	.0014610	.0054113	.0018778
%RSD	158.6171	1.794140	.4824914	2.974638	.9347758	3.664274
#1	-.001379	.0354525	.999140	.0480816	.5750585	.0499188
#2	.000079	.0345642	1.005981	.0501477	.5827112	.0525744
Check ?	None	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047792	.0106481	.0017256	.0026699	.0967585	.4636329
Stddev	.0009562	.0019286	.0003711	.0002108	.0013134	.0087212
%RSD	20.00674	18.11219	21.50419	7.894142	1.357435	1.881051
#1	.0041031	.0120118	.0019880	.0025208	.0976872	.4697997
#2	.0054554	.0092844	.0014632	.0028189	.0958297	.4574662
Check ?	None	None	None	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	1.019790
Stddev	.004413
%RSD	.4327530
#1	1.016669
#2	1.022910
Check ?	Chk Pass
Value	
Range	

Sample Name: ICSAB Acquired: 11/19/2021 21:10:57 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1372.590	759.5761	4952.089	3910.513
Stddev	5.790	6.0085	37.812	3.623
%RSD	.4218184	.7910389	.7635650	.0926441
#1	1376.684	763.8248	4925.351	3913.075
#2	1368.496	755.3274	4978.826	3907.952

Sample Name: CCV Acquired: 11/19/2021 21:14:07 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5005056**	**48.84413**	**.5129275**	**.5023140**	**.5075563**	**.5159510**
Stddev	.0009766	.11565	.0024875	.0021456	.0003796	.0012102
%RSD	.1951209	.2367709	.4849534	.4271368	.0747949	.2345588
#1	.4998150	48.76236	.5146864	.5007968	.5072879	.5150953
#2	.5011961	48.92591	.5111686	.5038312	.5078247	.5168068
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5132862**	**24.47845**	**.5001894**	F **.0949774**	**.5193167**	**.4842329**
Stddev	.0012832	.08403	.0022013	.0055179	.0051449	.0104771
%RSD	.2499926	.3432943	.4400945	5.809721	.9907150	2.163639
#1	.5141935	24.41903	.5017460	.0988791	.5229548	.4768245
#2	.5123788	24.53787	.4986329	.0910756	.5156787	.4916413
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5053672**	**24.99295**	**49.24334**	**3.942171**	**24.68131**	**5.010981**
Stddev	.0013039	.15063	.29663	.023005	.12774	.020514
%RSD	.2580086	.6026720	.6023792	.5835724	.5175710	.4093713
#1	.5062891	24.88644	49.45310	3.958438	24.59098	4.996476
#2	.5044452	25.09945	49.03360	3.925903	24.77163	5.025486
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/19/2021 21:14:07 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4904607	24.87656	.5184436	.5178339	.4901521	.4999723
Stddev	.0000948	.13218	.0024639	.0029443	.0005807	.0027066
%RSD	.0193206	.5313339	.4752389	.5685762	.1184750	.5413448
#1	.4905277	24.97003	.5201858	.5199159	.4905627	.5018861
#2	.4903937	24.78310	.5167014	.5157520	.4897415	.4980584
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .3026333	.5235273	.4926682	.4946865	.5022795	4.834001
Stddev	.0011122	.0053079	.0004855	.0023362	.0055320	.017256
%RSD	.3675117	1.013873	.0985511	.4722594	1.101382	.3569680
#1	.3034198	.5272806	.4923249	.4930346	.5061912	4.821799
#2	.3018469	.5197741	.4930116	.4963385	.4983678	4.846203
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	.5211996
Stddev	.0067056
%RSD	1.286578
#1	.5259413
#2	.5164580
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/19/2021 21:14:07 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1691.302	836.3617	5402.491	4292.488
Stddev	4.653	7.0787	14.048	12.606
%RSD	.2750957	.8463651	.2600351	.2936758
#1	1694.592	841.3671	5392.557	4283.574
#2	1688.012	831.3563	5412.425	4301.402

Sample Name: CCB Acquired: 11/19/2021 21:17:11 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000189**	**.0289016**	**-.000665**	**.0008620**	**-.000051**	**.0000324**	**.0008339**
Stddev	.000082	.0014135	.000980	.0000883	.000063	.0001161	.0009767
%RSD	43.19295	4.890700	147.4294	10.24477	123.7014	358.6070	117.1252
#1	-.000247	.0299011	.000028	.0009244	-.000006	-.000050	.0015245
#2	-.000132	.0279021	-.001358	.0007995	-.000095	.000114	.0001433
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0039754**	**-.000021**	**.0027852**	**-.000225**	**.0000851**	**.0011545**	**.0188840**
Stddev	.0033013	.000012	.0039002	.000078	.0009565	.0003752	.0252692
%RSD	83.04242	54.27980	140.0332	34.71941	1123.862	32.49952	133.8125
#1	.0016411	-.000029	.0055430	-.000280	-.000591	.0014199	.0010160
#2	.0063098	-.000013	.0000273	-.000169	.000761	.0008892	.0367520
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.025250**	**.0001151**	**.0029500**	**-.000201**	**-.000178**	**.0041158**	**.0004518**
Stddev	.001817	.0002539	.0188944	.000345	.000389	.0008003	.0017040
%RSD	7.196529	220.6464	640.4937	171.5264	218.0692	19.44493	377.1682
#1	-.023965	-.000064	.0163103	.000043	-.000454	.0035499	.0016567
#2	-.026535	.000295	-.010410	-.000445	.000097	.0046817	-.000753
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 11/19/2021 21:17:11 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000577	-.000575	-.000991	-.001260	.0011480	.0000378	.0000864
Stddev	.000590	.000436	.002394	.000768	.0009159	.0000051	.0000060
%RSD	102.3483	75.86661	241.4791	60.94092	79.77977	13.47021	6.972356
#1	-.000994	-.000884	-.002684	-.001803	.0005004	.0000414	.0000906
#2	-.000159	-.000267	.000701	-.000717	.0017956	.0000342	.0000821
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0003872	.0003115	.0009234
Stddev	.0023903	.0009311	.0006389
%RSD	617.2744	298.9163	69.18328
#1	-.001303	-.000347	.0013752
#2	.002077	.000970	.0004717
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1971.908	886.9487	5720.202	4342.012
Stddev	10.455	5.8489	20.306	4.378
%RSD	.5302065	.6594410	.3549888	.1008269
#1	1979.301	891.0845	5705.844	4338.916
#2	1964.515	882.8130	5734.561	4345.107

Sample Name: ICVL Acquired: 11/19/2021 21:20:28 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0046723**	**.2126511**	**.0086239**	**.0494210**	**.0101064**	**.0040470**
Stddev	.0000621	.0130580	.0005422	.0007217	.0001302	.0000857
%RSD	1.329183	6.140550	6.287184	1.460267	1.288737	2.117594
#1	.0046283	.2034177	.0082405	.0489107	.0100143	.0041075
#2	.0047162	.2218845	.0090073	.0499313	.0101985	.0039864
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0519071**	**.1869249**	**.0020873**	F **-.003722**	**.0048287**	**.0098078**
Stddev	.0001005	.0045813	.0000732	.001792	.0000755	.0010392
%RSD	.1935732	2.450857	3.504350	48.16134	1.564600	10.59528
#1	.0518360	.1836855	.0020356	-.004989	.0047753	.0105426
#2	.0519781	.1901644	.0021391	-.002454	.0048821	.0090730
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				-30.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0115926**	**.2255492**	**.4657812**	**.0098375**	**.0912471**	**.0095372**
Stddev	.0004737	.0386532	.0219920	.0003081	.0236788	.0000939
%RSD	4.086204	17.13735	4.721531	3.132210	25.95022	.9841603
#1	.0119276	.1982173	.4502306	.0096196	.1079905	.0094709
#2	.0112577	.2528811	.4813320	.0100553	.0745036	.0096036
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICVL Acquired: 11/19/2021 21:20:28 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095926	.9825135	.0107197	.0052803	.0219261	.0096069
Stddev	.0000668	.0197917	.0005941	.0003295	.0002788	.0024726
%RSD	.6960743	2.014389	5.542551	6.240225	1.271633	25.73807
#1	.0096399	.9685187	.0102996	.0050473	.0217289	.0078584
#2	.0095454	.9965083	.0111398	.0055133	.0221233	.0113553
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1431092	.0417528	.0053279	.0050362	.0102651	.0052054
Stddev	.0006521	.0002068	.0000994	.0002329	.0010757	.0001313
%RSD	.4556294	.4953652	1.865810	4.624861	10.47948	2.522688
#1	.1426482	.0416066	.0053982	.0052010	.0095044	.0051125
#2	.1435703	.0418991	.0052576	.0048715	.0110258	.0052982
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.0210904
Stddev	.0000893
%RSD	.4234780
#1	.0211535
#2	.0210272
Check ?	Chk Pass
Value	
Range	

Sample Name: ICVL Acquired: 11/19/2021 21:20:28 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.366	884.1264	5637.642	4438.309
Stddev	6.931	7.1194	58.780	64.924
%RSD	.3533681	.8052446	1.042641	1.462803
#1	1966.267	889.1606	5596.078	4484.217
#2	1956.466	879.0922	5679.206	4392.401

Sample Name: MRL Acquired: 11/19/2021 21:23:45 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050151	.1978496	.0118103	.0500372	.0105276	.0041995
Stddev	.0003571	.0095352	.0007686	.0004128	.0000060	.0000898
%RSD	7.120056	4.819433	6.507733	.8249120	.0572689	2.138348
#1	.0052676	.1911072	.0123537	.0503291	.0105318	.0041360
#2	.0047626	.2045921	.0112668	.0497453	.0105233	.0042630
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0528347	.1832326	.0020286	F -.000815	.0048015	.0101169
Stddev	.0001967	.0006151	.0000245	.000950	.0001459	.0007008
%RSD	.3722877	.3356657	1.205932	116.5374	3.037996	6.927210
#1	.0526956	.1827977	.0020459	-.000143	.0049047	.0096214
#2	.0529738	.1836675	.0020113	-.001487	.0046984	.0106125
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				-30.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113840	.1968124	.4791819	.0105340	.1029429	.0097973
Stddev	.0000476	.0239913	.0027692	.0002797	.0025910	.0006502
%RSD	.4179326	12.18994	.5779012	2.655056	2.516898	6.636444
#1	.0113504	.2137768	.4772238	.0103362	.1047749	.0093376
#2	.0114176	.1798480	.4811400	.0107317	.1011108	.0102571
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: MRL Acquired: 11/19/2021 21:23:45 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095748	1.009653	.0112057	F .0068149	.0208540	.0091145
Stddev	.0002963	.003084	.0010742	.0006868	.0012625	.0008236
%RSD	3.094706	.3054571	9.585857	10.07734	6.053985	9.035705
#1	.0093653	1.007472	.0104461	.0063293	.0217468	.0096968
#2	.0097843	1.011833	.0119652	.0073005	.0199613	.0085322
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				30.00000%		

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1421465	.0427795	.0052586	.0048336	.0107171	.0050299
Stddev	.0019571	.0008001	.0000070	.0001696	.0005805	.0000715
%RSD	1.376791	1.870287	.1336716	3.508051	5.416811	1.421697
#1	.1407626	.0422138	.0052536	.0047137	.0111276	.0050805
#2	.1435303	.0433453	.0052636	.0049535	.0103066	.0049794
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.0200154
Stddev	.0001517
%RSD	.7580443
#1	.0201227
#2	.0199082
Check ?	Chk Pass
Value	
Range	

Sample Name: MRL Acquired: 11/19/2021 21:23:45 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1963.278	888.9121	5723.944	4344.337
Stddev	6.320	.1371	17.754	5.171
%RSD	.3219231	.0154253	.3101631	.1190184
#1	1967.747	889.0091	5736.498	4340.681
#2	1958.809	888.8152	5711.391	4347.993

Sample Name: LRC Acquired: 11/19/2021 21:27:24 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010369	.0045709	-.003772	5.018907	5.122136	5.170414
Stddev	.0003802	.0184072	.003309	.139276	.111067	.004147
%RSD	36.66925	402.7094	87.73832	2.775031	2.168378	.0802097
#1	.0013058	.0175867	-.001432	4.920424	5.043599	5.173347
#2	.0007681	-.008445	-.006112	5.117390	5.200672	5.167482
Check ?	None	None	None	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.025335	.0162533	4.974224	.1263333	2.019824	2.040567
Stddev	.150257	.0022872	.125719	.0045414	.048749	.002707
%RSD	2.989981	14.07230	2.527415	3.594799	2.413508	.1326804
#1	4.919087	.0178705	4.885327	.1295445	1.985353	2.042481
#2	5.131582	.0146360	5.063121	.1231220	2.054294	2.038652
Check ?	Chk Pass	None	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.969173	.1784290	-.021881	5.052526	-.030962	5.170308
Stddev	.003776	.0199271	.007718	.110959	.000301	.009170
%RSD	.1917563	11.16806	35.27332	2.196100	.9717848	.1773653
#1	1.971843	.1643384	-.016423	4.974066	-.031174	5.176792
#2	1.966502	.1925195	-.027338	5.130985	-.030749	5.163823
Check ?	Chk Pass	None	None	Chk Pass	None	Chk Pass
Value						
Range						

Sample Name: LRC Acquired: 11/19/2021 21:27:24 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.508755**	**.0177490**	**5.151261**	**5.142212**	**5.237252**	**5.083263**
Stddev	.038970	.0029075	.130961	.123856	.147652	.154688
%RSD	2.582921	16.38133	2.542309	2.408614	2.819261	3.043077
#1	1.481200	.0156931	5.058657	5.054633	5.132847	4.973882
#2	1.536311	.0198050	5.243864	5.229791	5.341658	5.192644
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **3.920890**	**5.130249**	**1.961135**	**1.991662**	**5.025633**	**5.006972**
Stddev	.123065	.127450	.024689	.001906	.135958	.014184
%RSD	3.138700	2.484279	1.258891	.0956890	2.705283	.2832908
#1	3.833870	5.040128	1.978593	1.990315	4.929496	5.017002
#2	4.007910	5.220369	1.943678	1.993010	5.121770	4.996943
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	5.000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**5.129136**
Stddev	.106413
%RSD	2.074670
#1	5.053891
#2	5.204381
Check ?	Chk Pass
Value	
Range	

Sample Name: LRC Acquired: 11/19/2021 21:27:24 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1868.714	872.0235	5585.726	4282.910
Stddev	37.289	18.4974	37.374	16.847
%RSD	1.995411	2.121204	.6690911	.3933471
#1	1895.081	885.1031	5612.153	4294.822
#2	1842.347	858.9438	5559.299	4270.997

Sample Name: mb 500-629717/1-a Acquired: 11/19/2021 21:31:00 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000468**	**.0291101**	**-.003796**	**.0062569**	**.0006772**	**.0002987**	**-.011166**
Stddev	.000187	.0034868	.001391	.0006784	.0000528	.0000510	.000972
%RSD	39.91688	11.97789	36.64109	10.84191	7.798467	17.06931	8.700442
#1	-.000600	.0266446	-.004780	.0067366	.0007145	.0003347	-.011853
#2	-.000336	.0315756	-.002813	.0057773	.0006398	.0002627	-.010479
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0200745**	**.0007862**	**-.003284**	**-.000714**	**.0051056**	**.0022697**	**.1199119**
Stddev	.0028845	.0002421	.004176	.000260	.0004997	.0000672	.0031154
%RSD	14.36879	30.79299	127.1938	36.37763	9.787565	2.961453	2.598080
#1	.0180349	.0009574	-.006237	-.000530	.0054590	.0023172	.1177089
#2	.0221141	.0006150	-.000330	-.000897	.0047523	.0022221	.1221148
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003451**	**.0005076**	**-.006492**	**.0007438**	**.0007504**	**.1005471**	**-.001573**
Stddev	.008104	.0000708	.011873	.0003072	.0000902	.0001547	.000385
%RSD	234.8559	13.94635	182.8863	41.30652	12.01698	.1538745	24.48505
#1	.002280	.0004576	-.014888	.0005265	.0006866	.1004377	-.001301
#2	-.009181	.0005577	.001904	.0009610	.0008142	.1006564	-.001845
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: mb 500-629717/1-a Acquired: 11/19/2021 21:31:00 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002012	.0034665	-.001689	.0178803	.0182276	.0002547	.0012101
Stddev	.000771	.0002531	.001931	.0005436	.0029424	.0000087	.0000669
%RSD	38.29463	7.301118	114.3038	3.040178	16.14275	3.417068	5.531696
#1	-.001467	.0036455	-.000324	.0174959	.0161470	.0002609	.0012575
#2	-.002557	.0032875	-.003055	.0182647	.0203082	.0002485	.0011628
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.003001	.0003493	.0030582
Stddev	.000456	.0003685	.0002860
%RSD	15.19879	105.5031	9.352619
#1	-.002679	.0006099	.0028559
#2	-.003324	.0000887	.0032604
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1955.938	879.4240	5649.130	4165.039
Stddev	58.286	27.1171	13.338	3.728
%RSD	2.979926	3.083502	.2361078	.0895004
#1	1997.152	898.5987	5639.699	4162.403
#2	1914.724	860.2494	5658.561	4167.675

Sample Name: lcs 500-629717/2-a Acquired: 11/19/2021 21:34:17 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0456263	1.860666	.0853388	.8048101	1.952383	.0488593	.4384378
Stddev	.0006790	.017561	.0025439	.0040180	.008507	.0010675	.0020607
%RSD	1.488096	.9437973	2.980955	.4992472	.4357020	2.184815	.4700068
#1	.0461064	1.848249	.0835400	.8019690	1.946368	.0481045	.4369807
#2	.0451462	1.873083	.0871376	.8076513	1.958398	.0496141	.4398949
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.122758	.0450392	.0459108	.4688116	.1964504	.2415770	1.111141
Stddev	.226832	.0001809	.0113230	.0028458	.0048692	.0030180	.043329
%RSD	2.486444	.4017439	24.66310	.6070177	2.478591	1.249269	3.899506
#1	8.962363	.0449113	.0379042	.4667994	.1998934	.2437111	1.080503
#2	9.283152	.0451672	.0539174	.4708239	.1930073	.2394430	1.141779
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.611669	.5046913	9.285756	.4743062	.9795928	9.968898	.4752594
Stddev	.043382	.0020644	.021192	.0079254	.0066483	.039171	.0043236
%RSD	.4513436	.4090412	.2282246	1.670943	.6786851	.3929300	.9097380
#1	9.642344	.5061511	9.270771	.4687021	.9748918	9.996596	.4722021
#2	9.580993	.5032316	9.300742	.4799102	.9842939	9.941200	.4783166
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: lcs 500-629717/2-a Acquired: 11/19/2021 21:34:17 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0887536	.4719165	.0775798	1.995378	.9545472	.9371157	.9808860
Stddev	.0008683	.0039917	.0000253	.005580	.0029075	.0034479	.0164161
%RSD	.9783361	.8458571	.0325643	.2796677	.3045987	.3679226	1.673599
#1	.0881396	.4690940	.0775620	1.991432	.9524912	.9395537	.9924939
#2	.0893676	.4747391	.0775977	1.999324	.9566031	.9346777	.9692780
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0872636	.4780992	.4606576
Stddev	.0002883	.0089456	.0023627
%RSD	.3303668	1.871078	.5128946
#1	.0874674	.4844247	.4589870
#2	.0870597	.4717737	.4623283
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.586	859.4389	5573.597	4181.096
Stddev	4.703	1.9903	58.690	18.966
%RSD	.2568953	.2315861	1.053007	.4536048
#1	1833.911	860.8463	5532.096	4167.685
#2	1827.261	858.0315	5615.097	4194.507

Sample Name: 500-208392-a-1-a Acquired: 11/19/2021 21:37:31 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017224**	**81.22306**	**.1400200**	**.0232182**	**.7659146**	**.0057664**	**-.005520**
Stddev	.0004683	.87556	.0006299	.0009293	.0078754	.0001330	.002434
%RSD	27.18905	1.077975	.4498582	4.002353	1.028240	2.305687	44.08948
#1	.0020535	80.60394	.1404654	.0238752	.7603458	.0058604	-.003799
#2	.0013912	81.84217	.1395746	.0225610	.7714834	.0056724	-.007241
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**27.10392**	**.0022366**	**.5425502**	**.0839329**	**.1228568**	**.1906891**	**114.2209**
Stddev	.13711	.0000666	.0019665	.0002843	.0020904	.0016709	.2299
%RSD	.5058581	2.975425	.3624529	.3387719	1.701476	.8762661	.2012648
#1	27.20086	.0021895	.5411596	.0841340	.1213787	.1895076	114.0583
#2	27.00697	.0022836	.5439407	.0837319	.1243349	.1918706	114.3834
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.744173**	**.0652470**	**16.93295**	**7.971295**	**.0079926**	**.3818909**	**.1114866**
Stddev	.130726	.0007639	.10980	.012216	.0000266	.0065589	.0008436
%RSD	1.688056	1.170708	.6484352	.1532540	.3329565	1.717475	.7566673
#1	7.651736	.0647069	16.85531	7.962657	.0079738	.3772530	.1120831
#2	7.836610	.0657871	17.01059	7.979934	.0080114	.3865287	.1108901
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-1-a Acquired: 11/19/2021 21:37:31 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2673820	.0039541	.0018975	1.306812	.0247166	.0632382	1.193355
Stddev	.0016813	.0010008	.0030286	.000764	.0005252	.0004740	.010339
%RSD	.6287984	25.31116	159.6113	.0584318	2.124782	.7495922	.8663905
#1	.2685708	.0046618	.0040390	1.306272	.0243453	.0629030	1.186044
#2	.2661931	.0032464	-.000244	1.307352	.0250880	.0635734	1.200666
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0023365	.1852619	.4727474
Stddev	.0024034	.0025208	.0019991
%RSD	102.8658	1.360655	.4228620
#1	.0006370	.1834794	.4741610
#2	.0040360	.1870443	.4713338
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1730.239	941.2489	6042.746	4496.289
Stddev	2.114	.1393	9.656	4.938
%RSD	.1221733	.0147952	.1597872	.1098333
#1	1728.744	941.3474	6049.573	4492.797
#2	1731.734	941.1504	6035.918	4499.781

Sample Name: 500-208392-a-1-aSD@5 Acquired: 11/19/2021 21:40:40 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000339**	**17.63783**	**.0309337**	**.0062445**	**.1648241**	**.0012746**	**-.001696**
Stddev	.001144	.11998	.0007500	.0001873	.0019794	.0000347	.000050
%RSD	337.9537	.6802322	2.424576	2.999581	1.200897	2.724862	2.957335
#1	.000471	17.55299	.0314640	.0063769	.1634245	.0012500	-.001661
#2	-.001148	17.72267	.0304033	.0061120	.1662238	.0012992	-.001732
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.011753**	**.0005620**	**.1085008**	**.0167577**	**.0276601**	**.0414191**	**25.15641**
Stddev	.064946	.0002326	.0041926	.0002297	.0006892	.0000790	.06895
%RSD	1.080323	41.38723	3.864135	1.370584	2.491728	.1906859	.2740896
#1	6.057677	.0003975	.1114654	.0165953	.0281475	.0414750	25.20516
#2	5.965829	.0007264	.1055362	.0169201	.0271728	.0413633	25.10765
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.691642**	**.0140462**	**3.749229**	**1.775222**	**.0012863**	**.0876714**	**.0235123**
Stddev	.062781	.0006423	.053306	.003430	.0001635	.0002423	.0003415
%RSD	3.711262	4.572427	1.421790	.1932342	12.71041	.2763478	1.452495
#1	1.647249	.0135920	3.711536	1.777647	.0014019	.0875001	.0237538
#2	1.736035	.0145003	3.786922	1.772796	.0011707	.0878427	.0232708
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-1-aSD@5 Acquired: 11/19/2021 21:40:40 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0588928	.0001314	-.001182	.2980778	.0064372	.0141075	.2637181
Stddev	.0013041	.0000888	.000080	.0058315	.0000434	.0000108	.0011726
%RSD	2.214304	67.58749	6.807889	1.956370	.6743916	.0764704	.4446365
#1	.0598149	.0001942	-.001125	.2939543	.0064679	.0140999	.2628890
#2	.0579707	.0000686	-.001239	.3022013	.0064065	.0141152	.2645472
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000222	.0407074	.0978709
Stddev	.000471	.0004824	.0012637
%RSD	212.3154	1.185092	1.291193
#1	-.000555	.0403663	.0969773
#2	.000111	.0410485	.0987645
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1860.703	887.2381	5834.885	4398.631
Stddev	35.283	20.6211	22.305	3.253
%RSD	1.896201	2.324194	.3822767	.0739594
#1	1885.652	901.8194	5819.112	4400.931
#2	1835.755	872.6568	5850.657	4396.330

Sample Name: 500-208392-a-1-b du Acquired: 11/19/2021 21:43:54 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019856**	**74.20132**	**.1294334**	**.0225217**	**.7036640**	**.0051080**	**-.007346**
Stddev	.0005460	.67128	.0016372	.0003347	.0060196	.0002584	.001772
%RSD	27.49931	.9046780	1.264877	1.486124	.8554630	5.059324	24.12901
#1	.0015995	73.72665	.1305910	.0227584	.6994076	.0052907	-.006092
#2	.0023717	74.67598	.1282757	.0222851	.7079205	.0049252	-.008599
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.05203**	**.0021798**	**.5035418**	**.0710691**	**.1282338**	**.1868880**	**106.3762**
Stddev	.21914	.0000628	.0057735	.0000243	.0004674	.0018635	.9494
%RSD	.9111146	2.883062	1.146581	.0341475	.3645184	.9971281	.8925371
#1	23.89707	.0021354	.5076243	.0710519	.1285644	.1882057	105.7048
#2	24.20698	.0022243	.4994594	.0710863	.1279033	.1855703	107.0476
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.659911**	**.0604517**	**14.67618**	**6.896273**	**.0082656**	**.3706971**	**.0987235**
Stddev	.082789	.0001413	.23284	.051117	.0000518	.0030894	.0003902
%RSD	1.080809	.2337348	1.586523	.7412222	.6266667	.8334006	.3952797
#1	7.601370	.0603518	14.51154	6.860128	.0083023	.3685125	.0989995
#2	7.718451	.0605517	14.84082	6.932418	.0082290	.3728816	.0984476
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-1-b du Acquired: 11/19/2021 21:43:54 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2512218	.0034913	.0029041	1.425830	.0324529	.0616957	1.187677
Stddev	.0024199	.0007178	.0020034	.007351	.0032661	.0003394	.001762
%RSD	.9632587	20.55828	68.98434	.5155459	10.06408	.5501153	.1483713
#1	.2529329	.0029838	.0043206	1.431028	.0347624	.0619357	1.188923
#2	.2495107	.0039989	.0014875	1.420632	.0301434	.0614557	1.186431
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0019122	.1787656	.4548949
Stddev	.0008488	.0013780	.0002088
%RSD	44.38696	.7708238	.0459061
#1	.0025124	.1797400	.4550426
#2	.0013121	.1777913	.4547473
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.956	919.3655	5916.848	4437.985
Stddev	12.762	8.1928	40.093	6.175
%RSD	.7385542	.8911309	.6776060	.1391410
#1	1718.932	913.5724	5888.498	4433.618
#2	1736.980	925.1587	5945.198	4442.351

Sample Name: 500-208392-a-1-c ms Acquired: 11/19/2021 21:47:04 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0446927**	**122.3832**	**.2142454**	**.7307701**	**2.636042**	**.0508923**	**.4636824**
Stddev	.0001122	.7483	.0039585	.0022519	.020199	.0005717	.0014934
%RSD	.2509657	.6114255	1.847636	.3081573	.7662445	1.123340	.3220750
#1	.0447720	121.8540	.2114464	.7291778	2.621760	.0504880	.4626264
#2	.0446134	122.9123	.2170445	.7323625	2.650325	.0512965	.4647384
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**41.49151**	**.0421145**	**.5977922**	**.5591394**	**.3222036**	**.4175626**	**117.0903**
Stddev	.02236	.0000149	.0036524	.0031122	.0019285	.0010009	.5388
%RSD	.0538804	.0353550	.6109858	.5565969	.5985417	.2396923	.4601821
#1	41.47570	.0421250	.5952095	.5569388	.3208399	.4168549	116.7093
#2	41.50731	.0421040	.6003748	.5613400	.3235672	.4182703	117.4713
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**22.28432**	**.5550085**	**30.80430**	**7.573237**	**.8360454**	**9.568608**	**.6015541**
Stddev	.11842	.0033707	.11066	.020514	.0027356	.053345	.0005921
%RSD	.5313985	.6073142	.3592340	.2708718	.3272097	.5574970	.0984237
#1	22.20059	.5526251	30.72606	7.558732	.8341111	9.530888	.6011355
#2	22.36806	.5573919	30.88255	7.587743	.8379798	9.606329	.6019728
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-1-c ms Acquired: 11/19/2021 21:47:04 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3510949	.1832142	.0743812	2.524656	.9210624	.9224737	2.587374
Stddev	.0041984	.0001003	.0016447	.015015	.0010272	.0003281	.000163
%RSD	1.195809	.0547671	2.211215	.5947174	.1115211	.0355647	.0062995
#1	.3481262	.1832852	.0755442	2.514039	.9217887	.9227057	2.587258
#2	.3540636	.1831433	.0732182	2.535273	.9203361	.9222417	2.587489
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0888810	.6595219	1.010414
Stddev	.0004174	.0011815	.004256
%RSD	.4696541	.1791405	.4211694
#1	.0891762	.6603573	1.007405
#2	.0885859	.6586864	1.013423
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1656.918	931.1200	5978.439	4458.016
Stddev	5.088	2.3588	16.587	13.750
%RSD	.3070962	.2533340	.2774436	.3084280
#1	1660.516	932.7880	5966.710	4448.294
#2	1653.320	929.4520	5990.168	4467.739

Sample Name: 500-208392-a-1-d msd Acquired: 11/19/2021 21:50:14 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0452713	129.2714	.2217172	.7275299	2.662590	.0517122	.4652171
Stddev	.0003506	1.5905	.0034841	.0017755	.020715	.0004173	.0023497
%RSD	.7743604	1.230326	1.571415	.2440392	.7780099	.8069099	.5050745
#1	.0450234	128.1468	.2192536	.7262745	2.647942	.0514171	.4635556
#2	.0455192	130.3960	.2241808	.7287854	2.677238	.0520072	.4668785
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.50383	.0416762	.6364019	.5611717	.3332053	.4301906	124.5497
Stddev	.38979	.0000254	.0121862	.0023744	.0028755	.0035750	1.1447
%RSD	.8758644	.0610417	1.914859	.4231158	.8629927	.8310368	.9190750
#1	44.22820	.0416942	.6277850	.5594927	.3311720	.4327185	123.7403
#2	44.77946	.0416582	.6450189	.5628507	.3352386	.4276626	125.3591
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.74139	.5424490	32.17758	8.282171	.8299655	9.290797	.6126202
Stddev	.30028	.0099331	.40977	.071744	.0018453	.152134	.0009719
%RSD	1.320399	1.831158	1.273468	.8662501	.2223335	1.637470	.1586393
#1	22.52906	.5354252	31.88782	8.231440	.8286607	9.183222	.6119330
#2	22.95372	.5494727	32.46733	8.332902	.8312703	9.398372	.6133074
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-1-d msd Acquired: 11/19/2021 21:50:14 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3655790	.1789546	.0751612	2.359805	.9203216	.9137076	2.624623
Stddev	.0018431	.0009093	.0040196	.002963	.0009180	.0054765	.007311
%RSD	.5041608	.5081213	5.347932	.1255404	.0997519	.5993676	.2785602
#1	.3642757	.1795976	.0780035	2.361900	.9196724	.9175801	2.619453
#2	.3668823	.1783117	.0723190	2.357711	.9209707	.9098352	2.629793
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0890651	.6729637	1.054100
Stddev	.0004043	.0063390	.004721
%RSD	.4539185	.9419453	.4478916
#1	.0887793	.6684814	1.050762
#2	.0893510	.6774460	1.057438
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1655.880	939.5022	6058.989	4518.489
Stddev	4.456	.4970	53.544	12.886
%RSD	.2691202	.0529056	.8837181	.2851861
#1	1659.031	939.8537	6021.127	4527.601
#2	1652.729	939.1507	6096.850	4509.377

Sample Name: 500-208392-a-2-a Acquired: 11/19/2021 21:53:25 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0018272**	**70.84190**	**.1838850**	**.0206080**	**.7319263**	**.0055407**	**-.001052**
Stddev	.0005280	.66633	.0003995	.0001184	.0074447	.0002519	.000837
%RSD	28.89814	.9405912	.2172687	.5746243	1.017144	4.546125	79.54435
#1	.0014538	70.37073	.1836025	.0206917	.7266621	.0053625	-.001644
#2	.0022005	71.31307	.1841676	.0205242	.7371905	.0057188	-.000460
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**27.21038**	**.0016667**	**.5235586**	**.1090179**	**.1267626**	**.0994328**	**154.0929**
Stddev	.38655	.0001542	.0045273	.0008930	.0013995	.0014566	1.6025
%RSD	1.420608	9.250329	.8647225	.8191507	1.103996	1.464860	1.039968
#1	26.93704	.0017757	.5203573	.1083864	.1257730	.1004628	152.9598
#2	27.48371	.0015577	.5267599	.1096493	.1277521	.0984029	155.2261
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.718355**	**.1220292**	**16.89526**	**9.050851**	**.0051614**	**.3246960**	**.1203191**
Stddev	.044052	.0001086	.02106	.098875	.0001182	.0023989	.0004531
%RSD	.7703660	.0890233	.1246422	1.092442	2.289232	.7388226	.3765898
#1	5.749505	.1221060	16.88037	8.980936	.0050779	.3263923	.1199987
#2	5.687205	.1219524	16.91015	9.120767	.0052450	.3229997	.1206395
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-2-a Acquired: 11/19/2021 21:53:25 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1915009	.0060759	.0012304	1.609833	.0245054	.0690634	.6748113
Stddev	.0021089	.0014314	.0024720	.000980	.0000660	.0002099	.0007503
%RSD	1.101247	23.55819	200.9197	.0608700	.2693227	.3039234	.1111919
#1	.1929921	.0070880	-.000518	1.609140	.0244588	.0689150	.6753418
#2	.1900097	.0050638	.002978	1.610526	.0245521	.0692118	.6742807
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0034126	.1850888	.5032454
Stddev	.0029004	.0003325	.0035173
%RSD	84.99049	.1796296	.6989294
#1	.0013617	.1848537	.5007582
#2	.0054635	.1853238	.5057325
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.116	892.2041	5825.206	4454.309
Stddev	4.167	3.5843	19.606	13.480
%RSD	.2421147	.4017386	.3365674	.3026229
#1	1718.170	889.6696	5811.343	4444.778
#2	1724.063	894.7386	5839.070	4463.841

Sample Name: 500-208392-a-3-a Acquired: 11/19/2021 21:56:35 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0018280**	**71.11735**	**.0641209**	**.0450476**	**.8405753**	**.0049815**	**-.006891**
Stddev	.0000150	.72124	.0008856	.0007189	.0066189	.0000924	.000194
%RSD	.8196102	1.014153	1.381104	1.595872	.7874261	1.855029	2.812767
#1	.0018386	70.60736	.0647471	.0455560	.8358950	.0049162	-.006754
#2	.0018174	71.62734	.0634947	.0445393	.8452556	.0050468	-.007028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**186.5297**	**.0030805**	**.4024894**	**.0511565**	**.1174673**	**.1499129**	**124.1164**
Stddev	2.4810	.0000941	.0097856	.0006048	.0002759	.0009744	1.4522
%RSD	1.330084	3.055440	2.431279	1.182182	.2348603	.6499724	1.170027
#1	184.7754	.0030140	.3955699	.0507288	.1176624	.1506019	123.0896
#2	188.2840	.0031471	.4094089	.0515841	.1172723	.1492239	125.1433
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.67559**	**.0635133**	**59.22329**	**3.914649**	**.0088506**	**.5102703**	**.1275944**
Stddev	.08909	.0009094	.65062	.044889	.0001255	.0062350	.0001451
%RSD	.8345121	1.431863	1.098589	1.146690	1.418513	1.221898	.1137275
#1	10.61259	.0628703	58.76323	3.882908	.0089393	.5058615	.1274918
#2	10.73859	.0641564	59.68335	3.946391	.0087618	.5146791	.1276970
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-3-a Acquired: 11/19/2021 21:56:35 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1160026	.0032607	.0047281	1.574823	.0292489	.1881377	1.142992
Stddev	.0000166	.0005872	.0063024	.011398	.0026183	.0006650	.000732
%RSD	.0143050	18.00792	133.2955	.7237952	8.951810	.3534593	.0640045
#1	.1159909	.0028455	.0002717	1.582883	.0273975	.1886079	1.142474
#2	.1160144	.0036759	.0091845	1.566763	.0311003	.1876675	1.143509
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0054025	.1779150	.6502402
Stddev	.0000636	.0003897	.0026999
%RSD	1.177026	.2190546	.4152209
#1	.0053576	.1781906	.6483311
#2	.0054475	.1776394	.6521494
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1588.018	876.9819	5740.139	4339.967
Stddev	1.011	2.6759	11.241	8.130
%RSD	.0636343	.3051291	.1958288	.1873378
#1	1587.304	875.0898	5732.190	4334.217
#2	1588.733	878.8741	5748.087	4345.716

Sample Name: 500-208392-a-4-a Acquired: 11/19/2021 21:59:45 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025165	101.2158	.0699256	.0299529	.7489272	.0059284	-.004284
Stddev	.0004060	.2647	.0024651	.0004250	.0000169	.0000544	.003189
%RSD	16.13477	.2614873	3.525262	1.418892	.0022542	.9182896	74.43450
#1	.0028036	101.0287	.0716687	.0302534	.7489152	.0059669	-.006540
#2	.0022294	101.4030	.0681825	.0296524	.7489391	.0058899	-.002029
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	68.45192	.0029372	.5161456	.0776630	.1566151	.1456810	148.1889
Stddev	.99471	.0001004	.0180224	.0002132	.0002442	.0002774	1.1894
%RSD	1.453148	3.417207	3.491725	.2745593	.1559033	.1904034	.8026140
#1	67.74856	.0028662	.5034018	.0778138	.1567878	.1458772	147.3478
#2	69.15529	.0030082	.5288893	.0775122	.1564425	.1454849	149.0299
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.846878	.0717418	17.71150	5.333967	.0134659	.3802454	.1115968
Stddev	.130222	.0007353	.00649	.051194	.0001871	.0070183	.0001446
%RSD	1.322468	1.024918	.0366311	.9597737	1.389121	1.845741	.1295900
#1	9.938958	.0722618	17.70691	5.297767	.0135982	.3852081	.1116990
#2	9.754797	.0712219	17.71608	5.370167	.0133337	.3752827	.1114945
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-4-a Acquired: 11/19/2021 21:59:45 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1839516	.0063821	.0019678	1.476538	.0270288	.1373845	1.335655
Stddev	.0010037	.0026391	.0025193	.002372	.0027026	.0002530	.008776
%RSD	.5456190	41.35208	128.0244	.1606710	9.998798	.1841296	.6570377
#1	.1846613	.0045160	.0001864	1.474861	.0251178	.1372057	1.329450
#2	.1832419	.0082483	.0037492	1.478215	.0289398	.1375634	1.341861
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0017566	.2497178	.9164180
Stddev	.0009779	.0003118	.0051447
%RSD	55.66636	.1248752	.5613966
#1	.0024481	.2494973	.9200559
#2	.0010652	.2499383	.9127801
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1646.109	885.9277	5868.279	4429.545
Stddev	12.341	12.9062	12.183	41.875
%RSD	.7496797	1.456795	.2076148	.9453480
#1	1654.835	895.0537	5876.894	4399.936
#2	1637.383	876.8017	5859.664	4459.155

Sample Name: CCV Acquired: 11/19/2021 22:02:55 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5131870**	**49.07171**	**.5033387**	**.4974873**	**.5106200**	**.5264108**
Stddev	.0046909	.57364	.0020484	.0057830	.0042442	.0062876
%RSD	.9140641	1.168985	.4069527	1.162446	.8311964	1.194434
#1	.5098701	48.66608	.5018902	.4933981	.5076188	.5219648
#2	.5165039	49.47733	.5047871	.5015765	.5136211	.5308568
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5167316**	**25.26181**	**.5031657**	F **.0773109**	**.5267974**	**.5023156**
Stddev	.0004140	.35147	.0057795	.0120005	.0048058	.0056403
%RSD	.0801153	1.391324	1.148631	15.52236	.9122708	1.122870
#1	.5170244	25.01328	.4990790	.0857965	.5233992	.4983273
#2	.5164389	25.51034	.5072524	.0688252	.5301957	.5063039
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5047735**	**25.36603**	**49.01609**	**3.918529**	**24.87483**	**5.099198**
Stddev	.0046533	.39670	.40574	.043274	.27892	.060390
%RSD	.9218651	1.563901	.8277739	1.104349	1.121302	1.184306
#1	.5014831	25.08552	48.72919	3.887930	24.67761	5.056496
#2	.5080639	25.64654	49.30299	3.949129	25.07206	5.141900
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/19/2021 22:02:55 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4908680**	**24.82451**	**.5231111**	**.5208078**	**.4806524**	**.4971981**
Stddev	.0045411	.24214	.0058305	.0008796	.0073808	.0067490
%RSD	.9251185	.9754231	1.114590	.1688833	1.535577	1.357397
#1	.4876569	24.65329	.5189883	.5201858	.4754334	.4924259
#2	.4940790	24.99573	.5272340	.5214297	.4858714	.5019703
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.3045069**	**.5304645**	**.4965478**	**.5046295**	**.5066278**	**4.956991**
Stddev	.0009103	.0023775	.0037983	.0044284	.0024739	.053562
%RSD	.2989286	.4481865	.7649483	.8775616	.4883044	1.080534
#1	.3038632	.5287833	.4938620	.5014981	.5048785	4.919117
#2	.3051506	.5321456	.4992336	.5077608	.5083771	4.994865
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**.5346070**
Stddev	.0022761
%RSD	.4257466
#1	.5329976
#2	.5362165
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/19/2021 22:02:55 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1731.317	867.5817	5499.374	4336.637
Stddev	8.681	6.9973	24.191	8.044
%RSD	.5013823	.8065246	.4398831	.1854926
#1	1737.455	872.5295	5516.479	4342.325
#2	1725.179	862.6339	5482.268	4330.948

Sample Name: CCB Acquired: 11/19/2021 22:06:00 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000233**	**.0121987**	**-.000603**	**.0014643**	**-.000039**	**.0000919**	**.0011585**
Stddev	.0000824	.0037050	.001539	.0005461	.000077	.0000830	.0003823
%RSD	353.9934	30.37184	255.0507	37.29583	195.8482	90.24303	33.00188
#1	.0000815	.0148185	-.001692	.0018504	.000015	.0001506	.0014289
#2	-.000035	.0095789	.000485	.0010781	-.000094	.0000333	.0008882
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.007068**	**.0000248**	**.0027688**	**-.000207**	**.0006353**	**.0009400**	**.0475338**
Stddev	.000107	.0000937	.0089751	.000258	.0002936	.0002656	.0395813
%RSD	1.519936	378.1610	324.1515	124.9873	46.21569	28.25633	83.26998
#1	-.006992	-.000041	-.003578	-.000389	.0008429	.0011278	.0195455
#2	-.007144	.000091	.009115	-.000024	.0004277	.0007522	.0755220
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.030480**	**.0004643**	**.0014178**	**.0001943**	**-.000090**	**.0003543**	**-.000022**
Stddev	.002651	.0000870	.0049638	.0004894	.000246	.0007387	.000262
%RSD	8.698677	18.74412	350.1115	251.8993	274.1239	208.5135	1176.824
#1	-.032355	.0005259	.0049277	.0005403	.000084	.0008766	-.000207
#2	-.028605	.0004028	-.002092	-.000152	-.000264	-.000168	.000163
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 11/19/2021 22:06:00 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000997	-.000867	-.002866	.0009277	.0007292	.0000200	.0003329
Stddev	.000437	.003233	.002108	.0000492	.0000183	.0000112	.0001851
%RSD	43.78208	373.0870	73.55842	5.308923	2.515037	55.90012	55.59962
#1	-.000688	.001420	-.004357	.0009625	.0007422	.0000280	.0002020
#2	-.001306	-.003153	-.001375	.0008928	.0007162	.0000121	.0004637
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000274	.0005774	.0000014
Stddev	.000191	.0004670	.0000741
%RSD	69.60482	80.88770	5231.327
#1	-.000139	.0002472	.0000538
#2	-.000409	.0009076	-.000051
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1989.080	908.2974	5759.694	4361.359
Stddev	2.517	.3257	4.942	15.862
%RSD	.1265603	.0358532	.0857970	.3636878
#1	1990.860	908.5276	5756.199	4350.144
#2	1987.300	908.0671	5763.188	4372.575

Sample Name: 500-208392-a-5-a Acquired: 11/19/2021 22:09:17 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016705**	**70.08165**	**.0415729**	**.0207622**	**.5745039**	**.0051526**	**-.008567**
Stddev	.0003666	.38854	.0002891	.0005107	.0031761	.0000078	.000557
%RSD	21.94736	.5544115	.6952870	2.459957	.5528500	.1517299	6.499461
#1	.0014112	69.80691	.0417773	.0211234	.5722580	.0051471	-.008960
#2	.0019297	70.35639	.0413685	.0204011	.5767498	.0051581	-.008173
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**54.05689**	**.0019921**	**.4977431**	**.0679435**	**.1064551**	**.0817240**	**93.14604**
Stddev	.27775	.0001112	.0185085	.0010172	.0008886	.0004926	1.08258
%RSD	.5138172	5.582286	3.718490	1.497060	.8347376	.6028094	1.162239
#1	53.86049	.0019135	.4846556	.0672242	.1058267	.0820724	92.38054
#2	54.25329	.0020708	.5108306	.0686627	.1070834	.0813757	93.91154
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.546579**	**.0516955**	**11.03750**	**5.002567**	**.0071380**	**.2744373**	**.0821499**
Stddev	.015848	.0004158	.03245	.022634	.0000971	.0020961	.0007227
%RSD	.2857184	.8043115	.2940358	.4524448	1.360002	.7637888	.8797637
#1	5.535373	.0514015	11.01455	4.986563	.0072067	.2759195	.0816388
#2	5.557785	.0519895	11.06045	5.018572	.0070694	.2729551	.0826609
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-5-a Acquired: 11/19/2021 22:09:17 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1474609	.0027586	.0017022	1.605534	.0252675	.0997308	1.013405
Stddev	.0027691	.0014862	.0003698	.019861	.0001274	.0001010	.002547
%RSD	1.877857	53.87573	21.72297	1.237050	.5041391	.1012603	.2513133
#1	.1455028	.0017077	.0014407	1.619578	.0251774	.0998022	1.011604
#2	.1494189	.0038095	.0019636	1.591490	.0253576	.0996594	1.015206
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0031324	.1643335	.4197795
Stddev	.0043454	.0011456	.0042129
%RSD	138.7219	.6971275	1.003606
#1	.0062051	.1635234	.4168005
#2	.0000598	.1651435	.4227585
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1706.750	893.1782	5814.829	4371.556
Stddev	8.002	11.3207	42.203	12.963
%RSD	.4688486	1.267467	.7257805	.2965299
#1	1701.091	885.1732	5784.987	4362.390
#2	1712.408	901.1832	5844.671	4380.722

Sample Name: 500-208392-a-6-a Acquired: 11/19/2021 22:12:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017119**	**87.90066**	**.0755110**	**.0190717**	**.6844195**	**.0064778**	**-.004663**
Stddev	.0008829	.87841	.0020718	.0002801	.0067561	.0004569	.000501
%RSD	51.57142	.9993249	2.743719	1.468529	.9871342	7.053050	10.75355
#1	.0010877	87.27953	.0740461	.0192698	.6796422	.0068009	-.004309
#2	.0023362	88.52179	.0769760	.0188737	.6891968	.0061548	-.005018
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**33.22104**	**.0065387**	**.5409709**	**.0789692**	**.1910830**	**.3985116**	**160.1994**
Stddev	.01638	.0001184	.0007902	.0000976	.0011375	.0005879	.4748
%RSD	.0493160	1.810332	.1460768	.1235901	.5953120	.1475181	.2963805
#1	33.23263	.0064550	.5415297	.0790382	.1902786	.3980959	159.8637
#2	33.20946	.0066223	.5404122	.0789002	.1918874	.3989273	160.5352
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.347774**	**.0596691**	**13.91564**	**6.865047**	**.0112009**	**.3068318**	**.1167183**
Stddev	.058655	.0010353	.10274	.007646	.0002246	.0065579	.0002336
%RSD	1.096818	1.735034	.7383329	.1113686	2.005591	2.137312	.2001286
#1	5.306299	.0589370	13.84299	6.859641	.0113598	.3021947	.1168835
#2	5.389250	.0604011	13.98830	6.870454	.0110421	.3114690	.1165531
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-6-a Acquired: 11/19/2021 22:12:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9293845	.0065553	.0057420	1.786891	.0303708	.0584626	1.116446
Stddev	.0073185	.0004115	.0031621	.000299	.0031791	.0001366	.000119
%RSD	.7874571	6.277687	55.07088	.0167373	10.46749	.2336117	.0106650
#1	.9242095	.0068462	.0079779	1.787103	.0326187	.0583660	1.116361
#2	.9345594	.0062643	.0035060	1.786680	.0281228	.0585591	1.116530
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0032201	.2494123	3.723031
Stddev	.0012337	.0003332	.016691
%RSD	38.31119	.1335931	.4483187
#1	.0040925	.2496479	3.711229
#2	.0023478	.2491767	3.734833
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1687.115	892.3515	5900.024	4400.466
Stddev	.367	3.7634	4.520	1.184
%RSD	.0217689	.4217422	.0766100	.0268982
#1	1687.375	889.6904	5896.828	4401.303
#2	1686.855	895.0127	5903.220	4399.629

Sample Name: 500-208392-a-7-a Acquired: 11/19/2021 22:15:38 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022066	86.88881	.0511752	.0288344	.6406981	.0052827	-.007529
Stddev	.0001728	1.59016	.0013411	.0003634	.0087182	.0000645	.000603
%RSD	7.832618	1.830112	2.620547	1.260453	1.360737	1.220458	8.013254
#1	.0020844	85.76440	.0521235	.0285774	.6345333	.0053283	-.007956
#2	.0023288	88.01323	.0502269	.0290914	.6468628	.0052371	-.007103
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.61651	.0023524	.5144538	.0701504	.1185496	.1162044	114.1801
Stddev	.40736	.0001138	.0036474	.0000839	.0004716	.0001059	1.4040
%RSD	1.112507	4.838289	.7089794	.1195447	.3978099	.0911033	1.229619
#1	36.32846	.0022719	.5170329	.0702097	.1188831	.1161296	113.1873
#2	36.90456	.0024328	.5118747	.0700911	.1182161	.1162793	115.1728
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.612851	.0615324	12.00677	5.139831	.0122554	.2832330	.1070300
Stddev	.134954	.0014257	.16408	.062371	.0006693	.0073051	.0008060
%RSD	1.566892	2.316950	1.366551	1.213488	5.461726	2.579166	.7530306
#1	8.517424	.0605243	11.89075	5.095728	.0127287	.2780676	.1064601
#2	8.708278	.0625405	12.12279	5.183934	.0117821	.2883985	.1075999
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-7-a Acquired: 11/19/2021 22:15:38 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1250909	.0019557	.0012270	1.526243	.0241688	.0971883	1.260436
Stddev	.0026694	.0016437	.0003286	.010620	.0026889	.0001924	.002614
%RSD	2.133940	84.04810	26.78489	.6958519	11.12569	.1979840	.2074040
#1	.1269784	.0007934	.0014594	1.533753	.0260702	.0973244	1.262284
#2	.1232033	.0031180	.0009946	1.518734	.0222674	.0970522	1.258587
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0018734	.1937753	.4766270
Stddev	.0011623	.0009797	.0001454
%RSD	62.03968	.5056128	.0304989
#1	.0026953	.1944681	.4765242
#2	.0010516	.1930825	.4767298
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1701.864	895.6657	5872.819	4427.232
Stddev	2.271	.4970	17.686	31.339
%RSD	.1334421	.0554950	.3011574	.7078599
#1	1703.470	896.0172	5860.313	4449.392
#2	1700.258	895.3143	5885.325	4405.073

Sample Name: 500-208392-a-8-a Acquired: 11/19/2021 22:18:47 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009650	30.70581	.0224555	.0347966	.2832951	.0025399
Stddev	.0004591	.82695	.0017702	.0006683	.0071211	.0000918
%RSD	47.57791	2.693140	7.883009	1.920481	2.513657	3.614368
#1	.0006404	30.12107	.0212038	.0343241	.2782598	.0026048
#2	.0012897	31.29056	.0237072	.0352692	.2883305	.0024750
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010749	F 696.6884	.0014608	.2381211	.0459629	.0666582
Stddev	.002667	32.0743	.0000206	.0043882	.0000481	.0013294
%RSD	24.81274	4.603827	1.409070	1.842823	.1047559	1.994396
#1	-.012635	674.0085	.0014754	.2350182	.0459289	.0657181
#2	-.008863	719.3684	.0014463	.2412240	.0459969	.0675982
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0894329	64.59594	3.944501	.0406019	199.3941	3.904598
Stddev	.0009984	.62651	.137028	.0020440	3.5300	.021863
%RSD	1.116317	.9698905	3.473907	5.034233	1.770345	.5599353
#1	.0901388	65.03894	3.847608	.0391565	196.8980	3.920058
#2	.0887269	64.15293	4.041395	.0420472	201.8902	3.889139
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208392-a-8-a Acquired: 11/19/2021 22:18:47 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0052493**	**.7557757**	**.0749759**	**.0511033**	**.0027669**	**.0031752**
Stddev	.0009783	.0365371	.0010028	.0018238	.0019701	.0015172
%RSD	18.63671	4.834379	1.337426	3.568823	71.20292	47.78323
#1	.0059410	.7299401	.0756849	.0498137	.0041599	.0042480
#2	.0045575	.7816113	.0742668	.0523929	.0013738	.0021023
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.400199**	**.0256350**	**.5239729**	**.9530907**	**.0004382**	**.0927526**
Stddev	.001891	.0011810	.0019863	.0037345	.0012166	.0000137
%RSD	.1350826	4.606908	.3790818	.3918340	277.6244	.0148041
#1	1.401536	.0264700	.5253775	.9504500	.0012985	.0927623
#2	1.398861	.0247999	.5225684	.9557314	-.000422	.0927429
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.3250744**
Stddev	.0023113
%RSD	.7109991
#1	.3234401
#2	.3267087
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208392-a-8-a Acquired: 11/19/2021 22:18:47 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1406.599	798.9456	5191.449	4171.986
Stddev	3.689	1.9068	47.776	97.436
%RSD	.2622351	.2386628	.9202920	2.335487
#1	1409.207	800.2939	5157.666	4240.884
#2	1403.990	797.5973	5225.232	4103.088

Sample Name: 500-208392-a-9-a Acquired: 11/19/2021 22:22:04 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000045**	**17.43638**	**.0066424**	**.0370959**	**.2994889**	**.0009040**	**-.011104**
Stddev	.000451	.21449	.0001982	.0007327	.0010128	.0000507	.000330
%RSD	996.3631	1.230130	2.984409	1.975151	.3381817	5.607044	2.973281
#1	-.000364	17.28472	.0065022	.0365778	.2987727	.0008681	-.010871
#2	.000274	17.58805	.0067826	.0376140	.3002051	.0009398	-.011338
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**122.9366**	**.0020277**	**.0743930**	**.0142256**	**.0764657**	**.2305135**	**23.08904**
Stddev	4.4015	.0001545	.0099812	.0005166	.0004697	.0018029	.68455
%RSD	3.580324	7.620188	13.41681	3.631501	.6142361	.7821297	2.964845
#1	119.8242	.0021369	.0814507	.0138603	.0767978	.2317884	22.60498
#2	126.0489	.0019184	.0673352	.0145909	.0761336	.2292387	23.57309
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.394393**	**.0117270**	**33.24079**	**1.253825**	**.0051569**	**.7395722**	**.0405475**
Stddev	.020100	.0001122	.38281	.031464	.0002182	.0002443	.0008080
%RSD	.2394488	.9569881	1.151631	2.509431	4.230524	.0330373	1.992783
#1	8.380180	.0116476	32.97011	1.231577	.0050026	.7393994	.0399761
#2	8.408606	.0118063	33.51148	1.276074	.0053112	.7397449	.0411188
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-9-a Acquired: 11/19/2021 22:22:04 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0361267	.0015398	.0035083	1.352324	.0210230	.2011750	.8074875
Stddev	.0027524	.0014429	.0018338	.000332	.0005436	.0009103	.0023102
%RSD	7.618719	93.70429	52.27107	.0245840	2.585811	.4524850	.2861025
#1	.0380730	.0005196	.0022116	1.352089	.0206386	.2018187	.8091211
#2	.0341805	.0025601	.0048049	1.352560	.0214074	.2005313	.8058539
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0016407	.0329259	.5247211
Stddev	.0011538	.0005652	.0029343
%RSD	70.32383	1.716680	.5592088
#1	.0008248	.0333255	.5267960
#2	.0024565	.0325262	.5226463
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1676.721	814.0632	5445.276	4214.993
Stddev	8.534	7.4836	31.045	5.341
%RSD	.5089765	.9192895	.5701212	.1267072
#1	1682.755	819.3549	5423.324	4211.217
#2	1670.686	808.7715	5467.228	4218.769

Sample Name: 500-208392-a-10-a Acquired: 11/19/2021 22:25:15 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000525**	**16.12804**	**.0056317**	**.0305240**	**.2384991**	**.0010032**	**-.009630**
Stddev	.000928	.15910	.0040029	.0000296	.0008363	.0001906	.001817
%RSD	176.7894	.9864696	71.07918	.0968073	.3506472	18.99978	18.86851
#1	.000131	16.01554	.0084622	.0305031	.2379078	.0008684	-.008346
#2	-.001181	16.24054	.0028012	.0305449	.2390905	.0011379	-.010915
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**67.45089**	**.0018962**	**.0871573**	**.0145317**	**.0525799**	**.1694177**	**22.34878**
Stddev	1.72752	.0000178	.0042255	.0000831	.0001273	.0010407	.35597
%RSD	2.561146	.9385219	4.848091	.5718770	.2420593	.6142892	1.592778
#1	66.22935	.0019088	.0841694	.0144729	.0524899	.1701536	22.09708
#2	68.67243	.0018836	.0901451	.0145905	.0526699	.1686818	22.60049
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.888455**	**.0114433**	**24.12438**	**1.236344**	**.0038843**	**.8106447**	**.0306721**
Stddev	.014945	.0001671	.06878	.019981	.0000721	.0005164	.0005843
%RSD	.2169571	1.460163	.2851179	1.616165	1.856509	.0636992	1.905102
#1	6.899023	.0115614	24.07574	1.222215	.0038333	.8110099	.0302589
#2	6.877887	.0113251	24.17302	1.250473	.0039353	.8102796	.0310853
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208392-a-10-a Acquired: 11/19/2021 22:25:15 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5619486	.0007925	.0036823	1.361586	.0235913	.1525678	.8368978
Stddev	.0017774	.0007083	.0013010	.003333	.0008874	.0001854	.0009184
%RSD	.3162970	89.36947	35.33115	.2447862	3.761421	.1215347	.1097415
#1	.5632054	.0002917	.0046022	1.359229	.0242188	.1526989	.8362483
#2	.5606918	.0012934	.0027623	1.363943	.0229638	.1524367	.8375472
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000080	.0349643	1.063158
Stddev	.001189	.0010502	.001686
%RSD	1494.364	3.003665	.1585729
#1	.000761	.0357070	1.061966
#2	-.000920	.0342217	1.064350
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.917	841.0838	5530.730	4217.638
Stddev	7.777	3.6572	1.367	10.590
%RSD	.4434139	.4348166	.0247159	.2510775
#1	1759.417	843.6698	5531.697	4210.150
#2	1748.418	838.4978	5529.764	4225.126

Sample Name: 500-208410-d-1-c Acquired: 11/19/2021 22:28:25 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015954**	**83.15887**	**.0786569**	**.1128526**	**.1870046**	**.0067475**	**-.001639**
Stddev	.0005990	.71185	.0000638	.0002811	.0009551	.0000177	.001437
%RSD	37.54413	.8560149	.0811775	.2491037	.5107072	.2625460	87.62695
#1	.0020189	82.65552	.0786117	.1130514	.1863293	.0067600	-.000624
#2	.0011718	83.66223	.0787020	.1126538	.1876799	.0067350	-.002655
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**346.8320**	**.0012343**	**.4364858**	**.1228037**	**.1524356**	**.1660637**	**199.8202**
Stddev	3.3687	.0001149	.0018181	.0002311	.0006224	.0004843	1.7814
%RSD	.9712785	9.310645	.4165301	.1881994	.4083096	.2916234	.8915141
#1	344.4500	.0011530	.4377714	.1226403	.1528757	.1657212	198.5605
#2	349.2141	.0013156	.4352002	.1229671	.1519955	.1664061	201.0798
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.90952**	**.2145208**	**215.3761**	**3.445750**	**.0491974**	**1.547989**	**.2765131**
Stddev	.07681	.0000924	.9793	.033835	.0002266	.003640	.0019426
%RSD	.3212587	.0430951	.4546876	.9819481	.4605474	.2351682	.7025429
#1	23.85521	.2144554	214.6836	3.421825	.0490372	1.545415	.2751395
#2	23.96384	.2145862	216.0685	3.469675	.0493576	1.550563	.2778867
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208410-d-1-c Acquired: 11/19/2021 22:28:25 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1362166	.0065653	.0021828	1.846712	.0245828	.2849273	.8640177
Stddev	.0001033	.0010325	.0008843	.017402	.0005288	.0004002	.0035257
%RSD	.0758247	15.72643	40.51092	.9423303	2.150896	.1404619	.4080623
#1	.1362897	.0058352	.0028080	1.859017	.0242089	.2852103	.8665108
#2	.1361436	.0072953	.0015575	1.834407	.0249567	.2846443	.8615247
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0108962	.1333592	.5639303
Stddev	.0001703	.0009100	.0005481
%RSD	1.562966	.6823926	.0971952
#1	.0107757	.1340027	.5635427
#2	.0110166	.1327157	.5643179
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1486.759	847.3996	5500.501	4248.554
Stddev	.204	.9384	7.068	18.998
%RSD	.0136897	.1107383	.1285032	.4471680
#1	1486.903	846.7360	5505.499	4235.121
#2	1486.616	848.0631	5495.503	4261.988

Sample Name: 500-208410-d-2-c Acquired: 11/19/2021 22:31:35 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016087	75.42282	.0680950	.1240105	.3798449	.0062574
Stddev	.0003405	.55342	.0002889	.0005601	.0012218	.0001452
%RSD	21.16278	.7337577	.4242370	.4516432	.3216585	2.320998
#1	.0013680	75.03150	.0678908	.1236145	.3789809	.0061547
#2	.0018494	75.81415	.0682993	.1244065	.3807088	.0063601
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006481	F 681.4740	.0017958	.4467645	.0918840	.1275592
Stddev	.000422	37.2107	.0000278	.0073562	.0003486	.0005854
%RSD	6.511292	5.460325	1.545290	1.646560	.3794368	.4589632
#1	-.006183	655.1620	.0018154	.4519662	.0921305	.1279732
#2	-.006780	707.7859	.0017762	.4415629	.0916375	.1271452
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1647977	165.3084	21.35743	.1744188	283.2797	3.525516
Stddev	.0003562	.3954	.17809	.0015455	.7991	.002253
%RSD	.2161323	.2391997	.8338560	.8860733	.2820753	.0639073
#1	.1645458	165.0288	21.23150	.1733259	282.7147	3.527109
#2	.1650495	165.5880	21.48336	.1755116	283.8448	3.523923
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208410-d-2-c Acquired: 11/19/2021 22:31:35 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0420888	1.902840	.2337545	.1051135	.0039052	.0016924
Stddev	.0001103	.013350	.0021019	.0024246	.0018301	.0007998
%RSD	.2620325	.7015765	.8992041	2.306609	46.86362	47.25806
#1	.0421668	1.893400	.2322682	.1068279	.0051993	.0011269
#2	.0420108	1.912279	.2352408	.1033991	.0026111	.0022580
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.993517	.0277628	.6537091	1.318745	.0093070	.1665188
Stddev	.010603	.0017305	.0023933	.000558	.0026482	.0000288
%RSD	.5318812	6.233174	.3661048	.0422821	28.45403	.0173029
#1	1.986019	.0289865	.6520168	1.319139	.0111796	.1664985
#2	2.001014	.0265392	.6554014	1.318351	.0074345	.1665392
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.5670225
Stddev	.0037435
%RSD	.6602055
#1	.5643754
#2	.5696696
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208410-d-2-c Acquired: 11/19/2021 22:31:35 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1378.368	840.8505	5452.315	4313.127
Stddev	6.677	1.7590	12.478	6.487
%RSD	.4844368	.2091877	.2288608	.1503954
#1	1383.089	842.0943	5461.139	4308.541
#2	1373.646	839.6067	5443.492	4317.714

Sample Name: 500-208410-d-3-c Acquired: 11/19/2021 22:34:53 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026494	85.18072	.0933812	.1298971	.2106149	.0073330	.0006042
Stddev	.0006590	.92623	.0035785	.0002850	.0014664	.0000537	.0001015
%RSD	24.87282	1.087368	3.832112	.2194097	.6962400	.7319866	16.80593
#1	.0021835	84.52578	.0908508	.1296955	.2095780	.0073709	.0005324
#2	.0031154	85.83567	.0959115	.1300986	.2116518	.0072950	.0006760
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	372.3240	.0016856	.4483748	.1395228	.1544747	.2228069	206.3166
Stddev	8.2641	.0000053	.0011179	.0008172	.0015378	.0001092	3.3231
%RSD	2.219608	.3138955	.2493238	.5857320	.9954676	.0489924	1.610690
#1	366.4803	.0016818	.4475843	.1389450	.1533873	.2228841	203.9668
#2	378.1676	.0016893	.4491653	.1401007	.1555620	.2227297	208.6664
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.00930	.2100781	219.1908	3.485582	.0550493	1.556372	.3256706
Stddev	.13116	.0001371	2.2415	.055246	.0015657	.005767	.0006752
%RSD	.4856180	.0652530	1.022635	1.584985	2.844249	.3705505	.2073270
#1	26.91655	.2101751	217.6058	3.446518	.0539422	1.552294	.3251931
#2	27.10204	.2099812	220.7758	3.524647	.0561564	1.560450	.3261480
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208410-d-3-c Acquired: 11/19/2021 22:34:53 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1646597	.0053190	-.000486	1.835772	.0261718	.2995776	.7825401
Stddev	.0004639	.0020451	.000838	.024379	.0009931	.0003108	.0006994
%RSD	.2817070	38.44826	172.3988	1.327972	3.794401	.1037515	.0893757
#1	.1643317	.0067651	-.001079	1.818533	.0268740	.2997974	.7820455
#2	.1649877	.0038729	.000106	1.853010	.0254696	.2993578	.7830346
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0157465	.1472190	.6992614
Stddev	.0001127	.0000052	.0003626
%RSD	.7159944	.0035427	.0518605
#1	.0156667	.1472227	.6995179
#2	.0158262	.1472153	.6990050
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1475.210	864.7457	5578.621	4339.231
Stddev	4.296	2.8280	.628	3.838
%RSD	.2911872	.3270374	.0112625	.0884437
#1	1478.248	866.7454	5578.177	4336.517
#2	1472.173	862.7460	5579.065	4341.945

Sample Name: 500-208410-d-4-c Acquired: 11/19/2021 22:38:03 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0020059**	**59.37952**	**.0694897**	**.0987848**	**.2762020**	**.0052311**	**-.004818**
Stddev	.0004990	.52804	.0035247	.0000747	.0012594	.0001263	.000069
%RSD	24.87878	.8892702	5.072317	.0756376	.4559563	2.415005	1.442483
#1	.0016530	59.00613	.0719820	.0987320	.2753115	.0051418	-.004867
#2	.0023587	59.75290	.0669973	.0988377	.2770925	.0053204	-.004768
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**549.0159**	**.0016937**	**.3989264**	**.0866147**	**.1092451**	**.1559638**	**149.3477**
Stddev	1.4137	.0000318	.0028768	.0001234	.0011527	.0001853	2.0844
%RSD	.2574957	1.879075	.7211420	.1424671	1.055107	.1188287	1.395661
#1	550.0155	.0017162	.3968922	.0867019	.1100601	.1558328	147.8738
#2	548.0163	.0016712	.4009606	.0865274	.1084300	.1560949	150.8215
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**17.34199**	**.1368936**	**241.2333**	**3.143279**	**.0423050**	**1.424852**	**.2004095**
Stddev	.00950	.0012531	1.5812	.043217	.0003720	.004238	.0000281
%RSD	.0547561	.9153921	.6554653	1.374904	.8792567	.2974534	.0140395
#1	17.33527	.1377797	240.1152	3.112720	.0420420	1.427849	.2003896
#2	17.34870	.1360075	242.3514	3.173838	.0425680	1.421855	.2004294
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208410-d-4-c Acquired: 11/19/2021 22:38:03 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1024375	.0044489	.0015446	1.721359	.0264500	.4753800	1.201172
Stddev	.0021830	.0008980	.0027082	.011784	.0000332	.0002705	.000722
%RSD	2.131056	20.18334	175.3328	.6846037	.1254138	.0569010	.0600663
#1	.1008938	.0038140	-.000370	1.729692	.0264266	.4755713	1.201683
#2	.1039811	.0050839	.003460	1.713026	.0264735	.4751887	1.200662
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0070696	.1402687	.5126699
Stddev	.0003488	.0009744	.0018173
%RSD	4.933882	.6946689	.3544808
#1	.0073162	.1409577	.5113849
#2	.0068230	.1395797	.5139550
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1446.479	863.6307	5515.368	4286.624
Stddev	5.949	3.9250	7.492	12.103
%RSD	.4112665	.4544742	.1358411	.2823504
#1	1442.273	860.8553	5520.666	4278.066
#2	1450.686	866.4061	5510.070	4295.182

Sample Name: CCV Acquired: 11/19/2021 22:41:19 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5127491**	**48.31260**	**.4946203**	**.4861500**	**.5025624**	**.5257642**
Stddev	.0022595	.34373	.0075097	.0064621	.0046733	.0012749
%RSD	.4406604	.7114719	1.518286	1.329247	.9298870	.2424795
#1	.5143468	48.06954	.4893101	.4815806	.4992579	.5248627
#2	.5111514	48.55565	.4999305	.4907195	.5058669	.5266657
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5173880**	**25.60370**	**.4984540**	F **.0893605**	**.5290567**	**.5049276**
Stddev	.0018109	.00175	.0016127	.0074175	.0022165	.0004602
%RSD	.3500003	.0068300	.3235382	8.300642	.4189463	.0911460
#1	.5161075	25.60494	.4973137	.0841155	.5306240	.5052530
#2	.5186685	25.60246	.4995944	.0946054	.5274895	.5046022
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4925791**	**25.39991**	**47.61619**	**3.803532**	**24.52369**	**5.086194**
Stddev	.0021886	.17588	.41720	.046768	.23519	.010824
%RSD	.4443195	.6924435	.8761631	1.229584	.9590363	.2128208
#1	.4941267	25.27555	47.32119	3.770462	24.35738	5.078540
#2	.4910315	25.52428	47.91119	3.836601	24.68999	5.093849
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/19/2021 22:41:19 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4825770	24.13182	.5260018	.5217543	.4703313	.4853233
Stddev	.0043433	.26531	.0002039	.0020579	.0051745	.0040107
%RSD	.9000160	1.099406	.0387559	.3944109	1.100183	.8264036
#1	.4795058	23.94422	.5261460	.5202992	.4666724	.4824873
#2	.4856482	24.31942	.5258577	.5232095	.4739903	.4881593
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .2996562	.5296409	.4874597	.4966614	.5051348	4.919039
Stddev	.0025292	.0000773	.0003985	.0004746	.0013304	.001559
%RSD	.8440471	.0145998	.0817433	.0955596	.2633677	.0316885
#1	.2978677	.5295862	.4877415	.4969969	.5041941	4.917936
#2	.3014446	.5296956	.4871780	.4963258	.5060755	4.920141
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	.5402337
Stddev	.0048011
%RSD	.8887181
#1	.5436286
#2	.5368388
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/19/2021 22:41:19 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1745.371	889.4681	5610.325	4363.060
Stddev	18.893	16.9233	3.760	6.428
%RSD	1.082457	1.902627	.0670142	.1473367
#1	1758.730	901.4347	5612.984	4367.605
#2	1732.011	877.5015	5607.667	4358.514

Sample Name: CCB Acquired: 11/19/2021 22:44:24 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000305**	**.0165620**	**-.001786**	**.0007482**	**.0000163**	**-.000080**
Stddev	.000270	.0007445	.000564	.0000008	.0000029	.000150
%RSD	88.38454	4.494961	31.57910	.1018040	17.89557	187.2343
#1	-.000495	.0160356	-.002185	.0007477	.0000183	-.000186
#2	-.000114	.0170884	-.001387	.0007488	.0000142	.000026
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000600**	**-.004320**	**.0000451**	F **-.005936**	**-.000264**	**.0008559**
Stddev	.0000051	.001149	.0002001	.003807	.000060	.0007369
%RSD	8.453524	26.59199	443.9691	64.13701	22.67328	86.09639
#1	.0000564	-.005133	-.000096	-.003244	-.000307	.0003348
#2	.0000635	-.003508	.000187	-.008628	-.000222	.0013770
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008284**	**.0506831**	**-.012655**	**.0001705**	**-.010297**	**.0000312**
Stddev	.0000622	.0260707	.002851	.0002271	.006942	.0001298
%RSD	7.503732	51.43872	22.53226	133.1651	67.41775	415.8791
#1	.0008723	.0322483	-.010639	.0003311	-.005388	-.000061
#2	.0007844	.0691179	-.014671	.0000100	-.015206	.000123
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/19/2021 22:44:24 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000282**	**.0024829**	**.0004619**	**-.000075**	**-.000462**	**-.000181**
Stddev	.000225	.0003294	.0006572	.000251	.001724	.002318
%RSD	79.88565	13.26811	142.2954	335.7562	373.1308	1277.974
#1	-.000441	.0022500	-.000003	-.000253	.000757	.001458
#2	-.000123	.0027159	.000927	.000103	-.001681	-.001821
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003443**	**.0017220**	**.0000280**	**.0005629**	**.0008162**	**.0005344**
Stddev	.0006941	.0020211	.0000119	.0009034	.0010182	.0006160
%RSD	201.6185	117.3743	42.48303	160.4736	124.7530	115.2650
#1	.0008351	.0002928	.0000364	.0012017	.0000962	.0000988
#2	-.000147	.0031511	.0000196	-.000076	.0015361	.0009700
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.0001350**
Stddev	.0005231
%RSD	387.4613
#1	.0005049
#2	-.000235
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/19/2021 22:44:24 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1980.339	896.7323	5745.198	4358.383
Stddev	.096	.3428	20.236	15.715
%RSD	.0048684	.0382269	.3522293	.3605746
#1	1980.270	896.4899	5759.507	4369.496
#2	1980.407	896.9747	5730.889	4347.271

Sample Name: 500-208410-d-5-c Acquired: 11/19/2021 22:47:43 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0023435**	**57.43084**	**.0733050**	**.1026591**	**.1953076**	**.0051491**	**-.005657**
Stddev	.0001877	.18953	.0030451	.0000864	.0002937	.0000079	.000075
%RSD	8.010435	.3300158	4.154012	.0841265	.1503744	.1535161	1.318898
#1	.0024762	57.29682	.0711518	.1025981	.1950999	.0051547	-.005605
#2	.0022107	57.56486	.0754583	.1027202	.1955153	.0051435	-.005710
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**444.3838**	**.0016795**	**.3475917**	**.0871991**	**.1038154**	**.1581616**	**140.3382**
Stddev	8.2467	.0002565	.0099487	.0007449	.0008768	.0001524	2.5091
%RSD	1.855767	15.27499	2.862190	.8542969	.8445360	.0963304	1.787874
#1	438.5525	.0014981	.3546265	.0877258	.1044354	.1582694	138.5640
#2	450.2151	.0018609	.3405569	.0866723	.1031955	.1580539	142.1124
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**18.98331**	**.1347427**	**219.9739**	**2.865222**	**.0505217**	**1.289778**	**.2099845**
Stddev	.22550	.0023608	1.5312	.049418	.0003987	.020574	.0016175
%RSD	1.187877	1.752078	.6960710	1.724744	.7890919	1.595167	.7702990
#1	19.14276	.1364120	218.8912	2.830279	.0502399	1.304326	.2088407
#2	18.82386	.1330734	221.0566	2.900166	.0508036	1.275230	.2111282
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208410-d-5-c Acquired: 11/19/2021 22:47:43 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1194616	.0051285	.0042359	1.734860	.0256167	.3205028	.8204446
Stddev	.0031489	.0006910	.0008245	.010274	.0003889	.0004387	.0011006
%RSD	2.635892	13.47371	19.46404	.5922045	1.518047	.1368775	.1341531
#1	.1216882	.0046399	.0036529	1.727596	.0253417	.3208130	.8196663
#2	.1172350	.0056171	.0048189	1.742125	.0258917	.3201926	.8212228
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0092601	.1209154	.4843842
Stddev	.0014221	.0002067	.0029372
%RSD	15.35743	.1709639	.6063775
#1	.0082545	.1210616	.4864611
#2	.0102657	.1207692	.4823073
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1438.067	819.8503	5414.785	4198.628
Stddev	6.135	4.0128	6.072	43.302
%RSD	.4265842	.4894576	.1121442	1.031340
#1	1442.404	822.6878	5410.492	4168.009
#2	1433.729	817.0128	5419.079	4229.247

Sample Name: 500-208410-d-6-c Acquired: 11/19/2021 22:50:56 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015052	67.58767	.1144060	.1090214	.1384946	.0065963	-.002114
Stddev	.0002673	.39678	.0026199	.0003688	.0006897	.0001468	.001875
%RSD	17.75856	.5870622	2.290024	.3382441	.4980018	2.226063	88.66927
#1	.0013162	67.30711	.1125534	.1087606	.1380069	.0064924	-.000789
#2	.0016942	67.86824	.1162585	.1092821	.1389823	.0067001	-.003440
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	492.4868	.0023076	.4012165	.1324311	.1226993	.2575348	212.5351
Stddev	2.9387	.0002549	.0241635	.0008870	.0019685	.0024303	2.3407
%RSD	.5966982	11.04672	6.022566	.6697625	1.604353	.9436753	1.101306
#1	490.4089	.0024879	.3841303	.1318039	.1240913	.2558163	210.8800
#2	494.5648	.0021274	.4183027	.1330583	.1213074	.2592533	214.1902
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.57421	.1726428	272.3163	3.961584	.0815535	1.528620	.2924706
Stddev	.09064	.0001956	1.8583	.042772	.0000386	.003289	.0035623
%RSD	.4015269	.1132947	.6823983	1.079679	.0473615	.2151902	1.217991
#1	22.63830	.1727812	271.0023	3.931340	.0815808	1.530946	.2899517
#2	22.51011	.1725046	273.6303	3.991829	.0815261	1.526294	.2949895
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208410-d-6-c Acquired: 11/19/2021 22:50:56 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3321158	.0054792	.0029668	1.796446	.0268747	.2857596	.7718956
Stddev	.0019591	.0013388	.0029089	.013597	.0014188	.0001926	.0019894
%RSD	.5898914	24.43501	98.04705	.7568641	5.279274	.0673915	.2577276
#1	.3307305	.0064259	.0050237	1.786832	.0278780	.2856234	.7733023
#2	.3335012	.0045325	.0009099	1.806060	.0258715	.2858958	.7704889
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0143835	.1262599	.8787642
Stddev	.0022250	.0003294	.0054548
%RSD	15.46907	.2608646	.6207371
#1	.0128102	.1264928	.8749071
#2	.0159568	.1260270	.8826213
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1429.126	834.1150	5397.922	4191.716
Stddev	.539	1.1462	27.150	7.966
%RSD	.0377283	.1374168	.5029668	.1900514
#1	1429.507	834.9255	5417.120	4186.083
#2	1428.745	833.3046	5378.724	4197.349

Sample Name: 500-208447-a-1-a Acquired: 11/19/2021 22:54:13 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0036898**	**162.1178**	**.1063736**	**.0105173**	**.7460092**	**.0110712**	**.0035887**
Stddev	.0011087	1.2472	.0041123	.0003574	.0050464	.0001430	.0016292
%RSD	30.04886	.7693229	3.865871	3.398075	.6764518	1.291269	45.39895
#1	.0029058	161.2359	.1034658	.0102646	.7424409	.0109701	.0047407
#2	.0044738	162.9998	.1092814	.0107701	.7495776	.0111723	.0024366
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**28.01906**	**.0011917**	**.7548917**	**.0899999**	**.3159840**	**.1603582**	**238.6090**
Stddev	.01715	.0000095	.0340407	.0006854	.0019860	.0008494	1.5066
%RSD	.0612071	.7963684	4.509345	.7615095	.6285257	.5296977	.6314010
#1	28.00694	.0011984	.7308213	.0895153	.3145797	.1609588	237.5437
#2	28.03119	.0011850	.7789620	.0904845	.3173884	.1597576	239.6743
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.383886**	**.1028833**	**15.37272**	**3.637677**	**.0206439**	**.3484154**	**.1821248**
Stddev	.073986	.0007461	.06191	.022330	.0008633	.0054853	.0001440
%RSD	.8824816	.7252072	.4027324	.6138634	4.181805	1.574351	.0790436
#1	8.331570	.1023557	15.32894	3.621887	.0212543	.3445367	.1820230
#2	8.436202	.1034109	15.41649	3.653467	.0200335	.3522940	.1822266
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-1-a Acquired: 11/19/2021 22:54:13 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2366118	.0038370	.0022016	1.388294	.0326850	.0839020	1.157588
Stddev	.0006635	.0017829	.0016087	.000186	.0009370	.0000344	.001416
%RSD	.2804368	46.46729	73.07090	.0134263	2.866666	.0410576	.1223424
#1	.2361426	.0050977	.0033391	1.388162	.0333475	.0839263	1.156587
#2	.2370810	.0025762	.0010641	1.388426	.0320225	.0838776	1.158589
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0067586	.3994524	.6205663
Stddev	.0017352	.0012284	.0020353
%RSD	25.67362	.3075130	.3279771
#1	.0055316	.3985838	.6191271
#2	.0079855	.4003210	.6220055
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1665.546	963.1459	6229.461	4700.576
Stddev	2.100	4.5142	24.717	25.759
%RSD	.1260612	.4686885	.3967720	.5479921
#1	1664.061	959.9539	6211.984	4682.362
#2	1667.030	966.3379	6246.939	4718.790

Sample Name: 500-208447-a-2-a Acquired: 11/19/2021 22:57:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012670	72.87331	.0421818	.0343673	.9457674	.0050107	-.006326
Stddev	.0000223	1.03818	.0000113	.0000107	.0115012	.0001738	.000847
%RSD	1.757014	1.424637	.0267944	.0312364	1.216066	3.467828	13.38193
#1	.0012513	72.13921	.0421738	.0343749	.9376348	.0048878	-.005728
#2	.0012827	73.60741	.0421898	.0343597	.9538999	.0051335	-.006925
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	86.97078	.0022427	.5230595	.0651085	.1001119	.1111901	106.7209
Stddev	.67844	.0000022	.0063693	.0001896	.0000028	.0009587	1.0982
%RSD	.7800746	.0963048	1.217706	.2911265	.0028088	.8622269	1.029068
#1	86.49105	.0022443	.5185557	.0649745	.1001139	.1118680	105.9443
#2	87.45050	.0022412	.5275633	.0652425	.1001099	.1105122	107.4975
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.476685	.0592710	22.18281	6.430013	.0069871	.4672319	.1072949
Stddev	.161368	.0010776	.21591	.072914	.0003598	.0113616	.0000052
%RSD	1.903672	1.818039	.9733025	1.133969	5.150014	2.431687	.0048326
#1	8.362581	.0585091	22.03014	6.378455	.0072416	.4591980	.1072912
#2	8.590790	.0600330	22.33548	6.481572	.0067327	.4752658	.1072986
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-2-a Acquired: 11/19/2021 22:57:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1163206	.0011087	.0044087	1.287053	.0259509	.1776334	1.284757
Stddev	.0010756	.0015054	.0052975	.008214	.0001830	.0005665	.002801
%RSD	.9246797	135.7750	120.1615	.6382103	.7050570	.3188888	.2179993
#1	.1170811	.0000443	.0081545	1.281245	.0258215	.1780340	1.282776
#2	.1155600	.0021732	.0006628	1.292861	.0260803	.1772329	1.286737
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0020315	.1675677	.4980414
Stddev	.0007436	.0012362	.0026086
%RSD	36.60385	.7377076	.5237630
#1	.0025573	.1684418	.4961969
#2	.0015057	.1666937	.4998859
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1675.880	920.9774	5997.441	4446.351
Stddev	.825	.6299	37.000	9.405
%RSD	.0492186	.0683928	.6169337	.2115193
#1	1676.463	920.5321	5971.278	4453.002
#2	1675.297	921.4228	6023.605	4439.701

Sample Name: 500-208447-a-3-a Acquired: 11/19/2021 23:00:33 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023521	111.6434	.0653813	.0143428	.8666828	.0058436	-.001813
Stddev	.0004235	1.9735	.0023881	.0002548	.0141345	.0000821	.001718
%RSD	18.00631	1.767667	3.652637	1.776267	1.630872	1.404551	94.74692
#1	.0020527	110.2479	.0636926	.0145230	.8566882	.0057855	-.000598
#2	.0026516	113.0389	.0670700	.0141627	.8766774	.0059016	-.003028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.04178	.0009864	.7287852	.1135730	.1556247	.1014330	154.2043
Stddev	.07250	.0000818	.0019554	.0009165	.0009727	.0002178	1.8174
%RSD	.7220227	8.290110	.2683043	.8069365	.6250162	.2147638	1.178578
#1	9.99051	.0010442	.7274026	.1129250	.1549369	.1012789	152.9192
#2	10.09305	.0009286	.7301679	.1142211	.1563125	.1015870	155.4894
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.546417	.0795705	12.38872	8.126807	.0100032	.3318982	.1154510
Stddev	.206578	.0018490	.14650	.098085	.0000558	.0096525	.0018610
%RSD	2.417134	2.323675	1.182553	1.206927	.5581412	2.908281	1.611958
#1	8.400344	.0782631	12.28513	8.057450	.0100427	.3250729	.1141351
#2	8.692490	.0808779	12.49232	8.196163	.0099637	.3387236	.1167669
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-3-a Acquired: 11/19/2021 23:00:33 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2098089	.0012912	.0050399	1.260968	.0259336	.0536708	1.450243
Stddev	.0036531	.0016884	.0019021	.000273	.0003665	.0001227	.004305
%RSD	1.741171	130.7682	37.74162	.0216448	1.413174	.2286849	.2968759
#1	.2072258	.0024851	.0036949	1.261161	.0256744	.0535840	1.447199
#2	.2123921	.0000973	.0063849	1.260775	.0261927	.0537575	1.453287
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0041841	.2539631	.4563754
Stddev	.0005701	.0004096	.0020968
%RSD	13.62454	.1612895	.4594416
#1	.0045872	.2542527	.4548927
#2	.0037810	.2536735	.4578580
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.944	954.1138	6118.855	4578.236
Stddev	4.074	3.5543	18.673	9.020
%RSD	.2364694	.3725272	.3051670	.1970185
#1	1725.825	951.6005	6132.059	4584.614
#2	1720.063	956.6271	6105.651	4571.858

Sample Name: 500-208447-a-4-a Acquired: 11/19/2021 23:03:43 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008012**	**41.42103**	**.0455952**	**.1083802**	**.7166184**	**.0057890**	**-.006798**
Stddev	.0003601	.41950	.0015352	.0001672	.0055665	.0000918	.000828
%RSD	44.94676	1.012766	3.366966	.1542552	.7767710	1.585529	12.18306
#1	.0010558	41.12440	.0445097	.1084985	.7126823	.0058539	-.006212
#2	.0005466	41.71766	.0466808	.1082620	.7205545	.0057241	-.007384
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**203.8296**	**.0040495**	**.2677527**	**.0366866**	**.0818928**	**.1375777**	**82.03270**
Stddev	2.1013	.0000356	.0167053	.0002360	.0010604	.0005190	.96163
%RSD	1.030932	.8800995	6.239080	.6433305	1.294797	.3772621	1.172250
#1	202.3438	.0040747	.2559403	.0368535	.0811430	.1372107	81.35272
#2	205.3155	.0040243	.2795651	.0365197	.0826425	.1379447	82.71267
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.465863**	**.0380892**	**18.85151**	**4.035202**	**.0084096**	**.6044874**	**.0957784**
Stddev	.047246	.0006889	.11142	.035426	.0004315	.0032430	.0014073
%RSD	.7307017	1.808741	.5910210	.8779311	5.131483	.5364956	1.469330
#1	6.432454	.0376020	18.77273	4.010152	.0087148	.6021942	.0967736
#2	6.499271	.0385763	18.93030	4.060252	.0081045	.6067806	.0947833
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-4-a Acquired: 11/19/2021 23:03:43 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1069287	.0032604	.0037785	1.364810	.0250274	.3596105	1.027807
Stddev	.0008234	.0021046	.0010972	.000670	.0000634	.0013228	.002555
%RSD	.7700565	64.54908	29.03800	.0490737	.2531860	.3678355	.2486355
#1	.1063464	.0017722	.0030026	1.364337	.0249826	.3586752	1.026000
#2	.1075109	.0047485	.0045543	1.365284	.0250723	.3605459	1.029614
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0045928	.1181395	.5316020
Stddev	.0023850	.0008703	.0022689
%RSD	51.92894	.7366789	.4268111
#1	.0062792	.1187550	.5299976
#2	.0029063	.1175241	.5332064
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1631.424	857.0043	5592.010	4266.238
Stddev	3.699	4.5763	28.081	2.589
%RSD	.2267532	.5339862	.5021711	.0606748
#1	1628.808	853.7684	5611.866	4264.408
#2	1634.040	860.2403	5572.153	4268.068

Sample Name: ms 500-629718/1-a Acquired: 11/19/2021 23:07:14 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000008**	**.0402332**	**-.003084**	**.0005152**	**.0003222**	**-.000179**	**-.011487**
Stddev	.000699	.0010112	.000564	.0000416	.0000622	.000152	.000030
%RSD	8835.679	2.513324	18.28895	8.075024	19.30060	84.85122	.2649208
#1	-.000502	.0395182	-.003483	.0004857	.0002782	-.000287	-.011466
#2	.000486	.0409483	-.002685	.0005446	.0003661	-.000072	-.011509
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0287766**	**.0005338**	**.0004339**	**-.000925**	**.0070185**	**.0008779**	**.1292151**
Stddev	.0018372	.0000488	.0024143	.000237	.0006514	.0001279	.0048149
%RSD	6.384216	9.144044	556.4208	25.59391	9.281512	14.56415	3.726273
#1	.0300756	.0004993	.0021410	-.001092	.0074791	.0009683	.1258105
#2	.0274775	.0005683	-.001273	-.000758	.0065578	.0007875	.1326198
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012233**	**.0001862**	**.0148452**	**.0008558**	**.0008897**	**.0907629**	**-.001518**
Stddev	.0112008	.0003898	.0111933	.0004908	.0003600	.0006841	.000203
%RSD	915.6432	209.3819	75.40034	57.35129	40.46389	.7537599	13.35128
#1	-.006697	.0004618	.0069303	.0005087	.0011442	.0902791	-.001375
#2	.009143	-.000089	.0227601	.0012028	.0006351	.0912466	-.001662
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: ms 500-629718/1-a Acquired: 11/19/2021 23:07:14 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001445**	**.0019720**	**-.000861**	**.0144037**	**.0179835**	**.0001410**	**.0010705**
Stddev	.001032	.0005231	.000304	.0005218	.0006320	.0000010	.0002645
%RSD	71.38159	26.52734	35.36406	3.622641	3.514505	.7460323	24.70466
#1	-.002175	.0023419	-.001076	.0147727	.0184304	.0001418	.0012575
#2	-.000716	.0016021	-.000646	.0140347	.0175366	.0001403	.0008835
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**-.001166**	**.0001969**	**.0017081**
Stddev	.001041	.0002652	.0000124
%RSD	89.22446	134.6594	.7246637
#1	-.000431	.0003844	.0016993
#2	-.001902	.0000094	.0017168
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1957.412**	**901.8891**	**5786.442**	**4318.258**
Stddev	4.481	3.4408	5.780	27.624
%RSD	.2289402	.3815085	.0998940	.6397057
#1	1960.581	904.3221	5790.529	4337.791
#2	1954.244	899.4561	5782.354	4298.725

Sample Name: lcs 500-629718/2-a Acquired: 11/19/2021 23:10:32 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0444459	1.781417	.0819810	.7697590	1.867675	.0464649	.4231216
Stddev	.0006961	.005544	.0025484	.0067279	.017989	.0008879	.0017211
%RSD	1.566091	.3112312	3.108495	.8740281	.9631722	1.910983	.4067645
#1	.0439537	1.777497	.0837830	.7650016	1.854955	.0458371	.4219045
#2	.0449381	1.785338	.0801790	.7745163	1.880395	.0470928	.4243386
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.079302	.0434436	.0457426	.4597338	.1926098	.2357990	1.080300
Stddev	.091074	.0003706	.0049346	.0011713	.0020292	.0013413	.026330
%RSD	1.003092	.8531328	10.78769	.2547677	1.053546	.5688297	2.437243
#1	9.014903	.0431815	.0422534	.4589056	.1911749	.2367474	1.061682
#2	9.143701	.0437056	.0492319	.4605620	.1940447	.2348505	1.098918
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.026658	.4635681	8.896546	.4601980	.9448623	9.299641	.4630412
Stddev	.038195	.0005912	.066120	.0030479	.0082287	.025439	.0026675
%RSD	.4231386	.1275250	.7432050	.6622969	.8708834	.2735501	.5760799
#1	8.999650	.4631501	8.849793	.4580429	.9390437	9.281652	.4611550
#2	9.053666	.4639861	8.943300	.4623532	.9506808	9.317629	.4649274
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: lcs 500-629718/2-a Acquired: 11/19/2021 23:10:32 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0854850	.4509544	.0794637	2.099873	.9333297	.9167747	.9581076
Stddev	.0012483	.0040088	.0002618	.018332	.0039882	.0039834	.0038991
%RSD	1.460242	.8889698	.3294692	.8730210	.4273127	.4345018	.4069557
#1	.0846024	.4481197	.0796488	2.086910	.9305096	.9195914	.9608647
#2	.0863677	.4537891	.0792786	2.112836	.9361498	.9139580	.9553506
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0847106	.4708842	.4556766
Stddev	.0011826	.0023482	.0021997
%RSD	1.396004	.4986756	.4827399
#1	.0838744	.4725446	.4541212
#2	.0855468	.4692237	.4572321
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1858.837	885.4005	5666.061	4282.593
Stddev	12.126	7.8585	34.591	30.438
%RSD	.6523593	.8875676	.6105026	.7107311
#1	1867.412	890.9573	5641.601	4261.070
#2	1850.263	879.8437	5690.521	4304.116

Sample Name: 500-208447-a-5-a Acquired: 11/19/2021 23:13:46 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010872**	**42.09582**	**.0371609**	**.0280309**	**.5280091**	**.0033633**	**-.008688**
Stddev	.0004616	.45203	.0000918	.0000191	.0032961	.0001701	.000682
%RSD	42.45821	1.073810	.2470699	.0682930	.6242481	5.057811	7.850923
#1	.0007608	41.77619	.0372259	.0280174	.5256784	.0032430	-.009170
#2	.0014137	42.41546	.0370960	.0280444	.5303398	.0034836	-.008206
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**102.7135**	**.0026372**	**.2728432**	**.0366944**	**.0708147**	**.1091275**	**72.57730**
Stddev	.4407	.0000954	.0051100	.0001982	.0003840	.0002405	.46727
%RSD	.4290887	3.616084	1.872862	.5401369	.5422249	.2204037	.6438186
#1	102.4018	.0025697	.2692300	.0365542	.0705432	.1092976	72.24689
#2	103.0251	.0027046	.2764566	.0368345	.0710862	.1089574	72.90771
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.956089**	**.0327320**	**20.57475**	**4.145110**	**.0084783**	**.7874425**	**.0718973**
Stddev	.052356	.0004598	.33429	.016095	.0004347	.0146786	.0001901
%RSD	.8790302	1.404848	1.624750	.3882902	5.126554	1.864081	.2643897
#1	5.919068	.0324069	20.33837	4.133729	.0081710	.7770632	.0717629
#2	5.993110	.0330572	20.81113	4.156491	.0087857	.7978218	.0720317
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-5-a Acquired: 11/19/2021 23:13:46 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1038039	.0025963	.0028784	1.508961	.0234231	.1367098	1.074803
Stddev	.0010949	.0012809	.0007448	.000877	.0015822	.0003338	.001710
%RSD	1.054765	49.33670	25.87657	.0580958	6.754925	.2441455	.1591254
#1	.1030297	.0035021	.0023518	1.509581	.0245419	.1364738	1.073594
#2	.1045781	.0016906	.0034051	1.508341	.0223043	.1369459	1.076012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0023464	.1196881	.3589682
Stddev	.0024219	.0012959	.0006881
%RSD	103.2170	1.082749	.1916850
#1	.0006339	.1187717	.3584817
#2	.0040590	.1206044	.3594548
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1692.668	882.5827	5741.892	4336.160
Stddev	7.234	7.0701	21.451	7.585
%RSD	.4273938	.8010698	.3735876	.1749245
#1	1697.784	887.5820	5726.724	4330.796
#2	1687.553	877.5834	5757.060	4341.523

Sample Name: 500-208447-a-5-aSD@5 Acquired: 11/19/2021 23:16:57 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000300**	**8.811811**	**.0077071**	**.0057235**	**.1100268**	**.0008639**	**-.001571**
Stddev	.000265	.016396	.0012945	.0003996	.0006957	.0001801	.001718
%RSD	88.26451	.1860666	16.79564	6.982326	.6322652	20.84946	109.3703
#1	-.000113	8.800217	.0086224	.0060060	.1095349	.0007366	-.002786
#2	-.000487	8.823404	.0067918	.0054409	.1105188	.0009913	-.000356
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**22.40849**	**.0005044**	**.0400678**	**.0073185**	**.0158051**	**.0225181**	**15.83303**
Stddev	.20288	.0000822	.0003166	.0000618	.0007579	.0000863	.09960
%RSD	.9053605	16.29168	.7900329	.8446641	4.795121	.3832301	.6290839
#1	22.26503	.0005625	.0398440	.0073622	.0152692	.0224571	15.76260
#2	22.55195	.0004463	.0402917	.0072748	.0163410	.0225791	15.90346
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.201776**	**.0063374**	**4.382415**	**.9072139**	**.0019028**	**.1623732**	**.0165805**
Stddev	.017561	.0000081	.044862	.0077447	.0002478	.0015437	.0002364
%RSD	1.461277	.1277125	1.023681	.8536799	13.02484	.9506844	1.425731
#1	1.189358	.0063317	4.350693	.9017375	.0020781	.1612816	.0167477
#2	1.214193	.0063432	4.414138	.9126902	.0017276	.1634647	.0164134
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-5-aSD@5 Acquired: 11/19/2021 23:16:57 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211593	.0000833	.0000986	.3125504	.0045954	.0294602	.2339977
Stddev	.0006389	.0001972	.0012251	.0070151	.0002202	.0000474	.0000040
%RSD	3.019375	236.7291	1241.891	2.244477	4.791811	.1608604	.0017207
#1	.0207076	-.000056	.0009650	.3175108	.0044397	.0294937	.2340005
#2	.0216111	.000223	-.000768	.3075899	.0047511	.0294267	.2339949
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000367	.0255945	.0751803
Stddev	.000526	.0001940	.0004209
%RSD	143.5130	.7580163	.5599105
#1	.000005	.0254573	.0754779
#2	-.000739	.0257317	.0748826
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1901.791	917.6900	5881.406	4381.456
Stddev	13.383	9.4782	14.397	9.351
%RSD	.7037159	1.032835	.2447952	.2134137
#1	1911.255	924.3921	5871.226	4374.844
#2	1892.328	910.9879	5891.587	4388.068

Sample Name: CCV Acquired: 11/19/2021 23:20:12 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5068263**	**47.98191**	**.4932303**	**.4840099**	**.4995921**	**.5264555**
Stddev	.0021354	.29551	.0047899	.0054468	.0034014	.0047112
%RSD	.4213328	.6158787	.9711373	1.125355	.6808443	.8948954
#1	.5053163	48.19086	.4898433	.4801584	.5019972	.5231241
#2	.5083363	47.77295	.4966173	.4878614	.4971869	.5297868
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5114716**	**25.70026**	**.4930392**	F **.0837480**	**.5226498**	**.4981491**
Stddev	.0043184	.38175	.0030633	.0126283	.0036448	.0020156
%RSD	.8443073	1.485395	.6213031	15.07895	.6973613	.4046090
#1	.5084180	25.43032	.4908732	.0926776	.5200726	.4967238
#2	.5145251	25.97020	.4952053	.0748185	.5252271	.4995743
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4922643**	**25.31683**	**47.23730**	**3.774110**	**24.44640**	**5.094892**
Stddev	.0013688	.20371	.96903	.095308	.25459	.040404
%RSD	.2780603	.8046430	2.051415	2.525320	1.041407	.7930288
#1	.4932322	25.17278	47.92251	3.841504	24.62642	5.066322
#2	.4912964	25.46087	46.55209	3.706717	24.26638	5.123462
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/19/2021 23:20:12 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4800835**	**23.96905**	**.5203180**	**.5209719**	**.4707500**	**.4857047**
Stddev	.0021515	.54438	.0046863	.0064442	.0057993	.0087408
%RSD	.4481558	2.271170	.9006658	1.236949	1.231934	1.799608
#1	.4785622	24.35398	.5170043	.5164152	.4666493	.4795240
#2	.4816049	23.58412	.5236318	.5255286	.4748507	.4918853
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.2951002**	**.5244358**	**.4859048**	**.4933083**	**.5037911**	**4.865526**
Stddev	.0017234	.0019536	.0003122	.0009486	.0067528	.007055
%RSD	.5839953	.3725128	.0642527	.1922988	1.340388	.1450033
#1	.2938815	.5230544	.4856840	.4926375	.4990162	4.860537
#2	.2963188	.5258172	.4861255	.4939790	.5085660	4.870514
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**.5296806**
Stddev	.0013668
%RSD	.2580364
#1	.5287141
#2	.5306470
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/19/2021 23:20:12 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1736.051	881.6177	5584.665	4341.188
Stddev	16.447	8.0364	13.093	65.895
%RSD	.9473752	.9115461	.2344453	1.517912
#1	1747.681	887.3002	5575.407	4294.593
#2	1724.421	875.9351	5593.923	4387.783

Sample Name: CCB Acquired: 11/19/2021 23:23:18 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000553**	**.0108188**	**-.000944**	**.0006267**	**.0000384**	**-.000047**
Stddev	.000129	.0022949	.000113	.0002670	.0000018	.000205
%RSD	23.31221	21.21194	11.94164	42.60604	4.766051	437.6057
#1	-.000644	.0091961	-.001024	.0008155	.0000371	.000098
#2	-.000462	.0124416	-.000865	.0004379	.0000397	-.000192
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000272**	**-.007503**	**.0000982**	F **-.014147**	**-.000418**	**-.000449**
Stddev	.000385	.003862	.0000686	.001523	.000228	.000627
%RSD	141.7074	51.47849	69.88920	10.76924	54.55879	139.8019
#1	-.000544	-.004772	.0001467	-.013070	-.000580	-.000892
#2	.000001	-.010234	.0000497	-.015224	-.000257	-.000005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006094**	**.0406334**	**-.017486**	**.0002747**	**.0032425**	**-.000063**
Stddev	.0000206	.0551468	.000389	.0000265	.0064979	.000489
%RSD	3.376607	135.7180	2.221783	9.660259	200.3930	773.7404
#1	.0005948	.0796281	-.017212	.0002935	.0078372	.000282
#2	.0006239	.0016387	-.017761	.0002560	-.001352	-.000409
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/19/2021 23:23:18 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000207	.0013832	.0010125	-.000425	-.000157	.0009890
Stddev	.000385	.0024124	.0004841	.000241	.001058	.0004243
%RSD	185.8992	174.4101	47.80983	56.66837	672.8968	42.90133
#1	.000065	-.000323	.0006702	-.000255	.000591	.0012890
#2	-.000479	.003089	.0013548	-.000596	-.000905	.0006890
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001573	.0017865	.0000264	.0001504	-.000291	-.000445
Stddev	.000707	.0004021	.0000037	.0002987	.000586	.000802
%RSD	44.96919	22.50882	13.90580	198.6627	201.4110	180.2970
#1	-.001073	.0020708	.0000290	-.000061	-.000706	-.001012
#2	-.002073	.0015021	.0000238	.000362	.000123	.000122
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	-.000023
Stddev	.000145
%RSD	642.5325
#1	-.000125
#2	.000080
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/19/2021 23:23:18 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1984.805	910.2259	5849.867	4366.639
Stddev	1.978	2.1874	177.167	4.808
%RSD	.0996672	.2403192	3.028563	.1101075
#1	1986.204	908.6791	5975.142	4363.239
#2	1983.406	911.7726	5724.591	4370.038

Sample Name: 500-208447-a-5-b du Acquired: 11/19/2021 23:26:36 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000753	36.75377	.0273737	.0232771	.4439501	.0026972	-.009197
Stddev	.0006446	.45203	.0005961	.0001766	.0033345	.0002233	.002988
%RSD	856.3238	1.229891	2.177707	.7585669	.7510909	8.277115	32.48956
#1	.0005310	36.43414	.0269522	.0231522	.4415922	.0028551	-.011309
#2	-.000380	37.07341	.0277952	.0234019	.4463079	.0025394	-.007084
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	70.87458	.0026919	.2309623	.0320880	.0685555	.0904896	60.30172
Stddev	.79168	.0000214	.0039059	.0003384	.0015536	.0004688	.60206
%RSD	1.117010	.7964407	1.691124	1.054711	2.266149	.5181048	.9984169
#1	70.31478	.0027070	.2282004	.0318487	.0696541	.0908211	59.87599
#2	71.43438	.0026767	.2337241	.0323273	.0674570	.0901581	60.72744
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.222963	.0284287	14.97079	3.604597	.0066682	.7151068	.0647227
Stddev	.106609	.0005141	.19057	.027073	.0001492	.0151511	.0007268
%RSD	2.041166	1.808390	1.272943	.7510713	2.236988	2.118713	1.122898
#1	5.147579	.0280652	14.83604	3.585454	.0065627	.7043934	.0652367
#2	5.298348	.0287923	15.10555	3.623741	.0067737	.7258202	.0642088
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-5-b du Acquired: 11/19/2021 23:26:36 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0730606	.0024775	.0014932	1.508380	.0198544	.1074212	.9412343
Stddev	.0002416	.0013364	.0008423	.009563	.0033199	.0003006	.0024411
%RSD	.3307560	53.93910	56.40873	.6339833	16.72120	.2798723	.2593514
#1	.0732314	.0034225	.0008976	1.501618	.0175069	.1076338	.9429604
#2	.0728897	.0015326	.0020888	1.515142	.0222020	.1072086	.9395081
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000292	.1047640	.3329482
Stddev	.000520	.0002152	.0030623
%RSD	177.8099	.2053683	.9197521
#1	.000075	.1049161	.3307828
#2	-.000660	.1046119	.3351135
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1735.410	892.1011	5760.642	4293.941
Stddev	.143	1.1162	22.752	8.503
%RSD	.0082304	.1251225	.3949638	.1980273
#1	1735.511	892.8904	5744.553	4287.929
#2	1735.309	891.3118	5776.730	4299.954

Sample Name: 500-208447-a-5-c ms Acquired: 11/19/2021 23:29:47 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0459526**	**69.78199**	**.1247335**	**.7899444**	**2.480709**	**.0498558**	**.4703964**
Stddev	.0009463	1.12524	.0003488	.0010171	.035081	.0002775	.0044318
%RSD	2.059373	1.612506	.2796105	.1287597	1.414137	.5566061	.9421348
#1	.0452835	68.98632	.1244868	.7892252	2.455903	.0496596	.4672626
#2	.0466218	70.57765	.1249801	.7906636	2.505515	.0500521	.4735301
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**102.9940**	**.0451850**	**.3141387**	**.5246398**	**.2692117**	**.3427163**	**75.36206**
Stddev	.3524	.0001879	.0234259	.0030009	.0005570	.0005097	.35005
%RSD	.3421930	.4158305	7.457184	.5719907	.2069148	.1487134	.4644921
#1	103.2432	.0450522	.2975740	.5225179	.2688178	.3430767	75.11454
#2	102.7448	.0453179	.3307033	.5267618	.2696056	.3423559	75.60959
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**19.04673**	**.5284884**	**29.97911**	**4.839176**	**.9025876**	**10.30311**	**.5708258**
Stddev	.42517	.0152453	.44044	.021562	.0038394	.25289	.0033775
%RSD	2.232261	2.884692	1.469143	.4455728	.4253727	2.454542	.5916784
#1	18.74609	.5177084	29.66767	4.823930	.8998728	10.12428	.5684376
#2	19.34738	.5392685	30.29055	4.854423	.9053025	10.48193	.5732140
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-5-c ms Acquired: 11/19/2021 23:29:47 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1829213	.2668806	.0850609	2.791516	.9529784	1.026764	2.286914
Stddev	.0007273	.0010253	.0066012	.004097	.0016747	.002011	.002132
%RSD	.3975790	.3841665	7.760510	.1467503	.1757337	.1958103	.0932452
#1	.1824070	.2676056	.0803932	2.788619	.9517942	1.025343	2.285406
#2	.1834355	.2661557	.0897286	2.794412	.9541626	1.028186	2.288421
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0891981	.6071288	.8659263
Stddev	.0007093	.0005941	.0058988
%RSD	.7952409	.0978496	.6812159
#1	.0886965	.6067087	.8617552
#2	.0896997	.6075489	.8700974
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1640.774	874.0308	5645.365	4324.887
Stddev	3.753	4.2999	5.141	11.061
%RSD	.2287255	.4919630	.0910590	.2557558
#1	1638.120	870.9903	5641.730	4332.709
#2	1643.427	877.0713	5649.000	4317.066

Sample Name: 500-208447-a-5-d msd Acquired: 11/19/2021 23:32:59 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0449664**	**68.84798**	**.1234172**	**.7837318**	**2.459411**	**.0501295**	**.4653474**
Stddev	.0013657	.54094	.0004457	.0068012	.005572	.0001289	.0014829
%RSD	3.037225	.7857074	.3611177	.8677934	.2265679	.2572141	.3186720
#1	.0459321	68.46548	.1231021	.7789226	2.455471	.0500384	.4642988
#2	.0440007	69.23049	.1237324	.7885409	2.463352	.0502207	.4663960
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**87.34880**	**.0447583**	**.3267324**	**.5190417**	**.2747986**	**.3403614**	**73.93795**
Stddev	.69650	.0000480	.0102787	.0011472	.0029330	.0013196	.61175
%RSD	.7973785	.1072510	3.145892	.2210140	1.067334	.3877208	.8273873
#1	86.85630	.0447243	.3194643	.5182306	.2768726	.3394283	73.50538
#2	87.84130	.0447922	.3340005	.5198529	.2727246	.3412945	74.37053
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**18.82663**	**.5323166**	**28.28529**	**4.527544**	**.9002267**	**10.35444**	**.5722503**
Stddev	.07413	.0025710	.09705	.017605	.0055799	.05576	.0022591
%RSD	.3937642	.4829847	.3431168	.3888507	.6198334	.5385083	.3947707
#1	18.87905	.5341346	28.21667	4.515095	.8962811	10.39387	.5706529
#2	18.77421	.5304986	28.35392	4.539993	.9041723	10.31501	.5738477
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-5-d msd Acquired: 11/19/2021 23:32:59 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1741172	.2625078	.0813091	2.589834	.9427046	1.016488	2.289712
Stddev	.0028354	.0000558	.0012764	.021124	.0020978	.018893	.004183
%RSD	1.628438	.0212387	1.569831	.8156561	.2225272	1.858612	.1826785
#1	.1721123	.2625473	.0822117	2.574897	.9412212	1.003129	2.286754
#2	.1761221	.2624684	.0804066	2.604771	.9441879	1.029847	2.292670
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0877838	.5971387	.8670841
Stddev	.0019932	.0017419	.0008539
%RSD	2.270580	.2917135	.0984747
#1	.0863744	.5959069	.8676879
#2	.0891932	.5983704	.8664803
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1653.684	876.9380	5641.612	4300.237
Stddev	9.063	8.2870	6.232	35.811
%RSD	.5480243	.9449948	.1104686	.8327658
#1	1660.092	882.7978	5646.019	4274.915
#2	1647.275	871.0782	5637.205	4325.559

Sample Name: 500-208447-a-6-a Acquired: 11/19/2021 23:36:11 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010048**	**54.90719**	**.0412884**	**.0441378**	**.7789951**	**.0041620**	**-.006518**
Stddev	.0007640	.89026	.0030015	.0002354	.0103105	.0002441	.001330
%RSD	76.03251	1.621397	7.269645	.5333290	1.323557	5.864111	20.41094
#1	.0004646	54.27768	.0434108	.0443043	.7717045	.0043346	-.007459
#2	.0015451	55.53670	.0391660	.0439714	.7862857	.0039895	-.005577
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**115.3029**	**.0024325**	**.3786350**	**.0647713**	**.1049445**	**.1235508**	**88.91766**
Stddev	1.9767	.0002055	.0015309	.0002955	.0016860	.0006130	1.51928
%RSD	1.714338	8.446398	.4043106	.4562567	1.606551	.4961624	1.708638
#1	113.9052	.0025777	.3775525	.0645624	.1037523	.1231173	87.84336
#2	116.7007	.0022872	.3797175	.0649803	.1061367	.1239843	89.99195
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.301876**	**.0421105**	**15.24957**	**6.805255**	**.0078169**	**.4008578**	**.0747495**
Stddev	.107252	.0004384	.23091	.105040	.0009564	.0036353	.0007136
%RSD	1.291901	1.041097	1.514218	1.543517	12.23484	.9068911	.9546562
#1	8.226037	.0418005	15.08629	6.730981	.0071406	.3982872	.0752541
#2	8.377714	.0424205	15.41285	6.879530	.0084931	.4034283	.0742449
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-6-a Acquired: 11/19/2021 23:36:11 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0998875	.0021981	.0027187	1.416273	.0212328	.2221680	.9686356
Stddev	.0003108	.0009257	.0008005	.000837	.0004293	.0011573	.0032695
%RSD	.3111633	42.11430	29.44609	.0591210	2.021937	.5209070	.3375323
#1	.1001073	.0028527	.0021526	1.416865	.0215364	.2213497	.9663237
#2	.0996678	.0015435	.0032847	1.415681	.0209293	.2229863	.9709474
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0008634	.1333133	.4910392
Stddev	.0023816	.0003339	.0018543
%RSD	275.8310	.2504639	.3776221
#1	.0025475	.1330772	.4897281
#2	-.000821	.1335494	.4923504
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1676.532	892.6162	5715.219	4376.118
Stddev	10.973	4.8098	14.074	14.560
%RSD	.6545027	.5388445	.2462502	.3327256
#1	1668.772	889.2151	5725.171	4386.414
#2	1684.291	896.0172	5705.267	4365.822

Sample Name: 500-208447-a-7-a Acquired: 11/19/2021 23:39:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014956	88.37641	.0575284	.0124108	.5915449	.0053889	-.005857
Stddev	.0002616	1.04669	.0023731	.0001120	.0078525	.0000081	.000714
%RSD	17.49290	1.184351	4.125159	.9022663	1.327451	.1498590	12.19276
#1	.0016806	87.63629	.0592064	.0124900	.5859923	.0053946	-.006362
#2	.0013106	89.11653	.0558503	.0123316	.5970974	.0053832	-.005352
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.38507	.0012280	.5197061	.0743782	.1276672	.0792728	137.3672
Stddev	.03867	.0000096	.0166413	.0006905	.0012608	.0016947	.4347
%RSD	.2224174	.7790318	3.202069	.9283440	.9875635	2.137744	.3164871
#1	17.35772	.0012348	.5079389	.0738899	.1267756	.0804711	137.0598
#2	17.41241	.0012212	.5314733	.0748664	.1285587	.0780745	137.6746
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.866861	.0682610	12.39344	5.417728	.0079658	.2982013	.0761371
Stddev	.073166	.0009117	.18540	.037548	.0000644	.0039082	.0002083
%RSD	1.503349	1.335673	1.495915	.6930519	.8085699	1.310604	.2736058
#1	4.815125	.0676163	12.26234	5.391178	.0079202	.2954378	.0762844
#2	4.918598	.0689057	12.52453	5.444279	.0080113	.3009649	.0759898
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-7-a Acquired: 11/19/2021 23:39:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1574474	.0037639	.0056814	1.429556	.0227473	.0643649	1.202092
Stddev	.0003262	.0001821	.0016827	.009260	.0024458	.0005504	.003380
%RSD	.2071600	4.837239	29.61838	.6477316	10.75198	.8550734	.2811390
#1	.1572167	.0036351	.0068712	1.423009	.0210179	.0647541	1.204482
#2	.1576780	.0038926	.0044915	1.436104	.0244768	.0639757	1.199702
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0055348	.2240198	.3674229
Stddev	.0029026	.0010330	.0023394
%RSD	52.44294	.4611171	.6367082
#1	.0075873	.2247503	.3657687
#2	.0034824	.2232894	.3690771
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1760.068	946.4285	5979.288	4461.579
Stddev	.129	.6770	55.627	7.082
%RSD	.0073035	.0715338	.9303329	.1587433
#1	1759.977	945.9498	5939.953	4466.588
#2	1760.159	946.9072	6018.622	4456.572

Sample Name: 500-208447-a-8-a Acquired: 11/19/2021 23:42:33 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004098	33.50671	.0538134	.0720662	.5925402	.0024681	-.007772
Stddev	.0004344	.34672	.0006250	.0009065	.0062833	.0001261	.000122
%RSD	106.0236	1.034791	1.161439	1.257926	1.060397	5.108437	1.573632
#1	.0001026	33.26154	.0542553	.0714252	.5880972	.0023789	-.007685
#2	.0007169	33.75188	.0533714	.0727073	.5969831	.0025572	-.007858
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	94.62455	.0030117	.2170386	.0307937	.0725757	.1834354	61.90134
Stddev	1.41781	.0001951	.0003847	.0000876	.0010220	.0007592	.88354
%RSD	1.498352	6.477058	.1772633	.2844256	1.408240	.4138870	1.427335
#1	93.62201	.0031496	.2173107	.0307318	.0718530	.1839722	61.27659
#2	95.62709	.0028738	.2167666	.0308556	.0732984	.1828985	62.52610
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.341584	.0261135	12.92737	3.938316	.0218060	.2923154	.0456737
Stddev	.004593	.0000801	.12998	.051681	.0000004	.0029859	.0008898
%RSD	.1057992	.3067077	1.005433	1.312256	.0018426	1.021476	1.948094
#1	4.338336	.0260568	12.83547	3.901772	.0218057	.2902040	.0463029
#2	4.344832	.0261701	13.01928	3.974860	.0218063	.2944267	.0450446
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-8-a Acquired: 11/19/2021 23:42:33 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1059964	.0016276	.0041132	1.420713	.0230146	.2183629	.6448064
Stddev	.0021250	.0005123	.0002169	.019587	.0003615	.0004423	.0021436
%RSD	2.004819	31.47486	5.273836	1.378675	1.570958	.2025518	.3324405
#1	.1044938	.0019898	.0042665	1.406863	.0227589	.2180502	.6432907
#2	.1074990	.0012653	.0039598	1.434563	.0232702	.2186757	.6463222
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0005885	.0875509	.9722694
Stddev	.0030647	.0006091	.0056379
%RSD	520.7291	.6956679	.5798682
#1	-.001579	.0879815	.9682828
#2	.002756	.0871202	.9762560
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1731.403	880.2557	5704.638	4298.138
Stddev	13.108	9.2211	30.409	4.058
%RSD	.7570889	1.047551	.5330594	.0944233
#1	1740.672	886.7761	5726.141	4295.268
#2	1722.134	873.7354	5683.136	4301.008

Sample Name: 500-208447-a-9-a Acquired: 11/19/2021 23:45:44 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011226**	**74.62814**	**.0613086**	**.0128891**	**.9230235**	**.0066287**	**-.004903**
Stddev	.0004644	.65721	.0022966	.0001663	.0036631	.0002997	.000429
%RSD	41.36835	.8806526	3.746027	1.290100	.3968626	4.521420	8.755720
#1	.0007942	74.16342	.0596847	.0127715	.9204333	.0064168	-.005207
#2	.0014509	75.09286	.0629326	.0130067	.9256138	.0068406	-.004599
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**22.09613**	**.0030687**	**.6119742**	**.1282258**	**.1847399**	**.0898690**	**131.0712**
Stddev	.38036	.0001063	.0013186	.0006814	.0010261	.0006851	1.9699
%RSD	1.721397	3.465225	.2154676	.5314126	.5554490	.7623593	1.502895
#1	21.82718	.0029936	.6129066	.1277439	.1854654	.0893845	129.6783
#2	22.36509	.0031439	.6110418	.1287076	.1840143	.0903534	132.4641
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.747218**	**.0569610**	**11.33347**	**14.56663**	**.0086327**	**.2848400**	**.1045735**
Stddev	.024898	.0004124	.03938	.17430	.0002808	.0005985	.0003515
%RSD	.5244830	.7240440	.3475081	1.196539	3.252834	.2101026	.3361529
#1	4.764824	.0572527	11.30562	14.44338	.0084341	.2844168	.1043249
#2	4.729612	.0566694	11.36132	14.68987	.0088313	.2852631	.1048221
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-9-a Acquired: 11/19/2021 23:45:44 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2386028	.0051045	.0057738	1.207228	.0270311	.1073285	1.100019
Stddev	.0012757	.0023972	.0007250	.024045	.0023686	.0000496	.001246
%RSD	.5346492	46.96227	12.55689	1.991727	8.762529	.0462511	.1132834
#1	.2377007	.0067996	.0062864	1.190226	.0287059	.1073636	1.100900
#2	.2395048	.0034095	.0052611	1.224230	.0253562	.1072934	1.099137
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0013452	.2223083	2.729638
Stddev	.0005605	.0003093	.001415
%RSD	41.66725	.1391278	.0518560
#1	.0017416	.2220896	2.728637
#2	.0009489	.2225270	2.730639
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1734.297	952.2476	6129.664	4607.995
Stddev	6.393	5.6765	7.308	24.365
%RSD	.3686002	.5961173	.1192171	.5287516
#1	1738.817	956.2615	6124.497	4590.766
#2	1729.776	948.2337	6134.831	4625.224

Sample Name: 500-208447-a-10-a Acquired: 11/19/2021 23:48:55 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000439**	**2.301633**	**-.001144**	**.0090333**	**.0662037**	**.0001068**	**-.012083**
Stddev	.0002227	.039923	.002146	.0001375	.0012567	.0000374	.001647
%RSD	507.3897	1.734545	187.4968	1.521704	1.898189	34.99297	13.62905
#1	.0002014	2.273404	-.002661	.0089361	.0653151	.0000804	-.010919
#2	-.000114	2.329863	.000373	.0091305	.0670923	.0001333	-.013248
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**37.43548**	**.0008594**	**.0086547**	**.0003333**	**.0102570**	**.0643927**	**3.656934**
Stddev	.40122	.0000410	.0031355	.0000643	.0002108	.0003180	.065645
%RSD	1.071777	4.770048	36.22855	19.30236	2.055295	.4938535	1.795079
#1	37.15177	.0008304	.0064376	.0003788	.0101079	.0641679	3.610516
#2	37.71919	.0008883	.0108719	.0002878	.0104061	.0646176	3.703352
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.366285**	**.0008329**	**6.427834**	**.1839840**	**.0016749**	**.5473341**	**.0044780**
Stddev	.034976	.0001541	.121373	.0016413	.0000527	.0155316	.0005281
%RSD	2.559913	18.49885	1.888241	.8920687	3.145359	2.837674	11.79374
#1	1.341553	.0007239	6.342011	.1828234	.0017122	.5363516	.0048515
#2	1.391016	.0009418	6.513658	.1851445	.0016377	.5583166	.0041046
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-10-a Acquired: 11/19/2021 23:48:55 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092770	.0005124	.0038038	.7588498	.0195878	.1766595	.0924873
Stddev	.0014285	.0000632	.0006727	.0001184	.0001303	.0004021	.0006329
%RSD	15.39854	12.33822	17.68553	.0156068	.6650124	.2276381	.6843546
#1	.0102872	.0005571	.0033281	.7589335	.0194956	.1763751	.0920398
#2	.0082669	.0004677	.0042795	.7587661	.0196799	.1769439	.0929349
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000408	.0046728	.0758346
Stddev	.001537	.0006557	.0003404
%RSD	377.1130	14.03320	.4488474
#1	.000679	.0042091	.0755940
#2	-.001495	.0051365	.0760753
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1833.805	853.9805	5561.247	4257.247
Stddev	12.426	5.6604	17.117	35.035
%RSD	.6776205	.6628217	.3077883	.8229491
#1	1842.592	857.9830	5573.350	4282.020
#2	1825.019	849.9780	5549.144	4232.473

Sample Name: 500-208447-a-11-a Acquired: 11/19/2021 23:52:10 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024251	89.14490	.0577305	.0135882	.9051543	.0069310	-.003322
Stddev	.0006501	.10037	.0031024	.0005466	.0043250	.0001684	.000074
%RSD	26.80842	.1125885	5.373875	4.022790	.4778184	2.429503	2.236790
#1	.0019654	89.21587	.0599242	.0139747	.9082125	.0068119	-.003269
#2	.0028848	89.07393	.0555368	.0132017	.9020960	.0070500	-.003375
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.90398	.0022790	.6479667	.0998108	.1216228	.0773402	128.5879
Stddev	.26239	.0000394	.0132981	.0002014	.0019535	.0007147	.8746
%RSD	1.465513	1.727403	2.052280	.2018065	1.606207	.9241125	.6801539
#1	17.71845	.0023068	.6385635	.0996684	.1230041	.0768348	127.9695
#2	18.08952	.0022511	.6573698	.0999532	.1202414	.0778455	129.2063
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.714203	.0640905	11.90744	10.74943	.0075566	.3079659	.1117788
Stddev	.093015	.0010057	.05361	.06798	.0007541	.0081716	.0002722
%RSD	1.385342	1.569167	.4502373	.6323765	9.978656	2.653423	.2434959
#1	6.779975	.0648017	11.94535	10.70137	.0080898	.3137441	.1115863
#2	6.648432	.0633794	11.86953	10.79750	.0070234	.3021877	.1119712
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-11-a Acquired: 11/19/2021 23:52:10 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1650519	.0027387	.0052249	1.202797	.0239813	.0578660	1.222611
Stddev	.0000597	.0007297	.0036650	.003613	.0022749	.0002468	.002306
%RSD	.0361865	26.64469	70.14543	.3003641	9.486334	.4264889	.1885969
#1	.1650096	.0022227	.0026333	1.205351	.0223726	.0576915	1.220981
#2	.1650941	.0032547	.0078164	1.200242	.0255899	.0580405	1.224242
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0038040	.2063715	.4736342
Stddev	.0023900	.0000366	.0011767
%RSD	62.82990	.0177333	.2484436
#1	.0021140	.2063456	.4728021
#2	.0054940	.2063973	.4744663
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1720.919	956.1757	6158.664	4635.341
Stddev	10.294	10.0781	28.750	40.754
%RSD	.5981977	1.054002	.4668153	.8791912
#1	1713.640	949.0494	6178.993	4606.524
#2	1728.199	963.3020	6138.335	4664.158

Sample Name: 500-208447-a-12-a Acquired: 11/19/2021 23:55:21 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013087	54.69945	.0283377	.0255088	.5368569	.0030721	-.007410
Stddev	.0002395	.31247	.0021379	.0003824	.0027258	.0001210	.000360
%RSD	18.30154	.5712469	7.544318	1.499042	.5077340	3.939410	4.862495
#1	.0011393	54.47850	.0268260	.0252384	.5349295	.0031577	-.007665
#2	.0014780	54.92039	.0298494	.0257792	.5387843	.0029865	-.007155
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.67196	.0018871	.2756284	.0432323	.0814686	.0906253	77.06848
Stddev	.67296	.0002341	.0084785	.0002391	.0009604	.0009894	.85840
%RSD	1.441892	12.40480	3.076058	.5531328	1.178869	1.091736	1.113809
#1	46.19611	.0017216	.2696331	.0430632	.0807894	.0913250	76.46150
#2	47.14782	.0020527	.2816235	.0434014	.0821477	.0899257	77.67546
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.36984	.0366193	8.404263	3.049242	.0060687	.5079575	.0531713
Stddev	.13540	.0005485	.036767	.047179	.0007127	.0032127	.0017510
%RSD	1.305701	1.497942	.4374818	1.547236	11.74306	.6324781	3.293113
#1	10.46558	.0370071	8.430262	3.015882	.0065727	.5102293	.0519331
#2	10.27410	.0362314	8.378265	3.082603	.0055648	.5056858	.0544094
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-12-a Acquired: 11/19/2021 23:55:21 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0916339	.0030056	.0041687	1.145268	.0236432	.1263212	.9075391
Stddev	.0008636	.0018280	.0020096	.012085	.0005502	.0005495	.0012559
%RSD	.9424331	60.81967	48.20631	1.055217	2.326947	.4349967	.1383826
#1	.0922446	.0042981	.0055897	1.136723	.0232542	.1267097	.9066511
#2	.0910233	.0017130	.0027477	1.153814	.0240322	.1259326	.9084272
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000764	.1316561	.8304155
Stddev	.000371	.0002297	.0048243
%RSD	48.60901	.1744996	.5809543
#1	-.001026	.1314937	.8270042
#2	-.000501	.1318186	.8338268
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1726.270	877.7955	5771.246	4386.037
Stddev	6.463	5.0091	57.247	29.611
%RSD	.3743954	.5706411	.9919407	.6751248
#1	1730.840	881.3374	5730.766	4365.099
#2	1721.700	874.2535	5811.726	4406.975

Sample Name: CCV Acquired: 11/19/2021 23:58:33 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5121987**	**48.46455**	**.5026788**	**.4920486**	**.5052296**	**.5188942**
Stddev	.0007852	.14986	.0034220	.0026543	.0016330	.0009481
%RSD	.1533017	.3092174	.6807463	.5394430	.3232094	.1827110
#1	.5127539	48.57052	.5050985	.4939255	.5063842	.5182238
#2	.5116435	48.35858	.5002591	.4901717	.5040749	.5195646
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5148588**	**25.25471**	**.4995892**	F **.0909523**	**.5291082**	**.5009160**
Stddev	.0021723	.30160	.0029580	.0031125	.0017764	.0059571
%RSD	.4219130	1.194251	.5920798	3.422096	.3357384	1.189252
#1	.5133228	25.04144	.5016808	.0887515	.5303644	.5051284
#2	.5163948	25.46797	.4974976	.0931532	.5278521	.4967037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5039814**	**25.18546**	**48.32270**	**3.861089**	**24.64571**	**5.042769**
Stddev	.0089832	.01351	.68354	.065864	.06191	.022432
%RSD	1.782439	.0536299	1.414538	1.705842	.2512175	.4448375
#1	.4976294	25.19501	48.80604	3.907661	24.68949	5.026907
#2	.5103335	25.17591	47.83936	3.814515	24.60193	5.058631
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/19/2021 23:58:33 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4867406	24.55005	.5256890	.5215756	.4760451	.4920063
Stddev	.0010830	.40558	.0041422	.0019716	.0023890	.0016977
%RSD	.2224992	1.652037	.7879649	.3780074	.5018406	.3450587
#1	.4875064	24.83684	.5286180	.5201814	.4777344	.4932068
#2	.4859748	24.26327	.5227600	.5229697	.4743558	.4908059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .2992739	.5272460	.4945951	.5007156	.5089869	4.932707
Stddev	.0001330	.0018178	.0048186	.0032538	.0006489	.007493
%RSD	.0444301	.3447686	.9742432	.6498197	.1274839	.1519026
#1	.2991799	.5285314	.4911879	.4984148	.5094457	4.927409
#2	.2993679	.5259606	.4980023	.5030163	.5085281	4.938006
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	.5361420
Stddev	.0035447
%RSD	.6611428
#1	.5386484
#2	.5336355
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/19/2021 23:58:33 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1740.533	879.9452	5537.716	4377.010
Stddev	2.239	.1393	74.066	45.514
%RSD	.1286311	.0158259	1.337484	1.039838
#1	1742.116	880.0436	5590.088	4344.827
#2	1738.950	879.8467	5485.343	4409.193

Sample Name: CCB Acquired: 11/20/2021 0:01:39 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000073**	**.0318348**	**-.001447**	**.0005355**	**.0000052**	**.0000177**
Stddev	.000687	.0029594	.000311	.0003010	.0000133	.0000361
%RSD	943.0180	9.296031	21.47699	56.21278	252.7949	203.5887
#1	.000413	.0339274	-.001667	.0007484	.0000146	.0000433
#2	-.000559	.0297422	-.001227	.0003227	-.000004	-.000008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005531**	**-.009253**	**-.000063**	F **-.014614**	**-.000598**	**.0012135**
Stddev	.0010791	.001481	.000162	.002986	.000015	.0000625
%RSD	195.0906	16.00364	258.2353	20.42909	2.509765	5.146483
#1	.0013162	-.008206	.000052	-.012503	-.000587	.0011693
#2	-.000210	-.010300	-.000177	-.016725	-.000609	.0012577
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011641**	**-.005979**	**-.007731**	**.0002252**	**-.012663**	**.0007889**
Stddev	.0001416	.042455	.003153	.0001893	.005570	.0006061
%RSD	12.16501	710.0749	40.78309	84.09063	43.98908	76.82838
#1	.0010640	-.035999	-.009961	.0000913	-.008724	.0003603
#2	.0012642	.024041	-.005502	.0003591	-.016602	.0012174
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/20/2021 0:01:39 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000253**	**.0025396**	**.0009269**	**-.000261**	**-.000828**	**-.001322**
Stddev	.000358	.0019257	.0003379	.000378	.000437	.000854
%RSD	141.7043	75.82676	36.46078	144.9164	52.80520	64.58484
#1	.000001	.0011779	.0011658	-.000529	-.000519	-.000719
#2	-.000506	.0039012	.0006879	.000006	-.001137	-.001926
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000720**	**.0017224**	**.0000499**	**.0001815**	**-.001020**	**.0003044**
Stddev	.0001956	.0004235	.0000061	.0002547	.001687	.0000639
%RSD	271.5883	24.58726	12.30109	140.3265	165.3592	20.98279
#1	.0002103	.0014230	.0000543	.0000014	-.002214	.0003496
#2	-.000066	.0020219	.0000456	.0003616	.000173	.0002592
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**-.000047**
Stddev	.000949
%RSD	2030.849
#1	-.000718
#2	.000624
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/20/2021 0:01:39 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1990.974	904.5706	5739.144	4395.831
Stddev	4.017	4.5163	48.874	17.921
%RSD	.2017658	.4992752	.8515829	.4076905
#1	1993.814	907.7641	5704.586	4383.158
#2	1988.133	901.3771	5773.703	4408.503

Sample Name: 500-208447-a-13-a Acquired: 11/20/2021 0:04:58 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000036**	**23.52783**	**.0182609**	**.0254929**	**.2651310**	**.0016052**	**-.010113**
Stddev	.000223	.56513	.0006352	.0000678	.0051849	.0002295	.003496
%RSD	620.4377	2.401982	3.478382	.2658011	1.955591	14.29996	34.57264
#1	.000122	23.12822	.0178117	.0254450	.2614648	.0014429	-.007641
#2	-.000194	23.92744	.0187100	.0255409	.2687973	.0017675	-.012585
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**33.59547**	**.0014683**	**.1480890**	**.0188751**	**.0573048**	**.3664020**	**44.57909**
Stddev	.87418	.0000317	.0085356	.0000671	.0014776	.0006231	.96818
%RSD	2.602076	2.157854	5.763862	.3554345	2.578406	.1700712	2.171833
#1	32.97734	.0014459	.1420534	.0188277	.0583496	.3659614	43.89448
#2	34.21361	.0014907	.1541246	.0189225	.0562600	.3668427	45.26370
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.497745**	**.0288280**	**14.01076**	**1.467288**	**.0040175**	**.1993400**	**.0431256**
Stddev	.080627	.0006798	.33888	.031947	.0000550	.0021566	.0000884
%RSD	1.792610	2.358111	2.418678	2.177277	1.368130	1.081845	.2048682
#1	4.440733	.0283473	13.77113	1.444698	.0039787	.1978151	.0430631
#2	4.554757	.0293086	14.25038	1.489878	.0040564	.2008649	.0431881
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-13-a Acquired: 11/20/2021 0:04:58 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0358501	.0015870	.0031808	1.091880	.0211692	.0513366	.4686719
Stddev	.0014126	.0002327	.0004111	.005378	.0013362	.0000266	.0006905
%RSD	3.940346	14.66317	12.92493	.4925668	6.311831	.0518964	.1473388
#1	.0348512	.0017515	.0028901	1.095683	.0221140	.0513177	.4691602
#2	.0368489	.0014224	.0034715	1.088077	.0202244	.0513554	.4681837
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.001440	.0612250	.2411308
Stddev	.003294	.0000767	.0018839
%RSD	228.7820	.1252202	.7812708
#1	-.003769	.0611708	.2397986
#2	.000889	.0612792	.2424629
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1766.681	865.4532	5669.067	4311.759
Stddev	10.659	8.0878	1.556	41.591
%RSD	.6033188	.9345127	.0274454	.9645902
#1	1759.144	859.7343	5670.167	4341.168
#2	1774.218	871.1721	5667.967	4282.350

Sample Name: 500-208447-a-14-a Acquired: 11/20/2021 0:08:10 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011236**	**72.70333**	**.0723494**	**.0162750**	**.7033353**	**.0050819**	**-.007222**
Stddev	.0007234	2.82539	.0031399	.0002341	.0238616	.0001008	.000087
%RSD	64.38096	3.886185	4.339878	1.438333	3.392640	1.984007	1.202827
#1	.0016351	70.70548	.0701292	.0164405	.6864626	.0050106	-.007284
#2	.0006121	74.70118	.0745696	.0161094	.7202081	.0051532	-.007161
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**125.3238**	**.0021516**	**.4554791**	**.0910761**	**.1857283**	**.0855148**	**105.3719**
Stddev	4.5880	.0000258	.0158938	.0000840	.0061613	.0027753	4.0606
%RSD	3.660930	1.197191	3.489464	.0922215	3.317348	3.245357	3.853624
#1	122.0796	.0021334	.4442405	.0911355	.1813717	.0835524	102.5005
#2	128.5680	.0021699	.4667177	.0910167	.1900850	.0874772	108.2432
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.633400**	**.0585021**	**22.77456**	**5.917700**	**.0099730**	**.3619906**	**.1133742**
Stddev	.144725	.0020016	.74696	.206588	.0000853	.0164621	.0009279
%RSD	3.123517	3.421370	3.279797	3.491011	.8553149	4.547662	.8184236
#1	4.531064	.0570868	22.24638	5.771621	.0099127	.3503501	.1140303
#2	4.735736	.0599174	23.30274	6.063780	.0100333	.3736311	.1127180
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-14-a Acquired: 11/20/2021 0:08:10 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1764605	.0029999	.0048241	1.452053	.0325170	.1198715	1.301090
Stddev	.0021584	.0014562	.0011564	.007304	.0015212	.0040059	.044145
%RSD	1.223169	48.54129	23.97201	.5030324	4.678224	3.341817	3.392935
#1	.1779867	.0040296	.0056418	1.446888	.0314414	.1170389	1.269875
#2	.1749343	.0019702	.0040063	1.457218	.0335927	.1227040	1.332305
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0016804	.1707689	.4181065
Stddev	.0033568	.0058433	.0012238
%RSD	199.7570	3.421777	.2926924
#1	-.000693	.1666371	.4189718
#2	.004054	.1749008	.4172412
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1650.290	889.1303	5819.643	4340.703
Stddev	2.728	4.1392	125.218	65.834
%RSD	.1653079	.4655363	2.151647	1.516671
#1	1652.219	892.0571	5908.186	4387.255
#2	1648.361	886.2034	5731.100	4294.151

Sample Name: 500-208447-a-15-a Acquired: 11/20/2021 0:11:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0018128**	**66.64836**	**.0458412**	**.0317727**	**.7965412**	**.0048473**	**-.005452**
Stddev	.0007629	.63159	.0029645	.0005297	.0057397	.0000298	.001655
%RSD	42.08477	.9476464	6.466817	1.667137	.7205833	.6142904	30.36194
#1	.0023523	66.20176	.0437451	.0313982	.7924826	.0048684	-.006622
#2	.0012733	67.09497	.0479374	.0321473	.8005999	.0048262	-.004281
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**54.68977**	**.0022819**	**.4181288**	**.0595547**	**.1030925**	**.0863490**	**105.8213**
Stddev	.31357	.0002957	.0088492	.0000519	.0005255	.0001511	.7891
%RSD	.5733676	12.95913	2.116386	.0871910	.5097545	.1750332	.7456609
#1	54.46804	.0020728	.4118714	.0595914	.1034641	.0862422	105.2633
#2	54.91150	.0024910	.4243861	.0595180	.1027209	.0864559	106.3792
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.763566**	**.0561154**	**10.74781**	**6.626533**	**.0064648**	**.4166558**	**.0737717**
Stddev	.047343	.0006921	.03644	.040697	.0004766	.0079321	.0018097
%RSD	.9938668	1.233447	.3390844	.6141480	7.371779	1.903757	2.453075
#1	4.730089	.0556260	10.72204	6.597756	.0061278	.4110470	.0724921
#2	4.797043	.0566049	10.77358	6.655310	.0068018	.4222647	.0750513
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-15-a Acquired: 11/20/2021 0:11:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1367349	.0036053	.0017396	1.105028	.0225317	.1602845	.9088995
Stddev	.0014609	.0014456	.0005564	.001328	.0012586	.0001810	.0031892
%RSD	1.068426	40.09639	31.98292	.1201733	5.585810	.1129155	.3508836
#1	.1357019	.0046275	.0021330	1.104089	.0234216	.1604125	.9111546
#2	.1377679	.0025831	.0013462	1.105967	.0216417	.1601566	.9066444
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0012388	.1671522	.4377427
Stddev	.0002270	.0004783	.0043614
%RSD	18.32360	.2861628	.9963347
#1	.0010783	.1674904	.4346587
#2	.0013993	.1668139	.4408266
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1720.356	905.5705	5887.248	4429.627
Stddev	2.264	.6727	9.463	26.228
%RSD	.1315926	.0742881	.1607342	.5920936
#1	1721.957	905.0948	5880.557	4411.081
#2	1718.756	906.0462	5893.939	4448.173

Sample Name: 500-208447-a-16-a Acquired: 11/20/2021 0:14:32 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017374**	**71.55695**	**.0440696**	**.0329251**	**.8196835**	**.0048279**	**-.007032**
Stddev	.0006189	.78413	.0011161	.0007607	.0066042	.0000905	.003176
%RSD	35.62433	1.095811	2.532571	2.310388	.8057052	1.873622	45.16124
#1	.0021751	71.00249	.0432804	.0323872	.8150136	.0047639	-.004786
#2	.0012998	72.11141	.0448588	.0334630	.8243534	.0048919	-.009277
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**55.65314**	**.0023091**	**.4507360**	**.0570252**	**.1075465**	**.0874703**	**105.0815**
Stddev	.02472	.0001048	.0045410	.0013134	.0004274	.0004602	.4829
%RSD	.0444248	4.539338	1.007462	2.303198	.3973644	.5261179	.4595210
#1	55.63566	.0022350	.4539469	.0560965	.1072443	.0871449	104.7401
#2	55.67062	.0023832	.4475250	.0579539	.1078486	.0877957	105.4230
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.173585**	**.0600453**	**10.87174**	**6.235772**	**.0068848**	**.3967335**	**.0755574**
Stddev	.070196	.0007282	.10121	.015507	.0003346	.0061405	.0023213
%RSD	1.356811	1.212720	.9309082	.2486723	4.860287	1.547765	3.072221
#1	5.123949	.0595304	10.80018	6.224807	.0071214	.3923915	.0739160
#2	5.223221	.0605602	10.94331	6.246736	.0066482	.4010755	.0771988
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-16-a Acquired: 11/20/2021 0:14:32 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1337371	.0030258	.0041279	1.246930	.0257975	.1622750	.9965747
Stddev	.0009726	.0007294	.0002291	.032081	.0000345	.0004205	.0074018
%RSD	.7272332	24.10668	5.549151	2.572834	.1337708	.2591408	.7427241
#1	.1330494	.0025100	.0042899	1.224245	.0257731	.1619777	.9913409
#2	.1344248	.0035416	.0039659	1.269615	.0258219	.1625724	1.001809
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0008509	.1724561	.4117949
Stddev	.0037488	.0014419	.0075886
%RSD	440.5750	.8360888	1.842800
#1	-.001800	.1714365	.4064290
#2	.003502	.1734757	.4171609
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1695.069	887.8456	5819.606	4380.062
Stddev	34.504	18.9307	30.022	.367
%RSD	2.035566	2.132211	.5158711	.0083705
#1	1719.468	901.2317	5798.377	4380.322
#2	1670.671	874.4595	5840.834	4379.803

Sample Name: 500-208447-a-17-a Acquired: 11/20/2021 0:17:43 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0020592**	**96.42627**	**.0740056**	**.0152554**	**.8042791**	**.0067992**	**-.001845**
Stddev	.0005231	.87968	.0002612	.0003241	.0079635	.0002817	.000519
%RSD	25.40333	.9122862	.3530039	2.124500	.9901480	4.143558	28.10966
#1	.0024290	95.80424	.0738209	.0150262	.7986480	.0066000	-.002212
#2	.0016893	97.04830	.0741904	.0154846	.8099101	.0069984	-.001478
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**28.41127**	**.0022243**	**.5847575**	**.1290743**	**.1507463**	**.0990573**	**150.4366**
Stddev	.30403	.0002102	.0035249	.0002342	.0012727	.0003753	1.7428
%RSD	1.070113	9.451761	.6027926	.1814659	.8442827	.3788874	1.158494
#1	28.19628	.0023729	.5822650	.1289087	.1516463	.0993227	149.2042
#2	28.62625	.0020756	.5872499	.1292399	.1498464	.0987919	151.6689
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.898779**	**.0775802**	**13.48948**	**9.998224**	**.0097580**	**.3386001**	**.1116414**
Stddev	.041147	.0000520	.12406	.105713	.0003217	.0018921	.0001586
%RSD	.6975457	.0670481	.9197049	1.057316	3.296600	.5587876	.1420324
#1	5.927874	.0776170	13.40176	9.923474	.0099855	.3372622	.1117535
#2	5.869684	.0775434	13.57721	10.07297	.0095306	.3399379	.1115292
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-17-a Acquired: 11/20/2021 0:17:43 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2348815	.0035136	.0016616	1.130024	.0264276	.0749831	1.196539
Stddev	.0001824	.0006377	.0000442	.007568	.0001553	.0001590	.004416
%RSD	.0776781	18.15039	2.657901	.6697438	.5875271	.2120262	.3690327
#1	.2347525	.0030627	.0016928	1.124673	.0263178	.0750955	1.199661
#2	.2350105	.0039645	.0016304	1.135376	.0265374	.0748707	1.193417
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0024150	.2388834	3.781490
Stddev	.0000377	.0003328	.021593
%RSD	1.561950	.1392980	.5710126
#1	.0024417	.2391187	3.766222
#2	.0023883	.2386481	3.796759
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1697.670	914.0746	5971.028	4487.784
Stddev	1.851	.1132	12.391	18.807
%RSD	.1090543	.0123890	.2075134	.4190667
#1	1698.979	913.9945	5962.266	4474.485
#2	1696.361	914.1547	5979.789	4501.082

Sample Name: 500-208447-a-18-a Acquired: 11/20/2021 0:20:54 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009151**	**89.65523**	**.0577699**	**.0117324**	**.5948160**	**.0058135**	**-.005418**
Stddev	.0006392	.59854	.0009212	.0005141	.0040892	.0002359	.002605
%RSD	69.85722	.6676007	1.594554	4.381682	.6874712	4.058425	48.07086
#1	.0013671	89.23200	.0571185	.0113689	.5919245	.0056467	-.007260
#2	.0004631	90.07846	.0584213	.0120959	.5977075	.0059803	-.003577
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.32975**	**.0014781**	**.5119876**	**.0681611**	**.1579849**	**.0846155**	**138.9724**
Stddev	.16930	.0001060	.0119421	.0000417	.0017024	.0014117	1.4563
%RSD	1.373136	7.170512	2.332496	.0611331	1.077559	1.668323	1.047928
#1	12.21003	.0015530	.5035433	.0681906	.1567812	.0856137	137.9426
#2	12.44946	.0014031	.5204320	.0681316	.1591887	.0836173	140.0021
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.682941**	**.0699559**	**10.79735**	**4.851646**	**.0088442**	**.2356475**	**.0834906**
Stddev	.003817	.0000493	.09627	.058571	.0004912	.0005462	.0008645
%RSD	.0671636	.0705219	.8916305	1.207248	5.554166	.2317800	1.035492
#1	5.685640	.0699210	10.72927	4.810230	.0091915	.2352612	.0841019
#2	5.680242	.0699908	10.86542	4.893063	.0084968	.2360337	.0828793
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-18-a Acquired: 11/20/2021 0:20:54 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1607595	.0050147	.0044675	1.203603	.0221651	.0577055	1.125479
Stddev	.0018286	.0003190	.0004513	.007715	.0011728	.0002146	.003815
%RSD	1.137499	6.362220	10.10263	.6410081	5.291256	.3718507	.3389343
#1	.1620525	.0047891	.0041484	1.198148	.0229944	.0578572	1.122782
#2	.1594664	.0052403	.0047867	1.209059	.0213358	.0575537	1.128177
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0033354	.2411470	.3927869
Stddev	.0001473	.0016933	.0017150
%RSD	4.417516	.7021675	.4366147
#1	.0032312	.2399497	.3915743
#2	.0034396	.2423443	.3939996
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1728.552	918.8732	5944.153	4502.779
Stddev	1.950	1.0477	48.461	28.822
%RSD	.1127900	.1140158	.8152734	.6400942
#1	1729.931	919.6140	5909.886	4482.399
#2	1727.174	918.1324	5978.421	4523.159

Sample Name: 500-208447-a-19-a Acquired: 11/20/2021 0:24:05 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000534**	**.5891082**	**-.000379**	**.3536462**	**.3130936**	**.0001787**	**-.012577**
Stddev	.000232	.0129730	.000092	.0028557	.0012441	.0000811	.000419
%RSD	43.53352	2.202142	24.25197	.8075039	.3973423	45.38007	3.334394
#1	-.000698	.5799349	-.000444	.3516269	.3122139	.0001213	-.012874
#2	-.000369	.5982815	-.000314	.3556655	.3139732	.0002360	-.012281
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**64.49968**	**.0055397**	**.0345231**	**-.000800**	**.0098941**	**.0368755**	**.7747160**
Stddev	1.83359	.0001168	.0035359	.000470	.0004247	.0004305	.0240651
%RSD	2.842791	2.108648	10.24210	58.79264	4.292201	1.167380	3.106314
#1	63.20313	.0054571	.0370234	-.001133	.0095938	.0371799	.7917326
#2	65.79622	.0056223	.0320229	-.000468	.0101944	.0365711	.7576994
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**36.28397**	**.0005975**	**5.627174**	**12.60693**	**.0029351**	**.1864931**	**.0074440**
Stddev	.46295	.0000889	.004836	.22689	.0005271	.0029089	.0017436
%RSD	1.275919	14.87528	.0859489	1.799738	17.95865	1.559808	23.42212
#1	36.61132	.0006604	5.630594	12.44650	.0025624	.1885500	.0062111
#2	35.95661	.0005347	5.623755	12.76737	.0033078	.1844362	.0086769
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208447-a-19-a Acquired: 11/20/2021 0:24:05 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043675	-.001970	.0107193	2.060178	.0247718	.0846135	.0140102
Stddev	.0010958	.002131	.0003194	.013189	.0003926	.0000044	.0000733
%RSD	25.09006	108.1584	2.980110	.6402084	1.584889	.0052192	.5235551
#1	.0035926	-.003477	.0104934	2.050851	.0244942	.0846167	.0140621
#2	.0051423	-.000463	.0109452	2.069504	.0250494	.0846104	.0139584
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.002294	.0012394	.1461457
Stddev	.001893	.0001157	.0002646
%RSD	82.50205	9.332708	.1810255
#1	-.003632	.0011576	.1463328
#2	-.000956	.0013212	.1459586
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.909	788.8121	5284.175	4097.712
Stddev	10.045	8.2549	9.384	50.317
%RSD	.5829992	1.046495	.1775870	1.227922
#1	1730.012	794.6492	5277.540	4062.133
#2	1715.806	782.9751	5290.811	4133.292

Sample Name: 500-208462-b-3-a Acquired: 11/20/2021 0:27:20 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005530	.0274787	.0004346	.1031022	.0003558	-.000024	-.008872
Stddev	.0002017	.0057458	.0012610	.0013242	.0000035	.000302	.000344
%RSD	36.46359	20.90986	290.1196	1.284363	.9942292	1254.640	3.881381
#1	.0004104	.0234159	-.000457	.1021658	.0003583	-.000238	-.008628
#2	.0006956	.0315416	.001326	.1040385	.0003533	.000190	-.009115
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0335363	.0005052	.0068466	-.000403	.0070069	.0046937	.1421667
Stddev	.0052532	.0001752	.0008447	.000245	.0008484	.0000124	.0208322
%RSD	15.66427	34.67372	12.33796	60.82265	12.10770	.2650383	14.65337
#1	.0372509	.0006290	.0062493	-.000577	.0076068	.0047025	.1274361
#2	.0298217	.0003813	.0074440	-.000230	.0064070	.0046849	.1568973
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	65.47006	.0002157	.0071078	.0025212	.0010572	3.615611	-.001352
Stddev	.32978	.0000305	.0040858	.0002288	.0000282	.013879	.000013
%RSD	.5037050	14.13708	57.48339	9.074687	2.668362	.3838611	.9393250
#1	65.23687	.0001941	.0099969	.0023594	.0010373	3.605797	-.001343
#2	65.70325	.0002372	.0042187	.0026830	.0010772	3.625425	-.001361
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208462-b-3-a Acquired: 11/20/2021 0:27:20 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001796	-.001288	.0039145	.2035331	.0203981	.0000860	.0005736
Stddev	.001172	.001573	.0026695	.0004404	.0009175	.0000021	.0001920
%RSD	65.23054	122.1542	68.19685	.2163527	4.497997	2.453703	33.47445
#1	-.000968	-.000175	.0020268	.2032217	.0210469	.0000845	.0007094
#2	-.002624	-.002400	.0058021	.2038445	.0197493	.0000875	.0004378
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.001243	.0002999	.0014610
Stddev	.000341	.0003601	.0004348
%RSD	27.40738	120.0710	29.75932
#1	-.001484	.0005545	.0011536
#2	-.001002	.0000453	.0017685
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1840.686	864.5594	5512.701	4411.034
Stddev	8.745	4.5827	1.124	36.247
%RSD	.4750832	.5300634	.0203868	.8217402
#1	1846.869	867.7998	5511.906	4436.665
#2	1834.502	861.3189	5513.496	4385.404

Sample Name: 500-208462-b-4-a Acquired: 11/20/2021 0:30:39 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012313**	**18.62522**	**.0433018**	**.0404145**	**.4848146**	**.0038891**	**.0045307**
Stddev	.0006316	.28771	.0011268	.0000808	.0051715	.0001425	.0004381
%RSD	51.29480	1.544731	2.602177	.2000356	1.066695	3.663238	9.669492
#1	.0007847	18.42178	.0440985	.0404716	.4811578	.0037883	.0048405
#2	.0016780	18.82867	.0425050	.0403573	.4884714	.0039898	.0042209
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**444.7917**	**.0022158**	**.2398986**	**.0268547**	**.2524847**	**.4838916**	**341.9907**
Stddev	13.8336	.0000496	.0000676	.0001863	.0012575	.0015402	.8900
%RSD	3.110130	2.238244	.0281878	.6938933	.4980521	.3182924	.2602426
#1	435.0099	.0021807	.2399464	.0267229	.2515955	.4828025	341.3614
#2	454.5736	.0022508	.2398508	.0269864	.2533739	.4849807	342.6201
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.026291**	**.0151109**	**223.3453**	**2.175316**	**.0488148**	**7.294532**	**.5523610**
Stddev	.063065	.0001883	1.5412	.001301	.0006555	.132224	.0017392
%RSD	1.566331	1.246056	.6900329	.0598282	1.342859	1.812643	.3148597
#1	3.981698	.0149777	222.2556	2.174396	.0483513	7.201036	.5511312
#2	4.070885	.0152440	224.4351	2.176236	.0492783	7.388029	.5535908
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208462-b-4-a Acquired: 11/20/2021 0:30:39 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1700870	.0177062	.0105556	1.973294	.0437143	.4662956	.4109016
Stddev	.0000524	.0009025	.0014134	.009425	.0001641	.0012780	.0014560
%RSD	.0308241	5.096933	13.39040	.4776243	.3754041	.2740655	.3543432
#1	.1701241	.0170680	.0095562	1.966630	.0435982	.4671992	.4119311
#2	.1700500	.0183443	.0115551	1.979959	.0438303	.4653919	.4098720
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0020808	.6962324	4.674497
Stddev	.0057211	.0027453	.011198
%RSD	274.9471	.3943111	.2395642
#1	.0061263	.6981736	4.666579
#2	-.001965	.6942911	4.682416
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1422.824	945.9236	6180.703	5067.647
Stddev	6.820	3.3757	8.734	9.598
%RSD	.4793028	.3568722	.1413170	.1894073
#1	1427.647	948.3106	6174.527	5060.859
#2	1418.002	943.5366	6186.879	5074.434

Sample Name: 500-208462-b-5-a Acquired: 11/20/2021 0:33:56 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000335**	**14.83188**	**.0192198**	**.0360310**	**.7089293**	**.0037630**	**.0016199**
Stddev	.000828	.17647	.0010693	.0008624	.0043958	.0001597	.0015326
%RSD	247.1321	1.189811	5.563472	2.393516	.6200580	4.243703	94.61244
#1	-.000920	14.70710	.0199759	.0354212	.7058210	.0036501	.0027036
#2	.000250	14.95667	.0184637	.0366408	.7120376	.0038759	.0005362
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**42.78723**	**.0004114**	**.0873430**	**.0235934**	**.9587444**	**.2369612**	**361.6980**
Stddev	.74116	.0003039	.0016035	.0010621	.0025809	.0000977	5.1610
%RSD	1.732194	73.88331	1.835893	4.501634	.2691942	.0412378	1.426871
#1	42.26315	.0006263	.0884769	.0228424	.9569194	.2368921	358.0487
#2	43.31131	.0001965	.0862091	.0243444	.9605693	.2370303	365.3474
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.954369**	**.0106248**	**17.23405**	**1.638952**	**.0730681**	**6.453784**	**.3534548**
Stddev	.003947	.0001564	.20041	.022914	.0017853	.010784	.0001436
%RSD	.2019719	1.472018	1.162894	1.398096	2.443307	.1670892	.0406243
#1	1.951578	.0107353	17.09234	1.622749	.0718057	6.446159	.3535563
#2	1.957160	.0105142	17.37577	1.655155	.0743305	6.461409	.3533532
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208462-b-5-a Acquired: 11/20/2021 0:33:56 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1164728	.0235727	.0311424	4.408770	.0322948	.2774045	.8180297
Stddev	.0016493	.0001478	.0017590	.036633	.0021434	.0006680	.0026537
%RSD	1.416028	.6269681	5.648166	.8309066	6.637026	.2407923	.3244000
#1	.1176390	.0236772	.0298986	4.382866	.0338104	.2778768	.8199062
#2	.1153065	.0234682	.0323862	4.434673	.0307792	.2769321	.8161533
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0090544	2.288133	1.807189
Stddev	.0004113	.006962	.010888
%RSD	4.542695	.3042519	.6024719
#1	.0093452	2.293055	1.799490
#2	.0087635	2.283210	1.814888
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1679.111	815.5943	5411.783	4127.934
Stddev	6.958	4.3219	8.029	14.595
%RSD	.4144068	.5299073	.1483630	.3535779
#1	1684.031	818.6503	5406.106	4117.613
#2	1674.191	812.5382	5417.461	4138.255

Sample Name: CCV Acquired: 11/20/2021 0:37:07 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5105224**	**48.97299**	**.5013680**	**.4904653**	**.5093210**	**.5210711**
Stddev	.0021513	.56547	.0011929	.0035438	.0042726	.0044246
%RSD	.4213814	1.154656	.2379213	.7225299	.8388736	.8491446
#1	.5090012	48.57314	.5005245	.4879595	.5062998	.5179424
#2	.5120436	49.37284	.5022115	.4929711	.5123421	.5241998
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5105425**	**25.35991**	**.4939954**	F **.0926823**	**.5217464**	**.4986293**
Stddev	.0000849	.06466	.0025495	.0056966	.0015444	.0027021
%RSD	.0166203	.2549598	.5161060	6.146379	.2959969	.5418966
#1	.5106025	25.31419	.4921926	.0886542	.5206544	.4967186
#2	.5104825	25.40563	.4957982	.0967104	.5228384	.5005399
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5029549**	**25.35461**	**49.10063**	**3.925657**	**24.80066**	**5.055377**
Stddev	.0010001	.12286	.33840	.055838	.19833	.032014
%RSD	.1988381	.4845753	.6891887	1.422396	.7997008	.6332718
#1	.5022477	25.26773	48.86134	3.886173	24.66042	5.032740
#2	.5036620	25.44148	49.33991	3.965140	24.94090	5.078015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/20/2021 0:37:07 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4823194	24.96059	.5192054	.5160048	.4782009	.4926774
Stddev	.0030984	.23659	.0023673	.0005428	.0052326	.0029593
%RSD	.6423919	.9478606	.4559363	.1051881	1.094227	.6006509
#1	.4801285	24.79330	.5175316	.5156211	.4745009	.4905849
#2	.4845103	25.12789	.5208793	.5163887	.4819009	.4947699
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .3195506	.5222233	.4912535	.4995379	.5063347	4.925195
Stddev	.0010627	.0015879	.0007116	.0020921	.0036970	.023237
%RSD	.3325772	.3040621	.1448510	.4188005	.7301579	.4718048
#1	.3203021	.5211006	.4907503	.4980585	.5037205	4.908764
#2	.3187991	.5233462	.4917567	.5010172	.5089489	4.941626
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	.5266318
Stddev	.0006637
%RSD	.1260363
#1	.5271012
#2	.5261625
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/20/2021 0:37:07 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.366	865.1123	5539.398	4330.975
Stddev	9.398	7.5414	6.832	9.147
%RSD	.5459755	.8717300	.1233433	.2112036
#1	1728.012	870.4449	5534.567	4337.443
#2	1714.721	859.7797	5544.229	4324.507

Sample Name: CCB Acquired: 11/20/2021 0:40:14 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000471**	**.0168012**	**.0008908**	**.0009539**	**-.000072**	**.0000522**	**.0018116**
Stddev	.000074	.0064592	.0016352	.0001848	.000072	.0002168	.0005864
%RSD	15.73690	38.44502	183.5754	19.37702	100.6939	415.2140	32.36966
#1	-.000419	.0122338	.0020470	.0010846	-.000123	.0002055	.0022263
#2	-.000523	.0213686	-.000266	.0008232	-.000021	-.000101	.0013970
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.006241**	**-.000032**	**-.001957**	**-.000239**	**.0007245**	**.0010883**	**.0766764**
Stddev	.001387	.000273	.010667	.000224	.0021184	.0003034	.0360642
%RSD	22.21902	858.6096	545.1377	93.56429	292.3878	27.88445	47.03428
#1	-.007221	-.000225	-.009499	-.000081	-.000773	.0008737	.0511752
#2	-.005260	.000161	.005586	-.000397	.002222	.0013028	.1021776
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013179**	**.0002725**	**.0066321**	**-.000361**	**.0000634**	**.0042728**	**.0002631**
Stddev	.0157837	.0000090	.0047607	.000186	.0002006	.0009864	.0004470
%RSD	1197.608	3.314385	71.78306	51.36992	316.6193	23.08491	169.8723
#1	.0124787	.0002789	.0099984	-.000493	.0002052	.0035754	-.000053
#2	-.009843	.0002662	.0032658	-.000230	-.000078	.0049703	.000579
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 11/20/2021 0:40:14 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000156	-.001815	-.000429	.0068279	.0006783	.0000406	.0000462
Stddev	.000869	.000438	.002002	.0006582	.0001832	.0000117	.0002946
%RSD	558.6022	24.12720	466.7312	9.639799	27.01091	28.95090	637.4085
#1	.000459	-.001505	.000987	.0072933	.0005488	.0000489	.0002545
#2	-.000770	-.002125	-.001845	.0063625	.0008079	.0000323	-.000162
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0018871	.0005000	-.000415
Stddev	.0003878	.0008144	.000082
%RSD	20.54997	162.8665	19.85836
#1	.0016129	-.000076	-.000356
#2	.0021613	.001076	-.000473
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1975.385	889.2818	5706.353	4428.819
Stddev	13.144	10.0395	30.450	25.096
%RSD	.6653876	1.128950	.5336140	.5666499
#1	1984.679	896.3808	5727.884	4446.565
#2	1966.091	882.1827	5684.821	4411.074

Sample Name: 500-208462-b-7-a Acquired: 11/20/2021 0:43:34 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000087**	**1.635322**	**.0006487**	**.0030043**	**.0265567**	**.0004865**	**-.006789**
Stddev	.000748	.035258	.0019863	.0001034	.0002305	.0000356	.000599
%RSD	855.0349	2.156024	306.1892	3.440223	.8679543	7.308005	8.818983
#1	-.000616	1.610391	.0020532	.0029312	.0263937	.0004614	-.007213
#2	.000441	1.660253	-.000756	.0030774	.0267197	.0005117	-.006366
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.202449**	**.0002455**	**.0056443**	**.0066814**	**.0304119**	**.0471794**	**73.82032**
Stddev	.008222	.0000396	.0038374	.0001091	.0005529	.0013776	.34315
%RSD	.3732916	16.14195	67.98727	1.632426	1.817922	2.919938	.4648506
#1	2.208262	.0002174	.0083577	.0066043	.0300209	.0481536	73.57768
#2	2.196635	.0002735	.0029308	.0067585	.0308028	.0462053	74.06297
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0352539**	**.0004649**	**.2638000**	**.3244177**	**.1061399**	**.2466559**	**.0164164**
Stddev	.0133618	.0000675	.0081175	.0003931	.0006338	.0073253	.0004593
%RSD	37.90155	14.51934	3.077138	.1211803	.5971664	2.969831	2.798054
#1	.0447021	.0005127	.2580601	.3241397	.1056917	.2414762	.0160916
#2	.0258057	.0004172	.2695400	.3246957	.1065881	.2518357	.0167412
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208462-b-7-a Acquired: 11/20/2021 0:43:34 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002740	.0052152	.1258666	.3590947	.0242945	.0340048	.0214510
Stddev	.000864	.0007487	.0002257	.0012614	.0009640	.0004605	.0000431
%RSD	31.53095	14.35540	.1792820	.3512856	3.967809	1.354213	.2009881
#1	-.002129	.0046858	.1257070	.3582027	.0236129	.0343304	.0214205
#2	-.003350	.0057446	.1260261	.3599866	.0249761	.0336792	.0214815
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0001127	.0400150	.2338404
Stddev	.0025418	.0009387	.0004991
%RSD	2255.841	2.345866	.2134398
#1	-.001685	.0406788	.2341933
#2	.001910	.0393513	.2334875
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1846.286	848.4298	5544.226	4170.094
Stddev	3.196	2.9909	80.466	9.481
%RSD	.1730950	.3525181	1.451352	.2273583
#1	1848.546	850.5446	5487.328	4163.390
#2	1844.026	846.3149	5601.124	4176.799

Sample Name: 500-208462-b-8-a Acquired: 11/20/2021 0:46:51 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000008**	**.4095816**	**.0002184**	**.0032948**	**.0443752**	**.0010481**	**-.007643**
Stddev	.000272	.0106116	.0003272	.0005238	.0004627	.0000187	.000445
%RSD	3313.815	2.590830	149.7923	15.89648	1.042655	1.789341	5.821353
#1	.000184	.4170851	.0004498	.0029245	.0440481	.0010349	-.007328
#2	-.000201	.4020781	-.000013	.0036652	.0447024	.0010614	-.007958
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.190285**	**.0003603**	**.0065149**	**.0046697**	**.2826395**	**.0243841**	**121.5839**
Stddev	.019686	.0002728	.0137902	.0001445	.0026235	.0003099	1.3116
%RSD	1.653875	75.72091	211.6716	3.093531	.9282126	1.270761	1.078767
#1	1.176365	.0001674	-.003236	.0047718	.2844946	.0241650	120.6565
#2	1.204205	.0005532	.016266	.0045676	.2807844	.0246032	122.5114
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0264785**	**.0023191**	**.1569742**	**1.431185**	**.0335153**	**.2688076**	**.0160281**
Stddev	.0123661	.0001535	.0060322	.012230	.0001114	.0020115	.0001306
%RSD	46.70227	6.617913	3.842789	.8545329	.3322731	.7482950	.8148699
#1	.0352227	.0024276	.1527088	1.422537	.0335941	.2673853	.0161204
#2	.0177344	.0022105	.1612396	1.439833	.0334366	.2702299	.0159357
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208462-b-8-a Acquired: 11/20/2021 0:46:51 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001715	.0080967	.0139119	.3185282	.0235423	.0243865	.0117825
Stddev	.000250	.0020028	.0008721	.0036898	.0011631	.0000065	.0001967
%RSD	14.57568	24.73619	6.268883	1.158396	4.940356	.0268187	1.669673
#1	-.001891	.0095130	.0132953	.3159191	.0243647	.0243819	.0119216
#2	-.001538	.0066805	.0145286	.3211372	.0227199	.0243912	.0116434
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0015218	.0030234	.2366015
Stddev	.0004662	.0001439	.0011680
%RSD	30.63792	4.757731	.4936737
#1	.0011921	.0031252	.2357756
#2	.0018515	.0029217	.2374275
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.824	860.2024	5590.743	4166.604
Stddev	12.426	7.1794	15.040	8.410
%RSD	.6739386	.8346139	.2690205	.2018339
#1	1852.611	865.2790	5601.378	4160.657
#2	1835.038	855.1258	5580.108	4172.550

Sample Name: mb 500-629719/1-a Acquired: 11/20/2021 0:50:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000085**	**.0179233**	**-.004476**	**.0000848**	**.0002807**	**-.000040**	**-.012378**
Stddev	.000871	.0016367	.000363	.0000962	.0000015	.000085	.000468
%RSD	1027.845	9.131729	8.101177	113.4087	.5370616	211.1590	3.778765
#1	.000531	.0190807	-.004732	.0000168	.0002796	-.000100	-.012047
#2	-.000701	.0167660	-.004220	.0001528	.0002817	.000020	-.012708
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0074872**	**.0006222**	**-.002569**	**-.001079**	**.0050836**	**.0011210**	**.1611994**
Stddev	.0014696	.0001381	.004579	.000021	.0007945	.0001093	.0415765
%RSD	19.62815	22.19268	178.2297	1.940724	15.62955	9.749514	25.79197
#1	.0085263	.0005246	-.005807	-.001094	.0045217	.0011983	.1905984
#2	.0064480	.0007199	.000669	-.001064	.0056454	.0010437	.1318004
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0101548**	**-.000038**	**-.006378**	**.0007911**	**.0005978**	**.0908178**	**-.002604**
Stddev	.0037429	.000139	.017917	.0000893	.0004756	.0010814	.000359
%RSD	36.85888	362.1815	280.9098	11.28121	79.56021	1.190745	13.79633
#1	.0075081	-.000137	.006291	.0007280	.0009340	.0915825	-.002858
#2	.0128014	.000060	-.019048	.0008542	.0002615	.0900531	-.002350
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: mb 500-629719/1-a Acquired: 11/20/2021 0:50:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003175**	**.0024894**	**-.002890**	**.0111270**	**.0185130**	**.0000768**	**.0007762**
Stddev	.002182	.0007610	.001256	.0003034	.0007947	.0000031	.0002585
%RSD	68.70652	30.57105	43.45489	2.726411	4.292590	4.055451	33.29607
#1	-.004718	.0030276	-.003779	.0113415	.0190749	.0000746	.0005935
#2	-.001633	.0019513	-.002002	.0109125	.0179510	.0000790	.0009590
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**-.002287**	**.0000689**	**.0011364**
Stddev	.001631	.0002173	.0001726
%RSD	71.30742	315.6226	15.18527
#1	-.001134	.0002225	.0012584
#2	-.003441	-.000085	.0010144
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1910.626**	**871.4100**	**5763.501**	**4347.639**
Stddev	8.581	4.7927	5.850	20.216
%RSD	.4490955	.5499907	.1015043	.4649951
#1	1916.693	874.7989	5767.637	4333.344
#2	1904.559	868.0210	5759.364	4361.934

Sample Name: 500-208192-a-6-a Acquired: 11/20/2021 0:57:04 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020311	6.345195	.0473650	.0273368	.4410917	.0005506	.0243203
Stddev	.0008699	.008808	.0016440	.0002580	.0039040	.0000308	.0010325
%RSD	42.83082	.1388158	3.470943	.9436651	.8850832	5.598736	4.245360
#1	.0014160	6.338966	.0485275	.0275192	.4383311	.0005724	.0250503
#2	.0026463	6.351423	.0462025	.0271544	.4438522	.0005288	.0235902
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.69627	.0017993	.0236811	.0027640	.0273293	.6505514	21.05338
Stddev	.42490	.0001237	.0009629	.0004604	.0003939	.0030042	.23515
%RSD	1.591624	6.872445	4.065984	16.65759	1.441118	.4617855	1.116941
#1	26.39582	.0017119	.0230003	.0024384	.0276078	.6526757	20.88710
#2	26.99673	.0018868	.0243620	.0030896	.0270508	.6484271	21.21966
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.871334	.0043675	8.738755	1.367606	.0197557	1.367463	.0151168
Stddev	.013351	.0000868	.079549	.014834	.0000212	.003690	.0002856
%RSD	.2740798	1.988500	.9102965	1.084678	.1074219	.2698504	1.889647
#1	4.880775	.0044289	8.682506	1.357117	.0197407	1.364854	.0149148
#2	4.861894	.0043061	8.795005	1.378095	.0197707	1.370072	.0153188
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208192-a-6-a Acquired: 11/20/2021 0:57:04 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0253873	.0047075	.0097272	2.321578	.0515998	.1679584	.1272013
Stddev	.0016642	.0003677	.0031807	.007236	.0002240	.0003626	.0006942
%RSD	6.555235	7.811755	32.69933	.3116863	.4341327	.2158590	.5457919
#1	.0242106	.0049675	.0074781	2.316461	.0514414	.1682147	.1267103
#2	.0265641	.0044475	.0119763	2.326694	.0517582	.1677020	.1276922
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.002139	.0107157	.9387878
Stddev	.001001	.0001055	.0031825
%RSD	46.81179	.9847769	.3390005
#1	-.002847	.0107903	.9410382
#2	-.001431	.0106411	.9365374
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1811.576	843.4017	5563.333	4218.160
Stddev	2.071	2.9416	36.644	1.053
%RSD	.1143226	.3487771	.6586628	.0249706
#1	1813.041	845.4817	5537.422	4217.415
#2	1810.112	841.3216	5589.244	4218.905

Sample Name: lcs 500-629719/2-a Acquired: 11/20/2021 0:53:48 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0445016	1.766349	.0857429	.7874534	1.898943	.0457354	.4313062
Stddev	.0006961	.022603	.0021961	.0030357	.015770	.0007066	.0006755
%RSD	1.564211	1.279662	2.561200	.3855042	.8304712	1.545033	.1566122
#1	.0449938	1.750366	.0841901	.7853069	1.887791	.0452357	.4317838
#2	.0440094	1.782332	.0872957	.7896000	1.910094	.0462350	.4308286
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.859852	.0443931	.0374443	.4658730	.1931208	.2412368	1.078396
Stddev	.253723	.0003416	.0017991	.0046662	.0017008	.0025147	.054310
%RSD	2.863737	.7694145	4.804854	1.001612	.8806795	1.042403	5.036214
#1	8.680443	.0446347	.0387165	.4691725	.1943235	.2430149	1.039993
#2	9.039261	.0441516	.0361721	.4625734	.1919182	.2394587	1.116800
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.401216	.4840219	9.003391	.4547439	.9666648	9.735482	.4714149
Stddev	.107633	.0065058	.060020	.0085790	.0025655	.139696	.0037081
%RSD	1.144889	1.344111	.6666363	1.886560	.2653936	1.434917	.7865834
#1	9.477324	.4886222	8.960951	.4486776	.9684789	9.834262	.4740369
#2	9.325108	.4794216	9.045832	.4608102	.9648507	9.636702	.4687929
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: lcs 500-629719/2-a Acquired: 11/20/2021 0:53:48 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0868357	.4648733	.0820792	2.312635	.9406448	.9329273	.9688961
Stddev	.0005724	.0016967	.0001965	.006109	.0101833	.0069925	.0041692
%RSD	.6591881	.3649744	.2393636	.2641559	1.082583	.7495207	.4302997
#1	.0864310	.4636736	.0822181	2.308315	.9478454	.9279829	.9718442
#2	.0872405	.4660730	.0819403	2.316954	.9334441	.9378717	.9659481
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0847762	.4768966	.4584565
Stddev	.0029758	.0022482	.0072803
%RSD	3.510123	.4714194	1.588000
#1	.0868804	.4784863	.4636045
#2	.0826720	.4753069	.4533086
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1818.479	858.3360	5574.013	4283.638
Stddev	2.121	5.9325	56.654	13.275
%RSD	.1166376	.6911582	1.016398	.3098928
#1	1819.979	862.5309	5533.952	4274.251
#2	1816.979	854.1411	5614.073	4293.024

Sample Name: 500-208192-a-6-aSD@5 Acquired: 11/20/2021 1:00:18 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000085**	**1.338807**	**.0089483**	**.0058126**	**.0912938**	**.0001556**	**.0050750**
Stddev	.000503	.002480	.0050318	.0000423	.0014035	.0000848	.0005492
%RSD	591.3589	.1852701	56.23160	.7277226	1.537370	54.49039	10.82093
#1	.000271	1.340561	.0053903	.0057827	.0903014	.0002155	.0054634
#2	-.000441	1.337053	.0125063	.0058425	.0922863	.0000956	.0046867
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.844667**	**.0004916**	**.0005081**	**.0002796**	**.0059354**	**.1328435**	**4.586386**
Stddev	.005882	.0000555	.0096699	.0002200	.0004372	.0045321	.076503
%RSD	.1006363	11.29678	1903.310	78.67036	7.365961	3.411577	1.668046
#1	5.848827	.0005309	.0073457	.0004352	.0062446	.1360482	4.640482
#2	5.840508	.0004523	-.006330	.0001241	.0056263	.1296389	4.532291
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9714673**	**.0006408**	**1.854512**	**.2933207**	**.0036134**	**.2697876**	**.0035108**
Stddev	.0143757	.0000453	.021578	.0021192	.0004024	.0054971	.0011655
%RSD	1.479793	7.063648	1.163527	.7224693	11.13712	2.037582	33.19777
#1	.9613021	.0006728	1.839254	.2918222	.0038980	.2659005	.0043350
#2	.9816324	.0006088	1.869770	.2948192	.0033288	.2736747	.0026867
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208192-a-6-aSD@5 Acquired: 11/20/2021 1:00:18 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047026	.0001636	.0020302	.4831102	.0113697	.0351736	.0274553
Stddev	.0013463	.0000431	.0024052	.0024144	.0004537	.0010665	.0006105
%RSD	28.62946	26.35594	118.4688	.4997547	3.990378	3.031984	2.223536
#1	.0056546	.0001332	.0003295	.4848174	.0116905	.0359277	.0278870
#2	.0037506	.0001941	.0037309	.4814029	.0110489	.0344195	.0270237
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000320	.0018504	.2041564
Stddev	.001529	.0002165	.0000850
%RSD	478.1733	11.70031	.0416395
#1	.000761	.0020035	.2042165
#2	-.001401	.0016973	.2040963
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1923.520	881.9328	5795.081	4404.436
Stddev	5.578	4.1114	129.579	13.688
%RSD	.2899645	.4661775	2.236020	.3107871
#1	1927.464	884.8400	5703.455	4414.115
#2	1919.577	879.0256	5886.707	4394.757

Sample Name: 500-208192-a-6-b du Acquired: 11/20/2021 1:03:34 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024436	6.126394	.0497745	.0265473	.4340060	.0002849	.0266264
Stddev	.0004672	.079853	.0017970	.0003745	.0038830	.0001281	.0025489
%RSD	19.11886	1.303421	3.610201	1.410695	.8946865	44.94432	9.572638
#1	.0021132	6.069930	.0510451	.0262825	.4312603	.0003754	.0248241
#2	.0027739	6.182859	.0485038	.0268121	.4367517	.0001944	.0284287
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.10663	.0018471	.0152934	.0024980	.0322106	.6279783	20.83335
Stddev	.61457	.0000217	.0020570	.0004393	.0007586	.0042709	.23052
%RSD	2.267225	1.171887	13.45058	17.58777	2.355208	.6801026	1.106506
#1	26.67206	.0018624	.0138389	.0021873	.0327470	.6309983	20.67035
#2	27.54119	.0018318	.0167480	.0028086	.0316741	.6249583	20.99635
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.843377	.0039112	8.552861	1.357802	.0193625	1.340066	.0180951
Stddev	.007189	.0003860	.069286	.025349	.0003517	.003896	.0007622
%RSD	.1484357	9.868712	.8100933	1.866915	1.816364	.2907575	4.212071
#1	4.838293	.0036383	8.503868	1.339878	.0196112	1.342821	.0186340
#2	4.848461	.0041842	8.601854	1.375726	.0191138	1.337311	.0175561
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208192-a-6-b du Acquired: 11/20/2021 1:03:34 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0264539	.0053842	.0065513	2.379890	.0464498	.1646496	.1071654
Stddev	.0007014	.0014294	.0015326	.016681	.0001463	.0007778	.0003219
%RSD	2.651219	26.54697	23.39342	.7008991	.3150141	.4724045	.3004154
#1	.0269499	.0043735	.0054676	2.368095	.0465532	.1651996	.1069377
#2	.0259580	.0063949	.0076350	2.391685	.0463463	.1640996	.1073930
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0015050	.0092689	.9197291
Stddev	.0003835	.0008156	.0099721
%RSD	25.48368	8.799574	1.084244
#1	.0012338	.0098456	.9126777
#2	.0017762	.0086922	.9267804
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1797.098	835.6542	5504.125	4168.654
Stddev	7.756	.4392	37.479	.498
%RSD	.4315673	.0525580	.6809279	.0119580
#1	1802.583	835.9648	5477.623	4169.006
#2	1791.614	835.3437	5530.627	4168.301

Sample Name: 500-208192-a-6-c ms Acquired: 11/20/2021 1:06:47 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0473970**	**9.882624**	**.1406337**	**.8245136**	**2.376547**	**.0478195**	**.4883863**
Stddev	.0013606	.092952	.0034726	.0025739	.028357	.0008444	.0007920
%RSD	2.870741	.9405616	2.469286	.3121742	1.193206	1.765727	.1621740
#1	.0464349	9.816897	.1381782	.8226936	2.356495	.0472224	.4878263
#2	.0483591	9.948351	.1430892	.8263336	2.396598	.0484165	.4889464
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**38.69703**	**.0462551**	**.0650304**	**.4768783**	**.2223374**	**.9126680**	**23.16985**
Stddev	.48666	.0001057	.0046822	.0007725	.0002145	.0060477	.28091
%RSD	1.257607	.2285115	7.199975	.1619986	.0964904	.6626423	1.212405
#1	38.35291	.0461804	.0617197	.4763321	.2221857	.9169444	22.97122
#2	39.04115	.0463299	.0683412	.4774246	.2224891	.9083916	23.36849
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.17205**	**.5033530**	**18.35597**	**1.903456**	**.9835340**	**11.25982**	**.4977665**
Stddev	.06110	.0017531	.17584	.025739	.0019662	.02589	.0003605
%RSD	.4027326	.3482849	.9579355	1.352222	.1999106	.2299433	.0724313
#1	15.12885	.5021133	18.23164	1.885256	.9821437	11.24152	.4980215
#2	15.21526	.5045926	18.48031	1.921656	.9849243	11.27813	.4975116
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208192-a-6-c ms Acquired: 11/20/2021 1:06:47 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1206169	.4529677	.0899375	3.158879	.8462088	1.105483	.9203232
Stddev	.0027800	.0044275	.0017777	.014446	.0013606	.004672	.0075861
%RSD	2.304824	.9774451	1.976564	.4572993	.1607911	.4226237	.8242856
#1	.1225827	.4498370	.0886805	3.148665	.8452467	1.102180	.9149590
#2	.1186512	.4560984	.0911945	3.169094	.8471709	1.108787	.9256874
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0901959	.4874892	1.462660
Stddev	.0023265	.0022154	.003237
%RSD	2.579373	.4544589	.2212824
#1	.0918410	.4859227	1.464949
#2	.0885509	.4890558	1.460372
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1740.961	838.8642	5456.820	4171.304
Stddev	7.701	3.7705	40.995	.226
%RSD	.4423390	.4494781	.7512644	.0054205
#1	1746.407	841.5304	5427.833	4171.144
#2	1735.516	836.1981	5485.808	4171.463

Sample Name: 500-208192-a-6-d msd Acquired: 11/20/2021 1:10:02 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0481006**	**10.20127**	**.1426783**	**.8202438**	**2.389266**	**.0473481**	**.4833350**
Stddev	.0006787	.16377	.0010383	.0106842	.039872	.0004679	.0072367
%RSD	1.410980	1.605412	.7277062	1.302562	1.668814	.9881093	1.497249
#1	.0476207	10.08547	.1434124	.8277986	2.361072	.0470172	.4884521
#2	.0485805	10.31708	.1419441	.8126889	2.417460	.0476789	.4782179
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**39.37330**	**.0464002**	**.0810087**	**.4748369**	**.2181872**	**.9430744**	**23.97916**
Stddev	.32604	.0003974	.0046898	.0063427	.0011623	.0011608	.27167
%RSD	.8280850	.8564137	5.789250	1.335768	.5326915	.1230924	1.132947
#1	39.14276	.0466812	.0776925	.4793219	.2173653	.9438952	23.78706
#2	39.60385	.0461192	.0843249	.4703519	.2190090	.9422535	24.17126
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.35268**	**.4998489**	**18.67240**	**1.936028**	**.9956988**	**11.27672**	**.4917141**
Stddev	.30193	.0111341	.38700	.020371	.0176097	.24450	.0055791
%RSD	1.966653	2.227493	2.072564	1.052217	1.768575	2.168145	1.134619
#1	15.13918	.4919759	18.39875	1.921624	1.008151	11.10383	.4956591
#2	15.56618	.5077219	18.94605	1.950433	.983247	11.44960	.4877691
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208192-a-6-d msd Acquired: 11/20/2021 1:10:02 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1164569	.4562801	.0914182	3.059669	.8775514	1.103681	.8896851
Stddev	.0015242	.0081742	.0020845	.048011	.0115566	.003992	.0073238
%RSD	1.308778	1.791489	2.280190	1.569147	1.316915	.3617024	.8231944
#1	.1153792	.4620601	.0928921	3.093618	.8857232	1.106504	.8845063
#2	.1175347	.4505001	.0899442	3.025721	.8693797	1.100859	.8948638
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0873091	.4982071	1.477494
Stddev	.0024462	.0004524	.014593
%RSD	2.801767	.0908063	.9877153
#1	.0890388	.4978872	1.487813
#2	.0855794	.4985270	1.467175
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1731.292	829.2036	5449.422	4213.189
Stddev	25.934	15.3593	6.244	6.257
%RSD	1.497981	1.852291	.1145847	.1485037
#1	1712.953	818.3429	5453.837	4217.613
#2	1749.630	840.0642	5445.006	4208.765

Sample Name: 500-208642-e-1-b Acquired: 11/20/2021 1:13:17 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029932	133.6907	.0612715	.0573315	1.248530	.0078854	-.007244
Stddev	.0006848	1.6123	.0032169	.0005023	.014563	.0003347	.000877
%RSD	22.87772	1.206013	5.250181	.8761173	1.166428	4.245022	12.10269
#1	.0025090	132.5506	.0635461	.0569763	1.238232	.0076487	-.006624
#2	.0034774	134.8307	.0589968	.0576867	1.258827	.0081221	-.007864
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	105.4713	.0024852	.6867791	.0906777	.1821746	.1572277	171.6572
Stddev	1.4800	.0001415	.0171466	.0005286	.0033652	.0000848	2.0698
%RSD	1.403201	5.693488	2.496671	.5829224	1.847249	.0539528	1.205782
#1	104.4248	.0023852	.6746546	.0910515	.1797950	.1571677	170.1936
#2	106.5178	.0025853	.6989036	.0903039	.1845541	.1572877	173.1208
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.41265	.1005366	67.54686	6.657841	.0078705	2.723653	.2596577
Stddev	.10504	.0005048	.71696	.079893	.0002093	.013891	.0011075
%RSD	.7831496	.5021259	1.061427	1.199987	2.659003	.5100071	.4265214
#1	13.33837	.1001796	67.03989	6.601348	.0080185	2.713831	.2604408
#2	13.48692	.1008935	68.05382	6.714334	.0077225	2.733475	.2588746
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208642-e-1-b Acquired: 11/20/2021 1:13:17 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1838447	.0035454	.0058224	1.958875	.0315545	.1360844	1.592487
Stddev	.0021870	.0016453	.0000993	.015783	.0020393	.0006770	.012558
%RSD	1.189567	46.40705	1.706035	.8057239	6.462759	.4974786	.7885702
#1	.1853911	.0023820	.0058926	1.947714	.0329965	.1356057	1.583608
#2	.1822983	.0047089	.0057522	1.970035	.0301125	.1365631	1.601367
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0044622	.3115113	.7096467
Stddev	.0008750	.0016859	.0042644
%RSD	19.60857	.5411977	.6009116
#1	.0038435	.3103192	.7126621
#2	.0050809	.3127034	.7066313
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1575.086	945.3893	6095.179	4735.807
Stddev	2.625	3.5179	29.788	7.920
%RSD	.1666264	.3721126	.4887162	.1672299
#1	1573.230	947.8768	6074.116	4730.207
#2	1576.942	942.9017	6116.242	4741.407

Sample Name: CCV Acquired: 11/20/2021 1:16:28 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5102734**	**48.09763**	**.4979166**	**.4894289**	**.5006923**	**.5160375**
Stddev	.0131640	.40191	.0027545	.0030166	.0062301	.0019099
%RSD	2.579793	.8356172	.5532009	.6163517	1.244303	.3701152
#1	.5009650	47.81344	.4998643	.4872958	.4962870	.5146870
#2	.5195817	48.38183	.4959689	.4915619	.5050977	.5173881
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5148070**	**25.19105**	**.4981075**	F **.0837828**	**.5297382**	**.4968571**
Stddev	.0057411	.14543	.0004993	.0103637	.0005677	.0133178
%RSD	1.115201	.5773086	.1002451	12.36977	.1071626	2.680409
#1	.5107474	25.29389	.4977544	.0764545	.5301396	.4874400
#2	.5188666	25.08822	.4984606	.0911111	.5293368	.5062742
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4999067**	**25.19939**	**48.19198**	**3.832503**	**24.41033**	**5.005175**
Stddev	.0014603	.04505	.69176	.074825	.18646	.001990
%RSD	.2921121	.1787827	1.435436	1.952367	.7638607	.0397649
#1	.4988741	25.23125	47.70283	3.779594	24.27848	5.003768
#2	.5009393	25.16754	48.68114	3.885412	24.54218	5.006582
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/20/2021 1:16:28 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4838198**	**24.41107**	**.5241740**	**.5218688**	**.4718981**	**.4944973**
Stddev	.0014083	.38498	.0007119	.0011159	.0031375	.0054580
%RSD	.2910737	1.577056	.1358198	.2138340	.6648665	1.103741
#1	.4828240	24.13886	.5246774	.5210797	.4696796	.4906379
#2	.4848156	24.68329	.5236706	.5226579	.4741166	.4983567
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.3027104**	**.5307534**	**.4903138**	**.4996926**	**.5080585**	**4.938673**
Stddev	.0028729	.0004322	.0053983	.0087475	.0002050	.085952
%RSD	.9490574	.0814352	1.100991	1.750582	.0403510	1.740389
#1	.3006790	.5304477	.4864967	.4935072	.5082035	4.877896
#2	.3047418	.5310590	.4941310	.5058781	.5079136	4.999451
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**.5375037**
Stddev	.0028323
%RSD	.5269412
#1	.5395065
#2	.5355010
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/20/2021 1:16:28 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1741.805	885.5656	5600.217	4411.854
Stddev	17.457	12.2613	21.847	13.949
%RSD	1.002261	1.384570	.3901106	.3161731
#1	1754.150	894.2356	5615.665	4421.717
#2	1729.461	876.8956	5584.769	4401.990

Sample Name: CCB Acquired: 11/20/2021 1:19:35 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000518**	**.0158471**	**-.000807**	**.0013515**	**.0001573**	**.0000398**	**-.000032**
Stddev	.000162	.0041931	.000743	.0004430	.0000350	.0000983	.001817
%RSD	31.29840	26.45976	92.07214	32.77528	22.24081	246.9007	5725.941
#1	-.000404	.0188120	-.000282	.0010383	.0001820	.0001093	.001253
#2	-.000633	.0128821	-.001333	.0016647	.0001325	-.000030	-.001316
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0020680**	**.0000989**	**.0015654**	**-.000040**	**.0004641**	**.0006257**	**.0661771**
Stddev	.0003366	.0003011	.0094099	.000142	.0005526	.0002247	.0059912
%RSD	16.27476	304.3457	601.1295	353.6154	119.0793	35.91586	9.053305
#1	.0023060	.0003118	.0082192	-.000141	.0008548	.0004668	.0619406
#2	.0018300	-.000114	-.005088	.000060	.0000733	.0007846	.0704135
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003634**	**.0005183**	**-.000979**	**.0008213**	**-.000442**	**.0071784**	**-.000078**
Stddev	.010117	.0000583	.002949	.0002743	.000077	.0011644	.000996
%RSD	278.3989	11.24986	301.0889	33.39471	17.44115	16.22144	1283.609
#1	-.010788	.0004771	.001106	.0006274	-.000387	.0080018	-.000782
#2	.003520	.0005596	-.003065	.0010153	-.000496	.0063550	.000626
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 11/20/2021 1:19:35 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000432	.0001218	.0009231	.0000202	.0017492	.0000578	.0002440
Stddev	.001472	.0004837	.0007261	.0013212	.0002089	.0000126	.0000552
%RSD	340.9151	397.2895	78.66045	6539.276	11.94460	21.79499	22.60870
#1	-.001473	.0004638	.0004097	-.000914	.0016014	.0000667	.0002050
#2	.000609	-.000220	.0014365	.000954	.0018969	.0000489	.0002831
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0005381	.0004232	.0003804
Stddev	.0019000	.0001841	.0004584
%RSD	353.0925	43.49623	120.4806
#1	.0018816	.0002930	.0007045
#2	-.000805	.0005533	.0000563
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1920.463	880.6148	5807.687	4439.098
Stddev	102.113	47.0248	20.305	20.873
%RSD	5.317104	5.339992	.3496291	.4702032
#1	1992.668	913.8663	5822.045	4453.858
#2	1848.258	847.3632	5793.329	4424.339

Sample Name: CCVL Acquired: 11/20/2021 1:22:55 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0043757**	**.1961662**	**.0099632**	**.0490899**	**.0102918**	**.0040938**
Stddev	.0001157	.0007593	.0022115	.0003841	.0000132	.0000973
%RSD	2.643116	.3870857	22.19687	.7825187	.1278510	2.376994
#1	.0044575	.1967032	.0083994	.0488183	.0102825	.0040250
#2	.0042939	.1956293	.0115270	.0493615	.0103011	.0041626
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0501491**	**.1874094**	**.0020129**	F **-.005765**	**.0046022**	**.0093699**
Stddev	.0001348	.0035854	.0000602	.004886	.0001301	.0005955
%RSD	.2688123	1.913120	2.991020	84.75714	2.828004	6.355190
#1	.0502445	.1848742	.0020555	-.009220	.0045101	.0097910
#2	.0500538	.1899446	.0019703	-.002310	.0046942	.0089489
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				-30.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0109244**	**.1459069**	**.4738826**	**.0099945**	**.1001588**	**.0100454**
Stddev	.0000962	.0258913	.0059334	.0001187	.0134342	.0002233
%RSD	.8809685	17.74506	1.252085	1.187384	13.41291	2.222977
#1	.0109924	.1642148	.4696871	.0099106	.1096582	.0098875
#2	.0108563	.1275990	.4780782	.0100784	.0906594	.0102033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 11/20/2021 1:22:55 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0096084**	**.9856940**	**.0116633**	**.0043320**	**.0204733**	**.0097226**
Stddev	.0000886	.0043691	.0007018	.0006811	.0007388	.0008112
%RSD	.9217119	.4432533	6.017213	15.72271	3.608647	8.343719
#1	.0096711	.9887835	.0111671	.0048136	.0209957	.0091489
#2	.0095458	.9826046	.0121596	.0038504	.0199509	.0102962
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1410851**	**.0423631**	**.0052172**	**.0050179**	**.0110595**	**.0052807**
Stddev	.0006939	.0023232	.0000216	.0000707	.0014782	.0000249
%RSD	.4918162	5.484101	.4133251	1.409055	13.36619	.4705605
#1	.1405945	.0407203	.0052020	.0049679	.0100142	.0052983
#2	.1415758	.0440058	.0052325	.0050679	.0121047	.0052631
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	**.0206562**
Stddev	.0001789
%RSD	.8661481
#1	.0205297
#2	.0207827
Check ?	Chk Pass
Value	
Range	

Sample Name: CCVL Acquired: 11/20/2021 1:22:55 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1959.256	894.7780	5728.831	4419.775
Stddev	3.274	5.2833	14.983	8.055
%RSD	.1671240	.5904588	.2615386	.1822409
#1	1961.571	898.5138	5739.425	4414.079
#2	1956.940	891.0421	5718.236	4425.470

Sample Name: 500-208642-e-2-b Acquired: 11/20/2021 1:26:34 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0026862**	**134.2557**	**.0562885**	**.0587652**	**1.530695**	**.0082797**	**-.003241**
Stddev	.0012560	1.7031	.0022582	.0007346	.019849	.0003041	.001446
%RSD	46.75607	1.268549	4.011858	1.250020	1.296745	3.673298	44.60918
#1	.0017981	133.0514	.0578853	.0582458	1.516660	.0080646	-.002219
#2	.0035744	135.4599	.0546917	.0592846	1.544731	.0084947	-.004263
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**132.5120**	**.0026900**	**.6780646**	**.1112494**	**.1812705**	**.1586379**	**172.8616**
Stddev	2.2423	.0002514	.0155613	.0003026	.0007771	.0004579	2.5087
%RSD	1.692185	9.347233	2.294963	.2719718	.4286801	.2886402	1.451250
#1	130.9264	.0025122	.6670611	.1110354	.1807210	.1589617	171.0877
#2	134.0975	.0028678	.6890681	.1114633	.1818200	.1583141	174.6354
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.79473**	**.1050417**	**83.51322**	**7.744825**	**.0080340**	**2.451424**	**.1942278**
Stddev	.01306	.0004632	.89308	.109848	.0009045	.002098	.0010528
%RSD	.0882787	.4409207	1.069388	1.418336	11.25779	.0855916	.5420544
#1	14.80396	.1053691	82.88172	7.667151	.0073944	2.452908	.1934833
#2	14.78549	.1047142	84.14473	7.822499	.0086735	2.449940	.1949722
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208642-e-2-b Acquired: 11/20/2021 1:26:34 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2195089	.0038993	.0062006	1.658840	.0322929	.1417918	1.445072
Stddev	.0025099	.0015580	.0038127	.008575	.0006117	.0000075	.001063
%RSD	1.143421	39.95715	61.49002	.5168992	1.894204	.0052755	.0735762
#1	.2212837	.0050010	.0088966	1.652776	.0318604	.1417865	1.445824
#2	.2177341	.0027976	.0035046	1.664903	.0327255	.1417971	1.444320
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0030834	.3041046	.6900379
Stddev	.0047659	.0017094	.0029320
%RSD	154.5649	.5621048	.4249053
#1	.0064535	.3053133	.6921112
#2	-.000287	.3028958	.6879647
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1556.088	931.5987	5987.638	4668.177
Stddev	6.567	9.4761	3.178	24.612
%RSD	.4219958	1.017185	.0530828	.5272303
#1	1560.732	938.2993	5985.391	4650.774
#2	1551.445	924.8981	5989.886	4685.581

Sample Name: 500-208642-f-3-b Acquired: 11/20/2021 1:29:46 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0030634**	**132.0463**	**.0552841**	**.0519638**	**1.167375**	**.0078693**	**-.002890**
Stddev	.0005805	2.0301	.0031743	.0001617	.015771	.0001869	.002137
%RSD	18.95028	1.537449	5.741878	.3111745	1.351001	2.375727	73.96167
#1	.0034739	130.6108	.0575287	.0520782	1.156223	.0077371	-.001378
#2	.0026529	133.4819	.0530395	.0518495	1.178527	.0080015	-.004401
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**88.11333**	**.0020721**	**.6426859**	**.0938088**	**.1706540**	**.1403834**	**163.6874**
Stddev	.39791	.0000993	.0067047	.0003243	.0000924	.0003572	1.5335
%RSD	.4515867	4.791892	1.043236	.3457242	.0541439	.2544582	.9368507
#1	87.83196	.0020019	.6474269	.0935794	.1707193	.1406360	162.6031
#2	88.39469	.0021423	.6379450	.0940381	.1705887	.1401309	164.7718
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.80675**	**.0993433**	**58.93985**	**5.685840**	**.0079667**	**2.067083**	**.1763204**
Stddev	.21332	.0019704	.61944	.043422	.0000580	.031319	.0011317
%RSD	1.665714	1.983396	1.050977	.7636844	.7282559	1.515140	.6418358
#1	12.65591	.0979501	58.50184	5.655136	.0079257	2.044937	.1755202
#2	12.95760	.1007366	59.37787	5.716544	.0080077	2.089229	.1771206
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208642-f-3-b Acquired: 11/20/2021 1:29:46 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1825647	.0028587	.0074193	1.710822	.0312138	.1238302	1.519854
Stddev	.0014713	.0016374	.0031594	.030083	.0032265	.0003188	.000116
%RSD	.8059019	57.27817	42.58438	1.758385	10.33677	.2574084	.0076544
#1	.1815243	.0017009	.0051852	1.689551	.0289323	.1240556	1.519772
#2	.1836050	.0040165	.0096533	1.732094	.0334952	.1236048	1.519937
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0070244	.2979455	.6091960
Stddev	.0014238	.0008321	.0026808
%RSD	20.26897	.2792723	.4400589
#1	.0060177	.2973572	.6110916
#2	.0080312	.2985339	.6073004
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1592.124	934.9937	6063.989	4712.150
Stddev	24.335	17.1097	32.915	6.399
%RSD	1.528444	1.829922	.5427882	.1357913
#1	1609.331	947.0921	6040.715	4716.675
#2	1574.917	922.8954	6087.264	4707.626

Sample Name: 500-208523-f-1-h Acquired: 11/20/2021 1:32:57 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013527	75.89828	.0544552	.1084569	.2792926	.0061588
Stddev	.0006729	.91483	.0019182	.0006000	.0027149	.0001866
%RSD	49.74478	1.205334	3.522605	.5532529	.9720677	3.030254
#1	.0018285	75.25140	.0558116	.1088812	.2773729	.0060269
#2	.0008769	76.54516	.0530988	.1080326	.2812124	.0062908
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005427	F 845.3841	.0015056	.4487761	.0856958	.1349503
Stddev	.000234	31.5784	.0000716	.0056304	.0000633	.0010741
%RSD	4.304411	3.735395	4.754097	1.254622	.0738104	.7958893
#1	-.005261	823.0547	.0014550	.4447948	.0857405	.1341909
#2	-.005592	867.7134	.0015562	.4527575	.0856510	.1357098
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1859499	161.6990	20.31953	.1443019	468.9088	3.861245
Stddev	.0003337	3.2043	.02183	.0008481	6.7498	.076635
%RSD	.1794328	1.981671	.1074164	.5877132	1.439470	1.984733
#1	.1857140	159.4332	20.33496	.1449016	464.1360	3.807056
#2	.1861859	163.9648	20.30409	.1437022	473.6817	3.915435
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208523-f-1-h Acquired: 11/20/2021 1:32:57 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0235555	7.006874	.2192277	.1016981	.0047426	-.000991
Stddev	.0002687	.012699	.0006141	.0019734	.0020188	.006701
%RSD	1.140863	.1812292	.2801384	1.940457	42.56696	676.4254
#1	.0237455	7.015854	.2187934	.1030936	.0061702	-.005729
#2	.0233655	6.997895	.2196619	.1003027	.0033151	.003748
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.665241	.0261174	.3268560	1.319274	.0014073	.1783634
Stddev	.009401	.0011717	.0001432	.000321	.0001907	.0014774
%RSD	.5645663	4.486432	.0438154	.0243627	13.55425	.8283065
#1	1.671889	.0252888	.3269573	1.319046	.0015421	.1773187
#2	1.658593	.0269459	.3267547	1.319501	.0012724	.1794080
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.4366764
Stddev	.0015369
%RSD	.3519519
#1	.4355897
#2	.4377632
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208523-f-1-h Acquired: 11/20/2021 1:32:57 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1307.450	810.7606	5268.848	4311.062
Stddev	3.481	4.5699	.239	8.141
%RSD	.2662809	.5636507	.0045279	.1888304
#1	1304.989	807.5293	5268.679	4316.818
#2	1309.912	813.9920	5269.017	4305.306

Sample Name: 500-208523-f-3-d Acquired: 11/20/2021 1:36:15 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009056**	**61.30188**	**.0150264**	**.0535518**	**.4247078**	**.0041489**	**-.013228**
Stddev	.0007028	.34853	.0006166	.0004367	.0011802	.0000973	.000853
%RSD	77.60038	.5685472	4.103714	.8154635	.2778866	2.345599	6.450330
#1	.0014026	61.05543	.0145904	.0532431	.4238733	.0042177	-.013832
#2	.0004087	61.54833	.0154624	.0538606	.4255424	.0040801	-.012625
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**432.3384**	**.0018281**	**.3984342**	**.0395576**	**.1116620**	**.1022555**	**73.26256**
Stddev	5.5491	.0000194	.0014553	.0003298	.0006221	.0004703	.99286
%RSD	1.283508	1.062822	.3652442	.8336179	.5571606	.4599213	1.355208
#1	428.4146	.0018418	.3994632	.0397908	.1112221	.1019230	72.56050
#2	436.2622	.0018143	.3974052	.0393244	.1121019	.1025881	73.96462
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.847612**	**.0748588**	**260.0952**	**1.101037**	**.0181342**	**4.832678**	**.1142288**
Stddev	.028713	.0001192	1.1875	.006228	.0002706	.006825	.0005483
%RSD	.3245307	.1592595	.4565467	.5656873	1.492187	.1412240	.4799746
#1	8.827309	.0749431	259.2555	1.096633	.0179429	4.837504	.1138411
#2	8.867916	.0747745	260.9348	1.105442	.0183256	4.827852	.1146165
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208523-f-3-d Acquired: 11/20/2021 1:36:15 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0546837	.0018385	.0016036	2.451454	.0260395	.2162283	1.450684
Stddev	.0006284	.0020383	.0017777	.007190	.0002752	.0000527	.005823
%RSD	1.149182	110.8644	110.8617	.2933005	1.056832	.0243855	.4014139
#1	.0551281	.0032798	.0028606	2.456538	.0262341	.2161911	1.446566
#2	.0542393	.0003972	.0003465	2.446370	.0258449	.2162656	1.454801
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0015175	.1964667	.2353343
Stddev	.0019056	.0016229	.0015822
%RSD	125.5801	.8260654	.6723156
#1	.0028650	.1953191	.2342155
#2	.0001700	.1976143	.2364530
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1438.291	846.5315	5508.451	4353.761
Stddev	10.145	7.8093	16.556	38.095
%RSD	.7053180	.9224997	.3005597	.8749933
#1	1431.118	841.0096	5496.744	4326.824
#2	1445.465	852.0535	5520.158	4380.698

Sample Name: 500-208523-f-4-d Acquired: 11/20/2021 1:39:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020680	76.56272	.0396292	.1129090	.2772639	.0055289
Stddev	.0001556	.71759	.0023724	.0018952	.0023400	.0000846
%RSD	7.524013	.9372591	5.986543	1.678472	.8439649	1.530493
#1	.0019580	76.05531	.0413067	.1115689	.2756093	.0055887
#2	.0021780	77.07013	.0379516	.1142491	.2789186	.0054691
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004523	F 827.2582	.0014452	.4245262	.0698248	.1335222
Stddev	.000838	24.9023	.0004306	.0006630	.0009415	.0006436
%RSD	18.53065	3.010225	29.79577	.1561695	1.348341	.4819766
#1	-.003930	809.6496	.0011408	.4249950	.0691591	.1330672
#2	-.005115	844.8668	.0017498	.4240574	.0704905	.1339773
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1510036	134.9117	22.39030	.1503802	426.9611	3.085341
Stddev	.0010624	1.1151	.14894	.0017286	2.5274	.015580
%RSD	.7035687	.8265767	.6651958	1.149492	.5919535	.5049663
#1	.1517549	134.1232	22.28498	.1491579	425.1739	3.074324
#2	.1502524	135.7002	22.49562	.1516025	428.7482	3.096358
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208523-f-4-d Acquired: 11/20/2021 1:39:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172538	4.045727	.1946228	.0813469	.0045250	.0024514
Stddev	.0011087	.053334	.0033231	.0012064	.0031026	.0002321
%RSD	6.426115	1.318276	1.707446	1.482990	68.56532	9.466866
#1	.0164697	4.008014	.1922730	.0804939	.0023311	.0026155
#2	.0180378	4.083440	.1969725	.0821999	.0067188	.0022873
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.897521	.0255743	.2964325	1.500650	.0050583	.1761152
Stddev	.018964	.0004341	.0017091	.004390	.0028867	.0002848
%RSD	.9993870	1.697303	.5765561	.2925076	57.06847	.1617250
#1	1.884112	.0258812	.2976410	1.503754	.0070995	.1759138
#2	1.910930	.0252674	.2952239	1.497546	.0030171	.1763166
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.3871601
Stddev	.0027641
%RSD	.7139338
#1	.3852056
#2	.3891146
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208523-f-4-d Acquired: 11/20/2021 1:39:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1322.630	808.7594	5276.768	4321.271
Stddev	12.244	7.1215	23.539	7.971
%RSD	.9257413	.8805490	.4460896	.1844684
#1	1331.288	813.7951	5260.124	4315.634
#2	1313.972	803.7237	5293.413	4326.907

Sample Name: 500-208523-f-5-d Acquired: 11/20/2021 1:42:46 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024823	118.0026	.0779932	.1487924	.5118748	.0089720
Stddev	.0002521	.1857	.0046163	.0015384	.0002489	.0000242
%RSD	10.15569	.1573823	5.918850	1.033923	.0486196	.2691546
#1	.0026606	117.8712	.0747290	.1477046	.5116988	.0089550
#2	.0023041	118.1339	.0812574	.1498802	.5120507	.0089891
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003056	F 695.9467	.0016104	.5862262	.1357943	.1948991
Stddev	.000027	24.9470	.0002832	.0098674	.0003550	.0022459
%RSD	.8679081	3.584618	17.58471	1.683205	.2614086	1.152314
#1	-.003037	678.3065	.0018106	.5932035	.1355433	.1964871
#2	-.003074	713.5869	.0014101	.5792489	.1360453	.1933110
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2027802	208.5991	33.15877	.2393676	361.4256	5.226052
Stddev	.0004136	1.5044	.12857	.0008607	.6081	.032609
%RSD	.2039430	.7211820	.3877409	.3595686	.1682572	.6239715
#1	.2030726	207.5353	33.24969	.2399762	360.9956	5.202994
#2	.2024878	209.6629	33.06786	.2387590	361.8556	5.249110
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208523-f-5-d Acquired: 11/20/2021 1:42:46 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0374677	14.21040	.3209393	.1171991	.0056253	.0014163
Stddev	.0003025	.06518	.0025227	.0033751	.0004175	.0024688
%RSD	.8073641	.4586535	.7860420	2.879789	7.422258	174.3167
#1	.0372538	14.25648	.3191555	.1148125	.0059205	-.000329
#2	.0376816	14.16431	.3227231	.1195856	.0053300	.003162
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.602667	.0277319	.3529750	1.511921	.0049673	.2243369
Stddev	.011030	.0010184	.0009467	.001737	.0003561	.0022892
%RSD	.6882437	3.672147	.2682100	.1148620	7.169203	1.020419
#1	1.594868	.0284520	.3536444	1.510693	.0047155	.2227182
#2	1.610467	.0270118	.3523056	1.513149	.0052191	.2259556
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.5359640
Stddev	.0039803
%RSD	.7426467
#1	.5331495
#2	.5387785
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208523-f-5-d Acquired: 11/20/2021 1:42:46 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1337.550	832.8304	5411.119	4350.878
Stddev	10.562	6.1896	32.191	18.230
%RSD	.7896757	.7431951	.5948996	.4190035
#1	1345.019	837.2070	5388.357	4337.987
#2	1330.081	828.4537	5433.881	4363.769

Sample Name: 500-208523-f-6-d Acquired: 11/20/2021 1:46:04 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008283**	**79.63915**	**.0604548**	**.1038693**	**.3182213**	**.0062049**
Stddev	.0007357	.22594	.0011188	.0005786	.0003332	.0000260
%RSD	88.82599	.2836996	1.850644	.5570892	.1046979	.4191964
#1	.0003080	79.47939	.0612459	.1034601	.3184569	.0061865
#2	.0013485	79.79891	.0596636	.1042785	.3179857	.0062233
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.006947**	F **722.3239**	**.0014309**	**.4382700**	**.0831204**	**.1384612**
Stddev	.001377	11.4239	.0001054	.0141415	.0002503	.0022707
%RSD	19.82810	1.581550	7.367842	3.226659	.3011203	1.639932
#1	-.007921	730.4018	.0015054	.4282705	.0829434	.1368556
#2	-.005973	714.2460	.0013563	.4482695	.0832974	.1400668
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1560055**	**153.9864**	**23.12856**	**.1677655**	**370.2824**	**3.470144**
Stddev	.0017082	1.5688	.35996	.0025383	1.6425	.024837
%RSD	1.094951	1.018772	1.556341	1.512998	.4435792	.7157336
#1	.1572134	152.8771	23.38309	.1695603	369.1210	3.452582
#2	.1547976	155.0957	22.87403	.1659706	371.4438	3.487707
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208523-f-6-d Acquired: 11/20/2021 1:46:04 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0362477	1.899545	.2077238	.0791170	.0063399	-.001128
Stddev	.0010655	.034212	.0007103	.0013348	.0005291	.001954
%RSD	2.939588	1.801043	.3419419	1.687062	8.345133	173.2191
#1	.0354943	1.923737	.2082261	.0781732	.0059658	.000254
#2	.0370012	1.875354	.2072216	.0800609	.0067140	-.002510
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.197843	.0286271	.2936235	1.343566	.0026349	.1771323
Stddev	.001820	.0009382	.0001171	.002355	.0020559	.0001488
%RSD	.0828204	3.277386	.0398957	.1753074	78.02716	.0840120
#1	2.199130	.0279637	.2937063	1.345231	.0011811	.1770270
#2	2.196556	.0292905	.2935406	1.341900	.0040886	.1772375
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.4017892
Stddev	.0007776
%RSD	.1935230
#1	.4023390
#2	.4012394
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208523-f-6-d Acquired: 11/20/2021 1:46:04 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1358.820	826.6388	5369.784	4311.680
Stddev	.207	2.3567	29.555	33.229
%RSD	.0152415	.2850944	.5504012	.7706723
#1	1358.966	828.3052	5348.886	4288.184
#2	1358.673	824.9724	5390.683	4335.176

Sample Name: 500-208523-f-8-d Acquired: 11/20/2021 1:49:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024477	104.3105	.0490280	.1341308	.3284170	.0079458
Stddev	.0004847	.6172	.0021659	.0007233	.0027535	.0004148
%RSD	19.80217	.5917222	4.417610	.5392666	.8384180	5.219965
#1	.0027904	103.8740	.0505595	.1336193	.3264700	.0076525
#2	.0021050	104.7469	.0474965	.1346422	.3303640	.0082391
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001401	F 704.5283	.0014959	.5083186	.1032804	.1667436
Stddev	.004960	17.1192	.0000828	.0063989	.0000097	.0006599
%RSD	353.9125	2.429883	5.538002	1.258843	.0094401	.3957313
#1	.002106	692.4231	.0015545	.5037939	.1032873	.1662770
#2	-.004909	716.6334	.0014374	.5128434	.1032735	.1672102
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1842362	177.9686	28.39728	.1913776	368.3369	3.817678
Stddev	.0018126	2.2359	.18236	.0011108	1.9636	.045163
%RSD	.9838256	1.256365	.6421824	.5804255	.5330926	1.182995
#1	.1855179	176.3876	28.52623	.1921631	366.9485	3.785743
#2	.1829545	179.5497	28.26833	.1905922	369.7254	3.849612
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208523-f-8-d Acquired: 11/20/2021 1:49:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215925	1.671656	.2635789	.1016172	.0031638	-.000344
Stddev	.0004687	.006812	.0038715	.0003554	.0008495	.003581
%RSD	2.170618	.4074811	1.468830	.3497924	26.84966	1042.453
#1	.0212611	1.676473	.2663165	.1018685	.0025631	-.002876
#2	.0219239	1.666840	.2608413	.1013658	.0037645	.002189
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.615785	.0286879	.2902207	1.409422	.0051474	.2103118
Stddev	.006378	.0003089	.0011419	.002757	.0004019	.0020414
%RSD	.3947258	1.076816	.3934737	.1956279	7.807139	.9706654
#1	1.611275	.0289064	.2910281	1.411371	.0054316	.2117553
#2	1.620295	.0284695	.2894132	1.407472	.0048633	.2088683
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.4718663
Stddev	.0035591
%RSD	.7542594
#1	.4743829
#2	.4693496
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208523-f-8-d Acquired: 11/20/2021 1:49:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1358.070	836.5556	5421.163	4323.284
Stddev	6.024	5.6175	32.113	16.465
%RSD	.4435612	.6715057	.5923655	.3808371
#1	1362.329	840.5278	5398.455	4311.642
#2	1353.810	832.5834	5443.870	4334.927

Sample Name: 500-208208-d-1-b Acquired: 11/20/2021 1:52:39 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001170	52.62277	.0358236	.0575980	.1987293	.0040576
Stddev	.0001382	.47236	.0059035	.0000953	.0018114	.0000077
%RSD	118.0994	.8976298	16.47941	.1654797	.9114967	.1899386
#1	.0002147	52.28876	.0316491	.0575307	.1974485	.0040522
#2	.0000193	52.95678	.0399980	.0576654	.2000102	.0040631
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006526	F 812.2598	.0026667	.2976926	.0581858	.0917495
Stddev	.000276	25.8578	.0000963	.0139730	.0004963	.0026494
%RSD	4.234027	3.183437	3.612182	4.693764	.8529442	2.887599
#1	-.006330	793.9756	.0027348	.2878122	.0578349	.0936229
#2	-.006721	830.5440	.0025985	.3075730	.0585367	.0898761
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1474562	119.2908	10.91991	.0884082	360.9943	4.553365
Stddev	.0010235	.5876	.19518	.0015143	.0119	.022131
%RSD	.6940857	.4926118	1.787382	1.712900	.0032991	.4860399
#1	.1481799	119.7064	10.78190	.0873374	361.0027	4.569014
#2	.1467325	118.8753	11.05793	.0894790	360.9859	4.537716
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208208-d-1-b Acquired: 11/20/2021 1:52:39 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160455	4.050606	.1526574	.0849097	.0032886	-.000148
Stddev	.0007896	.061082	.0002803	.0009882	.0019972	.000607
%RSD	4.921121	1.507984	.1836292	1.163785	60.73101	409.2668
#1	.0166039	4.007414	.1524591	.0842109	.0018764	-.000578
#2	.0154872	4.093798	.1528556	.0856084	.0047008	.000281
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.257457	.0278712	.3064170	1.426586	.0004859	.1493788
Stddev	.000963	.0003317	.0013077	.001778	.0007533	.0012939
%RSD	.0765437	1.189959	.4267727	.1246664	155.0395	.8662007
#1	1.258137	.0281057	.3073417	1.427843	.0010185	.1502937
#2	1.256776	.0276367	.3054923	1.425328	-.000047	.1484638
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.6367136
Stddev	.0056873
%RSD	.8932296
#1	.6326921
#2	.6407352
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208208-d-1-b Acquired: 11/20/2021 1:52:39 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1337.835	800.9271	5192.034	4246.128
Stddev	1.596	2.2410	36.533	15.555
%RSD	.1193069	.2798018	.7036330	.3663390
#1	1336.707	799.3425	5166.201	4235.129
#2	1338.964	802.5118	5217.866	4257.127

Sample Name: 500-208208-c-2-c Acquired: 11/20/2021 1:55:58 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007490	44.81355	.0287096	.0577285	.3625719	.0036045
Stddev	.0003321	.55754	.0032830	.0007298	.0040697	.0001304
%RSD	44.34000	1.244123	11.43516	1.264134	1.122444	3.616725
#1	.0005141	44.41931	.0310310	.0572125	.3596942	.0035124
#2	.0009838	45.20779	.0263882	.0582445	.3654496	.0036967
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009184	F 947.2548	.0024558	.3203478	.0471076	.0845886
Stddev	.001381	3.7663	.0001692	.0059239	.0009386	.0010390
%RSD	15.04105	.3976042	6.888669	1.849198	1.992495	1.228323
#1	-.008208	944.5916	.0023362	.3245366	.0464439	.0853233
#2	-.010161	949.9180	.0025754	.3161590	.0477713	.0838539
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1290522	109.9989	9.731363	.0804989	483.8299	4.614359
Stddev	.0004869	2.5257	.005071	.0002609	6.5895	.088822
%RSD	.3773074	2.296073	.0521058	.3240364	1.361952	1.924914
#1	.1287079	108.2130	9.734949	.0803145	479.1704	4.551552
#2	.1293965	111.7848	9.727778	.0806834	488.4894	4.677166
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208208-c-2-c Acquired: 11/20/2021 1:55:58 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0331441	3.492552	.1347445	.0766137	.0042629	-.000772
Stddev	.0004986	.002244	.0009384	.0036887	.0018262	.000968
%RSD	1.504306	.0642461	.6964613	4.814624	42.83873	125.4127
#1	.0334966	3.490965	.1340810	.0792220	.0029716	-.000087
#2	.0327915	3.494138	.1354081	.0740055	.0055542	-.001456
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.499519	.0243255	.2862192	1.433140	.0035509	.1574980
Stddev	.007964	.0029920	.0011292	.000885	.0019099	.0002502
%RSD	.5311133	12.29995	.3945307	.0617363	53.78560	.1588451
#1	1.493888	.0222098	.2854207	1.432515	.0022004	.1573211
#2	1.505151	.0264412	.2870176	1.433766	.0049014	.1576749
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.6765666
Stddev	.0014653
%RSD	.2165842
#1	.6776028
#2	.6755305
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208208-c-2-c Acquired: 11/20/2021 1:55:58 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1294.975	785.3278	5132.773	4183.934
Stddev	2.350	.6877	34.543	3.952
%RSD	.1814367	.0875721	.6729900	.0944506
#1	1296.636	784.8415	5157.198	4181.140
#2	1293.314	785.8141	5108.347	4186.729

Sample Name: CCV Acquired: 11/20/2021 1:59:16 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5105539	48.62680	.5053534	.4928185	.5058035	.5179122
Stddev	.0002045	.21044	.0051861	.0034399	.0006407	.0009133
%RSD	.0400484	.4327581	1.026224	.6980048	.1266699	.1763372
#1	.5104093	48.47800	.5016863	.4903862	.5053505	.5185580
#2	.5106985	48.77561	.5090205	.4952509	.5062566	.5172664
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5177346	25.28863	.5002326	F .0874987	.5306119	.5002088
Stddev	.0032128	.07483	.0035632	.0071651	.0003330	.0027543
%RSD	.6205420	.2958860	.7123136	8.188779	.0627568	.5506382
#1	.5154628	25.34154	.4977130	.0824323	.5308474	.4982612
#2	.5200063	25.23572	.5027521	.0925652	.5303765	.5021564
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5083634	25.13575	48.88258	3.894479	24.76588	5.010636
Stddev	.0004948	.04804	.03597	.017412	.07611	.000332
%RSD	.0973250	.1911205	.0735874	.4470956	.3073288	.0066194
#1	.5080135	25.10178	48.90801	3.906791	24.71205	5.010871
#2	.5087132	25.16971	48.85714	3.882167	24.81969	5.010402
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/20/2021 1:59:16 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4856435**	**24.85182**	**.5263499**	**.5256919**	**.4796507**	**.4958391**
Stddev	.0031400	.00350	.0012290	.0021370	.0037080	.0025707
%RSD	.6465580	.0140979	.2334992	.4065045	.7730696	.5184454
#1	.4834232	24.85430	.5254808	.5241808	.4770287	.4976569
#2	.4878638	24.84934	.5272189	.5272029	.4822727	.4940214
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.3049418**	**.5312968**	**.4945295**	**.5021628**	**.5121203**	**4.969313**
Stddev	.0012411	.0005939	.0005474	.0005813	.0047933	.014404
%RSD	.4069792	.1117871	.1106950	.1157547	.9359658	.2898641
#1	.3040643	.5308768	.4941424	.5025738	.5155096	4.979498
#2	.3058194	.5317167	.4949166	.5017518	.5087309	4.959128
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**.5358786**
Stddev	.0021427
%RSD	.3998461
#1	.5373937
#2	.5343635
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/20/2021 1:59:16 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1716.730	870.0117	5529.009	4363.227
Stddev	11.769	10.0053	2.515	32.398
%RSD	.6855603	1.150015	.0454848	.7425155
#1	1725.053	877.0865	5530.787	4340.319
#2	1708.408	862.9369	5527.231	4386.136

Sample Name: CCB Acquired: 11/20/2021 2:02:24 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000333**	**.0104598**	**-.000160**	**.0009299**	**-.000042**	**-.000082**
Stddev	.000153	.0033454	.000551	.0003333	.000034	.000042
%RSD	45.86118	31.98360	343.7661	35.84167	81.74006	52.13082
#1	-.000441	.0128253	-.000550	.0011656	-.000066	-.000051
#2	-.000225	.0080942	.000229	.0006942	-.000018	-.000112
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021488**	**-.002186**	**.0000070**	F **-.010391**	**-.000505**	**-.001138**
Stddev	.0010621	.000588	.0001782	.008015	.000176	.000339
%RSD	49.42973	26.89668	2552.809	77.13680	34.84456	29.75084
#1	.0028998	-.001770	.0001330	-.004723	-.000630	-.000899
#2	.0013977	-.002601	-.000119	-.016058	-.000381	-.001378
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009011**	**.0225224**	**.0140873**	**.0001428**	**-.007661**	**.0000929**
Stddev	.0002889	.0039353	.0070763	.0000894	.024097	.0002730
%RSD	32.05795	17.47284	50.23205	62.60424	314.5269	293.8644
#1	.0011054	.0253051	.0090836	.0002060	.009378	-.000100
#2	.0006969	.0197397	.0190910	.0000796	-.024700	.000286
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/20/2021 2:02:24 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000192**	**.0037819**	**.0008374**	**-.000145**	**.0013370**	**.0004036**
Stddev	.000357	.0034031	.0013522	.000965	.0000096	.0023870
%RSD	185.4679	89.98286	161.4801	663.7743	.7211324	591.4787
#1	.000060	.0061883	-.000119	-.000828	.0013438	-.001284
#2	-.000445	.0013756	.001793	.000537	.0013302	.002091
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003441**	**.0018571**	**.0000451**	**.0002024**	**-.001590**	**.0006383**
Stddev	.0003318	.0004291	.0000086	.0000981	.000408	.0005885
%RSD	96.42002	23.10588	19.13959	48.44042	25.66589	92.20459
#1	.0001095	.0021605	.0000390	.0002718	-.001301	.0010544
#2	.0005787	.0015537	.0000512	.0001331	-.001878	.0002221
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**-.000598**
Stddev	.000033
%RSD	5.562997
#1	-.000622
#2	-.000575
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/20/2021 2:02:24 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1965.581	891.6178	5753.123	4447.189
Stddev	6.013	4.2121	80.209	5.973
%RSD	.3059228	.4724073	1.394183	.1343052
#1	1969.832	894.5962	5809.839	4442.966
#2	1961.329	888.6394	5696.407	4451.412

Sample Name: CCVL Acquired: 11/20/2021 2:05:44 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0054969**	**.1849841**	**.0094890**	**.0484654**	**.0101302**	**.0042571**	**.0509221**
Stddev	.0002022	.0064694	.0013950	.0001656	.0001069	.0000273	.0029028
%RSD	3.679047	3.497281	14.70126	.3416688	1.055384	.6412712	5.700452
#1	.0053539	.1804096	.0085025	.0485825	.0102058	.0042764	.0529747
#2	.0056399	.1895587	.0104754	.0483483	.0100546	.0042378	.0488695
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1974875**	**.0020859**	**.0056523**	**.0046330**	**.0103254**	**.0108527**	**.2247288**
Stddev	.0094985	.0000683	.0009334	.0000005	.0009001	.0001389	.0019287
%RSD	4.809661	3.273403	16.51399	.0104348	8.717246	1.279541	.8582573
#1	.1907710	.0021342	.0063123	.0046327	.0109619	.0107545	.2260926
#2	.2042039	.0020376	.0049923	.0046334	.0096890	.0109509	.2233649
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4770302**	**.0097457**	**.1049428**	**.0098176**	**.0093052**	**.9777424**	**.0114580**
Stddev	.0321147	.0002749	.0134217	.0003830	.0004805	.0074552	.0002180
%RSD	6.732218	2.820837	12.78952	3.901596	5.163960	.7624924	1.902775
#1	.4543217	.0095513	.0954522	.0095467	.0089654	.9724708	.0113038
#2	.4997387	.0099401	.1144333	.0100884	.0096450	.9830140	.0116121
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Sample Name: CCVL Acquired: 11/20/2021 2:05:44 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054500	.0191129	.0121528	.1415082	.0411786	.0051954	.0049780
Stddev	.0009042	.0008951	.0019029	.0000700	.0000058	.0000314	.0000445
%RSD	16.59072	4.683414	15.65777	.0494908	.0142050	.6042042	.8946673
#1	.0060894	.0197458	.0108073	.1414587	.0411744	.0051732	.0050095
#2	.0048106	.0184799	.0134984	.1415577	.0411827	.0052176	.0049465
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0102290	.0056120	.0202941
Stddev	.0007659	.0000944	.0002869
%RSD	7.487381	1.681994	1.413718
#1	.0096874	.0056787	.0200912
#2	.0107705	.0055452	.0204969
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1957.498	897.1655	5723.220	4444.806
Stddev	6.531	.6513	13.850	21.156
%RSD	.3336360	.0725960	.2419991	.4759609
#1	1962.116	897.6261	5733.013	4429.847
#2	1952.880	896.7050	5713.426	4459.765

Sample Name: 500-208208-d-3-b Acquired: 11/20/2021 2:09:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003254	70.14419	.0408687	.0811501	.3194825	.0052366
Stddev	.0004883	.27313	.0036439	.0009233	.0011928	.0003885
%RSD	150.0383	.3893906	8.916196	1.137728	.3733426	7.419737
#1	-.000020	69.95106	.0434454	.0804972	.3203259	.0049618
#2	.000671	70.33733	.0382921	.0818029	.3186390	.0055113
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007642	F 846.3904	.0024516	.4110480	.0683718	.1171664
Stddev	.001822	50.2229	.0002765	.0039876	.0002056	.0004093
%RSD	23.84659	5.933780	11.27811	.9701146	.3007340	.3493340
#1	-.006353	810.8775	.0022561	.4082283	.0685172	.1174558
#2	-.008930	881.9034	.0026471	.4138677	.0682264	.1168769
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1668366	138.3448	14.92102	.1542471	418.6451	4.889155
Stddev	.0013039	.9792	.05788	.0010634	.5293	.025314
%RSD	.7815569	.7077853	.3879412	.6893932	.1264198	.5177670
#1	.1677586	137.6524	14.96195	.1549990	418.2709	4.871255
#2	.1659146	139.0372	14.88009	.1534951	419.0193	4.907055
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208208-d-3-b Acquired: 11/20/2021 2:09:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150216	2.670554	.1742098	.2489330	.0055598	-.000725
Stddev	.0000337	.018172	.0013430	.0005635	.0013415	.000523
%RSD	.2243383	.6804657	.7709144	.2263587	24.12806	72.09924
#1	.0149978	2.683404	.1732601	.2493315	.0046112	-.000355
#2	.0150454	2.657705	.1751594	.2485346	.0065084	-.001094
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.583232	.1515194	.3325154	1.856631	.0066373	.2030663
Stddev	.016142	.0002817	.0016793	.001284	.0010426	.0001711
%RSD	1.019576	.1859235	.5050220	.0691344	15.70813	.0842319
#1	1.571818	.1517186	.3337028	1.857538	.0059000	.2031872
#2	1.594647	.1513202	.3313279	1.855723	.0073745	.2029453
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.7251732
Stddev	.0068034
%RSD	.9381766
#1	.7203625
#2	.7299840
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208208-d-3-b Acquired: 11/20/2021 2:09:22 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1297.803	800.4908	5240.543	4319.256
Stddev	4.021	2.8923	17.927	31.131
%RSD	.3098063	.3613177	.3420835	.7207455
#1	1300.646	802.5360	5227.867	4297.243
#2	1294.960	798.4457	5253.220	4341.268

Sample Name: 500-208208-c-4-b Acquired: 11/20/2021 2:12:41 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016120	42.12656	.0170624	.0830833	.1970288	.0038604
Stddev	.0011971	.67845	.0032007	.0005266	.0028947	.0001150
%RSD	74.26308	1.610510	18.75852	.6337929	1.469166	2.977749
#1	.0024584	41.64682	.0193256	.0834556	.1949819	.0039417
#2	.0007655	42.60630	.0147992	.0827109	.1990756	.0037791
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006472	F 1359.639	.0071200	.2601839	.0553902	.0741245
Stddev	.000803	62.336	.0001970	.0089097	.0001620	.0013209
%RSD	12.41391	4.584712	2.766466	3.424398	.2925352	1.782057
#1	-.007040	1403.716	.0069808	.2538838	.0555048	.0731904
#2	-.005904	1315.561	.0072593	.2664840	.0552757	.0750585
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1351725	91.06098	12.76897	.1058519	F 606.5975	5.755214
Stddev	.0004624	2.12497	.08873	.0006719	10.0240	.126036
%RSD	.3420721	2.333566	.6948887	.6347500	1.652497	2.189945
#1	.1354994	89.55840	12.70623	.1053768	599.5094	5.666093
#2	.1348455	92.56356	12.83172	.1063270	613.6855	5.844335
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					600.0000	
Low Limit					-.100000	

Sample Name: 500-208208-c-4-b Acquired: 11/20/2021 2:12:41 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0262295	2.658783	.1404705	.0701437	.0025434	.0032596
Stddev	.0007019	.012187	.0011003	.0003607	.0032674	.0009246
%RSD	2.676021	.4583753	.7833299	.5142500	128.4657	28.36660
#1	.0267258	2.650165	.1412486	.0703987	.0048538	.0039134
#2	.0257332	2.667400	.1396924	.0698886	.0002330	.0026058
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.853948	.0234708	.4576171	1.092382	.0051254	.1231946
Stddev	.004478	.0040754	.0001000	.004200	.0008598	.0001171
%RSD	.2415121	17.36388	.0218530	.3844750	16.77467	.0950822
#1	1.857114	.0205890	.4575464	1.089412	.0045175	.1231117
#2	1.850782	.0263525	.4576879	1.095351	.0057334	.1232774
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	2.247667
Stddev	.016969
%RSD	.7549639
#1	2.259666
#2	2.235668
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208208-c-4-b Acquired: 11/20/2021 2:12:41 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1208.350	744.4015	4869.793	4177.018
Stddev	10.648	4.8377	13.464	7.069
%RSD	.8812018	.6498730	.2764832	.1692242
#1	1200.821	740.9808	4860.272	4182.016
#2	1215.880	747.8223	4879.313	4172.020

Sample Name: 500-208214-e-1-f Acquired: 11/20/2021 2:15:59 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003535	18.27981	.0163789	.0276723	.1150616	.0016213	-.011046
Stddev	.0012679	.16956	.0045950	.0004963	.0013022	.0000402	.000511
%RSD	358.6737	.9276039	28.05441	1.793339	1.131740	2.476558	4.626280
#1	.0012500	18.15991	.0131297	.0280232	.1141408	.0016497	-.010685
#2	-.000543	18.39972	.0196280	.0273214	.1159824	.0015929	-.011407
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	340.7967	.0013229	.1653739	.0226457	.0519768	.0440955	48.34322
Stddev	2.7521	.0003001	.0050731	.0001181	.0006462	.0001696	.27530
%RSD	.8075404	22.68767	3.067656	.5216489	1.243255	.3845306	.5694796
#1	338.8507	.0015351	.1689611	.0225622	.0524337	.0442154	48.14855
#2	342.7427	.0011106	.1617867	.0227292	.0515198	.0439756	48.53789
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.339567	.0384700	176.1755	1.524475	.0051831	1.143933	.0473184
Stddev	.000482	.0000939	1.5164	.013721	.0001663	.003769	.0029068
%RSD	.0144187	.2441204	.8607247	.9000556	3.207440	.3294524	6.142977
#1	3.339226	.0385364	175.1032	1.514773	.0053007	1.141268	.0493738
#2	3.339907	.0384036	177.2477	1.534177	.0050656	1.146598	.0452630
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208214-e-1-f Acquired: 11/20/2021 2:15:59 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2528568	.0018851	-.000527	1.498225	.0273449	.1575127	1.145200
Stddev	.0017130	.0002793	.002102	.000440	.0008059	.0004699	.000967
%RSD	.6774554	14.81534	398.5943	.0293759	2.947230	.2983170	.0844185
#1	.2516455	.0020826	.000959	1.497914	.0267751	.1578450	1.144516
#2	.2540680	.0016876	-.002014	1.498536	.0279148	.1571804	1.145884
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0005871	.0809255	.2824795
Stddev	.0026423	.0011100	.0016932
%RSD	450.0311	1.371651	.5993980
#1	-.001281	.0801406	.2812822
#2	.002456	.0817104	.2836767
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1495.581	803.5116	5243.975	4180.126
Stddev	1.853	4.6191	20.731	11.459
%RSD	.1239133	.5748684	.3953236	.2741201
#1	1494.271	800.2454	5229.316	4172.023
#2	1496.892	806.7779	5258.634	4188.228

Sample Name: 500-208214-e-2-f Acquired: 11/20/2021 2:19:13 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002006	21.64602	.0193759	.0466324	.0813770	.0021615
Stddev	.0000159	.13720	.0028238	.0009112	.0004044	.0000062
%RSD	7.920588	.6338455	14.57394	1.954061	.4969522	.2877917
#1	.0001893	21.54900	.0213726	.0459881	.0810911	.0021659
#2	.0002118	21.74303	.0173791	.0472767	.0816630	.0021571
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011652	F 697.9250	.0015870	.2466167	.0315057	.0534089
Stddev	.001031	10.1488	.0001139	.0102666	.0007650	.0008367
%RSD	8.851659	1.454141	7.176486	4.162968	2.428262	1.566532
#1	-.010922	690.7487	.0016675	.2393571	.0309647	.0528173
#2	-.012381	705.1013	.0015065	.2538763	.0320467	.0540005
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0537768	65.73822	6.053181	.0473638	348.8598	3.227935
Stddev	.0001510	.95227	.027884	.0004250	3.6247	.057464
%RSD	.2808705	1.448581	.4606473	.8973040	1.039025	1.780204
#1	.0538836	65.06486	6.072897	.0476643	346.2967	3.187302
#2	.0536700	66.41158	6.033464	.0470633	351.4228	3.268568
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208214-e-2-f Acquired: 11/20/2021 2:19:13 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071816	2.380419	.0664180	.0364350	.0037449	-.000094
Stddev	.0003238	.017959	.0017249	.0008274	.0007459	.001929
%RSD	4.508390	.7544272	2.597101	2.270973	19.91639	2062.246
#1	.0074106	2.393117	.0676377	.0370201	.0032175	-.001457
#2	.0069527	2.367720	.0651982	.0358499	.0042723	.001270
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.492001	.0234059	.2394924	1.277650	-.003382	.0953400
Stddev	.002513	.0005632	.0006034	.002358	.000354	.0015010
%RSD	.1684008	2.406103	.2519638	.1845930	10.46895	1.574316
#1	1.490225	.0230076	.2399191	1.279318	-.003632	.0942786
#2	1.493778	.0238041	.2390657	1.275982	-.003132	.0964013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.2905498
Stddev	.0029553
%RSD	1.017133
#1	.2884601
#2	.2926395
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208214-e-2-f Acquired: 11/20/2021 2:19:13 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1372.528	788.7818	5178.698	4225.504
Stddev	3.431	.2078	15.664	8.701
%RSD	.2500132	.0263467	.3024737	.2059266
#1	1374.954	788.6349	5167.622	4219.351
#2	1370.101	788.9288	5189.774	4231.657

Sample Name: 500-208214-e-3-f Acquired: 11/20/2021 2:22:52 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000443**	**19.68193**	**.0187492**	**.0400210**	**.1013077**	**.0019717**
Stddev	.000515	.07644	.0029130	.0005359	.0004516	.0000169
%RSD	116.1954	.3883851	15.53656	1.339029	.4457551	.8576861
#1	-.000079	19.62788	.0208090	.0403999	.1009884	.0019836
#2	-.000807	19.73598	.0166894	.0396420	.1016270	.0019597
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.012424**	F **719.8943**	**.0025612**	**.2142759**	**.0281580**	**.0479644**
Stddev	.002134	25.8545	.0000526	.0021771	.0000733	.0010494
%RSD	17.17953	3.591425	2.053338	1.016027	.2602488	2.187787
#1	-.010914	701.6124	.0025240	.2158154	.0281062	.0487064
#2	-.013933	738.1761	.0025984	.2127365	.0282098	.0472224
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0467595**	**63.82939**	**4.547522**	**.0373055**	**374.4971**	**2.860958**
Stddev	.0003403	.19632	.039757	.0000408	.9990	.017576
%RSD	.7278084	.3075689	.8742603	.1094553	.2667581	.6143567
#1	.0465189	63.69057	4.519409	.0373344	373.7907	2.848530
#2	.0470001	63.96821	4.575634	.0372766	375.2035	2.873387
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208214-e-3-f Acquired: 11/20/2021 2:22:52 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047238	2.281380	.0540843	.1020580	.0036149	.0013916
Stddev	.0003155	.010331	.0000396	.0005705	.0019209	.0023440
%RSD	6.677895	.4528372	.0731486	.5589882	53.13785	168.4367
#1	.0045007	2.274075	.0541122	.1024614	.0049731	.0030491
#2	.0049469	2.288685	.0540563	.1016546	.0022566	-.000266
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.545573	.0278595	.2492304	1.350146	.0001973	.0976001
Stddev	.012300	.0029800	.0001297	.000275	.0002177	.0002237
%RSD	.7958155	10.69658	.0520502	.0203362	110.3414	.2292550
#1	1.536876	.0299667	.2491386	1.350340	.0000434	.0974418
#2	1.554271	.0257523	.2493221	1.349952	.0003513	.0977583
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.4074828
Stddev	.0044489
%RSD	1.091804
#1	.4106286
#2	.4043369
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208214-e-3-f Acquired: 11/20/2021 2:22:52 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1359.724	779.1665	5070.747	4204.557
Stddev	4.385	6.9073	36.989	18.902
%RSD	.3224841	.8864957	.7294614	.4495542
#1	1362.824	784.0507	5096.903	4191.191
#2	1356.623	774.2823	5044.592	4217.922

Sample Name: 500-208214-e-4-h Acquired: 11/20/2021 2:26:31 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000331**	**17.64341**	**.0188594**	**.0353515**	**.0630726**	**.0018046**	**-.011883**
Stddev	.000478	.07935	.0015844	.0008207	.0005983	.0002306	.000386
%RSD	144.4194	.4497664	8.401304	2.321585	.9485453	12.78001	3.252141
#1	-.000670	17.58730	.0177391	.0359318	.0626496	.0016415	-.011610
#2	.000007	17.69952	.0199798	.0347711	.0634957	.0019677	-.012157
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**569.2188**	**.0014473**	**.2135504**	**.0274745**	**.0471019**	**.0386991**	**57.22694**
Stddev	4.5954	.0000715	.0165299	.0002489	.0010625	.0002485	.13769
%RSD	.8073143	4.939202	7.740522	.9058031	2.255680	.6421185	.2406114
#1	572.4683	.0013967	.2018620	.0272985	.0463506	.0385234	57.12957
#2	565.9694	.0014978	.2252388	.0276504	.0478531	.0388748	57.32430
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.582960**	**.0373763**	**282.8640**	**2.607673**	**.0053631**	**2.121926**	**.0516507**
Stddev	.000555	.0002419	1.2355	.017165	.0002694	.003808	.0007401
%RSD	.0121053	.6472243	.4367720	.6582644	5.023926	.1794705	1.432884
#1	4.582568	.0375473	281.9904	2.595536	.0051726	2.119233	.0521741
#2	4.583353	.0372052	283.7377	2.619811	.0055536	2.124619	.0511274
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208214-e-4-h Acquired: 11/20/2021 2:26:31 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0307306	.0017012	-.000323	1.570335	.0225701	.1925437	1.253849
Stddev	.0016400	.0009642	.000068	.000499	.0002187	.0000889	.000233
%RSD	5.336661	56.67692	21.14149	.0317828	.9688214	.0461621	.0185560
#1	.0318902	.0010194	-.000371	1.569982	.0227247	.1926065	1.253684
#2	.0295709	.0023830	-.000275	1.570688	.0224154	.1924808	1.254013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.001971	.0873373	.2621151
Stddev	.000750	.0004994	.0014229
%RSD	38.06599	.5718413	.5428570
#1	-.001440	.0869841	.2631213
#2	-.002501	.0876905	.2611090
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1410.550	790.2665	5126.786	4149.928
Stddev	.264	.1650	.776	27.407
%RSD	.0187328	.0208751	.0151397	.6604202
#1	1410.737	790.1498	5127.335	4130.548
#2	1410.363	790.3831	5126.237	4169.307

Sample Name: 500-208214-e-5-f Acquired: 11/20/2021 2:30:10 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015620	43.76074	.0336636	.0813917	.2042762	.0038956
Stddev	.0006053	.24392	.0016846	.0011392	.0001501	.0001454
%RSD	38.75081	.5574025	5.004333	1.399649	.0734870	3.731076
#1	.0019899	43.58826	.0324724	.0805862	.2041700	.0039984
#2	.0011340	43.93322	.0348548	.0821973	.2043823	.0037928
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008354	F 933.4507	.0017080	.3356399	.0503754	.0850937
Stddev	.001655	51.2057	.0001519	.0120225	.0010807	.0010697
%RSD	19.81235	5.485632	8.891744	3.581962	2.145233	1.257066
#1	-.009524	897.2428	.0016006	.3441411	.0496113	.0858501
#2	-.007184	969.6585	.0018154	.3271387	.0511396	.0843373
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1241572	105.1262	12.08076	.1050467	474.8366	4.416273
Stddev	.0015121	.3071	.02596	.0000205	.8971	.012771
%RSD	1.217858	.2921393	.2149233	.0195299	.1889215	.2891793
#1	.1230880	104.9091	12.06240	.1050322	474.2023	4.407243
#2	.1252264	105.3434	12.09912	.1050612	475.4709	4.425304
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208214-e-5-f Acquired: 11/20/2021 2:30:10 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169864	2.224730	.1211084	.0688573	.0025957	.0012033
Stddev	.0004123	.000335	.0040270	.0019030	.0001450	.0016980
%RSD	2.427421	.0150658	3.325092	2.763703	5.585828	141.1184
#1	.0166948	2.224492	.1182609	.0675117	.0026982	.0024040
#2	.0172780	2.224966	.1239559	.0702030	.0024931	.0000026
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.722493	.0272497	.4093599	1.628885	.0020756	.1415329
Stddev	.023855	.0009861	.0021664	.008786	.0017216	.0011867
%RSD	1.384920	3.618675	.5292155	.5393592	82.94326	.8384832
#1	1.705625	.0265524	.4078280	1.622673	.0008583	.1406937
#2	1.739361	.0279470	.4108917	1.635097	.0032930	.1423720
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.4074009
Stddev	.0094822
%RSD	2.327482
#1	.4006960
#2	.4141058
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208214-e-5-f Acquired: 11/20/2021 2:30:10 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1289.491	780.8587	5103.947	4173.037
Stddev	17.297	6.5323	28.347	24.940
%RSD	1.341363	.8365595	.5553991	.5976448
#1	1301.721	785.4777	5123.992	4155.402
#2	1277.260	776.2396	5083.903	4190.672

Sample Name: 500-208283-a-1-a Acquired: 11/20/2021 2:33:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000575**	**1.160451**	**.0122738**	**1.171515**	**.0269824**	**.0001687**
Stddev	.000361	.008452	.0082844	.000609	.0000086	.0000266
%RSD	62.76712	.7283579	67.49683	.0519891	.0319918	15.78801
#1	-.000320	1.166428	.0064158	1.171945	.0269763	.0001499
#2	-.000831	1.154475	.0181317	1.171084	.0269885	.0001876
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.017660**	F **1419.173**	**.0040275**	**.1121345**	**.4379074**	**.0503341**
Stddev	.000125	43.656	.0000783	.0062277	.0010237	.0020663
%RSD	.7103955	3.076152	1.944083	5.553761	.2337751	4.105183
#1	-.017572	1388.304	.0040828	.1165382	.4371835	.0517952
#2	-.017749	1450.042	.0039721	.1077309	.4386312	.0488730
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.874577**	**3.257670**	**209.1220**	**.0144427**	**175.8343**	**11.10931**
Stddev	.008377	.037738	.8521	.0001205	.3434	.06879
%RSD	.4468654	1.158420	.4074783	.8339919	.1953049	.6191849
#1	1.868653	3.284354	208.5195	.0143575	175.5915	11.06067
#2	1.880500	3.230985	209.7246	.0145279	176.0772	11.15795
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208283-a-1-a Acquired: 11/20/2021 2:33:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022915	F 1423.233	.0224172	.0023530	.0045455	.1415173
Stddev	.0005206	10.337	.0007286	.0055589	.0025065	.0015429
%RSD	22.72041	.7262800	3.250297	236.2485	55.14187	1.090274
#1	.0026596	1415.923	.0219019	-.001578	.0063178	.1404263
#2	.0019233	1430.542	.0229324	.006284	.0027731	.1426084
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.378771	.0254048	1.332279	.0601675	-.002020	.0120946
Stddev	.002202	.0008071	.008605	.0008605	.000232	.0001659
%RSD	.1597341	3.176836	.6458756	1.430202	11.48342	1.372037
#1	1.380329	.0259754	1.326194	.0607759	-.001856	.0122120
#2	1.377214	.0248341	1.338364	.0595590	-.002184	.0119773
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	14.47294
Stddev	.08668
%RSD	.5989356
#1	14.41164
#2	14.53423
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208283-a-1-a Acquired: 11/20/2021 2:33:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1101.535	694.5530	4350.673	4158.261
Stddev	3.788	3.1724	10.588	4.570
%RSD	.3438713	.4567484	.2433726	.1099026
#1	1098.857	692.3098	4358.161	4161.492
#2	1104.214	696.7962	4343.186	4155.029

Sample Name: CCV Acquired: 11/20/2021 2:36:57 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5000248**	**48.49619**	**.5016829**	**.4903124**	**.5074575**	**.5184349**
Stddev	.0207623	.49266	.0035979	.0001364	.0050338	.0039622
%RSD	4.152257	1.015877	.7171734	.0278232	.9919631	.7642529
#1	.5147060	48.14782	.5042270	.4902159	.5038981	.5156332
#2	.4853436	48.84455	.4991388	.4904088	.5110169	.5212366
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5155671**	**24.97505**	**.4945753**	F **.0835551**	**.5247023**	**.4843371**
Stddev	.0000274	.08581	.0003899	.0065447	.0002787	.0157430
%RSD	.0053171	.3435924	.0788395	7.832834	.0531234	3.250427
#1	.5155477	24.91437	.4948510	.0881830	.5248994	.4954691
#2	.5155865	25.03572	.4942995	.0789273	.5245052	.4732051
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4923674**	**24.95132**	**49.33855**	**3.967335**	**24.77226**	**5.006734**
Stddev	.0219051	.24109	.50344	.036241	.23320	.031888
%RSD	4.448926	.9662541	1.020382	.9134819	.9413839	.6369023
#1	.5078567	24.78084	48.98256	3.941708	24.60736	4.984186
#2	.4768782	25.12180	49.69454	3.992961	24.93716	5.029282
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/20/2021 2:36:57 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4829034**	**25.14340**	**.5239430**	**.5197076**	**.4733476**	**.4986080**
Stddev	.0001561	.27688	.0016697	.0002652	.0018925	.0026881
%RSD	.0323335	1.101207	.3186856	.0510253	.3998155	.5391265
#1	.4827930	24.94762	.5227624	.5195201	.4746858	.5005088
#2	.4830138	25.33918	.5251237	.5198951	.4720094	.4967072
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.2999291**	**.5272981**	**.4814201**	**.4863124**	**.5091332**	**4.769443**
Stddev	.0019554	.0020741	.0205892	.0202072	.0020847	.184383
%RSD	.6519632	.3933436	4.276757	4.155194	.4094555	3.865924
#1	.3013118	.5287647	.4959788	.5006010	.5076591	4.899822
#2	.2985464	.5258315	.4668613	.4720237	.5106073	4.639065
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**.5292814**
Stddev	.0008240
%RSD	.1556902
#1	.5298641
#2	.5286987
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/20/2021 2:36:57 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1706.704	863.6065	5537.548	4277.010
Stddev	2.546	.5442	200.797	.595
%RSD	.1491736	.0630129	3.626102	.0139156
#1	1708.504	863.9913	5395.563	4276.589
#2	1704.904	863.2217	5679.533	4277.431

Sample Name: CCB Acquired: 11/20/2021 2:40:05 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000461**	**.0049913**	**-.002964**	**.0013725**	**.0000024**	**-.000057**	**-.000572**
Stddev	.000344	.0056304	.000769	.0000956	.0000237	.000070	.001213
%RSD	74.73660	112.8053	25.92899	6.966940	986.3786	124.3396	211.8293
#1	-.000217	.0010100	-.003508	.0013048	.0000192	-.000007	.000285
#2	-.000704	.0089726	-.002421	.0014401	-.000014	-.000106	-.001430
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002460**	**.0000883**	**-.000643**	**-.000083**	**-.000620**	**.0008322**	**.0401898**
Stddev	.000787	.0000542	.009508	.000022	.000310	.0000591	.0803603
%RSD	31.98927	61.42147	1479.309	26.42983	49.91203	7.100324	199.9522
#1	-.001903	.0001266	.006080	-.000098	-.000401	.0008740	-.016634
#2	-.003016	.0000500	-.007366	-.000067	-.000839	.0007904	.097013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0245227**	**.0002143**	**-.029241**	**.0001377**	**-.000048**	**.0214199**	**.0004343**
Stddev	.0065886	.0001365	.003211	.0000858	.000240	.0010453	.0006057
%RSD	26.86725	63.69584	10.98201	62.31111	499.9304	4.880210	139.4588
#1	.0291816	.0003109	-.031511	.0000770	-.000218	.0221591	.0008626
#2	.0198639	.0001178	-.026970	.0001984	.000122	.0206808	.0000060
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 11/20/2021 2:40:05 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000806	.0004384	.0000381	-.000546	.0018860	.0000450	.0001821
Stddev	.000053	.0011401	.0004522	.000377	.0005562	.0000128	.0000136
%RSD	6.556984	260.0460	1188.411	68.97946	29.49286	28.52693	7.459085
#1	-.000769	-.000368	-.000282	-.000280	.0022793	.0000359	.0001725
#2	-.000844	.001245	.000358	-.000812	.0014927	.0000540	.0001917
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0020170	.0001426	-.000003
Stddev	.0015751	.0011128	.000250
%RSD	78.09262	780.2945	7808.461
#1	.0031307	-.000644	-.000180
#2	.0009032	.000929	.000173
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1964.856	894.4977	5655.958	4340.892
Stddev	12.030	5.9625	53.606	15.897
%RSD	.6122530	.6665701	.9477745	.3662068
#1	1973.362	898.7138	5618.053	4352.133
#2	1956.349	890.2816	5693.863	4329.652

Sample Name: CCVL Acquired: 11/20/2021 2:43:26 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0044769**	**.2006409**	**.0102024**	**.0486138**	**.0101374**	**.0040782**
Stddev	.0004868	.0163863	.0013585	.0001948	.0000347	.0001771
%RSD	10.87357	8.166981	13.31499	.4006600	.3422417	4.343160
#1	.0041327	.1890541	.0092418	.0484761	.0101619	.0042035
#2	.0048211	.2122278	.0111629	.0487516	.0101129	.0039530
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0522074**	**.1846834**	**.0021175**	F **-.006848**	**.0049159**	**.0094902**
Stddev	.0017186	.0087339	.0001913	.000635	.0001697	.0004192
%RSD	3.291826	4.729127	9.034571	9.272324	3.451877	4.417574
#1	.0509922	.1785076	.0019823	-.006399	.0050359	.0097866
#2	.0534226	.1908592	.0022528	-.007297	.0047959	.0091937
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				-30.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0107474**	**.1781333**	**.5100588**	**.0101942**	**.0902940**	**.0099848**
Stddev	.0004558	.0091708	.0299229	.0001887	.0171606	.0001654
%RSD	4.240814	5.148255	5.866556	1.850748	19.00520	1.656863
#1	.0104251	.1716486	.5312175	.0103276	.1024283	.0101017
#2	.0110697	.1846180	.4889002	.0100608	.0781596	.0098678
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 11/20/2021 2:43:26 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092641	1.010456	.0101183	.0055697	.0196397	F .0132503
Stddev	.0002851	.015114	.0002004	.0012134	.0008482	.0010394
%RSD	3.077600	1.495795	1.980429	21.78509	4.318784	7.844588
#1	.0094657	1.021144	.0099766	.0064277	.0202394	.0125153
#2	.0090625	.999769	.0102600	.0047117	.0190399	.0139853
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value						.0100000
Range						30.00000%

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1425060	.0417471	.0052107	.0050177	.0110743	.0053814
Stddev	.0005418	.0011483	.0000221	.0000864	.0004760	.0006396
%RSD	.3802272	2.750560	.4246908	1.722272	4.298139	11.88457
#1	.1421229	.0409351	.0051951	.0049566	.0114108	.0049292
#2	.1428891	.0425590	.0052264	.0050788	.0107377	.0058337
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.0201244
Stddev	.0000678
%RSD	.3369472
#1	.0200765
#2	.0201723
Check ?	Chk Pass
Value	
Range	

Sample Name: CCVL Acquired: 11/20/2021 2:43:26 Type: QC
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1949.580	895.6506	5725.493	4410.475
Stddev	8.181	3.2051	44.863	21.689
%RSD	.4196088	.3578531	.7835681	.4917671
#1	1955.365	897.9170	5757.216	4395.138
#2	1943.796	893.3842	5693.770	4425.811

Sample Name: Si Acquired: 11/20/2021 2:46:45 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000132**	**.0161455**	**-.003854**	**.0009669**	**-.000024**	**-.000058**	**-.011308**
Stddev	.000235	.0016308	.002664	.0001223	.000076	.000045	.000617
%RSD	178.1603	10.10035	69.12736	12.64642	310.4108	78.45787	5.455336
#1	-.000299	.0149924	-.001970	.0010534	-.000078	-.000090	-.010872
#2	.000034	.0172986	-.005738	.0008805	.000029	-.000026	-.011745
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.010472**	**-.000594**	**.0067401**	**-.000907**	**.0001420**	**.0005586**	**-.006409**
Stddev	.004623	.000126	.0102994	.000105	.0004216	.0003330	.038701
%RSD	44.14550	21.25278	152.8087	11.55613	296.9656	59.62267	603.8809
#1	-.013740	-.000505	.0140229	-.000981	-.000156	.0007941	.020957
#2	-.007203	-.000683	-.000543	-.000833	.000440	.0003231	-.033775
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.006276**	**-.000044**	**-.006964**	**-.000203**	**-.000922**	**.0099617**	**.0069277**
Stddev	.008885	.000221	.009357	.000057	.000195	.0008001	.0000399
%RSD	141.5694	504.7933	134.3751	27.97146	21.16832	8.031827	.5758297
#1	.000007	-.000200	-.013580	-.000163	-.001060	.0105274	.0068995
#2	-.012559	.000112	-.000347	-.000243	-.000784	.0093959	.0069560
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: Si Acquired: 11/20/2021 2:46:45 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005510	.0040549	.0011372	61.53107	.0022895	.0000398	.0011983
Stddev	.0012270	.0007032	.0016914	.33183	.0004138	.0000021	.0000206
%RSD	222.6780	17.34319	148.7351	.5392909	18.07506	5.226454	1.719335
#1	-.000317	.0035576	.0023332	61.76571	.0025821	.0000413	.0011837
#2	.001419	.0045521	-.000059	61.29643	.0019969	.0000384	.0012128
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0020406	.0005366	-.000404
Stddev	.0000305	.0006404	.000234
%RSD	1.492340	119.3297	57.82268
#1	.0020191	.0000838	-.000569
#2	.0020622	.0009894	-.000239
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1900.437	887.9120	5725.730	4377.094
Stddev	9.721	7.6412	78.806	20.554
%RSD	.5115217	.8605851	1.376355	.4695907
#1	1893.563	882.5088	5670.005	4391.628
#2	1907.311	893.3152	5781.454	4362.560

Sample Name: Al Acquired: 11/20/2021 2:50:05 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015831	F 682.1915	-.000938	-.000021	.0005662	-.000049
Stddev	.0001147	2.4601	.000686	.000170	.0000261	.000102
%RSD	7.245704	.3606218	73.21802	819.3080	4.612534	209.4000
#1	.0016642	680.4519	-.000452	.000099	.0005477	.000024
#2	.0015019	683.9311	-.001423	-.000141	.0005846	-.000121
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004017	.0142028	.0007699	.1104398	-.000722	.0003088
Stddev	.0020135	.0004597	.0001476	.0096890	.000202	.0009650
%RSD	501.2210	3.236689	19.17506	8.773080	28.00211	312.5283
#1	-.001022	.0145278	.0006655	.1172910	-.000579	-.000374
#2	.001825	.0138777	.0008743	.1035887	-.000864	.000991
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020388	.0392506	.0010643	.0001323	-.005234	.0008525
Stddev	.0006514	.0948423	.0006290	.0002015	.009622	.0007443
%RSD	31.94775	241.6327	59.10131	152.2930	183.8336	87.30953
#1	.0015783	.1063142	.0015091	-.000010	-.012038	.0003262
#2	.0024994	-.027813	.0006195	.000275	.001570	.0013788
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: AI Acquired: 11/20/2021 2:50:05 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013179	.0782039	-.004938	.0028202	-.015429	.0048593
Stddev	.0002924	.0000592	.000215	.0004222	.001302	.0024861
%RSD	22.18470	.0757133	4.355748	14.96946	8.437985	51.16121
#1	.0015246	.0781620	-.005090	.0031187	-.014509	.0031014
#2	.0011112	.0782458	-.004786	.0025217	-.016350	.0066172
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071622	.0093638	-.001292	.0002357	-.001211	-.000207
Stddev	.0018370	.0009388	.000002	.0000729	.004656	.000441
%RSD	25.64886	10.02554	.1401467	30.91033	384.5231	213.0476
#1	.0084611	.0100276	-.001294	.0001842	-.004503	.000105
#2	.0058632	.0087000	-.001291	.0002872	.002082	-.000518
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	-.000287
Stddev	.000140
%RSD	48.64655
#1	-.000188
#2	-.000386
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: Al Acquired: 11/20/2021 2:50:05 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1634.007	847.5859	5246.374	3589.855
Stddev	3.781	.6320	28.478	21.865
%RSD	.2314209	.0745676	.5428076	.6090648
#1	1636.681	847.1390	5266.511	3574.394
#2	1631.333	848.0328	5226.237	3605.315

Sample Name: Fe Acquired: 11/20/2021 2:53:25 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001336**	**-.006180**	**.0044868**	**-.006683**	**-.000064**	**.0038432**	**.0250504**
Stddev	.000692	.001132	.0018368	.000015	.000076	.0003700	.0000545
%RSD	51.80187	18.32465	40.93880	.2238681	118.2060	9.628336	.2173582
#1	-.001825	-.005379	.0057856	-.006673	-.000118	.0035816	.0250119
#2	-.000846	-.006981	.0031879	-.006694	-.000011	.0041049	.0250889
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004444**	**-.001198**	**.0313162**	**.0006734**	**.0020761**	**-.007348**	**493.4512**
Stddev	.001606	.000437	.0011709	.0000470	.0019047	.000246	4.5585
%RSD	36.14899	36.48298	3.738983	6.973954	91.74120	3.354616	.9237900
#1	-.003308	-.000889	.0321442	.0007066	.0007293	-.007522	490.2279
#2	-.005580	-.001507	.0304883	.0006402	.0034230	-.007173	496.6745
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.130794**	**.0000374**	**-.009377**	**.0009649**	**-.003840**	**.0100240**	**.0082029**
Stddev	.005213	.0000112	.004719	.0000370	.000261	.0023823	.0009934
%RSD	3.985507	30.08720	50.32043	3.831572	6.806199	23.76603	12.11057
#1	-.127108	.0000294	-.012714	.0009387	-.004025	.0117085	.0089054
#2	-.134480	.0000453	-.006041	.0009910	-.003655	.0083394	.0075005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: Fe Acquired: 11/20/2021 2:53:25 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026415	.0108354	.0024543	.0085387	.0067971	.0006113	-.000830
Stddev	.0007821	.0009243	.0005376	.0001261	.0016735	.0000013	.000164
%RSD	29.61000	8.530456	21.90278	1.476425	24.62057	.2107681	19.71999
#1	.0020884	.0114890	.0028344	.0086278	.0079804	.0006122	-.000714
#2	.0031945	.0101818	.0020742	.0084495	.0056137	.0006103	-.000945
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0149103	-.001375	-.001521
Stddev	.0016490	.000097	.000664
%RSD	11.05956	7.051390	43.63462
#1	.0137443	-.001443	-.001052
#2	.0160763	-.001306	-.001991
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1760.247	845.4696	5397.829	4346.002
Stddev	5.003	1.4954	26.246	16.666
%RSD	.2842006	.1768762	.4862289	.3834803
#1	1763.785	844.4121	5416.388	4334.217
#2	1756.710	846.5270	5379.271	4357.786

Sample Name: As Acquired: 11/20/2021 2:56:45 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006928**	**.0203911**	**.9949223**	**-.000174**	**-.000052**	**.0000579**	**-.001048**
Stddev	.0002606	.0100110	.0248097	.000019	.000014	.0000899	.000316
%RSD	37.61458	49.09484	2.493635	10.66793	26.68297	155.1434	30.10032
#1	.0008770	.0274699	1.012465	-.000161	-.000043	-.000006	-.001272
#2	.0005085	.0133122	.977379	-.000187	-.000062	.000121	-.000825
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000920**	**.0002574**	**.0853225**	**-.000211**	**-.000241**	**.0007112**	**.1023646**
Stddev	.002974	.0001435	.0047334	.000321	.000739	.0003168	.0580008
%RSD	323.3870	55.74707	5.547644	152.2033	306.7499	44.54984	56.66102
#1	-.003023	.0003589	.0886695	-.000437	-.000764	.0009352	.1433774
#2	.001183	.0001560	.0819755	.000016	.000282	.0004871	.0613518
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.006818**	**-.000111**	**-.006210**	**.0005531**	**-.000661**	**.0122156**	**.0004369**
Stddev	.012740	.000156	.011383	.0002402	.000154	.0005591	.0009171
%RSD	186.8640	141.3835	183.3001	43.43424	23.24902	4.576678	209.8855
#1	-.015827	-.000221	-.014259	.0003832	-.000553	.0126109	-.000212
#2	.002191	-.000000	.001839	.0007230	-.000770	.0118203	.001085
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: As Acquired: 11/20/2021 2:56:45 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005935	-.000913	-.000773	.0054880	.0013281	.0000046	-.000171
Stddev	.0003091	.000738	.000727	.0008346	.0010055	.0000019	.000102
%RSD	52.07485	80.85464	94.08345	15.20723	75.70521	42.09905	59.90724
#1	.0008120	-.000391	-.000259	.0060782	.0006172	.0000059	-.000098
#2	.0003750	-.001435	-.001287	.0048979	.0020391	.0000032	-.000243
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0025633	.0002809	-.000202
Stddev	.0004133	.0007095	.000106
%RSD	16.12370	252.6076	52.66391
#1	.0022711	-.000221	-.000277
#2	.0028555	.000783	-.000127
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.941	892.0693	5706.460	4382.999
Stddev	23.649	10.9522	20.751	.655
%RSD	1.202331	1.227734	.3636411	.0149508
#1	1950.219	884.3249	5721.134	4382.536
#2	1983.664	899.8137	5691.787	4383.462

Sample Name: Va Acquired: 11/20/2021 3:00:06 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000188**	**-.040604**	**.0020687**	**-.000702**	**-.000020**	**.0000873**	**-.000459**
Stddev	.000421	.002719	.0026500	.000285	.000022	.0001448	.001435
%RSD	224.2487	6.695731	128.0986	40.52560	112.3334	165.8917	312.5552
#1	-.000486	-.042526	.0001949	-.000501	-.000035	.0001897	-.001474
#2	.000110	-.038681	.0039426	-.000903	-.000004	-.000015	.000556
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004852**	**.0003592**	**.0074792**	**-.000480**	**.0011089**	**-.000883**	**.0444528**
Stddev	.002436	.0001382	.0060364	.000125	.0014790	.000149	.0077502
%RSD	50.19310	38.46774	80.70918	26.03615	133.3705	16.85363	17.43470
#1	-.006575	.0002615	.0117476	-.000568	.0000631	-.000988	.0499331
#2	-.003130	.0004569	.0032108	-.000391	.0021547	-.000778	.0389726
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.011106**	**.0000517**	**.0031155**	**-.000060**	**-.000582**	**.0094843**	**.0011647**
Stddev	.002273	.0001984	.0031933	.000114	.000214	.0010214	.0003038
%RSD	20.46667	383.9667	102.4965	190.3750	36.70337	10.76921	26.08370
#1	-.009498	-.000089	.0008575	-.000140	-.000733	.0102065	.0013795
#2	-.012713	.000192	.0053735	.000021	-.000431	.0087621	.0009499
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: Va Acquired: 11/20/2021 3:00:06 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001201	-.008411	.0003626	.0018713	.0013187	.0000090	.0000437
Stddev	.000600	.002037	.0020128	.0013127	.0003783	.0000077	.0000181
%RSD	49.93330	24.22433	555.1366	70.14919	28.68477	85.45478	41.42123
#1	-.001625	-.006970	.0017859	.0027995	.0010513	.0000144	.0000565
#2	-.000777	-.009851	-.001061	.0009431	.0015862	.0000035	.0000309
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0020666	6.927536	-.000132
Stddev	.0021958	.050835	.000151
%RSD	106.2517	.7338070	114.3458
#1	.0005139	6.891591	-.000025
#2	.0036193	6.963482	-.000238
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1923.733	879.8891	5768.824	4356.070
Stddev	8.320	2.4981	53.721	63.646
%RSD	.4324858	.2839112	.9312358	1.461097
#1	1917.850	878.1227	5806.811	4401.075
#2	1929.616	881.6555	5730.838	4311.065

Sample Name: Co Acquired: 11/20/2021 3:03:27 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000115**	**.0138810**	**.0003071**	**-.000608**	**.0000162**	**.0000417**	**-.000281**
Stddev	.000157	.0128387	.0038395	.000058	.0000089	.0002404	.000218
%RSD	136.8048	92.49127	1250.078	9.479565	54.77558	576.0117	77.45902
#1	-.000004	.0229594	-.002408	-.000649	.0000225	-.000128	-.000127
#2	-.000226	.0048027	.003022	-.000567	.0000099	.000212	-.000435
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.014710**	**.0001289**	**.0062805**	**2.981772**	**.0001793**	**.0007284**	**.1382745**
Stddev	.003163	.0001635	.0067061	.020363	.0014153	.0001791	.0177252
%RSD	21.50113	126.8195	106.7775	.6829141	789.3954	24.58447	12.81882
#1	-.016947	.0000133	.0110224	2.967373	.0011801	.0008550	.1508081
#2	-.012474	.0002445	.0015385	2.996171	-.000822	.0006018	.1257409
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.023959**	**-.000274**	**.0073202**	**-.000414**	**-.000517**	**.0029870**	**.0008685**
Stddev	.005212	.000021	.0321480	.000127	.000666	.0048851	.0001239
%RSD	21.75231	7.596692	439.1661	30.81567	128.7773	163.5484	14.26110
#1	-.027644	-.000259	.0300523	-.000504	-.000989	.0064413	.0007809
#2	-.020274	-.000289	-.015412	-.000324	-.000046	-.000467	.0009561
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: Co Acquired: 11/20/2021 3:03:27 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000703	-.001244	.0002172	.0009629	.0015655	.0000103	-.000174
Stddev	.001158	.002467	.0004905	.0003335	.0000523	.0000077	.000116
%RSD	164.7005	198.3442	225.8128	34.62941	3.342224	75.07380	67.02379
#1	.000116	-.002989	-.000130	.0011987	.0015285	.0000048	-.000256
#2	-.001522	.000501	.000564	.0007271	.0016025	.0000158	-.000091
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0101542	.0004520	.0001555
Stddev	.0015128	.0000266	.0001510
%RSD	14.89853	5.878429	97.09090
#1	.0112239	.0004708	.0002623
#2	.0090844	.0004332	.0000487
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1954.018	896.9713	5717.952	4454.922
Stddev	22.994	17.1077	3.532	10.900
%RSD	1.176748	1.907277	.0617676	.2446702
#1	1970.277	909.0683	5715.455	4447.215
#2	1937.759	884.8744	5720.449	4462.630

Sample Name: Ti Acquired: 11/20/2021 3:06:47 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002227**	**.0252752**	**-.003113**	**.0000918**	**.0000067**	**.0001072**	**-.001483**
Stddev	.0000107	.0107482	.004227	.0003450	.0000643	.0001349	.000585
%RSD	4.807973	42.52458	135.7880	375.7888	965.9157	125.8412	39.44068
#1	.0002303	.0176751	-.000124	-.000152	.0000521	.0000118	-.001069
#2	.0002151	.0328753	-.006102	.000336	-.000039	.0002026	-.001897
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.010379**	**.0000880**	**.0129457**	**.0004015**	**.0004018**	**.0000554**	**.0271318**
Stddev	.002266	.0001506	.0061216	.0000873	.0004259	.0002559	.0157071
%RSD	21.83491	171.1224	47.28686	21.75085	105.9972	462.1713	57.89187
#1	-.011981	-.000018	.0086171	.0004633	.0001006	-.000126	.0382385
#2	-.008776	.000195	.0172744	.0003397	.0007030	.000236	.0160252
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004485**	**.0001408**	**-.002308**	**-.000332**	**-.000497**	**.0060541**	**.0016792**
Stddev	.007007	.0002289	.020217	.000591	.000240	.0005186	.0004857
%RSD	156.2248	162.5076	875.7801	178.2245	48.19331	8.566662	28.92416
#1	.000469	.0003026	.011987	-.000750	-.000666	.0064208	.0020227
#2	-.009440	-.000021	-.016604	.000086	-.000328	.0056873	.0013358
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: Ti Acquired: 11/20/2021 3:06:47 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004509	-.007544	-.000239	.0412739	.0022331	.0000112	2.976493
Stddev	.0001989	.001716	.000590	.0023414	.0004875	.0000011	.006362
%RSD	44.11867	22.74563	246.8558	5.672719	21.82901	9.724454	.2137452
#1	.0003102	-.008757	-.000656	.0429295	.0018884	.0000120	2.980992
#2	.0005916	-.006331	.000178	.0396184	.0025778	.0000104	2.971994
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0026304	.0021672	-.000119
Stddev	.0009003	.0006204	.000422
%RSD	34.22615	28.62677	355.0582
#1	.0032671	.0017285	.000180
#2	.0019938	.0026059	-.000417
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1939.882	886.6185	5733.132	4412.115
Stddev	2.600	4.7605	10.993	4.006
%RSD	.1340037	.5369318	.1917392	.0908054
#1	1941.720	889.9847	5740.905	4414.948
#2	1938.044	883.2523	5725.359	4409.282

Sample Name: Mn Acquired: 11/20/2021 3:10:07 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001094**	**.0358752**	**-.000141**	**-.000186**	**-.000048**	**-.000029**
Stddev	.000359	.0034748	.001691	.000017	.000003	.000056
%RSD	32.84959	9.685669	1196.407	9.403764	6.766156	195.1775
#1	-.000840	.0334182	.001054	-.000198	-.000051	-.000068
#2	-.001348	.0383322	-.001337	-.000173	-.000046	.000011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0036614**	**-.008222**	**.0001403**	**.0032145**	**-.000321**	**.0028963**
Stddev	.0002603	.001472	.0000606	.0079460	.000380	.0012136
%RSD	7.109797	17.90949	43.21017	247.1895	118.1542	41.90223
#1	.0038455	-.007180	.0001832	.0088331	-.000590	.0037544
#2	.0034774	-.009263	.0000974	-.002404	-.000053	.0020381
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004304**	**-.008997**	**-.007172**	**-.000073**	F **-.119919**	**19.32813**
Stddev	.0002892	.017527	.017200	.000014	.006476	.06353
%RSD	67.19821	194.8098	239.8289	19.88011	5.400237	.3286830
#1	.0006349	-.021390	-.019334	-.000083	-.124498	19.37305
#2	.0002259	.003396	.004991	-.000063	-.115340	19.28321
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					600.0000	
Low Limit					-.100000	

Sample Name: Mn Acquired: 11/20/2021 3:10:07 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001309**	**.0023217**	**.0014571**	**.0015321**	**-.002111**	**.0029964**
Stddev	.000062	.0007406	.0010222	.0002132	.000038	.0008751
%RSD	4.753544	31.89930	70.14688	13.91551	1.780967	29.20578
#1	-.001265	.0017980	.0021799	.0016829	-.002084	.0023776
#2	-.001353	.0028454	.0007344	.0013814	-.002137	.0036152
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013124**	**.0003648**	**-.000003**	**.0013551**	**-.001702**	**.0009475**
Stddev	.0001800	.0004380	.000008	.0000586	.000036	.0000252
%RSD	13.71578	120.0656	324.4818	4.322500	2.119025	2.658958
#1	.0014396	.0000551	-.000008	.0013136	-.001677	.0009297
#2	.0011851	.0006745	.000003	.0013965	-.001728	.0009654
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**-.000175**
Stddev	.000571
%RSD	327.2051
#1	.000229
#2	-.000579
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: Mn Acquired: 11/20/2021 3:10:07 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1908.288	878.2802	5630.565	4375.556
Stddev	18.464	6.9973	14.623	8.022
%RSD	.9675898	.7967002	.2597073	.1833441
#1	1895.232	873.3324	5640.905	4369.883
#2	1921.344	883.2280	5620.225	4381.229

Sample Name: Ce Acquired: 11/20/2021 3:13:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0066485**	**.0369985**	**-.006586**	**-.000473**	**.0007401**	**-.000056**	**-.001283**
Stddev	.0000024	.0078902	.001007	.000051	.0000619	.000086	.002237
%RSD	.0362226	21.32574	15.29235	10.80908	8.367924	152.6487	174.4259
#1	.0066502	.0314193	-.005874	-.000509	.0006963	.000004	.000299
#2	.0066468	.0425778	-.007298	-.000437	.0007839	-.000117	-.002865
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0024252**	**.0003573**	**9.863009**	**-.000169**	**.0001285**	**-.001229**	**.0042986**
Stddev	.0021615	.0001900	.050065	.000099	.0010087	.000093	.0074680
%RSD	89.12520	53.15686	.5076009	58.77009	784.9213	7.604697	173.7328
#1	.0008968	.0004917	9.827608	-.000239	-.000585	-.001295	.0095793
#2	.0039536	.0002230	9.898410	-.000099	.000842	-.001163	-.000982
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.020536**	**.0010049**	**-.074767**	**.0011956**	**-.002113**	**.0028001**	**.0001956**
Stddev	.013565	.0000822	.000939	.0000824	.000253	.0009965	.0007994
%RSD	66.05487	8.181464	1.256530	6.893822	11.98108	35.58693	408.7748
#1	-.030127	.0009468	-.075431	.0011373	-.002292	.0035047	-.000370
#2	-.010944	.0010631	-.074103	.0012539	-.001934	.0020955	.000761
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: Ce Acquired: 11/20/2021 3:13:28 Type: Unk
Method: P6111921B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004576	-.002070	.0011321	-.001176	.0021203	-.002206	-.000088
Stddev	.0002905	.000677	.0006664	.001037	.0012612	.000006	.000064
%RSD	63.47030	32.72766	58.86240	88.15416	59.48145	.2691170	72.61642
#1	.0006630	-.001591	.0006609	-.001909	.0030121	-.002202	-.000043
#2	.0002522	-.002549	.0016034	-.000443	.0012285	-.002211	-.000132
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.001203	.0004293	.0013876
Stddev	.001113	.0009102	.0004481
%RSD	92.49528	212.0100	32.29127
#1	-.001990	.0010729	.0017044
#2	-.000416	-.000214	.0010708
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1931.982	881.7434	5607.608	3770.576
Stddev	.875	2.9480	10.109	8.639
%RSD	.0452818	.3343398	.1802792	.2291131
#1	1932.600	879.6588	5600.460	3776.684
#2	1931.363	883.8280	5614.757	3764.467

General Chemistry Worksheet

Batch Number: 500-629679
Method: Moisture
Analyst: Nelson, Larry W

Date Open: Nov 18 2021 3:20PM
Batch End: Nov 19 2021 5:15AM

Lab ID	Client ID	Method Chain	Basis	Dish ID	Empty Dish Weight	Mass of wet Sample	Mass of Dry Sample	Percent Moisture	Percent Solid
500-208447-A-1	SS-010	Moisture	T	83	1.25 g	12.25 g	8.88 g	30.6364 %	69.3636 %
500-208447-A-1~DU		Moisture	T	84	1.25 g	13.20 g	9.86 g	27.9498 %	72.0502 %
500-208447-A-2	SS-011	Moisture	T	85	1.24 g	12.13 g	8.99 g	28.8338 %	71.1662 %
500-208447-A-3	SS-012	Moisture	T	86	1.26 g	12.56 g	9.65 g	25.7522 %	74.2478 %
500-208447-A-4	SS-013	Moisture	T	87	1.27 g	12.54 g	7.89 g	41.2600 %	58.7400 %
500-208447-A-5	SS-014	Moisture	T	88	1.25 g	12.74 g	7.93 g	41.8625 %	58.1375 %
500-208447-A-6	SS-015	Moisture	T	89	1.23 g	13.21 g	7.90 g	44.3239 %	55.6761 %
500-208447-A-7	SS-016	Moisture	T	90	1.23 g	12.07 g	8.34 g	34.4096 %	65.5904 %
500-208447-A-8	SS-017	Moisture	T	91	1.25 g	12.62 g	6.88 g	50.4837 %	49.5163 %
500-208447-A-9	SS-018	Moisture	T	92	1.26 g	12.14 g	8.87 g	30.0551 %	69.9449 %
500-208447-A-10	SS-019	Moisture	T	93	1.23 g	12.26 g	3.79 g	76.7906 %	23.2094 %
500-208447-A-11	SS-020	Moisture	T	94	1.25 g	12.49 g	9.61 g	25.6228 %	74.3772 %
500-208447-A-12	SS-021	Moisture	T	95	1.24 g	12.43 g	6.09 g	56.6577 %	43.3423 %
500-208447-A-13	SS-022	Moisture	T	96	1.22 g	12.26 g	4.82 g	67.3913 %	32.6087 %
500-208447-A-14	SS-023	Moisture	T	97	1.26 g	12.69 g	9.34 g	29.3088 %	70.6912 %
500-208447-A-15	SS-024	Moisture	T	98	1.24 g	12.09 g	8.51 g	32.9954 %	67.0046 %
500-208447-A-16	DUP-2	Moisture	T	99	1.24 g	12.95 g	9.07 g	33.1341 %	66.8659 %
500-208447-A-17	SS-025	Moisture	T	100	1.23 g	13.39 g	10.10 g	27.0559 %	72.9441 %
500-208447-A-18	SS-026	Moisture	T	101	1.27 g	12.84 g	9.18 g	31.6335 %	68.3665 %
500-208447-A-19	LS-01	Moisture	T	102	5.31 g	15.52 g	13.00 g	24.6817 %	75.3183 %
500-208563-F-1	BCCDD-1	Moisture	T	103	1.22 g	13.06 g	11.33 g	14.6115 %	85.3885 %

Balance ID:	C-971
Oven ID:	C-0776
Thermometer ID:	3364
Date samples were placed in the oven:	11/18/2021
Time samples were place in the oven:	15:20
Temperature - Start - Uncorrected:	104.8 Degrees C
Oven Temp In:	104.6 Degrees C
Date samples were removed from oven:	11/18/2021
Time Samples were removed from oven:	05:15
Temperature - End - Uncorrected:	105.0 Degrees C
Oven Temp Out:	104.8 Degrees C

Chain of Custody Record 442251

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Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Robin Kirtz	Site Contact: Justin Rohl	Date: 11/15/21	COC No
Company Name: VET Environmental	Tel/Email	Lab Contact	Carrier:	1 of 2 COCs
Address: 2335 N. Fountain Drive	**Analysis Turnaround Time**			Sampler
City/State/Zip: Bloomington, IN 47404	☐ CALENDAR DAYS ☐ WORKING DAYS			**For Lab Use Only**
Phone: 812 822-0400	TAT if different from Below: ASAP			Walk-in Client
Fax	☐ 2 weeks			Lab Sampling
Project Name: BFD-Lead-111521	☒ 1 week			
Site: Bloomington, IN	☐ 2 days			Job / SDG No: 500-208447
P O #	☐ 1 day			

500-208447 COC

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Lead	Sample Specific Notes
1	SS-010	11/15/21	0835	G	S	1			X	
2	SS-011	11/15/21	0925	G	S	1			X	
3	SS-012	11/15/21	0935	G	S	1			X	
4	SS-013	11/15/21	1019	G	S	1			X	
5	SS-014	11/15/21	1030	G	S	1			X	
6	SS-015	11/15/21	1100	G	S	1			X	
7	SS-016	11/15/21	1105	G	S	1			X	
8	SS-017	11/15/21	1116	G	S	1			X	
9	SS-018	11/15/21	1143	G	S	1			X	
10	SS-019	11/15/21	1150	G	S	1			X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

17→0.7, 0.3→-0.7

Custody Seals Intact ☐ Yes ☐ No	Custody Seal No	Cooler Temp (°C) Obs'd	Corr'd	Therm ID No

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Rene Lloyd	VET Environmental	11/15/21 1900			
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time
			Stephanie Hernandez	ETA-CHI	11/16/21 1025

Chain of Custody Record 442252

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Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager R Kintz	Site Contact	Date	COC No
Company Name VET Environmental	Tel/Email	Lab Contact	Carrier	2 of 2 COCs
Address 2335 W. Fountain Drive	Analysis Turnaround Time			Sampler
City/State/Zip Bloomington, IN 47404	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only
Phone 812 822-0400	TAT if different from Below ASAP			Walk-in Client
Fax	☐ 2 weeks			Lab Sampling
Project Name BFD Lead-111521	☒ 1 week			
Site Bloomington, IN	☐ 2 days			Job / SDG No 500-208447
PO #	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Lead	Sample Specific Notes
11	SS-020	11/15/21	1202	G	S	1			X	
12	SS-021	11/15/21	1417	G	S	1			X	
13	SS-022	11/15/21	1425	G	S	1			X	
14	SS-023	11/15/21	1433	G	S	1			X	
15	SS-024	11/15/21	1500	G	S	1			X	
16	DUP-2	11/15/21	—	G	S	1			X	
17	SS-025	11/15/21	1515	G	S	1			X	
18	SS-026	11/15/21	1521	G	S	1			X	
19	LS-01	11/15/21	1610	G	S	1			X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact ☐ Yes ☐ No | Custody Seal No | Cooler Temp (°C) Obs'd _____ Corr'd _____ Therm ID No _____

	Company	Date/Time		Company	Date/Time
Relinquished by Rene Lloyd	VET Environmental	11/15/21 1900	Received by		
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by Stephanie Hernandez	Company ETA-CHI	Date/Time 11/16/21 1025

Login Sample Receipt Checklist

Client: VET Environmental Engineering, LLC

Job Number: 500-208447-1

Login Number: 208447
List Number: 1
Creator: Hernandez, Stephanie

List Source: Eurofins TestAmerica, Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.7,-0.7 Samples not frozen
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Job Number: 500-208568-1

Job Description: BFD - Lead - 111521

For:
VET Environmental Engineering, LLC
2335 W. Fountain Drive
Bloomington, IN 47404

Attention: Ms. Sara R Hamidovic

Approved for release.
Robin M Kintz
Project Manager II
12/6/2021 1:19 PM

Robin M Kintz, Project Manager II
2417 Bond Street, University Park, IL, 60484
(708)534-5200
Robin.Kintz@Eurofinset.com
12/06/2021

All questions regarding this test report should be directed to the TestAmerica Project Manager whose signature appears on this report. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Definitions/Glossary

Client: VET Environmental Engineering, LLC
Job ID: 500-208568-1
Project/Site: BFD - Lead - 111521

Qualifiers

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
500-208568-1

Comments
No additional comments.

Receipt
The samples were received on 11/17/2021 10:25 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.4º C.

Metals
Method 1311: Insufficient sample was provided to perform the leaching procedure with the required 100g for the following sample: LS-02 (500-208568-8). The volume of leaching fluid was adjusted proportionally to maintain a 20:1 ratio of leaching fluid to weight of sample. Reporting limits (RLs) are not affected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: VET Environmental Engineering, LLC
Project/Site: BFD - Lead - 111521

Job ID: 500-208568-1

Client Sample ID: SS-027 — Lab Sample ID: 500-208568-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	29		0.64		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: DUP-03 — Lab Sample ID: 500-208568-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	31		0.62		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-028 — Lab Sample ID: 500-208568-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	43		0.71		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-029 — Lab Sample ID: 500-208568-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	16		0.59		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-030 — Lab Sample ID: 500-208568-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	18		0.73		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-031 — Lab Sample ID: 500-208568-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	20	F1	0.64		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-032 — Lab Sample ID: 500-208568-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	16		0.85		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: LS-02 — Lab Sample ID: 500-208568-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
TCLP pH Post-Leach	4.9		0.20		SU	1		1311	TCLP
TCLP pH Pre_I_Leach	5.7		0.20		SU	1		1311	TCLP
TCLP pH Pre_F_Leach	1.7		0.20		SU	1		1311	TCLP

Client Sample ID: SS-033 — Lab Sample ID: 500-208568-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	23		0.76		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-034 — Lab Sample ID: 500-208568-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	30		0.67		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-035 — Lab Sample ID: 500-208568-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	21		0.81		mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: VET Environmental Engineering, LLC
Project/Site: BFD - Lead - 111521

Job ID: 500-208568-1

Client Sample ID: SS-036 — Lab Sample ID: 500-208568-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	17		0.58		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-037 — Lab Sample ID: 500-208568-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	44		0.64		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-038 — Lab Sample ID: 500-208568-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	71		0.66		mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208568-1
Project/Site: BFD - Lead - 111521

Client Sample ID: SS-027
Lab Sample ID: 500-208568-1
Date Collected: 11/16/21 09:15
Matrix: Solid
Date Received: 11/17/21 10:25
Percent Solids: 73.5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	29		0.64		mg/Kg	☼	11/26/21 08:00	11/26/21 17:43	1

Client Sample ID: DUP-03
Lab Sample ID: 500-208568-2
Date Collected: 11/16/21 00:00
Matrix: Solid
Date Received: 11/17/21 10:25
Percent Solids: 74.0

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	31		0.62		mg/Kg	☼	11/26/21 08:00	11/26/21 17:46	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208568-1
Project/Site: BFD - Lead - 111521

Client Sample ID: SS-028
Lab Sample ID: 500-208568-3
Date Collected: 11/16/21 09:26
Matrix: Solid
Date Received: 11/17/21 10:25
Percent Solids: 69.1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	43		0.71		mg/Kg	☼	11/26/21 08:00	11/26/21 17:56	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208568-1
Project/Site: BFD - Lead - 111521

Client Sample ID: SS-029
Lab Sample ID: 500-208568-4
Date Collected: 11/16/21 09:36
Matrix: Solid
Date Received: 11/17/21 10:25
Percent Solids: 77.6

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	16		0.59		mg/Kg	☼	11/26/21 08:00	11/26/21 17:59	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208568-1
Project/Site: BFD - Lead - 111521

Client Sample ID: SS-030
Lab Sample ID: 500-208568-5
Date Collected: 11/16/21 10:20
Matrix: Solid
Date Received: 11/17/21 10:25
Percent Solids: 68.0

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	18		0.73		mg/Kg	☼	11/26/21 08:00	11/26/21 18:02	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208568-1
Project/Site: BFD - Lead - 111521

Client Sample ID: SS-031
Lab Sample ID: 500-208568-6
Date Collected: 11/16/21 10:39
Matrix: Solid
Date Received: 11/17/21 10:25
Percent Solids: 76.5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	20	F1	0.64		mg/Kg	☼	11/29/21 10:42	11/29/21 22:07	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208568-1
Project/Site: BFD - Lead - 111521

Client Sample ID: SS-032
Lab Sample ID: 500-208568-7
Date Collected: 11/16/21 10:49
Matrix: Solid
Date Received: 11/17/21 10:25
Percent Solids: 52.9

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	16		0.85		mg/Kg	☼	11/29/21 10:42	11/29/21 22:23	1

Client Sample ID: LS-02
Date Collected: 11/16/21 11:25
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-8
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.050		0.050		mg/L		12/01/21 09:05	12/03/21 20:51	1

General Chemistry - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TCLP pH Post-Leach	**4.9**		0.20		SU			11/29/21 13:25	1
TCLP pH Pre_I_Leach	**5.7**		0.20		SU			11/26/21 09:27	1
TCLP pH Pre_F_Leach	**1.7**		0.20		SU			11/26/21 09:27	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208568-1
Project/Site: BFD - Lead - 111521

Client Sample ID: SS-033
Lab Sample ID: 500-208568-9
Date Collected: 11/16/21 12:40
Matrix: Solid
Date Received: 11/17/21 10:25
Percent Solids: 65.0

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	23		0.76		mg/Kg	☼	11/29/21 10:42	11/29/21 22:26	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208568-1
Project/Site: BFD - Lead - 111521

Client Sample ID: SS-034
Lab Sample ID: 500-208568-10
Date Collected: 11/16/21 12:51
Matrix: Solid
Date Received: 11/17/21 10:25
Percent Solids: 69.8

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	30		0.67		mg/Kg	☼	11/29/21 10:42	11/29/21 22:30	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208568-1
Project/Site: BFD - Lead - 111521

Client Sample ID: SS-035
Lab Sample ID: 500-208568-11
Date Collected: 11/16/21 13:01
Matrix: Solid
Date Received: 11/17/21 10:25
Percent Solids: 57.6

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	21		0.81		mg/Kg	☼	11/29/21 10:42	11/29/21 22:43	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208568-1
Project/Site: BFD - Lead - 111521

Client Sample ID: SS-036
Lab Sample ID: 500-208568-12
Date Collected: 11/16/21 15:07
Matrix: Solid
Date Received: 11/17/21 10:25
Percent Solids: 76.6

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	17		0.58		mg/Kg	☼	11/29/21 10:42	11/29/21 22:46	1

Client Sample ID: SS-037
Lab Sample ID: 500-208568-13
Date Collected: 11/16/21 15:17
Matrix: Solid
Date Received: 11/17/21 10:25
Percent Solids: 67.6

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	44		0.64		mg/Kg	☼	11/29/21 10:42	11/29/21 22:49	1

Client Sample ID: SS-038
Lab Sample ID: 500-208568-14
Date Collected: 11/16/21 15:46
Matrix: Solid
Date Received: 11/17/21 10:25
Percent Solids: 73.3

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	71		0.66		mg/Kg	☼	11/29/21 10:42	11/29/21 22:52	1

Default Detection Limits

Client: VET Environmental Engineering, LLC
Job ID: 500-208568-1
Project/Site: BFD - Lead - 111521

Method: 6010C - Metals (ICP)

Prep: 3050B

Analyte	RL	MDL	Units
Lead	0.50	0.23	mg/Kg

Method: 6010C - Metals (ICP) - TCLP

Prep: 3010A

Leach: 1311

Analyte	RL	MDL	Units
Lead	0.050	0.0075	mg/L

General Chemistry - TCLP

Analyte	RL	MDL	Units
TCLP pH Post-Leach	0.20	0.20	SU
TCLP pH Pre_F_Leach	0.20	0.20	SU
TCLP pH Pre_I_Leach	0.20	0.20	SU

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 500-630666/1-A
Matrix: Solid
Analysis Batch: 631180

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630666

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.50		0.50		mg/Kg		11/26/21 08:00	11/26/21 16:21	1

Lab Sample ID: LCS 500-630666/2-A
Matrix: Solid
Analysis Batch: 631180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630666

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead			10.0	9.36		mg/Kg		94	80 - 120		

Lab Sample ID: MB 500-631245/1-A
Matrix: Solid
Analysis Batch: 631344

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631245

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.50		0.50		mg/Kg		11/29/21 10:42	11/29/21 22:00	1

Lab Sample ID: LCS 500-631245/2-A
Matrix: Solid
Analysis Batch: 631344

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631245

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead			10.0	8.81		mg/Kg		88	80 - 120		

Lab Sample ID: 500-208568-6 MS
Matrix: Solid
Analysis Batch: 631344

Client Sample ID: SS-031
Prep Type: Total/NA
Prep Batch: 631245

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead	20	F1	11.9	32.6		mg/Kg	☼	109	75 - 125		

Lab Sample ID: 500-208568-6 MSD
Matrix: Solid
Analysis Batch: 631344

Client Sample ID: SS-031
Prep Type: Total/NA
Prep Batch: 631245

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	20	F1	11.7	26.6	F1	mg/Kg	☼	59	75 - 125	20	20

Lab Sample ID: 500-208568-6 DU
Matrix: Solid
Analysis Batch: 631344

Client Sample ID: SS-031
Prep Type: Total/NA
Prep Batch: 631245

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Lead	20	F1		16.4		mg/Kg	☼			18	20

Lab Sample ID: LCS 500-631622/2-A
Matrix: Solid
Analysis Batch: 632152

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631622

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Lead			0.100	0.101		mg/L		101	80 - 120		

Method: 6010C - Metals (ICP)

Lab Sample ID: LB 500-631111/2-C
Matrix: Solid
Analysis Batch: 632152

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 631622

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.050		0.050		mg/L		12/01/21 09:05	12/03/21 18:07	1

Method: 1311 - TCLP pH Post Leach

Lab Sample ID: LB 500-631111/1-A
Matrix: Solid
Analysis Batch: 631106

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TCLP pH Post-Leach	4.92		0.20		SU			11/29/21 13:27	1

Method: 1311 - TCLP Prep leach pH

Lab Sample ID: LB 500-630944/31
Matrix: Solid
Analysis Batch: 630944

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TCLP pH Pre_F_Leach	4.20		0.20		SU			12/03/21 10:25	1

Metals

Prep Batch: 630666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208568-1	SS-027	Total/NA	Solid	3050B	
500-208568-2	DUP-03	Total/NA	Solid	3050B	
500-208568-3	SS-028	Total/NA	Solid	3050B	
500-208568-4	SS-029	Total/NA	Solid	3050B	
500-208568-5	SS-030	Total/NA	Solid	3050B	
MB 500-630666/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-630666/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Leach Batch: 631111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208568-8	LS-02	TCLP	Solid	1311	
LB 500-631111/2-C	Method Blank	TCLP	Solid	1311	

Analysis Batch: 631180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208568-1	SS-027	Total/NA	Solid	6010C	630666
500-208568-2	DUP-03	Total/NA	Solid	6010C	630666
500-208568-3	SS-028	Total/NA	Solid	6010C	630666
500-208568-4	SS-029	Total/NA	Solid	6010C	630666
500-208568-5	SS-030	Total/NA	Solid	6010C	630666
MB 500-630666/1-A	Method Blank	Total/NA	Solid	6010C	630666
LCS 500-630666/2-A	Lab Control Sample	Total/NA	Solid	6010C	630666

Prep Batch: 631245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208568-6	SS-031	Total/NA	Solid	3050B	
500-208568-7	SS-032	Total/NA	Solid	3050B	
500-208568-9	SS-033	Total/NA	Solid	3050B	
500-208568-10	SS-034	Total/NA	Solid	3050B	
500-208568-11	SS-035	Total/NA	Solid	3050B	
500-208568-12	SS-036	Total/NA	Solid	3050B	
500-208568-13	SS-037	Total/NA	Solid	3050B	
500-208568-14	SS-038	Total/NA	Solid	3050B	
MB 500-631245/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-631245/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-208568-6 MS	SS-031	Total/NA	Solid	3050B	
500-208568-6 MSD	SS-031	Total/NA	Solid	3050B	
500-208568-6 DU	SS-031	Total/NA	Solid	3050B	

Analysis Batch: 631344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208568-6	SS-031	Total/NA	Solid	6010C	631245
500-208568-7	SS-032	Total/NA	Solid	6010C	631245
500-208568-9	SS-033	Total/NA	Solid	6010C	631245
500-208568-10	SS-034	Total/NA	Solid	6010C	631245
500-208568-11	SS-035	Total/NA	Solid	6010C	631245
500-208568-12	SS-036	Total/NA	Solid	6010C	631245
500-208568-13	SS-037	Total/NA	Solid	6010C	631245
500-208568-14	SS-038	Total/NA	Solid	6010C	631245
MB 500-631245/1-A	Method Blank	Total/NA	Solid	6010C	631245
LCS 500-631245/2-A	Lab Control Sample	Total/NA	Solid	6010C	631245

Metals (Continued)

Analysis Batch: 631344 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208568-6 MS	SS-031	Total/NA	Solid	6010C	631245
500-208568-6 MSD	SS-031	Total/NA	Solid	6010C	631245
500-208568-6 DU	SS-031	Total/NA	Solid	6010C	631245

Prep Batch: 631622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208568-8	LS-02	TCLP	Solid	3010A	631111
LB 500-631111/2-C	Method Blank	TCLP	Solid	3010A	631111
LCS 500-631622/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 632152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208568-8	LS-02	TCLP	Solid	6010C	631622
LB 500-631111/2-C	Method Blank	TCLP	Solid	6010C	631622
LCS 500-631622/2-A	Lab Control Sample	Total/NA	Solid	6010C	631622

General Chemistry

Analysis Batch: 630637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208568-1	SS-027	Total/NA	Solid	Moisture	
500-208568-2	DUP-03	Total/NA	Solid	Moisture	
500-208568-3	SS-028	Total/NA	Solid	Moisture	
500-208568-4	SS-029	Total/NA	Solid	Moisture	
500-208568-5	SS-030	Total/NA	Solid	Moisture	
500-208568-6	SS-031	Total/NA	Solid	Moisture	
500-208568-7	SS-032	Total/NA	Solid	Moisture	
500-208568-9	SS-033	Total/NA	Solid	Moisture	
500-208568-10	SS-034	Total/NA	Solid	Moisture	
500-208568-11	SS-035	Total/NA	Solid	Moisture	
500-208568-12	SS-036	Total/NA	Solid	Moisture	
500-208568-13	SS-037	Total/NA	Solid	Moisture	
500-208568-14	SS-038	Total/NA	Solid	Moisture	
500-208568-1 DU	SS-027	Total/NA	Solid	Moisture	

Analysis Batch: 630944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208568-8	LS-02	TCLP	Solid	1311	
LB 500-630944/31	Method Blank	TCLP	Solid	1311	

Analysis Batch: 631106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208568-8	LS-02	TCLP	Solid	1311	
LB 500-631111/1-A	Method Blank	TCLP	Solid	1311	631111

Leach Batch: 631111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 500-631111/1-A	Method Blank	TCLP	Solid	1311	

Client Sample ID: SS-027
Date Collected: 11/16/21 09:15
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630637	11/23/21 15:01	LWN	TAL CHI

Client Sample ID: SS-027
Date Collected: 11/16/21 09:15
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-1
Matrix: Solid
Percent Solids: 73.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			630666	11/26/21 08:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	631180	11/26/21 17:43	JJB	TAL CHI

Client Sample ID: DUP-03
Date Collected: 11/16/21 00:00
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630637	11/23/21 15:01	LWN	TAL CHI

Client Sample ID: DUP-03
Date Collected: 11/16/21 00:00
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-2
Matrix: Solid
Percent Solids: 74.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			630666	11/26/21 08:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	631180	11/26/21 17:46	JJB	TAL CHI

Client Sample ID: SS-028
Date Collected: 11/16/21 09:26
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630637	11/23/21 15:01	LWN	TAL CHI

Client Sample ID: SS-028
Date Collected: 11/16/21 09:26
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-3
Matrix: Solid
Percent Solids: 69.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			630666	11/26/21 08:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	631180	11/26/21 17:56	JJB	TAL CHI

Client Sample ID: SS-029
Date Collected: 11/16/21 09:36
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630637	11/23/21 15:01	LWN	TAL CHI

Client Sample ID: SS-029
Date Collected: 11/16/21 09:36
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-4
Matrix: Solid
Percent Solids: 77.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			630666	11/26/21 08:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	631180	11/26/21 17:59	JJB	TAL CHI

Client Sample ID: SS-030
Date Collected: 11/16/21 10:20
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630637	11/23/21 15:01	LWN	TAL CHI

Client Sample ID: SS-030
Date Collected: 11/16/21 10:20
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-5
Matrix: Solid
Percent Solids: 68.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			630666	11/26/21 08:00	WRE	TAL CHI
Total/NA	Analysis	6010C		1	631180	11/26/21 18:02	JJB	TAL CHI

Client Sample ID: SS-031
Date Collected: 11/16/21 10:39
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630637	11/23/21 15:01	LWN	TAL CHI

Client Sample ID: SS-031
Date Collected: 11/16/21 10:39
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-6
Matrix: Solid
Percent Solids: 76.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631245	11/29/21 10:42	BDE	TAL CHI
Total/NA	Analysis	6010C		1	631344	11/29/21 22:07	JJB	TAL CHI

Client Sample ID: SS-032
Date Collected: 11/16/21 10:49
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630637	11/23/21 15:01	LWN	TAL CHI

Client Sample ID: SS-032
Date Collected: 11/16/21 10:49
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-7
Matrix: Solid
Percent Solids: 52.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631245	11/29/21 10:42	BDE	TAL CHI
Total/NA	Analysis	6010C		1	631344	11/29/21 22:23	JJB	TAL CHI

Client Sample ID: LS-02
Date Collected: 11/16/21 11:25
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			631111	11/26/21 14:47	EA	TAL CHI
TCLP	Prep	3010A			631622	12/01/21 09:05	BDE	TAL CHI
TCLP	Analysis	6010C		1	632152	12/03/21 20:51	JJB	TAL CHI
TCLP	Analysis	1311		1	630944	11/26/21 09:27	EA	TAL CHI
TCLP	Analysis	1311		1	631106	11/29/21 13:25	EA	TAL CHI

Client Sample ID: SS-033
Date Collected: 11/16/21 12:40
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630637	11/23/21 15:01	LWN	TAL CHI

Client Sample ID: SS-033
Date Collected: 11/16/21 12:40
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-9
Matrix: Solid
Percent Solids: 65.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631245	11/29/21 10:42	BDE	TAL CHI
Total/NA	Analysis	6010C		1	631344	11/29/21 22:26	JJB	TAL CHI

Client Sample ID: SS-034
Date Collected: 11/16/21 12:51
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630637	11/23/21 15:01	LWN	TAL CHI

Client Sample ID: SS-034
Date Collected: 11/16/21 12:51
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-10
Matrix: Solid
Percent Solids: 69.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631245	11/29/21 10:42	BDE	TAL CHI
Total/NA	Analysis	6010C		1	631344	11/29/21 22:30	JJB	TAL CHI

Client Sample ID: SS-035
Date Collected: 11/16/21 13:01
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630637	11/23/21 15:01	LWN	TAL CHI

Client Sample ID: SS-035
Date Collected: 11/16/21 13:01
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-11
Matrix: Solid
Percent Solids: 57.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631245	11/29/21 10:42	BDE	TAL CHI
Total/NA	Analysis	6010C		1	631344	11/29/21 22:43	JJB	TAL CHI

Client Sample ID: SS-036
Date Collected: 11/16/21 15:07
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630637	11/23/21 15:01	LWN	TAL CHI

Client Sample ID: SS-036
Date Collected: 11/16/21 15:07
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-12
Matrix: Solid
Percent Solids: 76.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631245	11/29/21 10:42	BDE	TAL CHI
Total/NA	Analysis	6010C		1	631344	11/29/21 22:46	JJB	TAL CHI

Client Sample ID: SS-037
Date Collected: 11/16/21 15:17
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630637	11/23/21 15:01	LWN	TAL CHI

Client Sample ID: SS-037
Date Collected: 11/16/21 15:17
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-13
Matrix: Solid
Percent Solids: 67.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631245	11/29/21 10:42	BDE	TAL CHI
Total/NA	Analysis	6010C		1	631344	11/29/21 22:49	JJB	TAL CHI

Client Sample ID: SS-038
Date Collected: 11/16/21 15:46
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630637	11/23/21 15:01	LWN	TAL CHI

Lab Chronicle

Client: VET Environmental Engineering, LLC
Project/Site: BFD - Lead - 111521

Job ID: 500-208568-1

Client Sample ID: SS-038
Date Collected: 11/16/21 15:46
Date Received: 11/17/21 10:25

Lab Sample ID: 500-208568-14
Matrix: Solid
Percent Solids: 73.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			631245	11/29/21 10:42	BDE	TAL CHI
Total/NA	Analysis	6010C		1	631344	11/29/21 22:52	JJB	TAL CHI

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: VET Environmental Engineering, LLC
Job ID: 500-208568-1
Project/Site: BFD - Lead - 111521

Laboratory: Eurofins TestAmerica, Chicago

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2903	04-29-22
Georgia	State	N/A	04-29-22
Georgia (DW)	State	939	04-30-21 *
Hawaii	State	NA	04-29-22
Illinois	NELAP	IL00035	04-29-22
Indiana	State	C-IL-02	04-29-22
Iowa	State	082	05-01-22
Kansas	NELAP	E-10161	10-31-22
Kentucky (UST)	State	AI # 108083	04-29-22
Kentucky (WW)	State	KY90023	12-31-21
Louisiana	NELAP	02046	06-30-22
Mississippi	State	NA	04-30-22
North Carolina (WW/SW)	State	291	12-31-21
North Dakota	State	R-194	04-29-22
Oklahoma	State	8908	08-31-22
South Carolina	State	77001003	04-29-22
USDA	US Federal Programs	P330-18-00018	02-11-24
Wisconsin	State	999580010	08-31-22
Wyoming	State	8TMS-Q	04-30-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: VET Environmental Engineering, LLC
Job ID: 500-208568-1
Project/Site: BFD - Lead - 111521

Method	Method Description	Protocol	Laboratory
6010C	Metals (ICP)	SW846	TAL CHI
1311	TCLP pH Post Leach	SW846	TAL CHI
1311	TCLP Prep leach pH	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
1311	TCLP Extraction	SW846	TAL CHI
3010A	Preparation, Total Metals	SW846	TAL CHI
3050B	Preparation, Metals	SW846	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: VET Environmental Engineering, LLC
Project/Site: BFD - Lead - 111521

Job ID: 500-208568-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-208568-1	SS-027	Solid	11/16/21 09:15	11/17/21 10:25
500-208568-2	DUP-03	Solid	11/16/21 00:00	11/17/21 10:25
500-208568-3	SS-028	Solid	11/16/21 09:26	11/17/21 10:25
500-208568-4	SS-029	Solid	11/16/21 09:36	11/17/21 10:25
500-208568-5	SS-030	Solid	11/16/21 10:20	11/17/21 10:25
500-208568-6	SS-031	Solid	11/16/21 10:39	11/17/21 10:25
500-208568-7	SS-032	Solid	11/16/21 10:49	11/17/21 10:25
500-208568-8	LS-02	Solid	11/16/21 11:25	11/17/21 10:25
500-208568-9	SS-033	Solid	11/16/21 12:40	11/17/21 10:25
500-208568-10	SS-034	Solid	11/16/21 12:51	11/17/21 10:25
500-208568-11	SS-035	Solid	11/16/21 13:01	11/17/21 10:25
500-208568-12	SS-036	Solid	11/16/21 15:07	11/17/21 10:25
500-208568-13	SS-037	Solid	11/16/21 15:17	11/17/21 10:25
500-208568-14	SS-038	Solid	11/16/21 15:46	11/17/21 10:25

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
M21EICVIC_00001	02/19/22	05/17/21	acidic water, Lot 261535-275677	1000 mL	M20HSTKIC_00006	8 mL	Lead	0.4 ug/mL
.M20HSTKIC_00006	02/19/22	CPI International, Lot 10096466-3			(Purchased Reagent)		Lead	50 ug/mL
M21EISAIC_00001	03/24/22	05/10/21	acidic water, Lot 261535-275677	1000 mL	M21ESTKIC_00008	100 mL	Al	500 ug/mL
							Ca	500 ug/mL
							Fe	200 ug/mL
							Mg	500 ug/mL
.M21ESTKIC_00008	05/05/22	Inorganic Ventures, Lot P2-MEB688011			(Purchased Reagent)		Al	5000 ug/mL
							Ca	5000 ug/mL
							Fe	2000 ug/mL
							Mg	5000 ug/mL
M21HCRIIC_00002	07/19/22	08/23/21	acidic water, Lot 261535-271303	1000 mL	M21BSTKIC_00004	2 mL	Lead	10 ug/L
.M21BSTKIC_00004	07/19/22	CPI International, Lot 10096346-5			(Purchased Reagent)		Lead	5 ug/mL
M21JCCVIC_00001	06/18/22	10/08/21	acidic water, Lot 261535-275677	1000 mL	M21HSTKMS_00002	5 mL	Lead	0.5 ug/mL
.M21HSTKMS_00002	01/08/23	CPI International, Lot 10096462-15			(Purchased Reagent)		Lead	100 ug/mL
M21JCCVLIC_00002	07/19/22	10/08/21	acidic water, Lot 261535-281827	1000 mL	M21BSTKIC_00004	1 mL	Lead	0.005 ug/mL
.M21BSTKIC_00004	07/19/22	CPI International, Lot 10096346-5			(Purchased Reagent)		Lead	5 ug/mL
M21JISBIC_00001	02/19/22	10/08/21	acidic water, Lot 261535-281827	1000 mL	M20HSTKIC_00005	10 mL	Ag	0.2 ug/mL
							As	0.1 ug/mL
							Ba	0.5 ug/mL
							Be	0.5 ug/mL
							Cd	1 ug/mL
							Co	0.5 ug/mL
							Cr	0.5 ug/mL
							Cu	0.5 ug/mL
							Lead	0.05 ug/mL
							Mn	0.5 ug/mL
							Ni	1 ug/mL
							Sb	0.6 ug/mL
							Se	0.05 ug/mL
							Tl	0.1 ug/mL
							V	0.5 ug/mL
							Zn	1 ug/mL
					M21ESTKIC_00002	100 mL	Al	500 ug/mL
							Ca	500 ug/mL
							Fe	200 ug/mL
							Mg	500 ug/mL
.M20HSTKIC_00005	02/19/22	CPI International, Lot 10096462-9			(Purchased Reagent)		Ag	20 ug/mL
							As	10 ug/mL
							Ba	50 ug/mL
							Be	50 ug/mL
							Cd	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Co	50 ug/mL
							Cr	50 ug/mL
							Cu	50 ug/mL
							Lead	5 ug/mL
							Mn	50 ug/mL
							Ni	100 ug/mL
							Sb	60 ug/mL
							Se	5 ug/mL
							Tl	10 ug/mL
							V	50 ug/mL
							Zn	100 ug/mL
.M21ESTKIC_00002	09/18/22	CPI International, Lot 1102642-1			(Purchased Reagent)		Al	5000 ug/mL
							Ca	5000 ug/mL
							Fe	2000 ug/mL
							Mg	5000 ug/mL
M21JSPKIC_00001	03/24/22	10/05/21	Nitric Acid Water, Lot 261535	500 mL	M20JSTKIC_00003	50 mL	Al	200 ug/mL
							Ba	200 ug/mL
							Ca	1000 ug/mL
							K	1000 ug/mL
							Mg	1000 ug/mL
							Na	1000 ug/mL
					M20JSTKIC_00004	50 mL	As	10 ug/mL
							B	100 ug/mL
							Be	5 ug/mL
							Bi	50 ug/mL
							Cd	5 ug/mL
							Co	50 ug/mL
							Cr	20 ug/mL
							Cu	25 ug/mL
							Fe	100 ug/mL
							Lead	10 ug/mL
							Li	50 ug/mL
							Mn	50 ug/mL
							Ni	50 ug/mL
							Se	10 ug/mL
							Sr	100 ug/mL
							Tl	10 ug/mL
							V	50 ug/mL
							Zn	50 ug/mL
					M20JSTKIC_00005	50 mL	Ag	5 ug/mL
							Mo	100 ug/mL
							Sb	50 ug/mL
							Si	500 ug/mL
							Sn	100 ug/mL
							Ti	100 ug/mL
					M20KSTKIC_00001	4 mL	Lead	10 ug/mL
					M21CSTKIC_00009	3 mL	As	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					M21HSTKIC_00006	4.5 mL	Se	10 ug/mL
					M21HSTKIC_00009	2.5 mL	Tl	10 ug/mL
.M20JSTKIC_00003	03/24/22	CPI International, Lot 10107076-6			(Purchased Reagent)		Al	2000 ug/mL
							Ba	2000 ug/mL
							Ca	10000 ug/mL
							K	10000 ug/mL
							Mg	10000 ug/mL
							Na	10000 ug/mL
.M20JSTKIC_00004	03/24/22	CPI International, Lot 10107076-5			(Purchased Reagent)		As	40 ug/mL
							B	1000 ug/mL
							Be	50 ug/mL
							Bi	500 ug/mL
							Cd	50 ug/mL
							Co	500 ug/mL
							Cr	200 ug/mL
							Cu	250 ug/mL
							Fe	1000 ug/mL
							Lead	20 ug/mL
							Li	500 ug/mL
							Mn	500 ug/mL
							Ni	500 ug/mL
							Se	10 ug/mL
							Sr	1000 ug/mL
							Tl	50 ug/mL
							V	500 ug/mL
							Zn	500 ug/mL
.M20JSTKIC_00005	03/25/22	CPI International, Lot 10107076-4			(Purchased Reagent)		Ag	50 ug/mL
							Mo	1000 ug/mL
							Sb	500 ug/mL
							Si	5000 ug/mL
							Sn	1000 ug/mL
							Ti	1000 ug/mL
.M20KSTKIC_00001	04/12/22	CPI International, Lot 1046594-39			(Purchased Reagent)		Lead	1000 ug/mL
.M21CSTKIC_00009	07/11/22	CPI International, Lot 1034904-107			(Purchased Reagent)		As	1000 ug/mL
.M21HSTKIC_00006	01/22/23	CPI International, Lot 1063158-82			(Purchased Reagent)		Se	1000 ug/mL
.M21HSTKIC_00009	06/12/22	CPI International, Lot 1025512-56			(Purchased Reagent)		Tl	1000 ug/mL
M2KSPKMS_00001	05/31/22	11/17/21	Nitric Acid Water, Lot 1121051	500 mL	M21CSTKIC_00009	3 mL	As	10000 ug/L
					M21FHSTKMS_00001	50 mL	Al	200000 ug/L
							Ca	1000000 ug/L
							K	1000000 ug/L
							Mg	1000000 ug/L
							Na	1000000 ug/L
					M21FSTKMS_00002	50 mL	As	10000 ug/L
							B	100000 ug/L
							Ba	50000 ug/L
							Be	5000 ug/L
							Cd	5000 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Co	50000 ug/L
							Cr	20000 ug/L
							Cu	25000 ug/L
							Fe	100000 ug/L
							Lead	10000 ug/L
							Mn	50000 ug/L
							Ni	50000 ug/L
							Se	10000 ug/L
							Sr	100000 ug/L
							Tl	10000 ug/L
							V	50000 ug/L
							Zn	50000 ug/L
					M21FSTKMS_00003	50 mL	Ag	5000 ug/L
							Mo	100000 ug/L
							Sb	50000 ug/L
							Si	500000 ug/L
							Sn	100000 ug/L
							Ti	100000 ug/L
					M21HSTKIC_00006	4.5 mL	Se	10000 ug/L
					M21HSTKIC_00009	2.5 mL	Tl	10000 ug/L
					M21HSTKMS_00005	5 mL	Li	10000 ug/L
					M21ISTKIC_00031	4 mL	Lead	10000 ug/L
.M21CSTKIC_00009	07/11/22	CPI International, Lot 1034904-107			(Purchased Reagent)		As	1000 ug/mL
.M21FHSTKMS_00001	05/31/22	Enviromental Express, Lot 2113004-500			(Purchased Reagent)		Al	2000000 ug/L
							Ca	10000000 ug/L
							K	10000000 ug/L
							Mg	10000000 ug/L
							Na	10000000 ug/L
.M21FSTKMS_00002	05/31/22	Environmental Express, Lot 2113005-500			(Purchased Reagent)		As	40000 ug/L
							B	1000000 ug/L
							Ba	500000 ug/L
							Be	50000 ug/L
							Cd	50000 ug/L
							Co	500000 ug/L
							Cr	200000 ug/L
							Cu	250000 ug/L
							Fe	1000000 ug/L
							Lead	20000 ug/L
							Mn	500000 ug/L
							Ni	500000 ug/L
							Se	10000 ug/L
							Sr	1000000 ug/L
							Tl	50000 ug/L
							V	500000 ug/L
							Zn	500000 ug/L
.M21FSTKMS_00003	05/31/22	Environmental Express, Lot 2113006			(Purchased Reagent)		Ag	50000 ug/L
							Mo	1000000 ug/L
							Sb	500000 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Si	5000000 ug/L
							Sn	1000000 ug/L
							Ti	1000000 ug/L
.M21HSTKIC_00006	01/22/23	CPI International, Lot 1063158-82			(Purchased Reagent)		Se	1000 ug/mL
.M21HSTKIC_00009	06/12/22	CPI International, Lot 1025512-56			(Purchased Reagent)		Tl	1000 ug/mL
.M21HSTKMS_00005	01/22/23	CPI International, Lot 1094768-25			(Purchased Reagent)		Li	1000 ug/mL
.M21ISTKIC_00031	01/22/23	CPI International, Lot 1046594-62			(Purchased Reagent)		Lead	1000 ug/mL

METALS

COVER PAGE
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208568-1

SDG No.:

Project: BFD - Lead - 111521

Client Sample ID	Lab Sample ID
SS-027	500-208568-1
DUP-03	500-208568-2
SS-028	500-208568-3
SS-029	500-208568-4
SS-030	500-208568-5
SS-031	500-208568-6
SS-032	500-208568-7
LS-02	500-208568-8
SS-033	500-208568-9
SS-034	500-208568-10
SS-035	500-208568-11
SS-036	500-208568-12
SS-037	500-208568-13
SS-038	500-208568-14

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-027 Lab Sample ID: 500-208568-1

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG ID.:

Matrix: Solid Date Sampled: 11/16/2021 09:15

Reporting Basis: DRY Date Received: 11/17/2021 10:25

% Solids: 73.5

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	29	0.64		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: DUP-03 Lab Sample ID: 500-208568-2

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG ID.:

Matrix: Solid Date Sampled: 11/16/2021 00:00

Reporting Basis: DRY Date Received: 11/17/2021 10:25

% Solids: 74.0

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	31	0.62		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-028 Lab Sample ID: 500-208568-3

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG ID.:

Matrix: Solid Date Sampled: 11/16/2021 09:26

Reporting Basis: DRY Date Received: 11/17/2021 10:25

% Solids: 69.1

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	43	0.71		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-029 Lab Sample ID: 500-208568-4

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG ID.:

Matrix: Solid Date Sampled: 11/16/2021 09:36

Reporting Basis: DRY Date Received: 11/17/2021 10:25

% Solids: 77.6

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	16	0.59		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-030 Lab Sample ID: 500-208568-5

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG ID.:

Matrix: Solid Date Sampled: 11/16/2021 10:20

Reporting Basis: DRY Date Received: 11/17/2021 10:25

% Solids: 68.0

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	18	0.73		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-031 Lab Sample ID: 500-208568-6

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG ID.:

Matrix: Solid Date Sampled: 11/16/2021 10:39

Reporting Basis: DRY Date Received: 11/17/2021 10:25

% Solids: 76.5

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	20	0.64		mg/Kg		F1	1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-032 Lab Sample ID: 500-208568-7

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG ID.:

Matrix: Solid Date Sampled: 11/16/2021 10:49

Reporting Basis: DRY Date Received: 11/17/2021 10:25

% Solids: 52.9

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	16	0.85		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TCLP

Client Sample ID: LS-02 Lab Sample ID: 500-208568-8

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG ID.:

Matrix: Solid Date Sampled: 11/16/2021 11:25

Reporting Basis: WET Date Received: 11/17/2021 10:25

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	<0.050	0.050		mg/L			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-033 Lab Sample ID: 500-208568-9

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG ID.:

Matrix: Solid Date Sampled: 11/16/2021 12:40

Reporting Basis: DRY Date Received: 11/17/2021 10:25

% Solids: 65.0

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	23	0.76		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-034 Lab Sample ID: 500-208568-10

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG ID.:

Matrix: Solid Date Sampled: 11/16/2021 12:51

Reporting Basis: DRY Date Received: 11/17/2021 10:25

% Solids: 69.8

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	30	0.67		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-035 Lab Sample ID: 500-208568-11

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG ID.:

Matrix: Solid Date Sampled: 11/16/2021 13:01

Reporting Basis: DRY Date Received: 11/17/2021 10:25

% Solids: 57.6

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	21	0.81		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-036 Lab Sample ID: 500-208568-12

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG ID.:

Matrix: Solid Date Sampled: 11/16/2021 15:07

Reporting Basis: DRY Date Received: 11/17/2021 10:25

% Solids: 76.6

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	17	0.58		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-037 Lab Sample ID: 500-208568-13

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG ID.:

Matrix: Solid Date Sampled: 11/16/2021 15:17

Reporting Basis: DRY Date Received: 11/17/2021 10:25

% Solids: 67.6

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	44	0.64		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-038 Lab Sample ID: 500-208568-14

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG ID.:

Matrix: Solid Date Sampled: 11/16/2021 15:46

Reporting Basis: DRY Date Received: 11/17/2021 10:25

% Solids: 73.3

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	71	0.66		mg/Kg			1	6010C

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

ICV Source: M21EICVIC_00001 Concentration Units: mg/L

CCV Source: M21JCCVIC_00001

Analyte	ICV 500-631180/7 11/26/2021 14:27				CCV 500-631180/33 11/26/2021 15:52				CCV 500-631180/45 11/26/2021 16:31			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.418		0.400	104	0.519		0.500	104	0.520		0.500	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

ICV Source: M21EICVIC_00001 Concentration Units: mg/L

CCV Source: M21JCCVIC_00001

Analyte	CCV 500-631180/57 11/26/2021 17:10				CCV 500-631180/69 11/26/2021 17:50				CCV 500-631180/81 11/26/2021 18:29			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.506		0.500	101	0.514		0.500	103	0.522		0.500	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

ICV Source: M21JCCVLIC_00002 Concentration Units: mg/L

CCV Source: M21JCCVLIC_00002

Analyte	ICVL 500-631180/9 11/26/2021 14:33				CCVL 500-631180/83 11/26/2021 18:35							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	<0.0050		0.00500	76	0.00448	J	0.00500	90				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

ICV Source: M21EICVIC_00001 Concentration Units: mg/L

CCV Source: M21JCCVIC_00001

Analyte	ICV 500-631344/7 11/29/2021 18:08				CCV 500-631344/76 11/29/2021 21:54				CCV 500-631344/88 11/29/2021 22:33			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.405		0.400	101	0.510		0.500	102	0.515		0.500	103

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

ICV Source: M21EICVIC_00001 Concentration Units: mg/L

CCV Source: M21JCCVIC_00001

Analyte	CCV 500-631344/101 11/29/2021 23:15											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.516		0.500	103								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

ICV Source: M21JCCVLIC_00002 Concentration Units: mg/L

CCV Source: M21JCCVLIC_00002

Analyte	ICVL 500-631344/9 11/29/2021 18:14				CCVL 500-631344/111 11/29/2021 23:48							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	<0.0050		0.00500	83	0.00524		0.00500	105				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

ICV Source: M21EICVIC_00001 Concentration Units: mg/L

CCV Source: M21JCCVIC_00001

Analyte	ICV 500-632152/7 12/03/2021 15:52				CCV 500-632152/40 12/03/2021 17:41				CCV 500-632152/52 12/03/2021 18:21			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.407		0.400	102	0.504		0.500	101	0.522		0.500	104

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

ICV Source: M21EICVIC_00001 Concentration Units: mg/L

CCV Source: M21JCCVIC_00001

Analyte	CCV 500-632152/76 12/03/2021 19:38				CCV 500-632152/88 12/03/2021 20:18				CCV 500-632152/101 12/03/2021 21:01			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.536		0.500	107	0.532		0.500	106	0.529		0.500	106

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

ICV Source: M21JCCVLIC_00002 Concentration Units: mg/L

CCV Source: M21JCCVLIC_00002

Analyte	ICVL 500-632152/9 12/03/2021 15:58				CCVL 500-632152/113 12/03/2021 21:40							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	<0.0050		0.00500	86	0.00505		0.00500	101				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Method: 6010C Instrument ID: ICP6

Lab Sample ID: CRI 500-631180/10 Concentration Units: mg/L

CRQL Check Standard Source: M21HCRIIC_00002

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Lead	0.0100	0.00789		79	50-150

Lab Sample ID: CRI 500-631344/10 Concentration Units: mg/L

CRQL Check Standard Source: M21HCRIIC_00002

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Lead	0.0100	0.0108		108	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Method: 6010C Instrument ID: ICP8

Lab Sample ID: CRI 500-632152/10 Concentration Units: mg/L

CRQL Check Standard Source: M21HCRIIC_00002

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Lead	0.0100	0.0110		110	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICBIS 500-631180/8 11/26/2021 14:30		CCB 500-631180/34 11/26/2021 15:55		CCB 500-631180/46 11/26/2021 16:34		CCB 500-631180/58 11/26/2021 17:14	
		Found	C	Found	C	Found	C	Found	C
Lead	0.0050	<0.0050		<0.0050		<0.0050		<0.0050	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 500-631180/70 11/26/2021 17:53		CCB 500-631180/82 11/26/2021 18:32					
		Found	C	Found	C	Found	C	Found	C
Lead	0.0050	<0.0050		<0.0050					

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICBIS 500-631344/8 11/29/2021 18:11		CCB 500-631344/77 11/29/2021 21:57		CCB 500-631344/89 11/29/2021 22:36		CCB 500-631344/102 11/29/2021 23:18	
		Found	C	Found	C	Found	C	Found	C
Lead	0.0050	<0.0050		<0.0050		<0.0050		<0.0050	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICBIS 500-632152/8 12/03/2021 15:55		CCB 500-632152/41 12/03/2021 17:44		CCB 500-632152/53 12/03/2021 18:24		CCB 500-632152/77 12/03/2021 19:42	
		Found	C	Found	C	Found	C	Found	C
Lead	0.0050	<0.0050		<0.0050		<0.0050		<0.0050	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 500-632152/89 12/03/2021 20:21		CCB 500-632152/102 12/03/2021 21:04					
		Found	C	Found	C	Found	C	Found	C
Lead	0.0050	<0.0050		<0.0050					

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 500-630666/1-A

Instrument Code: ICP6 Batch No.: 631180

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	<0.50			6010C

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 500-631245/1-A

Instrument Code: ICP6 Batch No.: 631344

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	<0.50			6010C

3-IN
METHOD BLANK
METALS - TCLP

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Concentration Units: mg/L Lab Sample ID: LB 500-631111/2-C

Instrument Code: ICP8 Batch No.: 632152

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	<0.050			6010C

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Lab Sample ID: ICSA 500-631180/11 Instrument ID: ICP6

Lab File ID: P6112621BB.asc ICS Source: M21EISAIC_00001

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Lead		**0.0043**	
Aluminum	*500*	*535*	*107*
Antimony		*-0.0081*	
Arsenic		*0.0002*	
Barium		*0.0078*	
Beryllium		*0.0018*	
Bismuth		*0.0044*	
Boron		*-0.0009*	
Cadmium		*0.0005*	
Calcium	*500*	*511*	*102*
Chromium		*-0.0008*	
Cobalt		*0.0000*	
Copper		*0.0013*	
Iron	*200*	*202*	*101*
Lithium		*0.0013*	
Magnesium	*500*	*483*	*97*
Manganese		*0.0025*	
Molybdenum		*0.0006*	
Nickel		*0.0018*	
Potassium		*-0.0032*	
Selenium		*0.0032*	
Silicon		*-0.0156*	
Silver		*0.0005*	
Sodium		*0.0362*	
Strontium		*0.0020*	
Thallium		*-0.0002*	
Tin		*0.0122*	
Titanium		*0.0029*	
Vanadium		*-0.0007*	
Zinc		*0.0007*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Lab Sample ID: ICSAB 500-631180/12 Instrument ID: ICP6

Lab File ID: P6112621BB.asc ICS Source: M21JISBIC_00001

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Lead	**0.0500**	**0.0544**	**109**
Aluminum	*500*	*547*	*109*
Antimony	*0.600*	*0.575*	*96*
Arsenic	*0.100*	*0.0959*	*96*
Barium	*0.500*	*0.526*	*105*
Beryllium	*0.500*	*0.577*	*115*
Bismuth		*0.0038*	
Boron		*-0.0008*	
Cadmium	*1.00*	*1.09*	*109*
Calcium	*500*	*509*	*102*
Chromium	*0.500*	*0.450*	*90*
Cobalt	*0.500*	*0.527*	*105*
Copper	*0.500*	*0.570*	*114*
Iron	*200*	*201*	*101*
Lithium		*0.0014*	
Magnesium	*500*	*489*	*98*
Manganese	*0.500*	*0.508*	*102*
Molybdenum		*0.0000*	
Nickel	*1.00*	*1.02*	*102*
Potassium		*-0.0212*	
Selenium	*0.0500*	*0.0486*	*97*
Silicon		*-0.0008*	
Silver	*0.200*	*0.223*	*112*
Sodium		*0.0412*	
Strontium		*0.0018*	
Thallium	*0.100*	*0.0926*	*93*
Tin		*0.0137*	
Titanium		*0.0031*	
Vanadium	*0.500*	*0.470*	*94*
Zinc	*1.00*	*1.04*	*104*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Lab Sample ID: ICSA 500-631344/11 Instrument ID: ICP6

Lab File ID: P6112921B.asc ICS Source: M21EISAIC_00001

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Lead		**0.0030**	
Aluminum	*500*	*591*	*118*
Antimony		*-0.0048*	
Arsenic		*0.0014*	
Beryllium		*0.0013*	
Bismuth		*0.0025*	
Boron		*-0.0038*	
Cadmium		*0.0002*	
Calcium	*500*	*592*	*118*
Chromium		*-0.0007*	
Cobalt		*0.0003*	
Copper		*-0.0002*	
Iron	*200*	*239*	*119*
Lithium		*0.0011*	
Magnesium	*500*	*601*	*120*
Manganese		*0.0009*	
Molybdenum		*0.0039*	
Nickel		*0.0022*	
Potassium		*-0.0617*	
Selenium		*0.0004*	
Silicon		*-0.0214*	
Silver		*0.0021*	
Sodium		*0.0524*	
Strontium		*0.0004*	
Thallium		*0.0079*	
Tin		*0.0105*	
Titanium		*0.0023*	
Vanadium		*-0.0032*	
Zinc		*0.0016*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Lab Sample ID: ICSAB 500-631344/12 Instrument ID: ICP6

Lab File ID: P6112921B.asc ICS Source: M21JISBIC_00001

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Lead	**0.0500**	**0.0506**	**101**
Aluminum	*500*	*587*	*117*
Antimony	*0.600*	*0.578*	*96*
Arsenic	*0.100*	*0.0937*	*94*
Beryllium	*0.500*	*0.541*	*108*
Bismuth		*-0.0010*	
Boron		*-0.0039*	
Cadmium	*1.00*	*1.04*	*104*
Calcium	*500*	*591*	*118*
Chromium	*0.500*	*0.448*	*90*
Cobalt	*0.500*	*0.519*	*104*
Copper	*0.500*	*0.557*	*111*
Iron	*200*	*239*	*119*
Lithium		*0.0009*	
Magnesium	*500*	*598*	*120*
Molybdenum		*0.0035*	
Nickel	*1.00*	*1.01*	*101*
Potassium		*-0.0629*	
Selenium	*0.0500*	*0.0455*	*91*
Silicon		*0.0070*	
Silver	*0.200*	*0.220*	*110*
Sodium		*0.0442*	
Strontium		*0.0005*	
Thallium	*0.100*	*0.0879*	*88*
Tin		*0.0122*	
Titanium		*0.0022*	
Vanadium	*0.500*	*0.466*	*93*
Zinc	*1.00*	*1.05*	*105*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Lab Sample ID: ICSA 500-632152/11 Instrument ID: ICP8

Lab File ID: P8120321B.asc ICS Source: M21EISAIC_00001

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Lead		**0.0040**	
Aluminum	*500*	*497*	*99*
Antimony		*0.0041*	
Arsenic		*-0.0045*	
Barium		*0.0076*	
Beryllium		*0.0018*	
Bismuth		*0.0155*	
Boron		*-0.0041*	
Cadmium		*-0.0011*	
Calcium	*500*	*479*	*96*
Chromium		*0.0015*	
Cobalt		*0.0007*	
Copper		*0.0041*	
Iron	*200*	*190*	*95*
Lithium		*-0.0018*	
Magnesium	*500*	*510*	*102*
Manganese		*0.0001*	
Molybdenum		*-0.0015*	
Nickel		*0.0035*	
Potassium		*0.0722*	
Selenium		*0.0045*	
Silicon		*-0.0119*	
Silver		*0.0001*	
Sodium		*0.0512*	
Strontium		*0.0025*	
Thallium		*-0.0016*	
Tin		*0.0043*	
Titanium		*0.0000*	
Vanadium		*0.0004*	
Zinc		*0.0031*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Lab Sample ID: ICSAB 500-632152/12 Instrument ID: ICP8

Lab File ID: P8120321B.asc ICS Source: M21JISBIC_00001

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Lead	**0.0500**	**0.0511**	**102**
Aluminum	*500*	*494*	*99*
Antimony	*0.600*	*0.566*	*94*
Arsenic	*0.100*	*0.0892*	*89*
Barium	*0.500*	*0.502*	*100*
Beryllium	*0.500*	*0.500*	*100*
Bismuth		*0.0148*	
Boron		*-0.0042*	
Cadmium	*1.00*	*0.965*	*97*
Calcium	*500*	*477*	*95*
Chromium	*0.500*	*0.472*	*94*
Cobalt	*0.500*	*0.511*	*102*
Copper	*0.500*	*0.509*	*102*
Iron	*200*	*190*	*95*
Lithium		*-0.0028*	
Magnesium	*500*	*507*	*101*
Manganese	*0.500*	*0.463*	*93*
Molybdenum		*-0.0012*	
Nickel	*1.00*	*1.01*	*101*
Potassium		*0.0219*	
Selenium	*0.0500*	*0.0485*	*97*
Silicon		*0.0120*	
Silver	*0.200*	*0.203*	*102*
Sodium		*0.0296*	
Strontium		*0.0024*	
Thallium	*0.100*	*0.0872*	*87*
Tin		*0.0077*	
Titanium		*-0.0014*	
Vanadium	*0.500*	*0.489*	*98*
Zinc	*1.00*	*1.07*	*107*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: SS-031 MS
Lab ID: 500-208568-6 MS
Lab Name: Eurofins TestAmerica, Chicago
Job No.: 500-208568-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 76.5

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Lead	32.6		20		11.9	109	75-125		6010C

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: SS-031 MSD
Lab ID: 500-208568-6 MSD
Lab Name: Eurofins TestAmerica, Chicago
Job No.: 500-208568-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 76.5

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Lead	26.6		11.7	59	75-125	20	20	F1	6010C

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VD - IN

6-IN
DUPLICATES
METALS

Client ID: SS-031 DU | Lab ID: 500-208568-6 DU

Lab Name: Eurofins TestAmerica, Chicago | Job No.: 500-208568-1

SDG No.:

% Solids for Sample: 76.5 | % Solids for Duplicate: 76.5

Matrix: Solid | Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Lead	0.62	20		16.4		18		6010C

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 500-630666/2-A

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

Sample Matrix: Solid LCS Source: M21JSPKIC_00001

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Lead	10.0	9.36		94	80	120		6010C

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 500-631245/2-A

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

Sample Matrix: Solid LCS Source: M21JSPKIC_00001

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Lead	10.0	8.81		88	80	120		6010C

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 500-631622/2-A

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

Sample Matrix: Water LCS Source: M2KSPKMS_00001

Analyte	Water(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Lead	0.100	0.101		101	80	120		6010C

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 500-208568-6

SDG No:

Lab Name: Eurofins TestAmerica, Chicago Job No: 500-208568-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Lead	20		19.7		0.18		6010C

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208568-1

SDG Number:

Matrix: Solid Instrument ID: ICP6

Method: 6010C MDL Date: 03/29/2017 09:52

Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Lead		0.5	0.231

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208568-1

SDG Number:

Matrix: Solid Instrument ID: ICP6

Method: 6010C XMDL Date: 06/16/2010 15:46

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Lead		0.005	0.0025

9-IN
DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208568-1

SDG Number:

Matrix: Solid Instrument ID: ICP8

Method: 6010C MDL Date: 01/01/2017 10:21

Prep Method: 3010A

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Lead		0.05	0.0075

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TCLP

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208568-1

SDG Number:

Matrix: Solid Instrument ID: ICP8

Method: 6010C XMDL Date: 01/01/2017 10:22

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Lead		0.005	0.005

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208568-1

SDG No.:

ICP-AES Instrument ID: ICP6 Date: 10/13/2021

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Aluminum	308.215										0.000941				
Antimony	206.833		0.000029												
Arsenic	189.042		-0.000018												-0.000022
Barium	455.403										-0.000144				
Beryllium	234.861														
Bismuth	223.061														
Boron	208.959														
Cadmium	228.802			0.002171											0
Calcium	317.933														
Chromium	267.716														
Cobalt	228.616														
Copper	324.754														0.000021
Iron	271.441										-0.011085	0.050586			
Lead	220.353		-0.000047								0.000027				0.000069
Lithium	670.784														
Magnesium	279.079														
Manganese	257.610														
Molybdenum	202.030														-0.000034
Nickel	231.604		0.000008												0.000033
Potassium	766.490														
Selenium	196.090		-0.000002								0.000025				
Silicon	212.412														
Silver	328.068						0.000039				-0.010920				
Sodium	589.592														
Strontium	421.552		0.000013						0.000008		0.000284				
Thallium	190.856		0.000045								0.000540				-0.000071
Tin	189.989										0.000107				0.000022
Titanium	334.941	0.003434													
Vanadium	292.402														0.000035
Zinc	206.200														

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208568-1

SDG No.:

ICP-AES Instrument ID: ICP6 Date: 10/13/2021

Analyte	Wave Length	K	Li	Mg	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti
Aluminum	308.215					0.007252									
Antimony	206.833														
Arsenic	189.042											-0.000204			
Barium	455.403														
Beryllium	234.861														
Bismuth	223.061														
Boron	208.959														
Cadmium	228.802											0.000021			
Calcium	317.933														
Chromium	267.716														
Cobalt	228.616														0.002231
Copper	324.754														
Iron	271.441			0.000100					0						
Lead	220.353									-0.000357		0.000135			
Lithium	670.784														
Magnesium	279.079														
Manganese	257.610														
Molybdenum	202.030														
Nickel	231.604	0.000016													
Potassium	766.490														
Selenium	196.090														
Silicon	212.412					0.058805				0.009312			0.028864		0.016825
Silver	328.068				0.000212										
Sodium	589.592														
Strontium	421.552														
Thallium	190.856				0.000269										
Tin	189.989														
Titanium	334.941														
Vanadium	292.402														
Zinc	206.200														

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208568-1

SDG No.:

ICP-AES Instrument ID: ICP6 Date: 10/13/2021

Analyte	Wave Length	Tl	V	Zn											
Aluminum	308.215		0.067221												
Antimony	206.833														
Arsenic	189.042														
Barium	455.403														
Beryllium	234.861														
Bismuth	223.061														
Boron	208.959														
Cadmium	228.802														
Calcium	317.933														
Chromium	267.716														
Cobalt	228.616														
Copper	324.754														
Iron	271.441		0.003316												
Lead	220.353														
Lithium	670.784														
Magnesium	279.079														
Manganese	257.610														
Molybdenum	202.030														
Nickel	231.604														
Potassium	766.490														
Selenium	196.090														
Silicon	212.412														
Silver	328.068		0.000132												
Sodium	589.592														
Strontium	421.552														
Thallium	190.856		0.002191												
Tin	189.989														
Titanium	334.941														
Vanadium	292.402														
Zinc	206.200														

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208568-1

SDG No.:

ICP-AES Instrument ID: ICP8 Date: 11/11/2021

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Aluminum	308.215														
Antimony	206.833										-0.001195		0.010507		
Arsenic	189.042		-0.000006												
Barium	455.403														
Beryllium	234.861														0.000008
Bismuth	223.061														
Boron	208.959														
Cadmium	228.802			0.019555											0.000005
Calcium	317.933														
Chromium	267.716														
Cobalt	228.616					-0.000969									
Copper	324.754														
Iron	271.441											0.086504			
Lead	220.353		-0.000084						-0.000005		0.000528			0.000837	0.000034
Lithium	670.784								0.000026						
Magnesium	279.079														
Manganese	257.610														
Molybdenum	202.030														-0.000025
Nickel	231.604														0.000018
Potassium	766.490														
Selenium	196.090		-0.000023												
Silicon	212.412														
Silver	328.068										-0.000814				-0.000045
Sodium	589.592														
Strontium	421.552		0.000014						0.000008						
Thallium	190.856		-0.000030								0.000417	0.004229			-0.000040
Tin	189.989														
Titanium	334.941	0.008210													
Vanadium	292.402														0.000052
Zinc	206.200														

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208568-1

SDG No.:

ICP-AES Instrument ID: ICP8 Date: 11/11/2021

Analyte	Wave Length	K	Li	Mg	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti
Aluminum	308.215														
Antimony	206.833							-0.001181					-0.002275		
Arsenic	189.042														
Barium	455.403														
Beryllium	234.861														
Bismuth	223.061														
Boron	208.959					0.239191									
Cadmium	228.802														
Calcium	317.933														
Chromium	267.716														
Cobalt	228.616														0.002231
Copper	324.754														
Iron	271.441			0.000121											
Lead	220.353					0.000593						0.000236			
Lithium	670.784														
Magnesium	279.079														
Manganese	257.610														
Molybdenum	202.030														
Nickel	231.604														
Potassium	766.490														
Selenium	196.090											0.000102			
Silicon	212.412					0.025782				0.002323			0.042233		0.002720
Silver	328.068				0.000229										
Sodium	589.592														
Strontium	421.552														
Thallium	190.856				-0.003281										
Tin	189.989														
Titanium	334.941														
Vanadium	292.402														
Zinc	206.200														

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208568-1

SDG No.:

ICP-AES Instrument ID: ICP8 Date: 11/11/2021

Analyte	Wave Length	Tl	V	Zn											
Aluminum	308.215		0.065534												
Antimony	206.833														
Arsenic	189.042														
Barium	455.403														
Beryllium	234.861														
Bismuth	223.061														
Boron	208.959														
Cadmium	228.802														
Calcium	317.933														
Chromium	267.716														
Cobalt	228.616														
Copper	324.754														
Iron	271.441		0.019246												
Lead	220.353														
Lithium	670.784														
Magnesium	279.079														
Manganese	257.610														
Molybdenum	202.030														
Nickel	231.604														
Potassium	766.490														
Selenium	196.090														
Silicon	212.412														
Silver	328.068														
Sodium	589.592														
Strontium	421.552														
Thallium	190.856		0.03372												
Tin	189.989														
Titanium	334.941														
Vanadium	292.402														
Zinc	206.200														

X-IN

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No: 500-208568-1

SDG No.:

Instrument ID: ICP6 Date: 01/02/2019 11:08

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Lead		100	6010C

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No: 500-208568-1

SDG No.:

Instrument ID: ICP8 Date: 01/02/2019 11:10

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Lead		100	6010C

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 500-630666/1-A	11/26/2021 08:00	630666	1		100
LCS 500-630666/2-A	11/26/2021 08:00	630666	1		100
500-208568-1	11/26/2021 08:00	630666	1.0636		100
500-208568-2	11/26/2021 08:00	630666	1.0925		100
500-208568-3	11/26/2021 08:00	630666	1.0167		100
500-208568-4	11/26/2021 08:00	630666	1.0955		100
500-208568-5	11/26/2021 08:00	630666	1.0126		100

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 500-631245/1-A	11/29/2021 10:42	631245	1		100
LCS 500-631245/2-A	11/29/2021 10:42	631245	1		100
500-208568-6	11/29/2021 10:42	631245	1.0287		100
500-208568-6 DU	11/29/2021 10:42	631245	1.0497		100
500-208568-6 MS	11/29/2021 10:42	631245	1.1016		100
500-208568-6 MSD	11/29/2021 10:42	631245	1.1126		100
500-208568-7	11/29/2021 10:42	631245	1.1107		100
500-208568-9	11/29/2021 10:42	631245	1.0185		100
500-208568-10	11/29/2021 10:42	631245	1.0720		100
500-208568-11	11/29/2021 10:42	631245	1.0670		100
500-208568-12	11/29/2021 10:42	631245	1.1257		100
500-208568-13	11/29/2021 10:42	631245	1.1582		100
500-208568-14	11/29/2021 10:42	631245	1.0261		100

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
LB 500-631111/2-C	12/01/2021 09:05	631622		50	50
LCS 500-631622/2-A	12/01/2021 09:05	631622		50	50
500-208568-8	12/01/2021 09:05	631622		50	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Instrument ID: ICP6 Analysis Method: 6010C

Start Date: 11/26/2021 14:07 End Date: 11/26/2021 20:28

Lab Sample Id	D/F	Type	Time	Analytes																								
				Pb																								
ZZZZZZ			14:07																									
ZZZZZZ			14:10																									
ZZZZZZ			14:13																									
ZZZZZZ			14:17																									
ZZZZZZ			14:20																									
ZZZZZZ			14:23																									
ICV 500-631180/7	1		14:27	X																								
ICBIS 500-631180/8	1		14:30	X																								
ICVL 500-631180/9	1		14:33	X																								
CRI 500-631180/10	1		14:37	X																								
ICSA 500-631180/11	1		14:40	X																								
ICSAB 500-631180/12	1		14:43	X																								
CCV 500-631180/13			14:46																									
CCB 500-631180/14			14:50																									
ZZZZZZ			14:53																									
ZZZZZZ			14:56																									
LRC 500-631180/17			15:00																									
ZZZZZZ			15:04																									
ZZZZZZ			15:07																									
ZZZZZZ			15:10																									
CCV 500-631180/21			15:14																									
CCB 500-631180/22			15:17																									
ZZZZZZ			15:20																									
ZZZZZZ			15:23																									
ZZZZZZ			15:27																									
ZZZZZZ			15:30																									
ZZZZZZ			15:33																									
ZZZZZZ			15:36																									
ZZZZZZ			15:39																									
ZZZZZZ			15:43																									
ZZZZZZ			15:46																									
ZZZZZZ			15:49																									
CCV 500-631180/33	1		15:52	X																								
CCB 500-631180/34	1		15:55	X																								
ZZZZZZ			15:59																									
ZZZZZZ			16:02																									
ZZZZZZ			16:05																									
ZZZZZZ			16:08																									
ZZZZZZ			16:12																									
ZZZZZZ			16:15																									
ZZZZZZ			16:18																									
MB 500-630666/1-A	1	T	16:21	X																								

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Instrument ID: ICP6 Analysis Method: 6010C

Start Date: 11/26/2021 14:07 End Date: 11/26/2021 20:28

Lab Sample Id	D/F	Type	Time	Analytes																								
				Pb																								
LCS 500-630666/2-A	1	T	16:25	X																								
ZZZZZZ			16:28																									
CCV 500-631180/45	1		16:31	X																								
CCB 500-631180/46	1		16:34	X																								
ZZZZZZ			16:38																									
ZZZZZZ			16:41																									
ZZZZZZ			16:44																									
ZZZZZZ			16:48																									
ZZZZZZ			16:51																									
ZZZZZZ			16:54																									
ZZZZZZ			16:57																									
ZZZZZZ			17:01																									
ZZZZZZ			17:04																									
ZZZZZZ			17:07																									
CCV 500-631180/57	1		17:10	X																								
CCB 500-631180/58	1		17:14	X																								
ZZZZZZ			17:17																									
ZZZZZZ			17:20																									
ZZZZZZ			17:23																									
ZZZZZZ			17:27																									
ZZZZZZ			17:30																									
ZZZZZZ			17:33																									
ZZZZZZ			17:37																									
ZZZZZZ			17:40																									
500-208568-1	1	T	17:43	X																								
500-208568-2	1	T	17:46	X																								
CCV 500-631180/69	1		17:50	X																								
CCB 500-631180/70	1		17:53	X																								
500-208568-3	1	T	17:56	X																								
500-208568-4	1	T	17:59	X																								
500-208568-5	1	T	18:02	X																								
ZZZZZZ			18:06																									
ZZZZZZ			18:09																									
ZZZZZZ			18:13																									
ZZZZZZ			18:16																									
ZZZZZZ			18:19																									
ZZZZZZ			18:22																									
ZZZZZZ			18:26																									
CCV 500-631180/81	1		18:29	X																								
CCB 500-631180/82	1		18:32	X																								
CCVL 500-631180/83	1		18:35	X																								
ZZZZZZ			18:39																									

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Instrument ID: ICP6 Analysis Method: 6010C

Start Date: 11/26/2021 14:07 End Date: 11/26/2021 20:28

Lab Sample Id	D/F	Type	Time	Analytes																									
				Pb																									
ZZZZZZ			18:42																										
ZZZZZZ			18:46																										
ZZZZZZ			18:49																										
ZZZZZZ			18:52																										
ZZZZZZ			18:55																										
ZZZZZZ			18:59																										
ZZZZZZ			19:02																										
ZZZZZZ			19:05																										
ZZZZZZ			19:09																										
CCV 500-631180/94			19:12																										
CCB 500-631180/95			19:15																										
ZZZZZZ			19:18																										
ZZZZZZ			19:22																										
ZZZZZZ			19:25																										
ZZZZZZ			19:29																										
ZZZZZZ			19:32																										
ZZZZZZ			19:35																										
ZZZZZZ			19:38																										
ZZZZZZ			19:42																										
ZZZZZZ			19:45																										
ZZZZZZ			19:48																										
CCV 500-631180/106			19:51																										
CCB 500-631180/107			19:55																										
ZZZZZZ			19:58																										
ZZZZZZ			20:02																										
ZZZZZZ			20:05																										
ZZZZZZ			20:08																										
ZZZZZZ			20:11																										
ZZZZZZ			20:15																										
ZZZZZZ			20:18																										
ZZZZZZ			20:21																										
ZZZZZZ			20:24																										
ZZZZZZ			20:28																										

Prep Types:
T = Total/NA

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Instrument ID: ICP6 Analysis Method: 6010C

Start Date: 11/29/2021 17:48 End Date: 11/30/2021 00:18

Lab Sample Id	D/F	Type	Time	Analytes																								
				Pb																								
ZZZZZZ			17:48																									
ZZZZZZ			17:51																									
ZZZZZZ			17:55																									
ZZZZZZ			17:58																									
ZZZZZZ			18:01																									
ZZZZZZ			18:04																									
ICV 500-631344/7	1		18:08	X																								
ICBIS 500-631344/8	1		18:11	X																								
ICVL 500-631344/9	1		18:14	X																								
CRI 500-631344/10	1		18:17	X																								
ICSA 500-631344/11	1		18:21	X																								
ICSAB 500-631344/12	1		18:24	X																								
CCV 500-631344/13			18:27																									
CCB 500-631344/14			18:30																									
ZZZZZZ			18:34																									
ZZZZZZ			18:37																									
LRC 500-631344/17			18:41																									
ZZZZZZ			18:44																									
ZZZZZZ			18:47																									
ZZZZZZ			18:51																									
ZZZZZZ			18:54																									
ZZZZZZ			18:57																									
ZZZZZZ			19:01																									
ZZZZZZ			19:04																									
ZZZZZZ			19:07																									
ZZZZZZ			19:11																									
ZZZZZZ			19:14																									
CCV 500-631344/28			19:17																									
CCB 500-631344/29			19:20																									
ZZZZZZ			19:24																									
ZZZZZZ			19:27																									
ZZZZZZ			19:30																									
ZZZZZZ			19:34																									
ZZZZZZ			19:37																									
ZZZZZZ			19:40																									
ZZZZZZ			19:44																									
ZZZZZZ			19:47																									
ZZZZZZ			19:50																									
ZZZZZZ			19:53																									
CCV 500-631344/40			19:57																									
CCB 500-631344/41			20:00																									
ZZZZZZ			20:03																									

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Instrument ID: ICP6 Analysis Method: 6010C

Start Date: 11/29/2021 17:48 End Date: 11/30/2021 00:18

Lab Sample Id	D/F	Type	Time	Analytes
				Pb
ZZZZZZ			20:07	
ZZZZZZ			20:10	
ZZZZZZ			20:13	
ZZZZZZ			20:17	
ZZZZZZ			20:20	
ZZZZZZ			20:24	
ZZZZZZ			20:27	
ZZZZZZ			20:30	
ZZZZZZ			20:33	
CCV 500-631344/52			20:37	
CCB 500-631344/53			20:40	
ZZZZZZ			20:43	
ZZZZZZ			20:46	
ZZZZZZ			20:50	
ZZZZZZ			20:53	
ZZZZZZ			20:56	
ZZZZZZ			20:59	
ZZZZZZ			21:02	
ZZZZZZ			21:06	
ZZZZZZ			21:09	
ZZZZZZ			21:12	
CCV 500-631344/64			21:15	
CCB 500-631344/65			21:18	
ZZZZZZ			21:22	
ZZZZZZ			21:25	
ZZZZZZ			21:28	
ZZZZZZ			21:31	
ZZZZZZ			21:35	
ZZZZZZ			21:38	
ZZZZZZ			21:41	
ZZZZZZ			21:44	
ZZZZZZ			21:47	
ZZZZZZ			21:51	
CCV 500-631344/76	1		21:54	X
CCB 500-631344/77	1		21:57	X
MB 500-631245/1-A	1	T	22:00	X
LCS 500-631245/2-A	1	T	22:04	X
500-208568-6	1	T	22:07	X
500-208568-6 SD	5	T	22:10	X
500-208568-6 DU	1	T	22:14	X
500-208568-6 MS	1	T	22:17	X
500-208568-6 MSD	1	T	22:20	X

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13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Instrument ID: ICP6 Analysis Method: 6010C

Start Date: 11/29/2021 17:48 End Date: 11/30/2021 00:18

Lab Sample Id	D/F	Type	Time	Analytes																								
				Pb																								
500-208568-7	1	T	22:23	X																								
500-208568-9	1	T	22:26	X																								
500-208568-10	1	T	22:30	X																								
CCV 500-631344/88	1		22:33	X																								
CCB 500-631344/89	1		22:36	X																								
ZZZZZZ			22:39																									
500-208568-11	1	T	22:43	X																								
500-208568-12	1	T	22:46	X																								
500-208568-13	1	T	22:49	X																								
500-208568-14	1	T	22:52	X																								
ZZZZZZ			22:56																									
ZZZZZZ			22:59																									
ZZZZZZ			23:02																									
ZZZZZZ			23:05																									
ZZZZZZ			23:08																									
ZZZZZZ			23:12																									
CCV 500-631344/101	1		23:15	X																								
CCB 500-631344/102	1		23:18	X																								
ZZZZZZ			23:21																									
ZZZZZZ			23:25																									
ZZZZZZ			23:28																									
ZZZZZZ			23:31																									
ZZZZZZ			23:34																									
ZZZZZZ			23:38																									
CCV 500-631344/109			23:41																									
CCB 500-631344/110			23:44																									
CCVL 500-631344/111	1		23:48	X																								
ZZZZZZ			23:51																									
ZZZZZZ			23:55																									
ZZZZZZ			23:58																									
ZZZZZZ			00:01																									
ZZZZZZ			00:05																									
ZZZZZZ			00:08																									
ZZZZZZ			00:12																									
ZZZZZZ			00:15																									
ZZZZZZ			00:18																									

Prep Types:
T = Total/NA

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Instrument ID: ICP8 Analysis Method: 6010C

Start Date: 12/03/2021 15:33 End Date: 12/03/2021 21:40

Lab Sample Id	D/F	Type	Time	Analytes
				Pb
ZZZZZZ			15:33	
ZZZZZZ			15:36	
ZZZZZZ			15:39	
ZZZZZZ			15:42	
ZZZZZZ			15:46	
ZZZZZZ			15:49	
ICV 500-632152/7	1		15:52	X
ICBIS 500-632152/8	1		15:55	X
ICVL 500-632152/9	1		15:58	X
CRI 500-632152/10	1		16:02	X
ICSA 500-632152/11	1		16:05	X
ICSAB 500-632152/12	1		16:08	X
CCV 500-632152/13			16:11	
CCB 500-632152/14			16:14	
ZZZZZZ			16:18	
LRC 500-632152/16			16:21	
ZZZZZZ			16:24	
ZZZZZZ			16:28	
ZZZZZZ			16:32	
ZZZZZZ			16:35	
ZZZZZZ			16:38	
ZZZZZZ			16:41	
ZZZZZZ			16:45	
ZZZZZZ			16:48	
ZZZZZZ			16:51	
ZZZZZZ			16:55	
ZZZZZZ			16:58	
CCV 500-632152/28			17:01	
CCB 500-632152/29			17:04	
ZZZZZZ			17:08	
ZZZZZZ			17:11	
ZZZZZZ			17:14	
ZZZZZZ			17:18	
ZZZZZZ			17:21	
ZZZZZZ			17:24	
ZZZZZZ			17:27	
ZZZZZZ			17:31	
ZZZZZZ			17:34	
ZZZZZZ			17:37	
CCV 500-632152/40	1		17:41	X
CCB 500-632152/41	1		17:44	X
ZZZZZZ			17:47	

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13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Instrument ID: ICP8 Analysis Method: 6010C

Start Date: 12/03/2021 15:33 End Date: 12/03/2021 21:40

Lab Sample Id	D/F	Type	Time	Analytes																								
				Pb																								
ZZZZZZ			17:50																									
ZZZZZZ			17:54																									
ZZZZZZ			17:57																									
ZZZZZZ			18:01																									
ZZZZZZ			18:04																									
LB 500-631111/2-C	1	P	18:07	X																								
ZZZZZZ			18:11																									
ZZZZZZ			18:14																									
ZZZZZZ			18:17																									
CCV 500-632152/52	1		18:21	X																								
CCB 500-632152/53	1		18:24	X																								
ZZZZZZ			18:27																									
ZZZZZZ			18:31																									
ZZZZZZ			18:34																									
ZZZZZZ			18:37																									
ZZZZZZ			18:40																									
ZZZZZZ			18:44																									
ZZZZZZ			18:47																									
ZZZZZZ			18:50																									
ZZZZZZ			18:53																									
ZZZZZZ			18:56																									
CCV 500-632152/64			19:00																									
CCB 500-632152/65			19:03																									
ZZZZZZ			19:06																									
ZZZZZZ			19:09																									
ZZZZZZ			19:12																									
ZZZZZZ			19:16																									
ZZZZZZ			19:19																									
ZZZZZZ			19:22																									
ZZZZZZ			19:25																									
ZZZZZZ			19:29																									
ZZZZZZ			19:32																									
ZZZZZZ			19:35																									
CCV 500-632152/76	1		19:38	X																								
CCB 500-632152/77	1		19:42	X																								
ZZZZZZ			19:45																									
ZZZZZZ			19:48																									
ZZZZZZ			19:52																									
LCS 500-631622/2-A	1	T	19:55	X																								
ZZZZZZ			19:58																									
ZZZZZZ			20:01																									
ZZZZZZ			20:05																									

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Instrument ID: ICP8 Analysis Method: 6010C

Start Date: 12/03/2021 15:33 End Date: 12/03/2021 21:40

Lab Sample Id	D/F	Type	Time	Analytes																								
				Pb																								
ZZZZZZ			20:08																									
ZZZZZZ			20:11																									
ZZZZZZ			20:14																									
CCV 500-632152/88	1		20:18	X																								
CCB 500-632152/89	1		20:21	X																								
ZZZZZZ			20:24																									
ZZZZZZ			20:28																									
ZZZZZZ			20:31																									
ZZZZZZ			20:34																									
ZZZZZZ			20:38																									
ZZZZZZ			20:41																									
ZZZZZZ			20:44																									
ZZZZZZ			20:48																									
500-208568-8	1	P	20:51	X																								
ZZZZZZ			20:54																									
ZZZZZZ			20:58																									
CCV 500-632152/101	1		21:01	X																								
CCB 500-632152/102	1		21:04	X																								
ZZZZZZ			21:08																									
ZZZZZZ			21:11																									
ZZZZZZ			21:14																									
ZZZZZZ			21:18																									
ZZZZZZ			21:21																									
ZZZZZZ			21:24																									
ZZZZZZ			21:28																									
ZZZZZZ			21:31																									
CCV 500-632152/111			21:34																									
CCB 500-632152/112			21:37																									
CCVL 500-632152/113	1		21:40	X																								

Prep Types:
P = TCLP
T = Total/NA

FORM XIII-IN

15-IN
ICP INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.: Analysis Batch No.: 631180

ICP Instrument ID: ICP6 Start Date: 11/26/2021 End Date: 11/26/2021

Lab Sample ID	Time	Internal Standards %RI For:									
		Element In 230.606	Q	Element Y 224.306	Q	Element Y 360.073	Q	Element Y 371.030	Q	Element	Q
ICV 500-631180/7	14:27										
ICBIS 500-631180/8	14:30										
ICVL 500-631180/9	14:33	100		101		100		100			
CRI 500-631180/10	14:37	100		102		100		100			
ICSA 500-631180/11	14:40	69		86		85		89			
ICSAB 500-631180/12	14:43	69		85		85		87			
CCV 500-631180/33	15:52	88		99		96		97			
CCB 500-631180/34	15:55	100		101		100		101			
MB 500-630666/1-A	16:21	96		96		99		94			
LCS 500-630666/2-A	16:25	90		93		95		93			
CCV 500-631180/45	16:31	89		100		97		99			
CCB 500-631180/46	16:34	101		102		101		102			
CCV 500-631180/57	17:10	89		100		96		100			
CCB 500-631180/58	17:14	101		102		101		101			
500-208568-1	17:43	85		103		104		104			
500-208568-2	17:46	85		103		104		103			
CCV 500-631180/69	17:50	88		98		96		100			
CCB 500-631180/70	17:53	101		103		101		101			
500-208568-3	17:56	82		97		99		97			
500-208568-4	17:59	82		103		105		105			
500-208568-5	18:02	85		100		102		101			
CCV 500-631180/81	18:29	86		96		93		97			
CCB 500-631180/82	18:32	100		101		100		101			
CCVL 500-631180/83	18:35	99		100		99		100			

15A-IN
ICP INTERNAL STANDARDS RELATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.: Analysis Batch No.: 631180

ICP Instrument ID: ICP6 Start Date: 11/26/2021 End Date: 11/26/2021

Analyte	Wavelength	Internal Standard Used:				
		Element In 230.606	Element Y 224.306	Element Y 360.073	Element Y 371.030	Element
Lead	220.353	X				
Aluminum	308.215				X	
Antimony	206.833		X			
Arsenic	189.042		X			
Barium	455.403				X	
Beryllium	234.861				X	
Bismuth	223.061	X				
Boron	208.959		X			
Cadmium	228.802		X			
Calcium	317.933				X	
Chromium	267.716			X		
Cobalt	228.616	X				
Copper	324.754			X		
Iron	271.441				X	
Lithium	670.784				X	
Magnesium	279.079				X	
Manganese	257.610				X	
Molybdenum	202.030		X			
Nickel	231.604	X				
Potassium	766.490				X	
Selenium	196.090		X			
Silicon	212.412		X			
Silver	328.068			X		
Sodium	589.592				X	
Strontium	421.552			X		
Thallium	190.856	X				
Tin	189.989	X				
Titanium	334.941			X		
Vanadium	292.402			X		
Zinc	206.200	X				
Internal Standard Name on Instrument		In2306	Y_2243	Y_3600	Y_3710	

15-IN
ICP INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.: Analysis Batch No.: 631344

ICP Instrument ID: ICP6 Start Date: 11/29/2021 End Date: 11/29/2021

Lab Sample ID	Time	Internal Standards %RI For:									
		Element In 230.606	Q	Element Y 224.306	Q	Element Y 360.073	Q	Element Y 371.030	Q	Element	Q
ICV 500-631344/7	18:08										
ICBIS 500-631344/8	18:11										
ICVL 500-631344/9	18:14	99		100		100		99			
CRI 500-631344/10	18:17	99		100		100		99			
ICSA 500-631344/11	18:21	67		85		85		95			
ICSAB 500-631344/12	18:24	67		85		85		96			
CCV 500-631344/76	21:54	83		92		94		105			
CCB 500-631344/77	21:57	99		96		98		98			
MB 500-631245/1-A	22:00	94		93		97		82			
LCS 500-631245/2-A	22:04	88		92		96		90			
500-208568-6	22:07	73		90		93		97			
500-208568-6 SD	22:10	86		93		95		99			
500-208568-6 DU	22:14	69		86		89		99			
500-208568-6 MS	22:17	71		90		92		94			
500-208568-6 MSD	22:20	69		88		91		96			
500-208568-7	22:23	78		89		93		97			
500-208568-9	22:26	83		98		100		97			
500-208568-10	22:30	83		99		101		94			
CCV 500-631344/88	22:33	83		92		94		105			
CCB 500-631344/89	22:36	98		96		99		99			
500-208568-11	22:43	83		92		96		88			
500-208568-12	22:46	68		88		91		96			
500-208568-13	22:49	81		95		98		98			
500-208568-14	22:52	76		94		96		95			
CCV 500-631344/101	23:15	82		91		93		105			
CCB 500-631344/102	23:18	98		96		98		98			
CCVL 500-631344/111	23:48	96		94		98		98			

15A-IN
ICP INTERNAL STANDARDS RELATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.: Analysis Batch No.: 631344

ICP Instrument ID: ICP6 Start Date: 11/29/2021 End Date: 11/29/2021

Analyte	Wavelength	Internal Standard Used:				
		Element In 230.606	Element Y 224.306	Element Y 360.073	Element Y 371.030	Element
Lead	220.353	X				
Aluminum	308.215				X	
Antimony	206.833		X			
Arsenic	189.042		X			
Beryllium	234.861				X	
Bismuth	223.061	X				
Boron	208.959		X			
Cadmium	228.802		X			
Calcium	317.933				X	
Chromium	267.716			X		
Cobalt	228.616	X				
Copper	324.754			X		
Iron	271.441				X	
Lithium	670.784				X	
Magnesium	279.079				X	
Manganese	257.610				X	
Molybdenum	202.030		X			
Nickel	231.604	X				
Potassium	766.490				X	
Selenium	196.090		X			
Silicon	212.412		X			
Silver	328.068			X		
Sodium	589.592				X	
Strontium	421.552			X		
Thallium	190.856	X				
Tin	189.989	X				
Titanium	334.941			X		
Vanadium	292.402			X		
Zinc	206.200	X				
Internal Standard Name on Instrument		In2306	Y_2243	Y_3600	Y_3710	

15-IN
ICP INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.: Analysis Batch No.: 632152

ICP Instrument ID: ICP8 Start Date: 12/03/2021 End Date: 12/03/2021

Lab Sample ID	Time	Internal Standards %RI For:									
		Element In 230.606	Q	Element Y 224.306	Q	Element Y 360.073	Q	Element Y 371.030	Q	Element	Q
ICV 500-632152/7	15:52										
ICBIS 500-632152/8	15:55										
ICVL 500-632152/9	15:58	99		100		100		101			
CRI 500-632152/10	16:02	99		100		100		101			
ICSA 500-632152/11	16:05	70		87		84		95			
ICSAB 500-632152/12	16:08	70		87		85		94			
CCV 500-632152/40	17:41	88		99		96		92			
CCB 500-632152/41	17:44	101		101		100		92			
LB 500-631111/2-C	18:07	74		88		85		88			
CCV 500-632152/52	18:21	86		98		96		90			
CCB 500-632152/53	18:24	100		101		100		89			
CCV 500-632152/76	19:38	85		98		100		88			
CCB 500-632152/77	19:42	100		101		101		89			
LCS 500-631622/2-A	19:55	71		88		84		86			
CCV 500-632152/88	20:18	86		98		96		89			
CCB 500-632152/89	20:21	101		101		101		89			
500-208568-8	20:51	73		87		85		87			
CCV 500-632152/101	21:01	85		98		96		88			
CCB 500-632152/102	21:04	100		101		100		88			
CCVL 500-632152/113	21:40	100		102		101		90			

15A-IN
ICP INTERNAL STANDARDS RELATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.: Analysis Batch No.: 632152

ICP Instrument ID: ICP8 Start Date: 12/03/2021 End Date: 12/03/2021

Analyte	Wavelength	Internal Standard Used:				
		Element In 230.606	Element Y 224.306	Element Y 360.073	Element Y 371.030	Element
Lead	220.353	X				
Aluminum	308.215				X	
Antimony	206.833		X			
Arsenic	189.042		X			
Barium	455.403				X	
Beryllium	234.861				X	
Bismuth	223.061	X				
Boron	208.959		X			
Cadmium	228.802		X			
Calcium	317.933				X	
Chromium	267.716			X		
Cobalt	228.616	X				
Copper	324.754			X		
Iron	271.441				X	
Lithium	670.784				X	
Magnesium	279.079				X	
Manganese	257.610				X	
Molybdenum	202.030		X			
Nickel	231.604	X				
Potassium	766.490				X	
Selenium	196.090		X			
Silicon	212.412		X			
Silver	328.068			X		
Sodium	589.592				X	
Strontium	421.552			X		
Thallium	190.856	X				
Tin	189.989	X				
Titanium	334.941			X		
Vanadium	292.402			X		
Zinc	206.200	X				
Internal Standard Name on Instrument		In2306	Y_2243	Y_3600	Y_3710	

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Batch Number: 630666 Batch Start Date: 11/26/21 08:00 Batch Analyst: Estes, William R

Batch Method: 3050B Batch End Date: 11/26/21 08:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	M21JSPKIC 00001			
MB 500-630666/1		3050B, 6010C		1 g	100 mL				
LCS 500-630666/2		3050B, 6010C		1 g	100 mL	1 mL			
500-208568-A-1	SS-027	3050B, 6010C	T	1.0636 g	100 mL				
500-208568-A-2	DUP-03	3050B, 6010C	T	1.0925 g	100 mL				
500-208568-A-3	SS-028	3050B, 6010C	T	1.0167 g	100 mL				
500-208568-A-4	SS-029	3050B, 6010C	T	1.0955 g	100 mL				
500-208568-A-5	SS-030	3050B, 6010C	T	1.0126 g	100 mL				

Batch Notes	
Balance ID	C-1952
Digestion Tube/Cup ID	2106023
Hydrochloric Acid ID	285454
Nitric Acid ID	1121051
Hydrogen Peroxide ID	288749
Digestion Unit ID	2403
Thermometer ID	3328
Filter ID	17413121
Temperature - Uncorrected - Start	91 Degrees C
Temperature - Corrected - Start	91 Degrees C
Temperature - Uncorrected - End	91 Degrees C
Temperature - Corrected - End	91 Degrees C
Digestion Start Time	11/26/2021 08:00
Digestion End Time	11/26/2021 08:30
Batch Comment	SnapCaps: 22721008

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Batch Number: 631245 Batch Start Date: 11/29/21 10:42 Batch Analyst: Edwards, Benjamin D

Batch Method: 3050B Batch End Date: 11/29/21 11:12

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	M21JSPKIC 00001			
MB 500-631245/1		3050B, 6010C		1 g	100 mL				
LCS 500-631245/2		3050B, 6010C		1 g	100 mL	1 mL			
500-208568-A-6	SS-031	3050B, 6010C	T	1.0287 g	100 mL				
500-208568-A-6 DU	SS-031	3050B, 6010C	T	1.0497 g	100 mL				
500-208568-A-6 MS	SS-031	3050B, 6010C	T	1.1016 g	100 mL	1 mL			
500-208568-A-6 MSD	SS-031	3050B, 6010C	T	1.1126 g	100 mL	1 mL			
500-208568-A-7	SS-032	3050B, 6010C	T	1.1107 g	100 mL				
500-208568-A-9	SS-033	3050B, 6010C	T	1.0185 g	100 mL				
500-208568-A-10	SS-034	3050B, 6010C	T	1.0720 g	100 mL				
500-208568-A-11	SS-035	3050B, 6010C	T	1.0670 g	100 mL				
500-208568-A-12	SS-036	3050B, 6010C	T	1.1257 g	100 mL				
500-208568-A-13	SS-037	3050B, 6010C	T	1.1582 g	100 mL				
500-208568-A-14	SS-038	3050B, 6010C	T	1.0261 g	100 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Batch Number: 631245 Batch Start Date: 11/29/21 10:42 Batch Analyst: Edwards, Benjamin D

Batch Method: 3050B Batch End Date: 11/29/21 11:12

Batch Notes	
Balance ID	C-1952
Digestion Tube/Cup ID	2106023
Hydrochloric Acid ID	285454
Nitric Acid ID	1121070
Hydrogen Peroxide ID	288749
Digestion Unit ID	1739
Thermometer ID	5833
Filter ID	17413121
Temperature - Uncorrected - Start	93 Degrees C
Temperature - Corrected - Start	93 Degrees C
Temperature - Uncorrected - End	93 Degrees C
Temperature - Corrected - End	93 Degrees C
Digestion Start Time	11/29/2021 10:42
Digestion End Time	11/29/2021 11:12
Batch Comment	SnapCaps: 22721008

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Batch Number: 631622 Batch Start Date: 12/01/21 09:05 Batch Analyst: Edwards, Benjamin D

Batch Method: 3010A Batch End Date: 12/01/21 09:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	M2KSPKMS 00001			
LB 500-631111/2-A		3010A, 6010C		50 mL	50 mL				
LCS 500-631622/2		3010A, 6010C		50 mL	50 mL	0.5 mL			
500-208568-A-8-A	LS-02	3010A, 6010C	P	50 mL	50 mL				

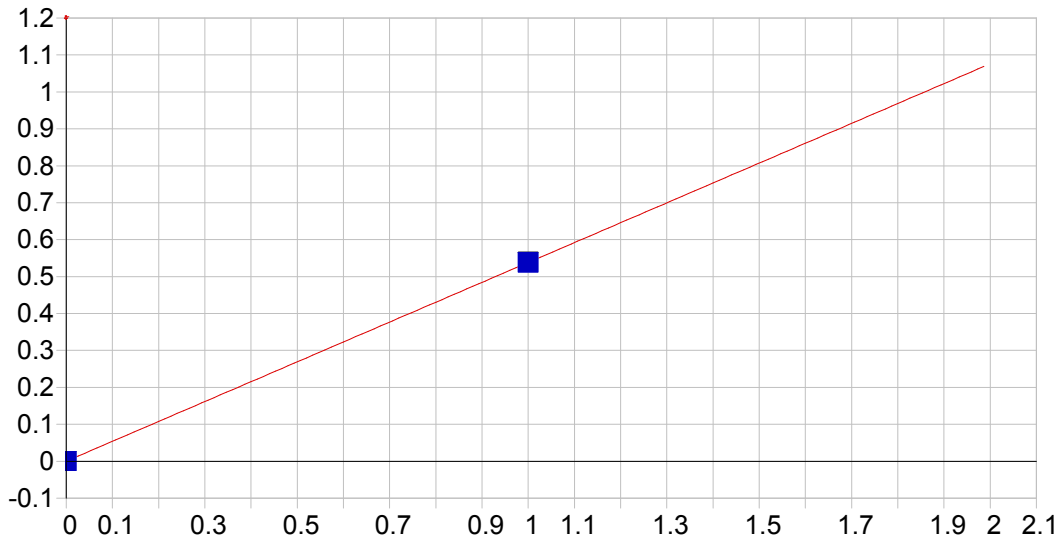
Batch Notes	
Digestion Tube/Cup ID	2106023
Pipette/Syringe/Dispenser ID	2850
Hydrochloric Acid ID	213900
Nitric Acid ID	1121070
Digestion Unit ID	1565
Thermometer ID	3328
Temperature - Uncorrected - Start	97 Degrees C
Temperature - Corrected - Start	97 Degrees C
Digestion Start Time	12/01/2021 09:05
Digestion End Time	12/01/2021 09:35
Temperature - Uncorrected - End	97 Degrees C
Temperature - Corrected - End	97 Degrees C
Batch Comment	Filters: 10625755, T-346

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	CorrFact	Check	Check Table	Fail Action
1	---	---	---	---	Cal	---	---	---	---	---	None
2	110	2	2	5	QC	S1	P6112621B	1	☒	S1	None
3	111	2	3	5	QC	S2		1	☒	S2	None
4	112	2	4	5	QC	ICV		1	☒	ICV	None
5	113	2	5	5	QC	ICB		1	☒	ICB	None
6	114	2	6	5	QC	ICVL		1	☒	CCVLL	None
7	115	2	7	5	QC	CRI		1	☒	CRI	None
8	116	2	8	5	QC	ICSA		1	☒	ICSA	None
9	117	2	9	5	QC	ICSAB		1	☒	ICSAB	None
10	118	2	10	5	QC	CCV		1	☒	CCV	None
11	119	2	11	5	QC	CCB		1	☒	CCB	None
12	120	2	12	5	QC	MRL		1	☒	CCVLL	None
13	69	2	9	1	QC	MRL		1	☒	CCVLL	None
14	72	2	12	1	QC	LRC		1	☒	LRC	None
15	121	3	1	1	Unk	500-208204-h-1-c@5		1	☒	RLTABLE	---
16	122	3	2	1	Unk	500-208204-h-1-c@10		1	☒	RLTABLE	---
17	123	3	3	1	Unk	500-208462-b-6-c@5		1	☒	RLTABLE	---
18	131	3	11	1	QC	CCV		1	☒	CCV	None
19	132	3	12	1	QC	CCB		1	☒	CCB	None
20	133	3	1	2	Unk	mb 500-630663/1-a		1	☒	RLTABLE	---
21	134	3	2	2	Unk	lcs 500-630663/2-a		1	☒	RLTABLE	---
22	135	3	3	2	Unk	500-208503-f-1-h		1	☒	RLTABLE	---
23	136	3	4	2	Unk	500-208503-f-2-l@5		1	☒	RLTABLE	---
24	137	3	5	2	Unk	500-208503-f-3-h@5		1	☒	RLTABLE	---
25	138	3	6	2	Unk	500-208503-f-4-h		1	☒	RLTABLE	---
26	139	3	7	2	Unk	500-208503-f-4-h@5		1	☒	RLTABLE	---
27	140	3	8	2	Unk	500-208503-f-5-j@5		1	☒	RLTABLE	---
28	141	3	9	2	Unk	500-208503-f-6-h		1	☒	RLTABLE	---
29	142	3	10	2	Unk	500-208503-f-6-h@5		1	☒	RLTABLE	---
30	143	3	11	2	QC	CCV		1	☒	CCV	None
31	144	3	12	2	QC	CCB		1	☒	CCB	None
32	145	3	1	3	Unk	500-208503-f-7-h		1	☒	RLTABLE	---
33	146	3	2	3	Unk	500-208503-f-7-h@5		1	☒	RLTABLE	---
34	147	3	3	3	Unk	500-208564-f-1-h@5		1	☒	RLTABLE	---
35	148	3	4	3	Unk	500-208564-f-2-f@5		1	☒	RLTABLE	---
36	149	3	5	3	Unk	500-208564-f-3-f@5		1	☒	RLTABLE	---
37	150	3	6	3	Unk	500-208564-f-4-f@5		1	☒	RLTABLE	---
38	151	3	7	3	Unk	500-208564-f-5-f@5		1	☒	RLTABLE	---
39	152	3	8	3	Unk	mb 500-630666/1-a		1	☒	RLTABLE	---
40	153	3	9	3	Unk	lcs 500-630666/2-a		1	☒	RLTABLE	---
41	154	3	10	3	Unk	500-208567-f-6-f		1	☒	RLTABLE	---
42	155	3	11	3	QC	CCV		1	☒	CCV	None
43	156	3	12	3	QC	CCB		1	☒	CCB	None
44	157	3	1	4	Unk	500-208567-f-6-fSD@5		1	☒	RLTABLE	---
45	158	3	2	4	Unk	500-208567-f-6-g du		1	☒	RLTABLE	---
46	159	3	3	4	Unk	500-208567-f-6-h ms		1	☒	RLTABLE	---
47	160	3	4	4	Unk	500-208567-f-6-i msd		1	☒	RLTABLE	---
48	161	3	5	4	Unk	500-208567-f-7-f		1	☒	RLTABLE	---
49	162	3	6	4	Unk	500-208567-f-8-f		1	☒	RLTABLE	---
50	163	3	7	4	Unk	500-208567-f-9-f		1	☒	RLTABLE	---
51	164	3	8	4	Unk	500-208567-f-10-f		1	☒	RLTABLE	---
52	165	3	9	4	Unk	500-208567-f-11-f		1	☒	RLTABLE	---
53	166	3	10	4	Unk	500-208567-f-12-f		1	☒	RLTABLE	---
54	167	3	11	4	QC	CCV		1	☒	CCV	None
55	168	3	12	4	QC	CCB		1	☒	CCB	None
56	169	3	1	5	Unk	500-208567-f-13-f		1	☒	RLTABLE	---
57	170	3	2	5	Unk	500-208567-f-14-f		1	☒	RLTABLE	---
58	171	3	3	5	Unk	500-208567-f-15-f		1	☒	RLTABLE	---
59	172	3	4	5	Unk	500-208567-f-16-f		1	☒	RLTABLE	---
60	173	3	5	5	Unk	500-208567-f-17-f		1	☒	RLTABLE	---
61	174	3	6	5	Unk	500-208567-f-18-f		1	☒	RLTABLE	---
62	175	3	7	5	Unk	500-208567-f-19-f		1	☒	RLTABLE	---
63	176	3	8	5	Unk	500-208567-f-20-j		1	☒	RLTABLE	---

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	CorrFact	Check	Check Table	Fail Action
64	177	3	9	5	Unk	500-208568-a-1-a		1	☒	RLTABLE	---
65	178	3	10	5	Unk	500-208568-a-2-a		1	☒	RLTABLE	---
66	179	3	11	5	QC	CCV		1	☒	CCV	None
67	180	3	12	5	QC	CCB		1	☒	CCB	None
68	181	4	1	1	Unk	500-208568-a-3-a		1	☒	RLTABLE	---
69	182	4	2	1	Unk	500-208568-a-4-a		1	☒	RLTABLE	---
70	183	4	3	1	Unk	500-208568-a-5-a		1	☒	RLTABLE	---
71	184	4	4	1	Unk	mb 500-630664/1-a		1	☒	RLTABLE	---
72	185	4	5	1	Unk	lcs 500-630664/2-a		1	☒	RLTABLE	---
73	186	4	6	1	Unk	500-208564-f-6-h		1	☒	RLTABLE	---
74	187	4	7	1	Unk	500-208564-f-6-hSD@5		1	☒	RLTABLE	---
75	188	4	8	1	Unk	500-208564-f-6-i du		1	☒	RLTABLE	---
76	189	4	9	1	Unk	500-208564-f-6-j ms		1	☒	RLTABLE	---
77	190	4	10	1	Unk	500-208564-f-6-k msd		1	☒	RLTABLE	---
78	191	4	11	1	QC	CCV		1	☒	CCV	None
79	192	4	12	1	QC	CCB		1	☒	CCB	None
80	73	2	1	2	QC	CCVL		1	☒	CCVLL	None
81	193	4	1	2	Unk	500-208564-f-7-f		1	☒	RLTABLE	---
82	194	4	2	2	Unk	500-208564-f-8-f		1	☒	RLTABLE	---
83	195	4	3	2	Unk	500-208564-f-9-f		1	☒	RLTABLE	---
84	196	4	4	2	Unk	500-208564-f-10-h		1	☒	RLTABLE	---
85	197	4	5	2	Unk	500-208564-f-11-f		1	☒	RLTABLE	---
86	198	4	6	2	Unk	500-208564-f-12-f		1	☒	RLTABLE	---
87	199	4	7	2	Unk	500-208564-f-13-f		1	☒	RLTABLE	---
88	200	4	8	2	Unk	500-208564-f-14-f		1	☒	RLTABLE	---
89	201	4	9	2	Unk	500-208564-f-15-f		1	☒	RLTABLE	---
90	202	4	10	2	Unk	500-208564-f-16-f		1	☒	RLTABLE	---
91	203	4	11	2	QC	CCV		1	☒	CCV	None
92	204	4	12	2	QC	CCB		1	☒	CCB	None
93	74	2	2	2	QC	CCVL		1	☒	CCVLL	None
94	205	4	1	3	Unk	500-208564-f-17-f		1	☒	RLTABLE	---
95	206	4	2	3	Unk	500-208564-f-18-f		1	☒	RLTABLE	---
96	207	4	3	3	Unk	500-208564-f-19-f		1	☒	RLTABLE	---
97	208	4	4	3	Unk	500-208564-f-20-f		1	☒	RLTABLE	---
98	209	4	5	3	Unk	500-208567-f-1-h		1	☒	RLTABLE	---
99	210	4	6	3	Unk	500-208567-f-2-f		1	☒	RLTABLE	---
100	211	4	7	3	Unk	500-208567-f-3-f		1	☒	RLTABLE	---
101	212	4	8	3	Unk	500-208567-f-4-f		1	☒	RLTABLE	---
102	213	4	9	3	Unk	500-208567-f-5-f		1	☒	RLTABLE	---
103	215	4	11	3	QC	CCV		1	☒	CCV	None
104	216	4	12	3	QC	CCB		1	☒	CCB	None
105	217	4	1	4	QC	CCVL		1	☒	CCVLL	None
106	75	2	3	2	Unk	Si		1	☒	RLTABLE	---
107	76	2	4	2	Unk	Al		1	☒	RLTABLE	---
108	77	2	5	2	Unk	Fe		1	☒	RLTABLE	---
109	78	2	6	2	Unk	As		1	☒	RLTABLE	---
110	79	2	7	2	Unk	Va		1	☒	RLTABLE	---
111	80	2	8	2	Unk	Co		1	☒	RLTABLE	---
112	81	2	9	2	Unk	Ti		1	☒	RLTABLE	---
113	82	2	10	2	Unk	Mn		1	☒	RLTABLE	---
114	83	2	11	2	Unk	Ce		1	☒	RLTABLE	---

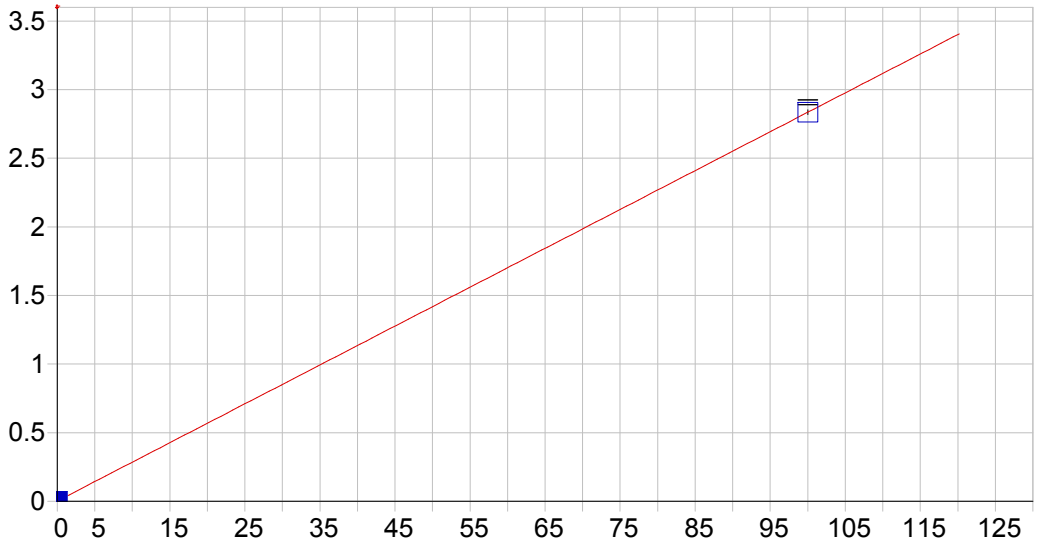


Ag 328.068 {103}

Date of Fit:	11/26/2021 14:13:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000184	Re-Slope:	1.000000
A1 (Gain):	0.538003	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001004		
Predicted MQL:	0.003347		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00018	.000	1
S1	1.0000	1.0000	.000	.000	.53839	.001	1



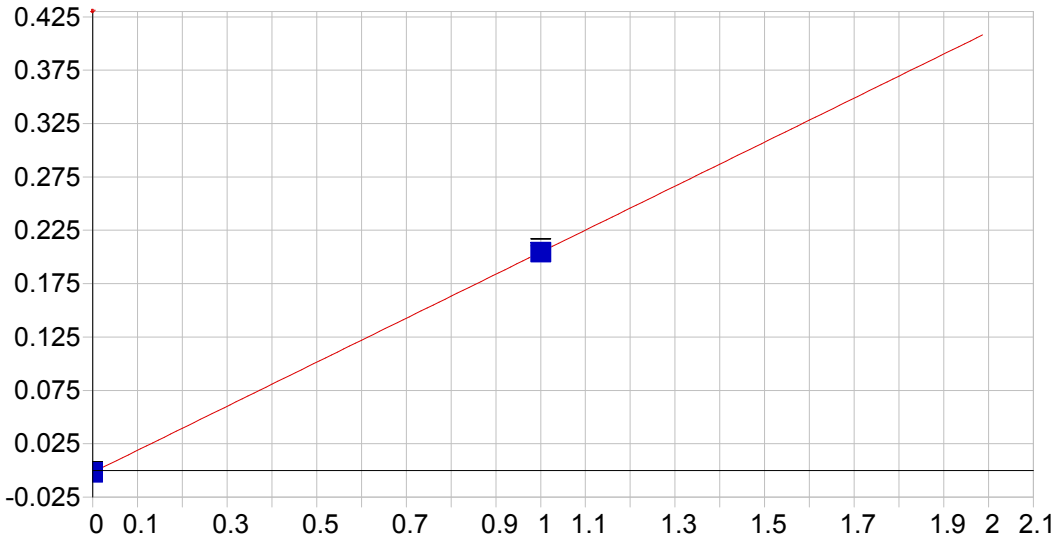
Al 308.215 {109}

Date of Fit:	11/26/2021 14:17:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001936	Re-Slope:	1.000000
A1 (Gain):	0.028333	Y-int:	0.000000
A2 (Curvature):	0.000000		

n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.013024		
Predicted MQL:	0.043413		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00194	.000	1
S2	100.00	100.00	.000	.000	2.8352	.018	1

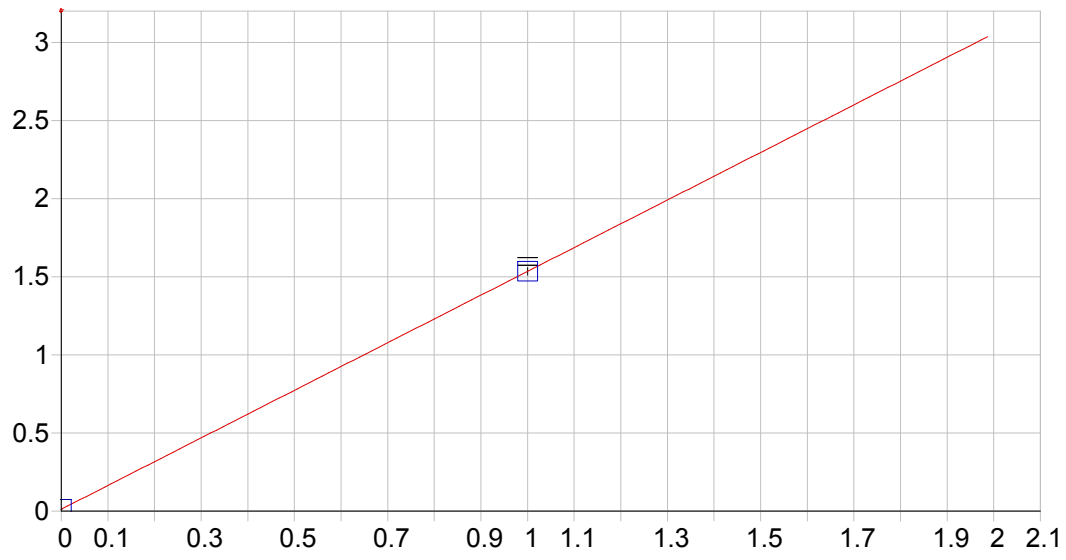


As 189.042 {478}

Date of Fit:	11/26/2021 14:13:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001767	Re-Slope:	1.000000
A1 (Gain):	0.206272	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.003432		
Predicted MQL:	0.011440		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00177	.001	1
S1	1.0000	1.0000	.000	.000	.20446	.003	1

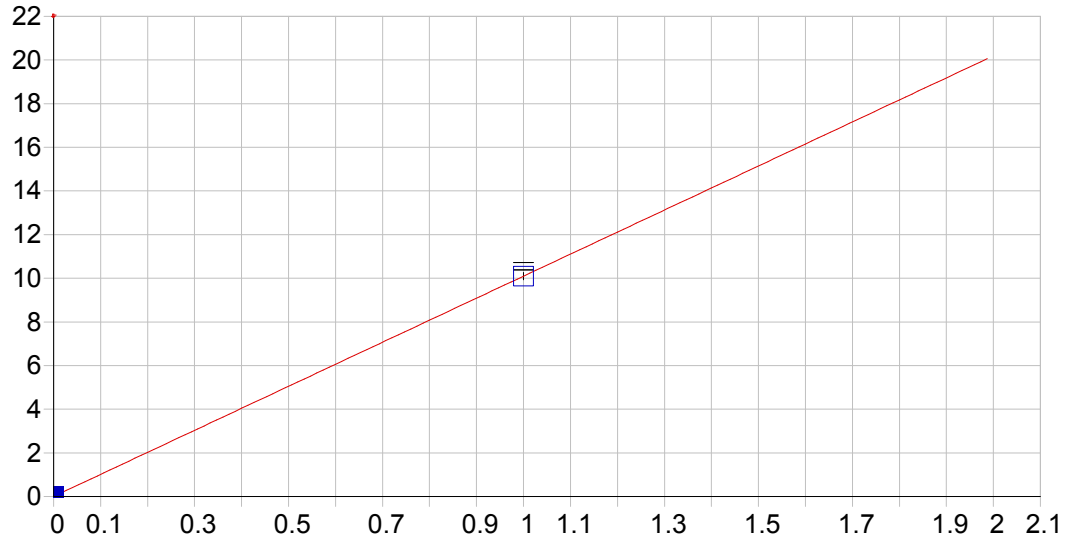


B 208.959 {461}

Date of Fit:	11/26/2021 14:13:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.011845	Re-Slope:	1.000000
A1 (Gain):	1.522362	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000446		
Predicted MQL:	0.001486		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.01184	.001	1
S1	1.0000	1.0000	.000	.000	1.5342	.025	1



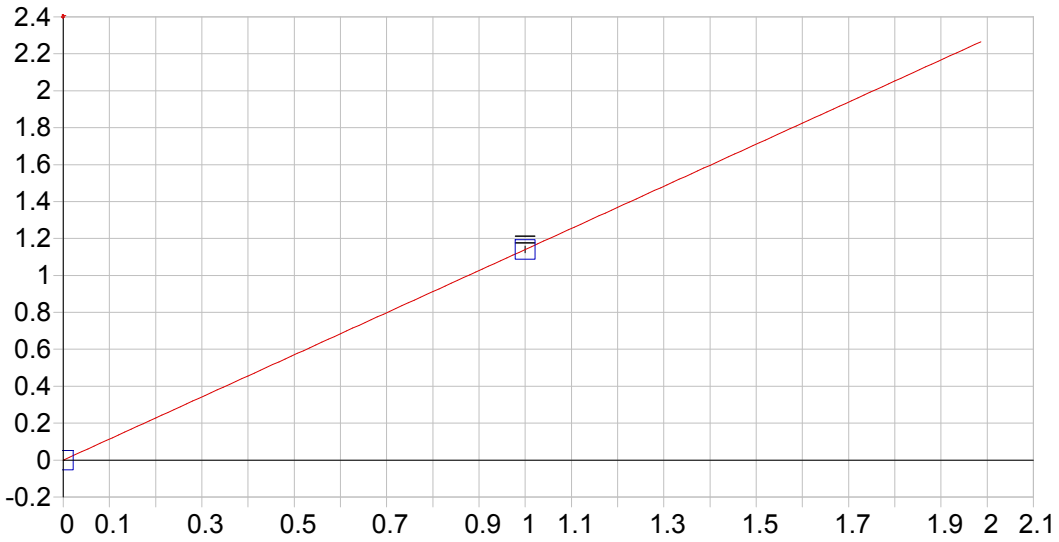
Ba 455.403 { 74}

Date of Fit:	11/26/2021 14:13:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003162	Re-Slope:	1.000000
A1 (Gain):	10.094244	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000084		
Predicted MQL:	0.000281		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00316	.000	1
S1	1.0000	1.0000	.000	.000	10.097	.174	1

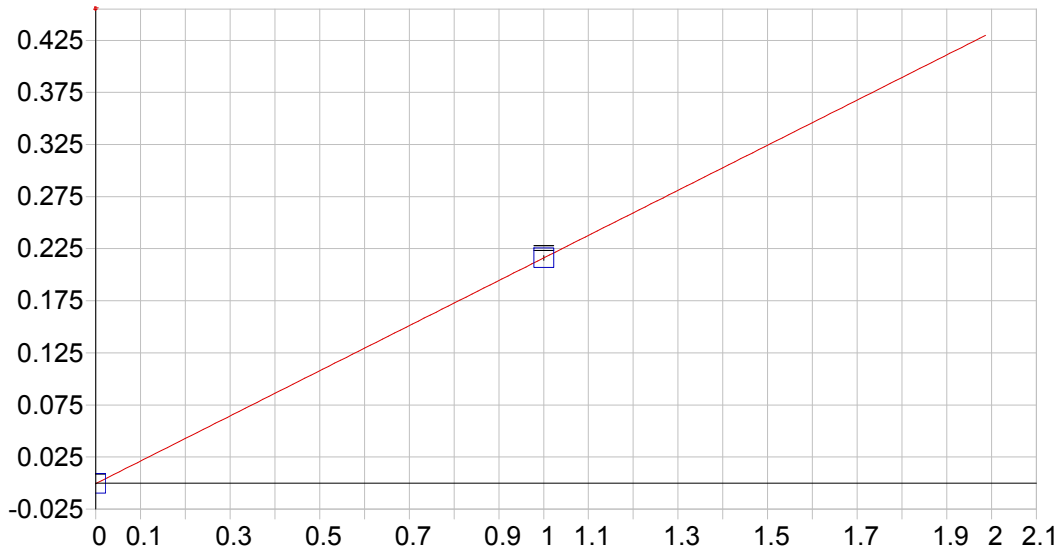


Be 234.861 {143}

Date of Fit:	11/26/2021 14:13:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000178	Re-Slope:	1.000000
A1 (Gain):	1.140513	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000249		
Predicted MQL:	0.000831		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00018	.000	1
S1	1.0000	1.0000	.000	.000	1.1403	.018	1

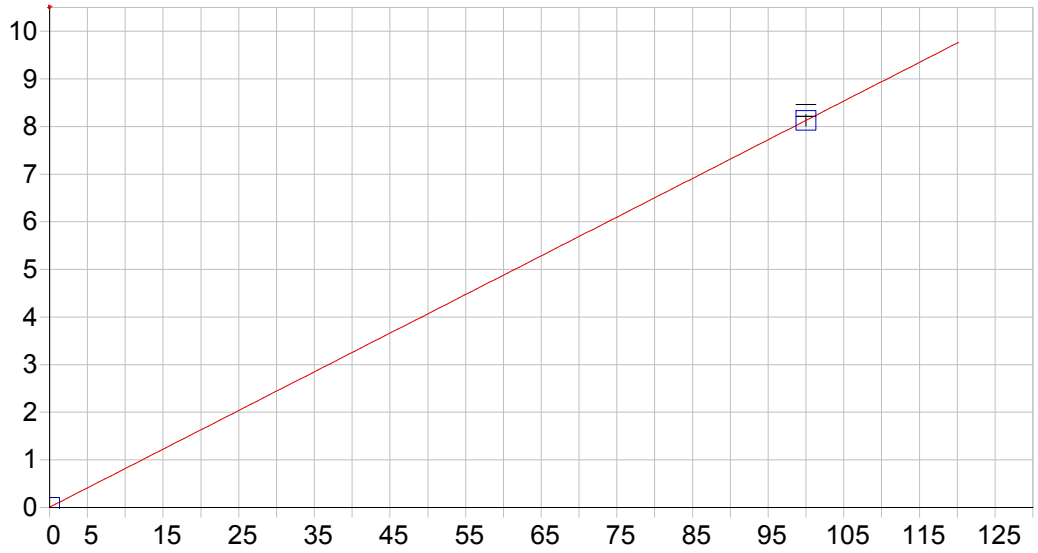


Bi 223.061 {451}

Date of Fit:	11/26/2021 14:13:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000521	Re-Slope:	1.000000
A1 (Gain):	0.216603	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.002015		
Predicted MQL:	0.006718		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00052	.000	1
S1	1.0000	1.0000	.000	.000	.21608	.002	1



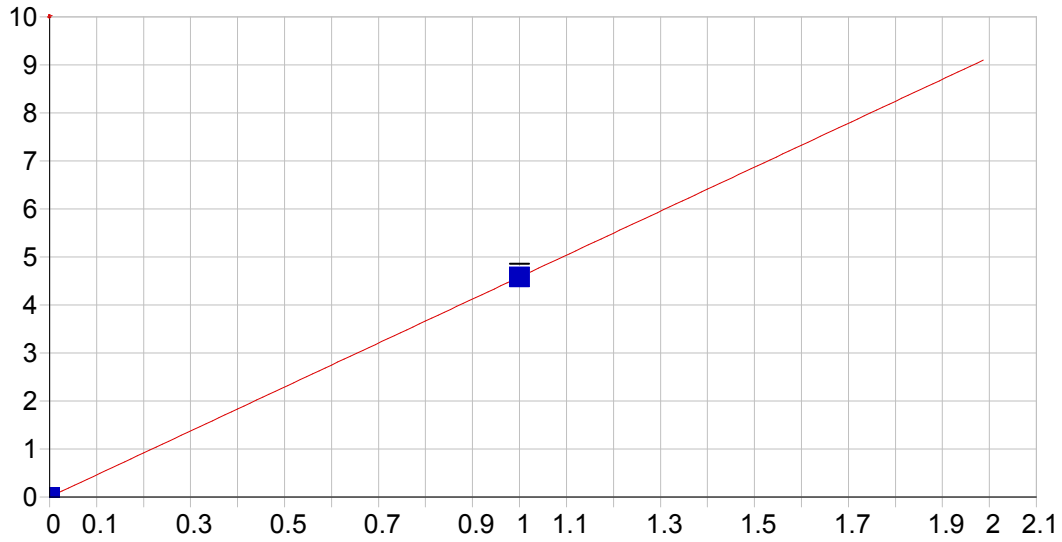
Ca 317.933 {106}

Date of Fit:	11/26/2021 14:17:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.005956	Re-Slope:	1.000000
A1 (Gain):	0.081230	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.004102		
Predicted MQL:	0.013672		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00596	.000	1
S2	100.00	100.00	.000	.000	8.1289	.124	1

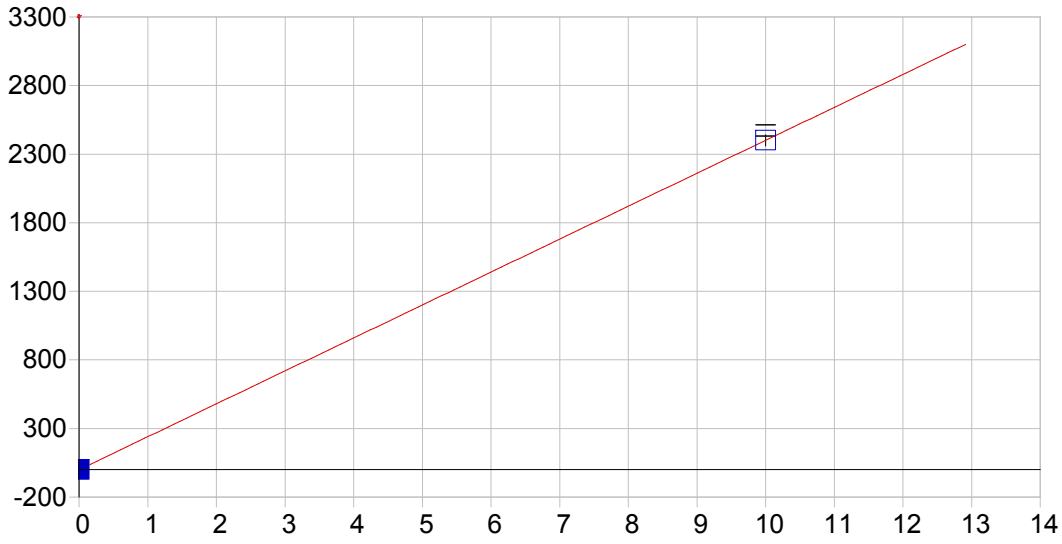


Cd 228.802 {447}

Date of Fit:	11/26/2021 14:13:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002517	Re-Slope:	1.000000
A1 (Gain):	4.577891	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000239		
Predicted MQL:	0.000798		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00252	.000	1
S1	1.0000	1.00000	.000	.000	4.5904	.067	1

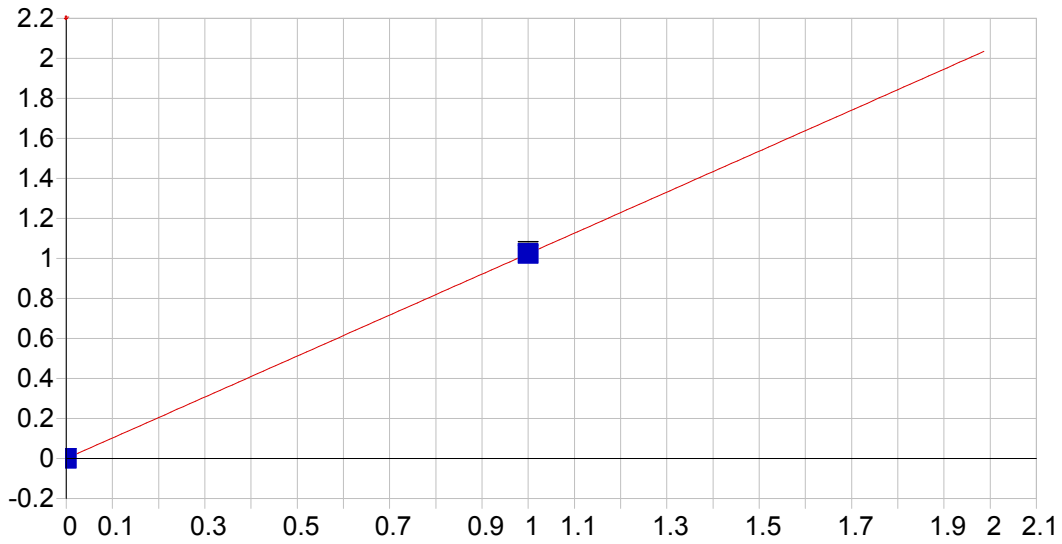


Ce 404.076 { 83}

Date of Fit:	11/26/2021 14:20:27	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.356275	Re-Slope:	1.000000
A1 (Gain):	240.100324	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.013947		
Predicted MQL:	0.046489		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.35628	.114	1
CE	10.000	10.000	.000	.000	2400.6	41.5	1



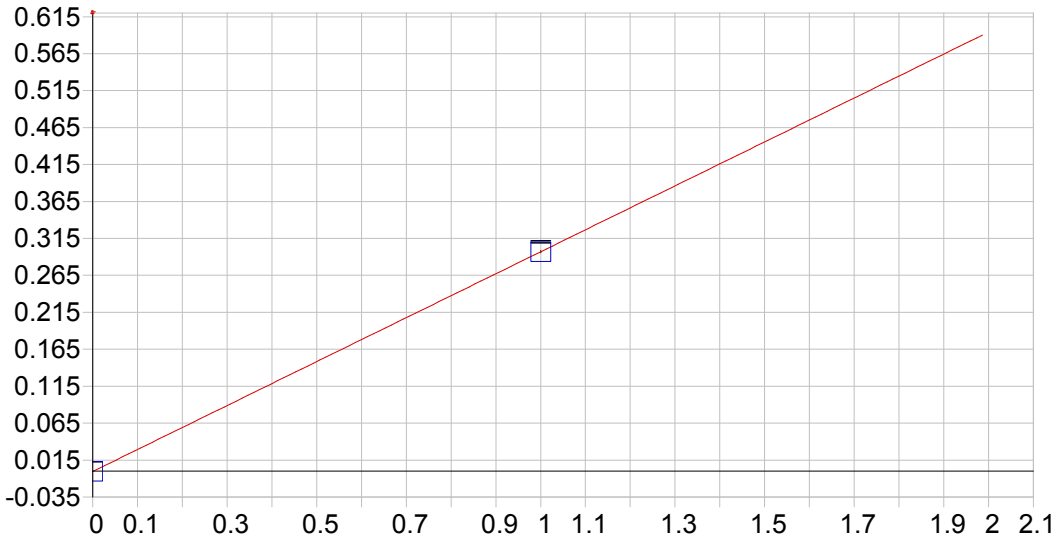
Co 228.616 {447}

Date of Fit:	11/26/2021 14:13:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000135	Re-Slope:	1.000000
A1 (Gain):	1.024226	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000		Status:	OK.			
Std Error of Est:	0.000000						
Predicted MDL:	0.000455						
Predicted MQL:	0.001516						

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00014	.000	1
S1	1.0000	1.0000	.000	.000	1.0264	.009	1

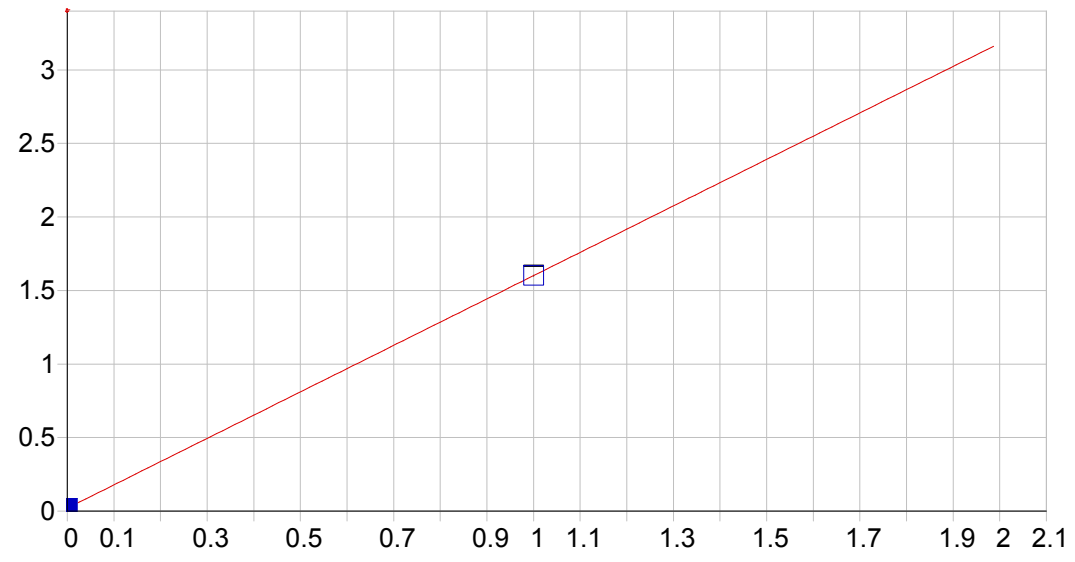


Cr 267.716 {126}

Date of Fit:	11/26/2021 14:13:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000393	Re-Slope:	1.000000
A1 (Gain):	0.297297	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001432		
Predicted MQL:	0.004774		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00039	.000	1
S1	1.0000	1.0000	.000	.000	.29690	.002	1

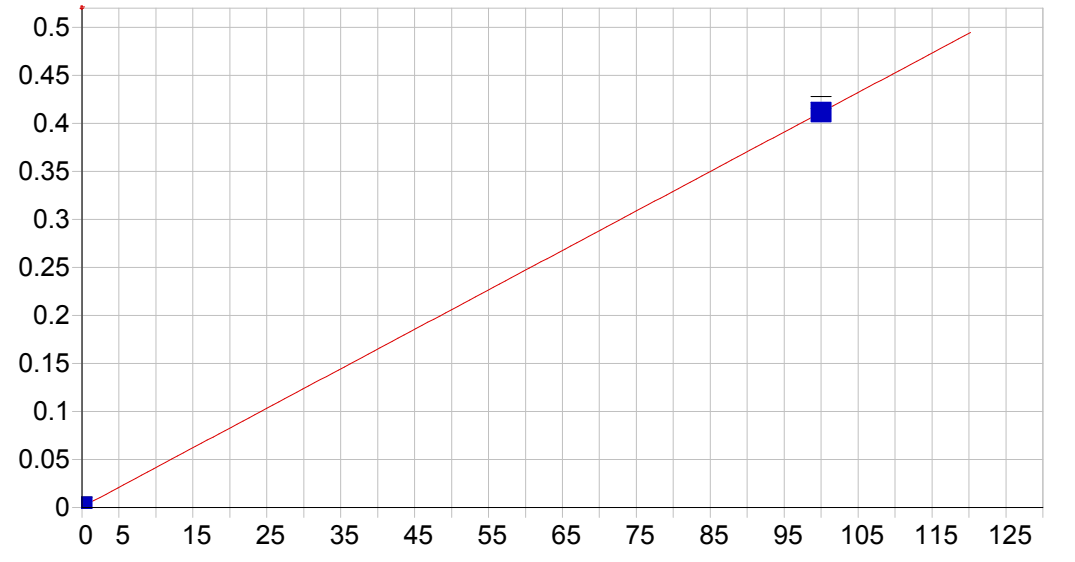


Cu 324.754 {104}

Date of Fit:	11/26/2021 14:13:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.020253	Re-Slope:	1.000000
A1 (Gain):	1.580825	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000347		
Predicted MQL:	0.001157		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.02025	.000	1
S1	1.0000	1.0000	.000	.000	1.6011	.002	1



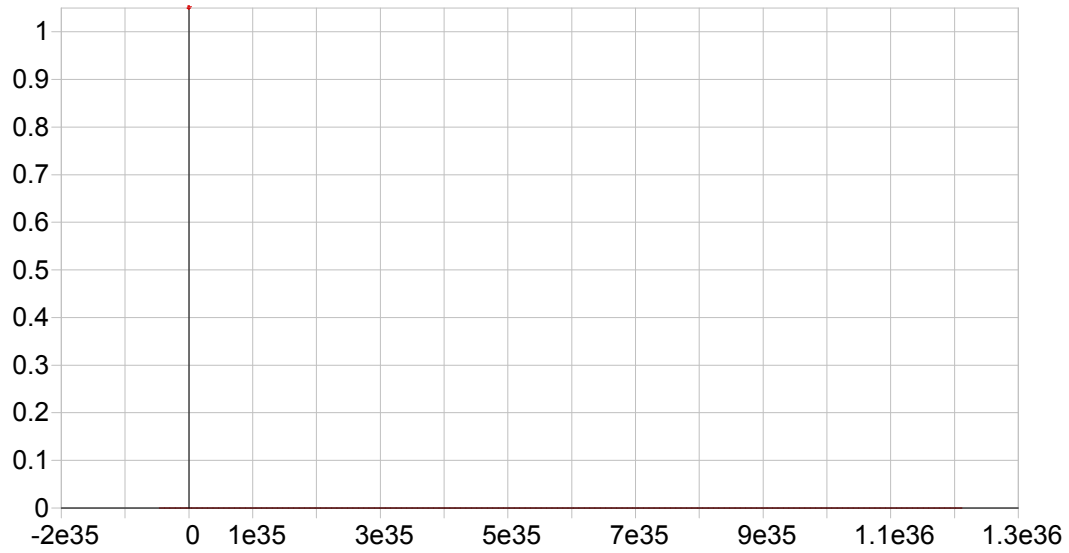
Fe 271.441 {124}

Date of Fit:	11/26/2021 14:17:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000544	Re-Slope:	1.000000
A1 (Gain):	0.004110	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000		Status:	OK.
Std Error of Est:	0.000000			
Predicted MDL:	0.067425			
Predicted MQL:	0.224750			

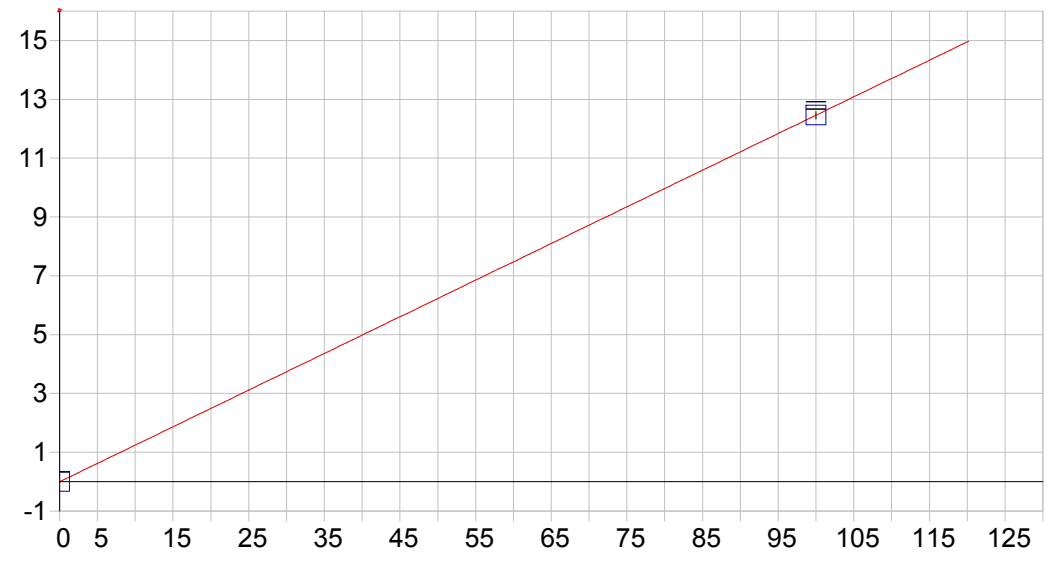
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00054	.000	1
S2	100.00	100.00	.000	.000	.41161	.006	1



In 230.606 {446}*

Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):		0.000000		Re-Slope:	1.000000	
A1 (Gain):		0.000000		Y-int:	0.000000	
A2 (Curvature):		0.000000				
n (Exponent):		1.000000				
Correlation:		0.000000		Status:	Warning	Zero Gain
Std Error of Est:		0.000000				
Predicted MDL:		n/a				
Predicted MQL:		n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

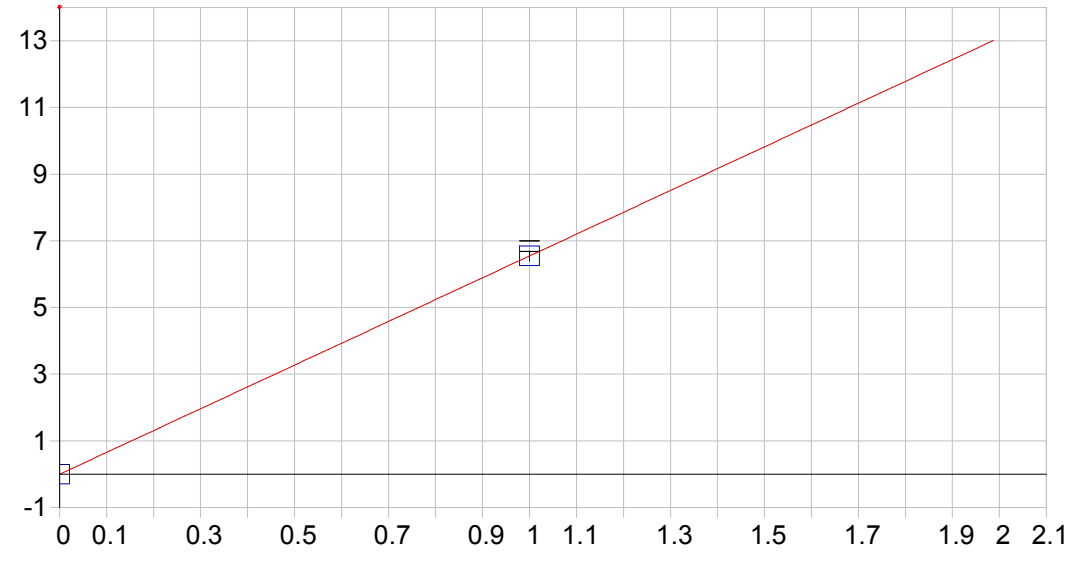


K 766.490 { 44}

Date of Fit:	11/26/2021 14:17:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002420	Re-Slope:	1.000000
A1 (Gain):	0.124636	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.009679		
Predicted MQL:	0.032263		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00242	.000	1
S2	100.00	100.00	.000	.000	12.461	.124	1



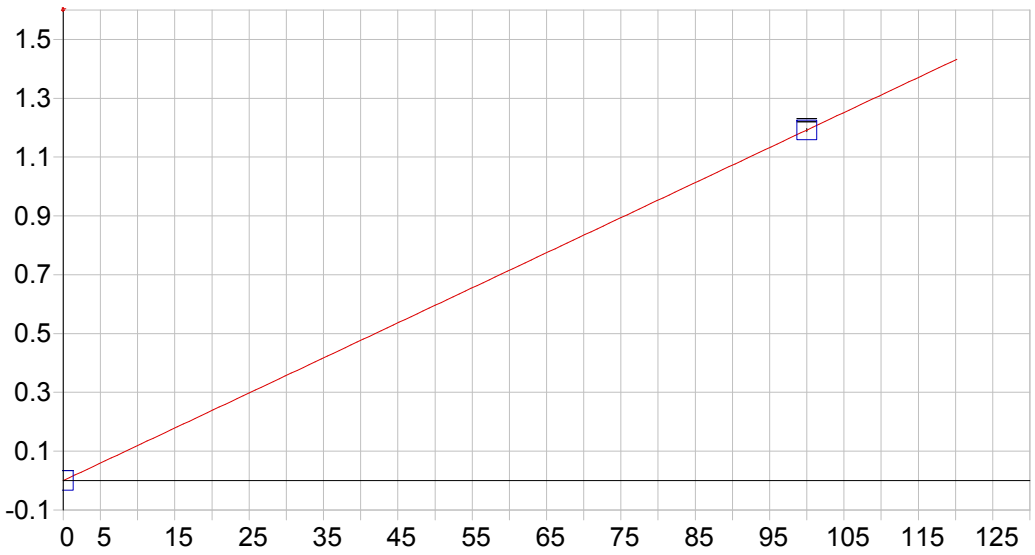
Li 670.784 { 50}

Date of Fit:	11/26/2021 14:13:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000958	Re-Slope:	1.000000
A1 (Gain):	6.547703	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000189		
Predicted MQL:	0.000630		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00096	.000	1
S1	1.0000	1.0000	.000	.000	6.5467	.158	1

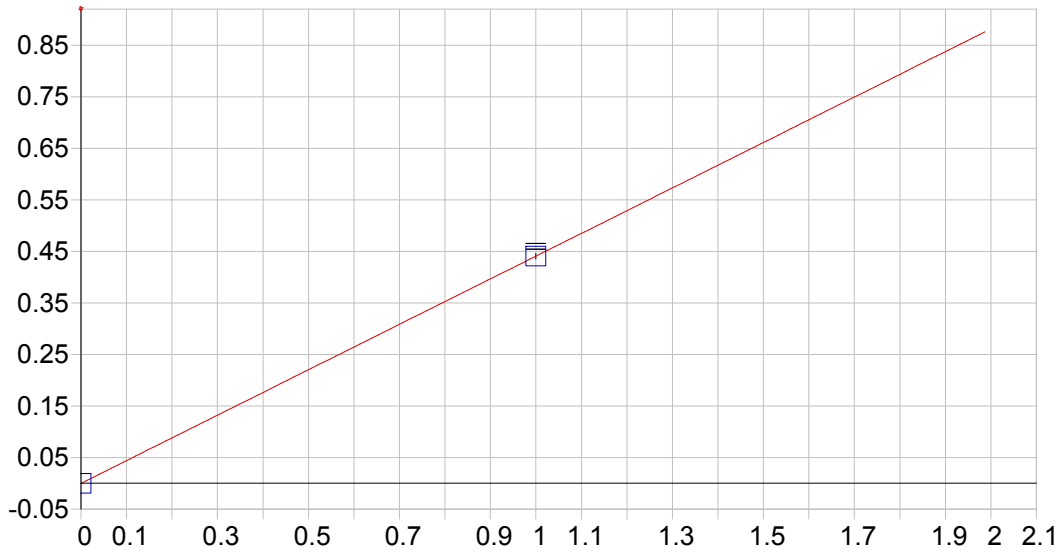


Mg 279.079 {121}

Date of Fit:	11/26/2021 14:17:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000058	Re-Slope:	1.000000
A1 (Gain):	0.011921	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.018131		
Predicted MQL:	0.060435		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00006	.000	1
S2	100.00	100.00	.000	.000	1.1920	.005	1

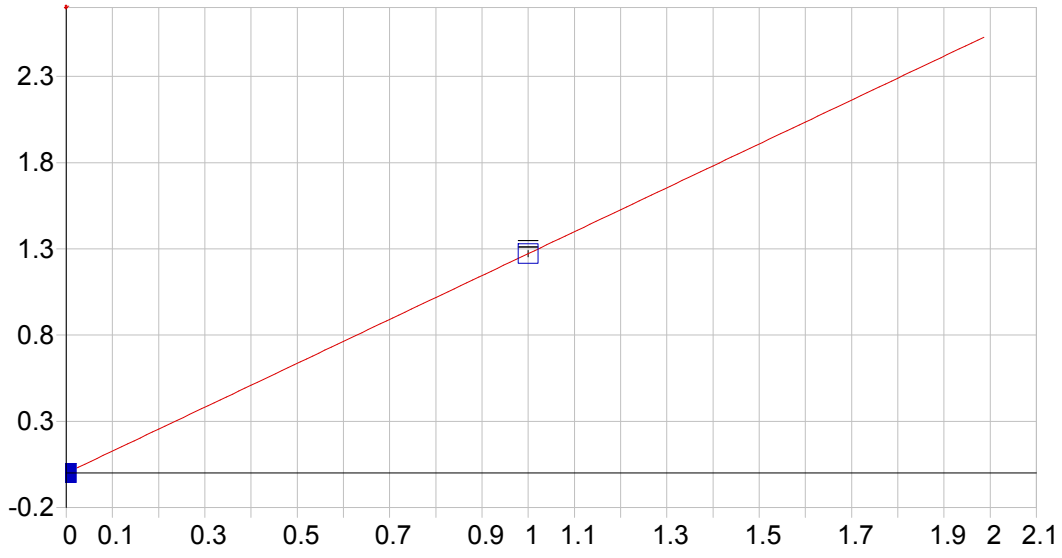


Mn 257.610 {131}

Date of Fit:	11/26/2021 14:13:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000071	Re-Slope:	1.000000
A1 (Gain):	0.440853	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000552		
Predicted MQL:	0.001839		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00007	.000	1
S1	1.0000	1.0000	.000	.000	.44078	.006	1



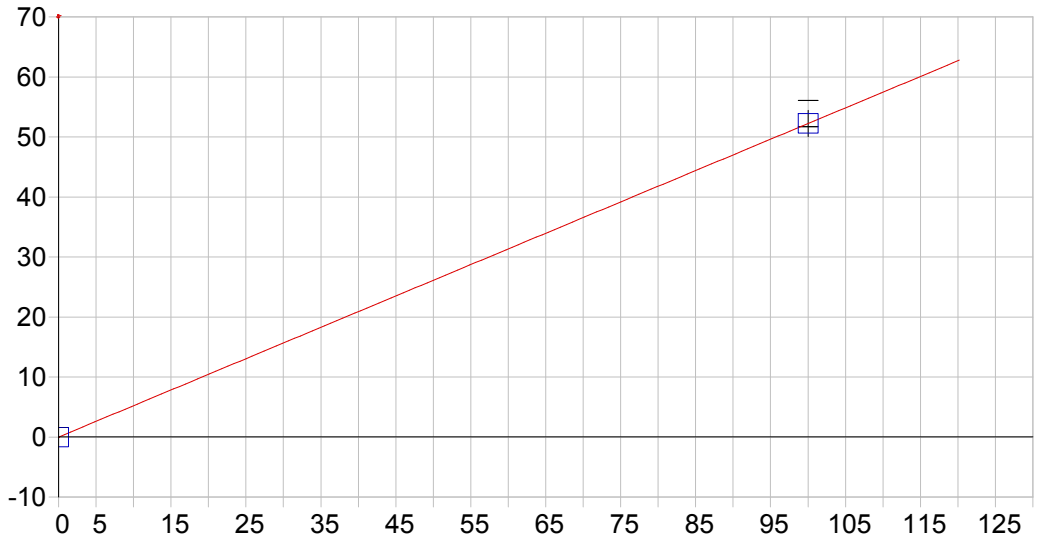
Mo 202.030 {467}

Date of Fit:	11/26/2021 14:13:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000074	Re-Slope:	1.000000
A1 (Gain):	1.272446	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000		Status:	OK.			
Std Error of Est:	0.000000						
Predicted MDL:	0.000589						
Predicted MQL:	0.001964						

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00007	.000	1
S1	1.0000	1.0000	.000	.000	1.2725	.018	1

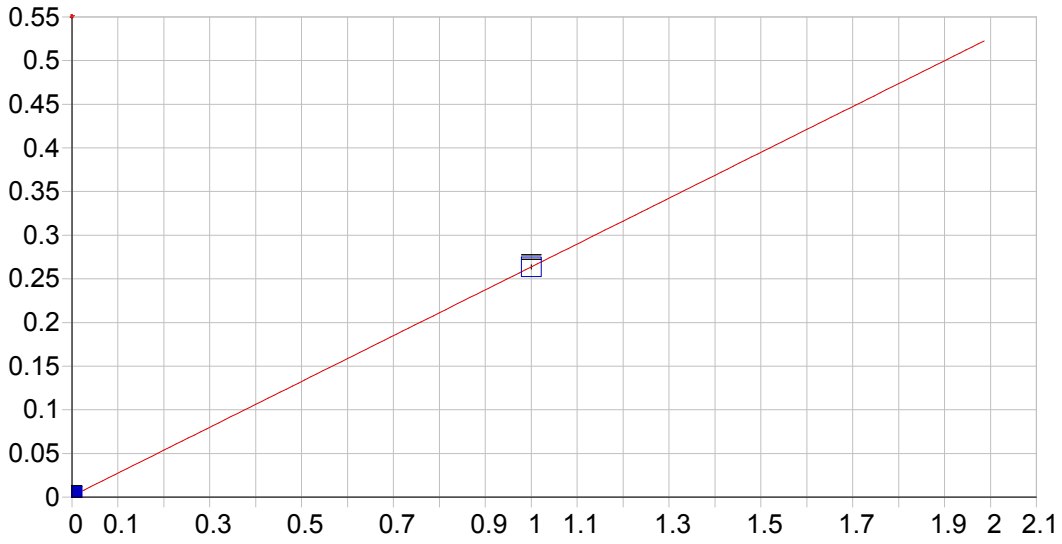


Na 589.592 { 57}

Date of Fit:	11/26/2021 14:17:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001805	Re-Slope:	1.000000
A1 (Gain):	0.522321	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.002260		
Predicted MQL:	0.007532		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00181	.001	1
S2	100.00	100.00	.000	.000	52.230	2.20	1

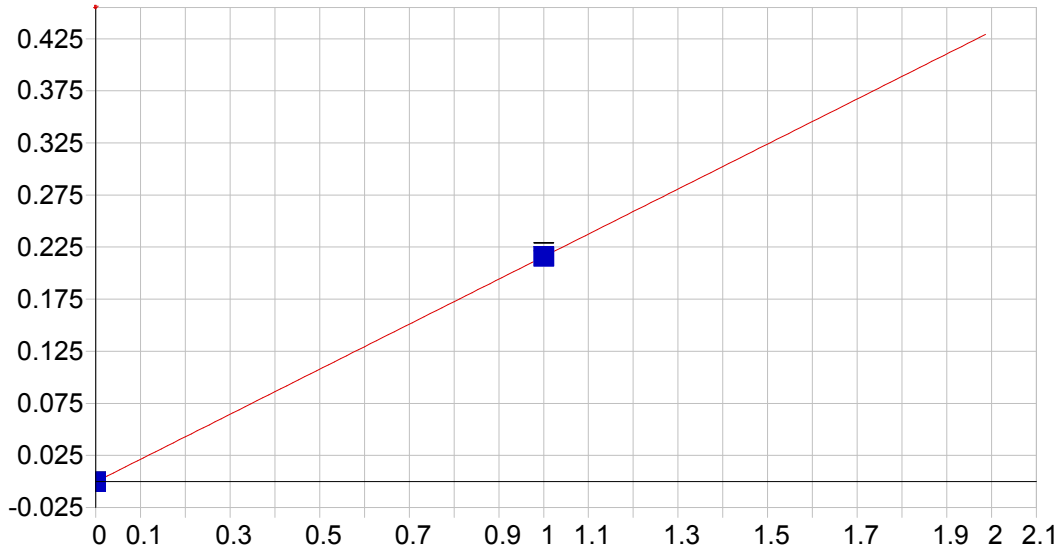


Ni 231.604 {446}

Date of Fit:	11/26/2021 14:13:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001250	Re-Slope:	1.000000
A1 (Gain):	0.262418	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001358		
Predicted MQL:	0.004526		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00125	.000	1
S1	1.0000	1.0000	.000	.000	.26367	.003	1



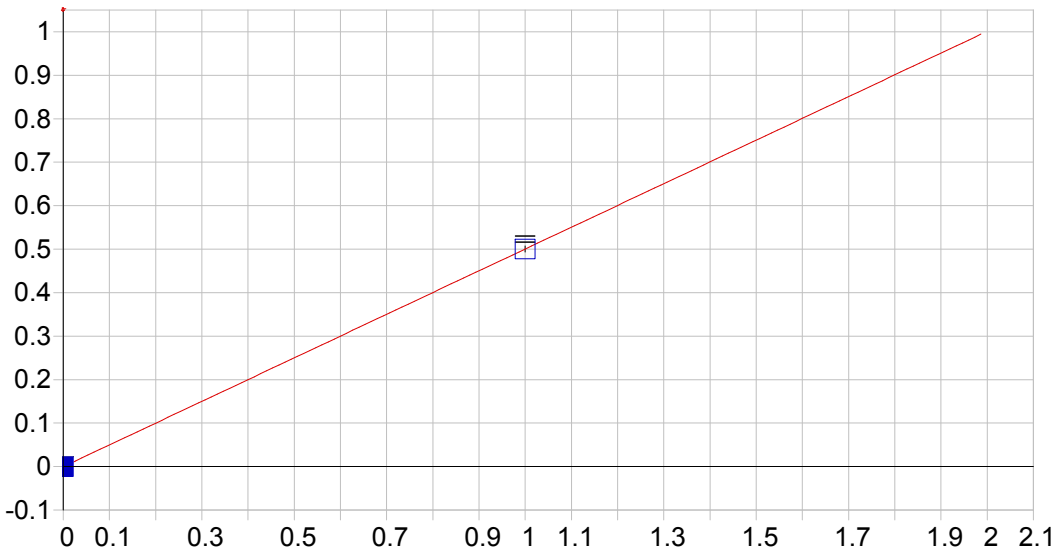
Pb 220.353 {453}

Date of Fit:	11/26/2021 14:13:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000350	Re-Slope:	1.000000
A1 (Gain):	0.216213	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.002233		
Predicted MQL:	0.007444		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00035	.000	1
S1	1.0000	1.0000	.000	.000	.21582	.004	1

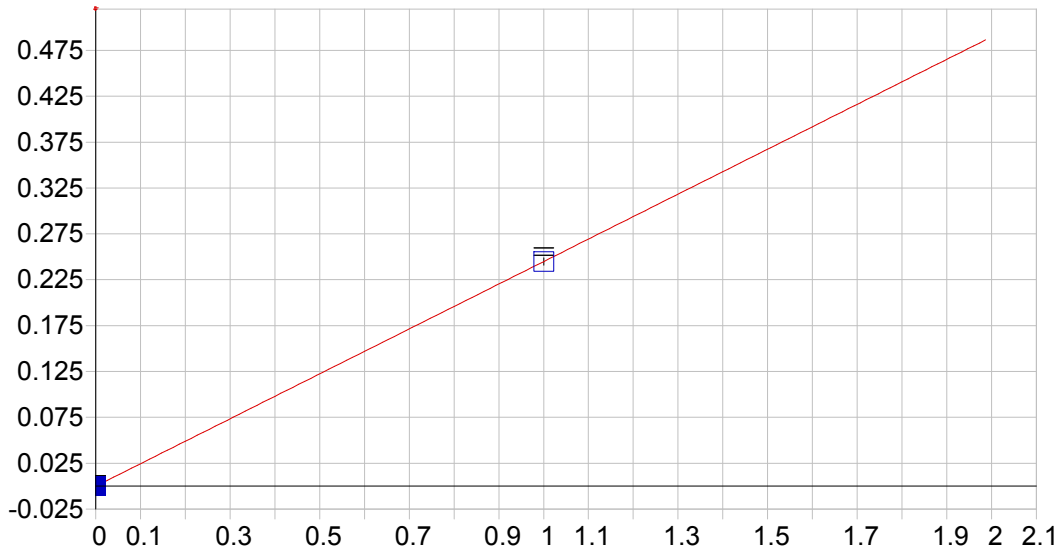


Sb 206.833 {463}

Date of Fit:	11/26/2021 14:13:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000360	Re-Slope:	1.000000
A1 (Gain):	0.500737	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001982		
Predicted MQL:	0.006608		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00036	.000	1
S1	1.0000	1.0000	.000	.000	.50038	.007	1

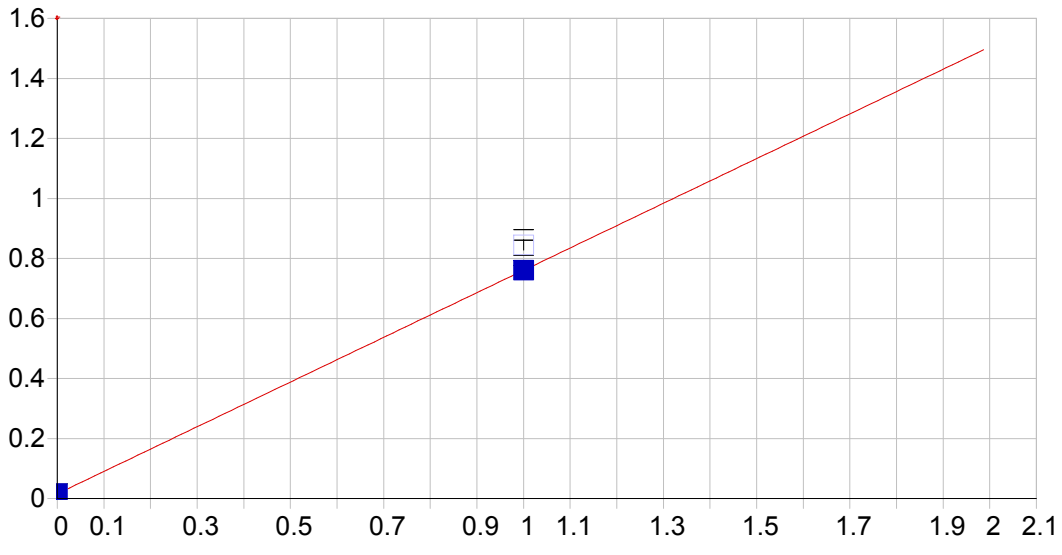


Se 196.090 {472}

Date of Fit:	11/26/2021 14:13:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000021	Re-Slope:	1.000000
A1 (Gain):	0.244863	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.003148		
Predicted MQL:	0.010493		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00002	.000	1
S1	1.0000	1.0000	.000	.000	.24484	.004	1



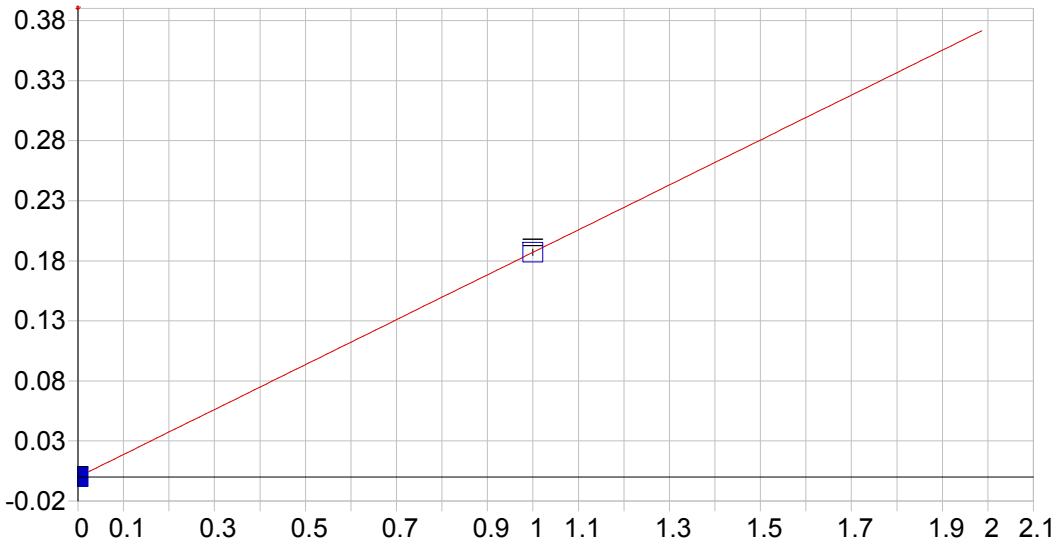
Si 212.412 {459}

Date of Fit:	11/26/2021 14:13:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.015734	Re-Slope:	1.000000
A1 (Gain):	0.744637	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000812		
Predicted MQL:	0.002706		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.01573	.000	1
S1	1.0000	1.00000	.000	.000	.84511	.017	1

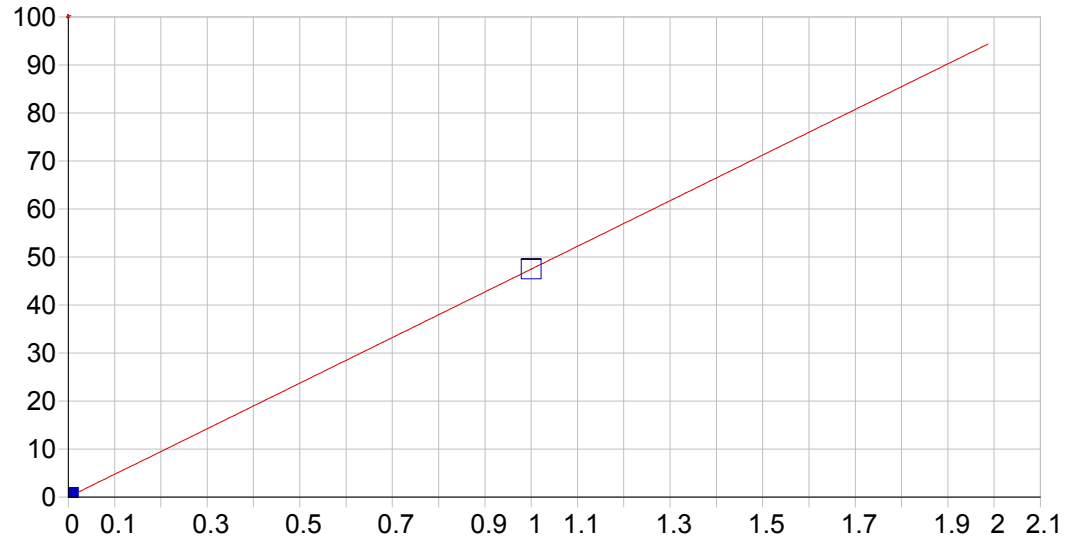


Sn 189.989 {477}

Date of Fit:	11/26/2021 14:13:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000048	Re-Slope:	1.000000
A1 (Gain):	0.186995	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.002118		
Predicted MQL:	0.007059		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00005	.000	1
S1	1.0000	1.0000	.000	.000	.18704	.003	1

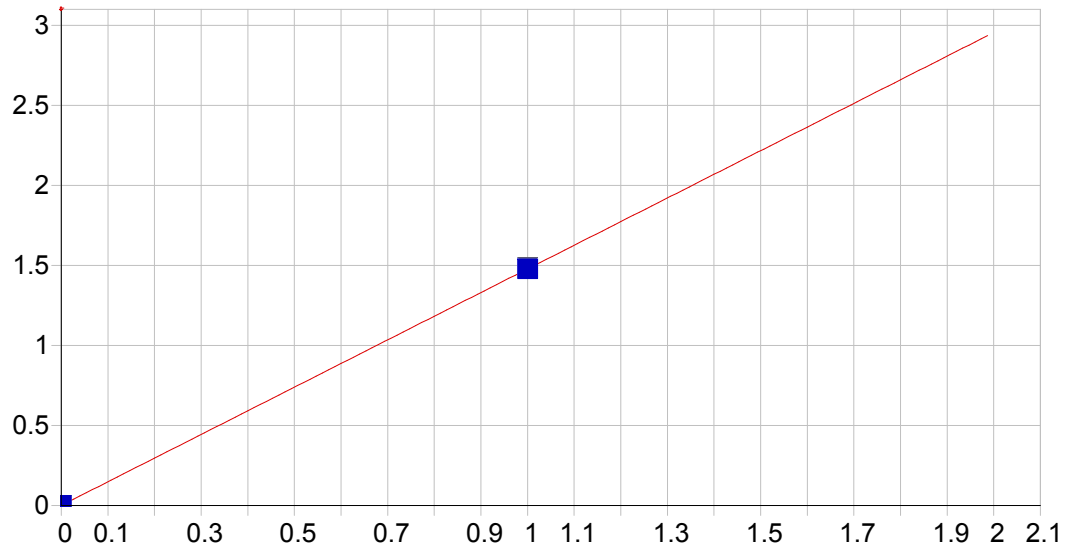


Sr 421.552 { 80}

Date of Fit:	11/26/2021 14:13:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000733	Re-Slope:	1.000000
A1 (Gain):	47.494548	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000015		
Predicted MQL:	0.000052		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00073	.000	1
S1	1.0000	1.0000	.000	.000	47.495	.022	1



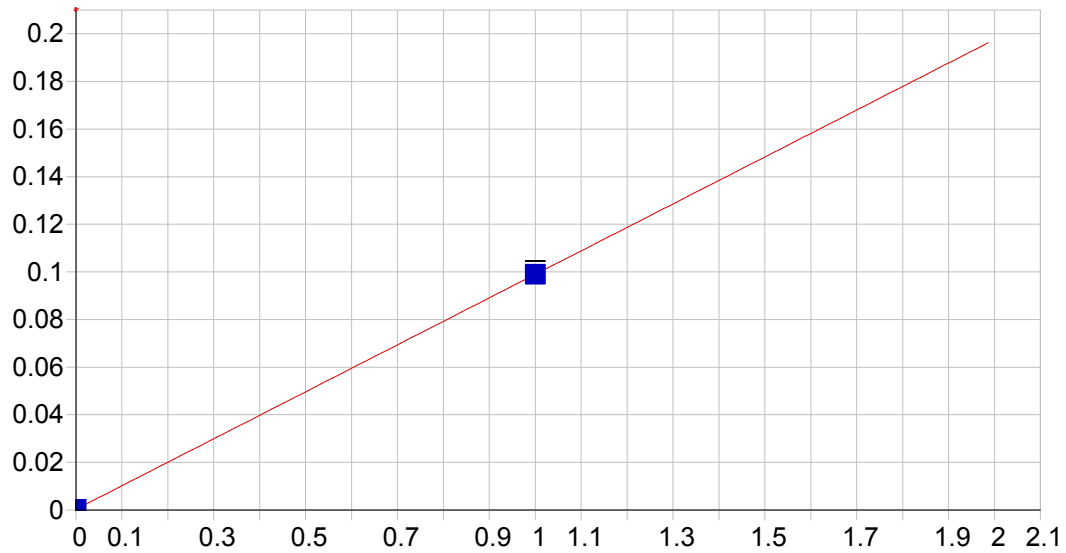
Ti 334.941 {101}

Date of Fit:	11/26/2021 14:13:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000706	Re-Slope:	1.000000
A1 (Gain):	1.477468	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000		Status:	OK.		
Std Error of Est:	0.000000					
Predicted MDL:	0.000255					
Predicted MQL:	0.000851					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00071	.000	1
S1	1.0000	1.0000	.000	.000	1.4832	.003	1

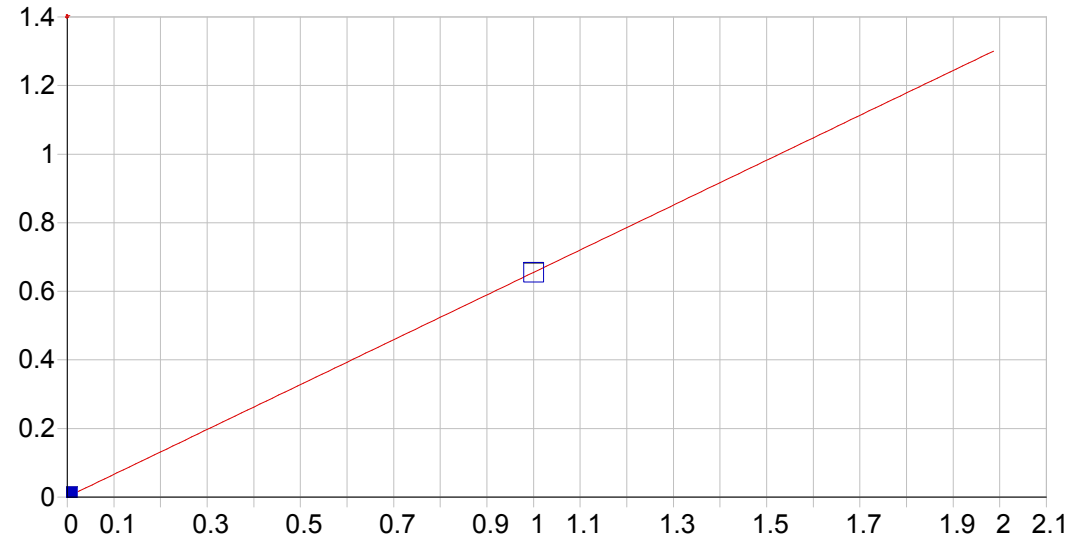


Tl 190.856 {477}

Date of Fit:	11/26/2021 14:13:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000347	Re-Slope:	1.000000
A1 (Gain):	0.098629	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.002769		
Predicted MQL:	0.009231		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00035	.000	1
S1	1.0000	1.00000	.000	.000	.09922	.001	1

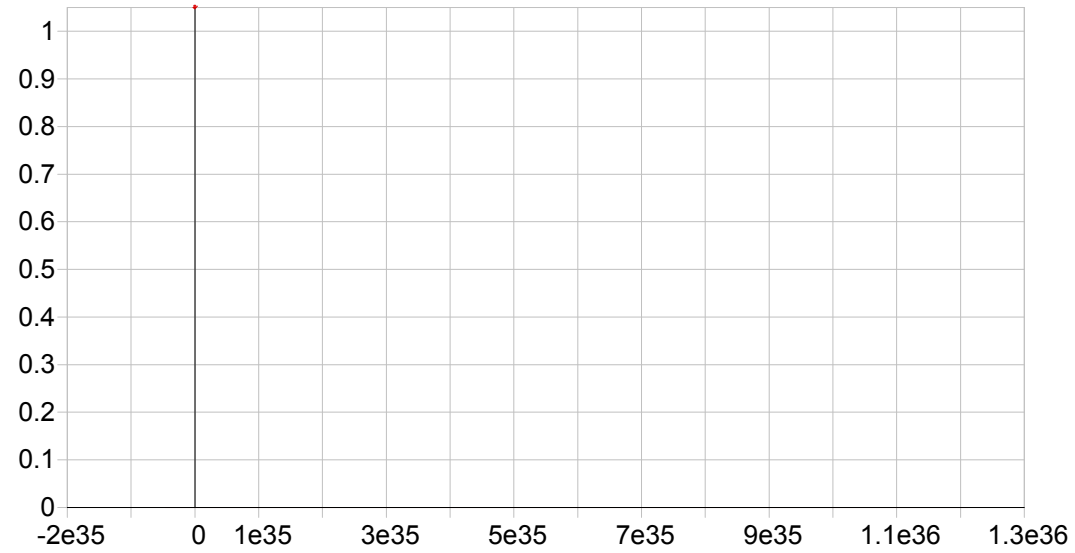


V 292.402 {115}

Date of Fit:	11/26/2021 14:13:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000863	Re-Slope:	1.000000
A1 (Gain):	0.654212	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000794		
Predicted MQL:	0.002646		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00086	.000	1
S1	1.0000	1.0000	.000	.000	.65507	.000	1



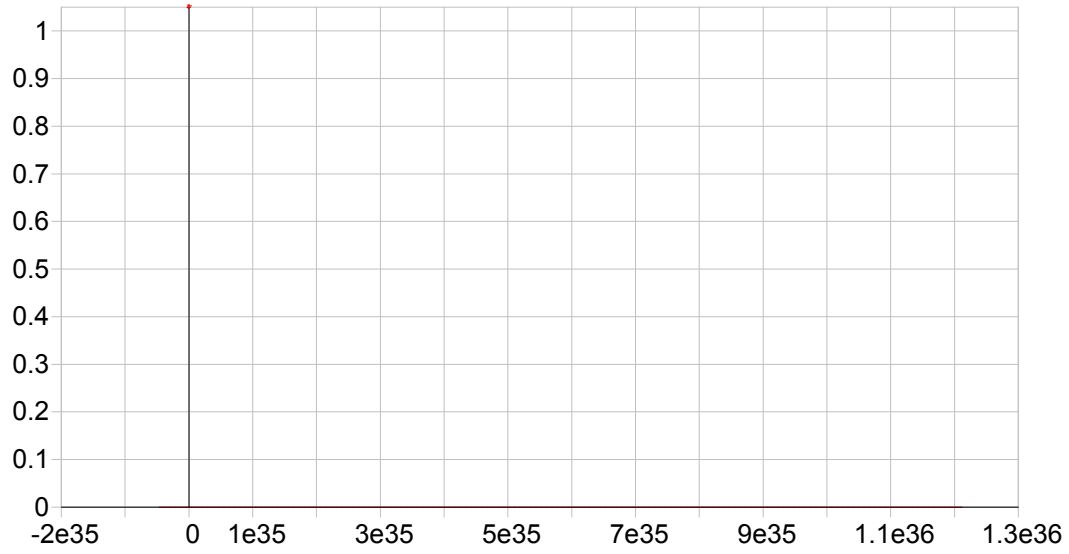
Y 224.306 {450}*

Date of Fit:	1/27/2021 10:00:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

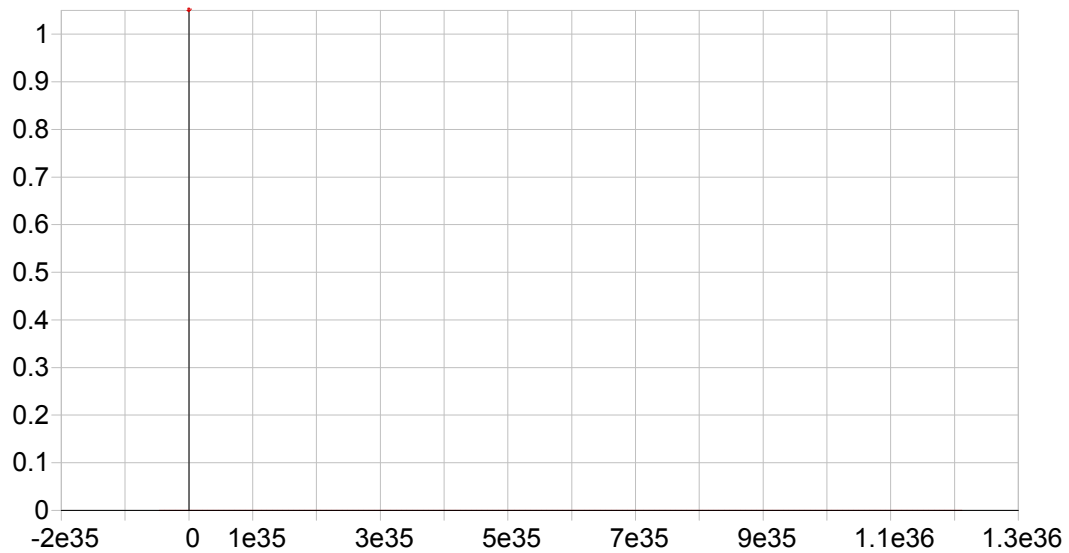
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 360.073 { 94}*

Date of Fit:	1/27/2021 10:00:12	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

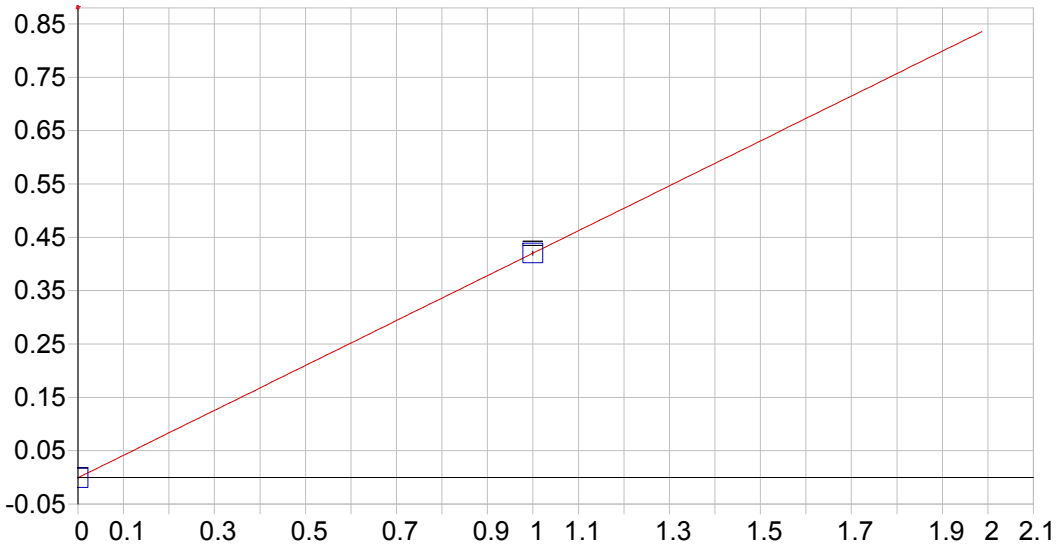


Y 371.030 { 91}*

Date of Fit:	1/27/2021 10:00:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Zn 206.200 {463}

Date of Fit:	11/26/2021 14:13:47	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000662	Re-Slope:	1.000000
A1 (Gain):	0.420889	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000847		
Predicted MQL:	0.002823		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00066	.000	1
S1	1.0000	1.0000	.000	.000	.42023	.004	1

Sample Name: Blank Acquired: 11/26/2021 14:07:22 Type: Cal
Method: P6112621A Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00018**	**.00194**	**-.00177**	**.01184**	**.00316**	**-.00018**	**-.00052**
Stddev	.00036	.00013	.00098	.00106	.00012	.00003	.00014
%RSD	198.36	6.9541	55.341	8.9208	3.8658	18.855	27.242
#1	.00044	.00203	-.00246	.01110	.00325	-.00015	-.00042
#2	-.00007	.00184	-.00108	.01259	.00308	-.00020	-.00062

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00596**	**.0025**	**-.3563**	**-.00014**	**-.00039**	**.02025**	**.00054**
Stddev	.00014	.0004	.1137	.00028	.00017	.00013	.00024
%RSD	2.3655	14.33	31.92	208.59	42.665	.62783	43.997
#1	.00606	.0028	-.2759	.00006	-.00051	.02016	.00037
#2	.00586	.0023	-.4367	-.00033	-.00027	.02034	.00071

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00242**	**-.0010**	**-.00006**	**-.00007**	**.00007**	**-.00181**	**.00125**
Stddev	.00029	.0005	.00001	.00001	.00041	.00068	.00016
%RSD	12.136	48.36	23.409	9.9526	557.22	37.717	12.917
#1	-.00221	-.0006	-.00007	-.00007	-.00022	-.00229	.00114
#2	-.00263	-.0013	-.00005	-.00008	.00037	-.00132	.00136

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00035**	**-.00036**	**-.00002**	**.01573**	**.00005**	**.00073**	**.00071**
Stddev	.00000	.00031	.00032	.00017	.00019	.00031	.00014
%RSD	.92677	86.877	1534.0	1.1059	398.70	41.724	19.929
#1	-.00035	-.00014	-.00025	.01561	-.00009	.00095	.00061
#2	-.00035	-.00058	.00021	.01586	.00018	.00052	.00081

Elem	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S
Avg	**.00035**	**.00086**	**-.00066**
Stddev	.00002	.00010	.00030
%RSD	5.9844	12.101	45.623
#1	.00033	.00094	-.00045
#2	.00036	.00079	-.00088

Sample Name: Blank Acquired: 11/26/2021 14:07:22 Type: Cal
Method: P6112621A Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1932.7	825.23	6044.3	5563.8
Stddev	66.2	47.66	191.4	145.1
%RSD	3.4274	5.7755	3.1668	2.6070
#1	1979.5	858.93	6179.6	5666.4
#2	1885.9	791.53	5908.9	5461.2

Sample Name: S1 Acquired: 11/26/2021 14:10:40 Type: Cal
Method: P6112621A Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	As1890	B_2089	Ba4554	Be2348	Bi2230	Cd2288	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.53839	.20446	1.5342	10.097	1.1403	.21608	4.590	1.0264
Stddev	.00069	.00317	.0248	.174	.0181	.00219	.067	.0088
%RSD	.12833	1.5488	1.6152	1.7262	1.5897	1.0144	1.462	.85307
#1	.53790	.20670	1.5517	9.9742	1.1275	.21763	4.638	1.0326
#2	.53888	.20222	1.5167	10.221	1.1532	.21453	4.543	1.0202

Elem	Cr2677	Cu3247	Li6707	Mn2576	Mo2020	Ni2316	Pb2203	Sb2068
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.29690	1.6011	6.547	.44078	1.2725	.26367	.21582	.50038
Stddev	.00156	.0023	.158	.00568	.0181	.00262	.00385	.00669
%RSD	.52478	.14634	2.419	1.2882	1.4188	.99258	1.7826	1.3365
#1	.29580	1.6027	6.435	.43677	1.2853	.26552	.21854	.50511
#2	.29801	1.5994	6.659	.44480	1.2598	.26182	.21309	.49565

Elem	Se1960	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.24484	.84511	.18704	47.495	1.4832	.09922	.65507	.42023
Stddev	.00406	.01729	.00268	.022	.0026	.00132	.00043	.00405
%RSD	1.6593	2.0460	1.4306	.04683	.17442	1.3287	.06533	.96459
#1	.24771	.85734	.18893	47.511	1.4814	.10015	.65538	.42309
#2	.24197	.83289	.18515	47.480	1.4851	.09829	.65477	.41736

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1750.9	711.42	4994.7	4348.8
Stddev	21.2	11.54	2.5	23.2
%RSD	1.2082	1.6215	.05065	.53365
#1	1735.9	703.27	4996.5	4365.2
#2	1765.9	719.58	4992.9	4332.3

Sample Name: S2 Acquired: 11/26/2021 14:13:52 Type: Cal
Method: P6112621A Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3082	Ca3179	Fe2714	K_7664	Mg2790	Na5895
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8352	8.1289	.41161	12.461	1.1920	52.230
Stddev	.0179	.1237	.00620	.124	.0053	2.197
%RSD	.63079	1.5211	1.5066	.99440	.44534	4.2062
#1	2.8226	8.0415	.40722	12.549	1.1883	50.677
#2	2.8478	8.2164	.41599	12.374	1.1958	53.784

Int. Std.	Y_3710
Units	Cts/S
Avg	4120.7
Stddev	6.5
%RSD	.15844
#1	4116.1
#2	4125.3

Sample Name: CE Acquired: 11/26/2021 14:17:14 Type: Cal
Method: P6112621A Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ce4040
Units	Cts/S
Avg	**2401.**
Stddev	41.
%RSD	1.728
#1	2371.
#2	2430.

Sample Name: S1 Acquired: 11/26/2021 14:20:32 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9913336**	**.0479202**	**1.010559**	**1.014981**	**1.007636**	**.9931702**
Stddev	.0110668	.0052710	.009778	.008420	.013549	.0107075
%RSD	1.116350	10.99954	.9675979	.8295827	1.344600	1.078109
#1	.9991589	.0516474	1.003645	1.009027	.998056	.9855989
#2	.9835082	.0441930	1.017474	1.020934	1.017217	1.000742
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.008267**	**-.005675**	**1.006021**	F **.1268697**	**.9990271**	**.9884517**
Stddev	.012527	.003959	.009237	.0107425	.0102082	.0087465
%RSD	1.242449	69.76065	.9182192	8.467350	1.021811	.8848699
#1	.999408	-.002876	.999490	.1192736	.9918089	.9946364
#2	1.017125	-.008475	1.012553	.1344658	1.006245	.9822669
Check ?	Chk Pass	None	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				1.000000		
Range				-5.00000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.004814**	**.0946262**	**.0051444**	**1.040276**	**-.034929**	**.9870376**
Stddev	.009991	.0061830	.0022080	.023076	.002023	.0016606
%RSD	.9942899	6.534124	42.91970	2.218274	5.791360	.1682444
#1	.997750	.0989983	.0067056	1.023959	-.033498	.9858634
#2	1.011879	.0902542	.0035831	1.056593	-.036359	.9882118
Check ?	Chk Pass	None	None	Chk Pass	None	Chk Pass
Value						
Range						

Sample Name: S1 Acquired: 11/26/2021 14:20:32 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.009384	.0119998	1.001141	1.002465	1.013265	1.011145
Stddev	.010970	.0006033	.008643	.011505	.011294	.014390
%RSD	1.086821	5.027496	.8633560	1.147668	1.114659	1.423113
#1	1.001627	.0115732	.995030	.994330	1.005279	1.000970
#2	1.017141	.0124264	1.007253	1.010600	1.021251	1.021320
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9702723	.9989918	1.013687	.9998869	1.006620	.9971269
Stddev	.0074226	.0149902	.015290	.0014176	.013263	.0056539
%RSD	.7650028	1.500528	1.508366	.1417802	1.317584	.5670211
#1	.9650238	.9883921	1.002875	.9988845	.997242	1.001125
#2	.9755209	1.009591	1.024498	1.000889	1.015999	.993129
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.9942333
Stddev	.0090725
%RSD	.9125161
#1	.9878181
#2	1.000649
Check ?	Chk Pass
Value	
Range	

Sample Name: S1 Acquired: 11/26/2021 14:20:32 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1725.371	695.3984	4953.690	4294.362
Stddev	16.109	5.4156	73.590	27.526
%RSD	.9336786	.7787784	1.485558	.6409733
#1	1736.762	699.2278	5005.726	4313.825
#2	1713.980	691.5690	4901.654	4274.898

Sample Name: S2 Acquired: 11/26/2021 14:23:42 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001760	99.99230	-.004456	.0019657	.0017171	.0011555	.0022175
Stddev	.0002623	.04308	.001325	.0000614	.0000313	.0001101	.0004103
%RSD	149.0061	.0430821	29.73290	3.121611	1.820844	9.523658	18.50026
#1	.0003615	100.0228	-.003520	.0020091	.0016950	.0010777	.0025076
#2	-.000009	99.9618	-.005393	.0019223	.0017392	.0012333	.0019274
Check ?	None	Chk Pass	None	None	None	None	None
Value							
Range							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	97.81818	.0003636	.0275417	.0002347	-.000670	.0017817	98.47949
Stddev	2.02101	.0000574	.0048165	.0004125	.001200	.0007750	1.76871
%RSD	2.066090	15.78409	17.48795	175.7481	178.9968	43.49769	1.796020
#1	96.38911	.0003230	.0309475	.0005263	-.001519	.0012337	97.22883
#2	99.24725	.0004042	.0241360	-.000057	.000178	.0023296	99.73016
Check ?	Chk Pass	None	None	None	None	None	Chk Pass
Value							
Range							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	101.0835	.0008789	100.0594	.0007793	-.001147	98.27660	.0012277
Stddev	1.2381	.0000017	.1754	.0000339	.000155	3.64385	.0003749
%RSD	1.224874	.1913310	.1753384	4.354064	13.54870	3.707754	30.53500
#1	101.9590	.0008777	99.9353	.0008033	-.001257	95.70001	.0009626
#2	100.2080	.0008801	100.1834	.0007553	-.001037	100.8532	.0014928
Check ?	Chk Pass	None	Chk Pass	None	None	Chk Pass	None
Value							
Range							

Sample Name: S2 Acquired: 11/26/2021 14:23:42 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001049	-.001273	.0028914	.0008244	.0080537	.0006024	.0036456
Stddev	.0001044	.002121	.0004475	.0000375	.0041102	.0000273	.0001516
%RSD	99.58130	166.5697	15.47511	4.547588	51.03561	4.532524	4.157110
#1	.0001787	.000226	.0025750	.0007979	.0051473	.0006217	.0037527
#2	.0000310	-.002773	.0032078	.0008509	.0109601	.0005831	.0035384
Check ?	None	None	None	None	None	None	None
Value							
Range							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0042196	-.000960	.0004325
Stddev	.0030010	.000444	.0004250
%RSD	71.12008	46.20780	98.26833
#1	.0063416	-.000646	.0001320
#2	.0020976	-.001274	.0007330
Check ?	None	None	None
Value			
Range			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1380.021	652.7671	4540.208	4123.467
Stddev	12.430	11.4129	22.628	14.103
%RSD	.9006972	1.748382	.4983896	.3420212
#1	1388.811	660.8372	4556.209	4113.495
#2	1371.232	644.6969	4524.208	4133.440

Sample Name: ICV Acquired: 11/26/2021 14:27:01 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3827671	37.60849	.3993241	.4143429	.3905122	.3944192
Stddev	.0006309	.55920	.0073565	.0022396	.0049824	.0019898
%RSD	.1648255	1.486896	1.842245	.5405188	1.275867	.5044928
#1	.3823210	37.21308	.3941223	.4127593	.3869891	.3930122
#2	.3832132	38.00391	.4045260	.4159266	.3940353	.3958262
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4079131	18.95937	.4064382	F .0662783	.4161551	.3796658
Stddev	.0017422	.00055	.0038257	.0104904	.0045660	.0034093
%RSD	.4270950	.0029248	.9412712	15.82776	1.097190	.8979672
#1	.4066812	18.95898	.4037330	.0736961	.4129264	.3772551
#2	.4091450	18.95977	.4091433	.0588605	.4193837	.3820765
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.4000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4065531	20.12354	41.01363	3.194579	20.08632	3.822624
Stddev	.0012567	.16426	.81728	.078901	.36789	.022074
%RSD	.3091044	.8162402	1.992697	2.469841	1.831534	.5774546
#1	.4074417	20.00739	40.43573	3.138788	19.82618	3.807016
#2	.4056645	20.23969	41.59153	3.250371	20.34646	3.838233
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 11/26/2021 14:27:01 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3800721**	**20.34593**	**.4123700**	**.4176971**	**.4032258**	**.4037206**
Stddev	.0021355	.46758	.0027697	.0047846	.0037257	.0014318
%RSD	.5618660	2.298131	.6716624	1.145483	.9239825	.3546572
#1	.3785621	20.01530	.4104115	.4143138	.4005913	.4027081
#2	.3815821	20.67655	.4143285	.4210804	.4058603	.4047331
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.3430278**	**.4059584**	**.3962720**	**.3850753**	**.4129881**	**3.913315**
Stddev	.0021791	.0023131	.0002941	.0001293	.0025892	.003804
%RSD	.6352696	.5697997	.0742064	.0335828	.6269388	.0972154
#1	.3414870	.4043228	.3964799	.3851668	.4111573	3.910625
#2	.3445687	.4075941	.3960641	.3849839	.4148189	3.916005
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.4000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**.4296413**
Stddev	.0052018
%RSD	1.210727
#1	.4259631
#2	.4333195
Check ?	Chk Pass
Value	
Range	

Sample Name: ICV Acquired: 11/26/2021 14:27:01 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1565.024	691.3618	4794.671	4303.750
Stddev	3.814	2.7531	15.327	11.870
%RSD	.2436749	.3982077	.3196661	.2757969
#1	1562.327	689.4151	4783.833	4312.143
#2	1567.721	693.3085	4805.508	4295.357

Sample Name: ICB Acquired: 11/26/2021 14:30:07 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007102**	**.0485290**	**-.001618**	**.0013054**	**.0000086**	**-.000118**
Stddev	.0011446	.0160636	.001769	.0004662	.0000412	.000009
%RSD	161.1659	33.10096	109.3634	35.71567	478.0786	7.364604
#1	.0015195	.0371704	-.000367	.0016350	-.000021	-.000112
#2	-.000099	.0598877	-.002869	.0009757	.000038	-.000124
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001330**	**-.014627**	**.0002411**	F **-.005306**	**-.000314**	**.0007879**
Stddev	.001298	.001970	.0000385	.003218	.000097	.0000357
%RSD	97.63721	13.46731	15.97380	60.63894	30.84543	4.527524
#1	-.002248	-.013235	.0002683	-.003031	-.000383	.0008131
#2	-.000412	-.016020	.0002138	-.007582	-.000246	.0007627
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016219**	**.0117112**	**.0153579**	**.0004859**	**-.004583**	**.0004700**
Stddev	.0003675	.0107856	.0051670	.0001170	.001617	.0001565
%RSD	22.65648	92.09703	33.64399	24.07112	35.28987	33.29708
#1	.0018817	.0040846	.0117043	.0005686	-.003439	.0005807
#2	.0013621	.0193377	.0190115	.0004032	-.005726	.0003593
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICB Acquired: 11/26/2021 14:30:07 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000074**	**.0088484**	**.0012181**	**-.002469**	**-.000563**	**.0030702**
Stddev	.0003185	.0025435	.0005874	.001294	.001080	.0019492
%RSD	4277.479	28.74480	48.22783	52.40495	191.9324	63.48994
#1	-.000218	.0070499	.0008027	-.003383	.000201	.0044485
#2	.000233	.0106469	.0016335	-.001554	-.001326	.0016918
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004287**	**.0018123**	**.0000191**	**.0004511**	**.0031946**	**.0004316**
Stddev	.0002358	.0001562	.0000087	.0000660	.0027325	.0000448
%RSD	55.00844	8.617330	45.71423	14.62095	85.53535	10.38506
#1	.0005954	.0019228	.0000129	.0004044	.0012624	.0003999
#2	.0002619	.0017019	.0000253	.0004977	.0051268	.0004633
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**-.000703**
Stddev	.000637
%RSD	90.64084
#1	-.001154
#2	-.000252
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: ICB Acquired: 11/26/2021 14:30:07 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1763.944	703.5359	4966.403	4327.022
Stddev	4.031	2.1789	33.006	43.231
%RSD	.2285440	.3097038	.6645909	.9990990
#1	1761.093	701.9952	4943.064	4357.591
#2	1766.794	705.0766	4989.742	4296.452

Sample Name: ICVL Acquired: 11/26/2021 14:33:25 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042261	.2371345	.0096127	.0516260	.0103376	.0037676
Stddev	.0010318	.0058525	.0022266	.0011148	.0001166	.0000371
%RSD	24.41572	2.467988	23.16253	2.159400	1.127702	.9843202
#1	.0049557	.2329962	.0111872	.0508377	.0102552	.0037413
#2	.0034965	.2412728	.0080383	.0524143	.0104201	.0037938
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0516365	.1770536	.0021280	F .0010141	.0047048	.0095988
Stddev	.0001130	.0002777	.0000440	.0020702	.0000767	.0006156
%RSD	.2188631	.1568187	2.068534	204.1441	1.630992	6.413392
#1	.0515566	.1772499	.0020969	-.000450	.0047590	.0091635
#2	.0517164	.1768572	.0021592	.002478	.0046505	.0100341
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				-30.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120691	.1770197	.5580681	.0107134	.0870710	.0098430
Stddev	.0000114	.0184890	.0035264	.0001741	.0053711	.0003798
%RSD	.0947064	10.44460	.6318884	1.625058	6.168673	3.858607
#1	.0120610	.1639460	.5555746	.0105903	.0908690	.0095744
#2	.0120771	.1900934	.5605616	.0108366	.0832730	.0101116
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICVL Acquired: 11/26/2021 14:33:25 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096614	1.086749	.0113913	.0038227	.0201740	.0115483
Stddev	.0004064	.024736	.0012838	.0005353	.0002028	.0023078
%RSD	4.206703	2.276113	11.27017	14.00266	1.005368	19.98394
#1	.0093740	1.069259	.0122990	.0042012	.0203175	.0131801
#2	.0099488	1.104240	.0104835	.0034442	.0200306	.0099164
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .1330937	.0405116	.0052327	.0050506	.0114751	.0051316
Stddev	.0019547	.0017935	.0000123	.0000766	.0008717	.0003596
%RSD	1.468694	4.427213	.2344167	1.516159	7.596376	7.008476
#1	.1317115	.0392434	.0052413	.0049965	.0120914	.0053859
#2	.1344760	.0417798	.0052240	.0051048	.0108587	.0048773
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.2000000					
Range	-30.0000%					

Elem	Zn2062
Units	ppm
Avg	.0206223
Stddev	.0011080
%RSD	5.372801
#1	.0198388
#2	.0214058
Check ?	Chk Pass
Value	
Range	

Sample Name: ICVL Acquired: 11/26/2021 14:33:25 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1758.288	709.1154	4982.925	4316.637
Stddev	16.493	9.5168	10.906	33.598
%RSD	.9380339	1.342065	.2188621	.7783397
#1	1769.951	715.8448	4975.213	4340.395
#2	1746.626	702.3860	4990.636	4292.880

Sample Name: CRI Acquired: 11/26/2021 14:37:00 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0096664**	**.4235000**	**.0195675**	**.1033640**	**.0206241**	**.0078874**
Stddev	.0002612	.0033004	.0017448	.0000197	.0000292	.0000664
%RSD	2.702290	.7793220	8.917018	.0190321	.1414938	.8415389
#1	.0098511	.4211663	.0183337	.1033779	.0206035	.0078405
#2	.0094817	.4258338	.0208012	.1033501	.0206448	.0079343
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0995427**	**.3643793**	**.0043405**	F **.0017682**	**.0099965**	**.0194593**
Stddev	.0007899	.0046333	.0000943	.0003762	.0003022	.0000374
%RSD	.7935244	1.271551	2.173165	21.27706	3.023205	.1923122
#1	.1001013	.3611031	.0044072	.0020343	.0097828	.0194858
#2	.0989842	.3676555	.0042738	.0015022	.0102102	.0194329
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0100000		
Range				-50.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0229333**	**.4030390**	**1.100391**	**.0194824**	**.1940265**	**.0202316**
Stddev	.0000943	.0438975	.027159	.0002403	.0068472	.0002486
%RSD	.4110554	10.89162	2.468139	1.233660	3.529009	1.228596
#1	.0228666	.3719988	1.119596	.0196523	.1891848	.0200558
#2	.0229999	.4340792	1.081187	.0193124	.1988683	.0204074
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CRI Acquired: 11/26/2021 14:37:00 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0194256**	**2.112700**	**.0205233**	**.0078870**	**.0412575**	**.0235413**
Stddev	.0001373	.026650	.0002398	.0018236	.0020173	.0031040
%RSD	.7068095	1.261412	1.168496	23.12146	4.889516	13.18531
#1	.0193285	2.131545	.0206928	.0091765	.0426840	.0213464
#2	.0195226	2.093856	.0203537	.0065975	.0398311	.0257362
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2848841**	**.0789850**	**.0104730**	**.0099906**	**.0209414**	**.0105298**
Stddev	.0024943	.0004356	.0000133	.0000944	.0003175	.0001573
%RSD	.8755633	.5515376	.1268159	.9443535	1.516343	1.493647
#1	.2831203	.0786770	.0104636	.0100573	.0207169	.0106410
#2	.2866479	.0792930	.0104824	.0099239	.0211660	.0104186
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	**.0410095**
Stddev	.0008729
%RSD	2.128463
#1	.0403922
#2	.0416267
Check ?	Chk Pass
Value	
Range	

Sample Name: CRI Acquired: 11/26/2021 14:37:00 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1763.977	714.7722	4979.301	4324.241
Stddev	7.549	2.8238	11.661	18.830
%RSD	.4279300	.3950568	.2341823	.4354416
#1	1769.314	716.7689	4987.546	4310.927
#2	1758.639	712.7755	4971.055	4337.556

Sample Name: ICSA Acquired: 11/26/2021 14:40:34 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005264	534.6004	.0001601	-.000914	.0077706	.0018265
Stddev	.0016612	.4131	.0023740	.001577	.0000406	.0000031
%RSD	315.6002	.0772728	1482.946	172.6011	.5222512	.1681695
#1	.0017010	534.3083	.0018387	.000201	.0077994	.0018243
#2	-.000648	534.8925	-.001519	-.002029	.0077420	.0018287
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043633	510.8226	.0004554	F .1232447	.0000324	-.000832
Stddev	.0000225	11.5849	.0002050	.0038547	.0002096	.001410
%RSD	.5149204	2.267893	45.01324	3.127655	647.0698	169.5368
#1	.0043474	502.6308	.0003104	.1259704	.0001806	.000165
#2	.0043792	519.0144	.0006004	.1205191	-.000116	-.001828
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012605	202.0702	-.003238	.0012951	483.1998	.0025244
Stddev	.0001526	3.2083	.004585	.0000526	2.9519	.0002523
%RSD	12.11013	1.587698	141.5896	4.059223	.6108986	9.993395
#1	.0011525	199.8016	-.006481	.0013323	481.1126	.0023461
#2	.0013684	204.3388	.000004	.0012580	485.2871	.0027028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA Acquired: 11/26/2021 14:40:34 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005513	.0362177	.0017649	.0042782	-.008144	.0031913
Stddev	.0005140	.0019697	.0002563	.0024748	.000269	.0045405
%RSD	93.23871	5.438453	14.51937	57.84644	3.308035	142.2759
#1	.0001878	.0376105	.0015837	.0060281	-.008334	.0064019
#2	.0009147	.0348250	.0019461	.0025282	-.007953	-.000019
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015591	.0122334	.0019858	.0029076	-.000234	-.000661
Stddev	.001735	.0012064	.0001093	.0000140	.005720	.001410
%RSD	11.12877	9.861313	5.503455	.4833726	2446.272	213.4816
#1	-.014364	.0130864	.0020631	.0029176	.003811	-.001658
#2	-.016817	.0113803	.0019085	.0028977	-.004279	.000337
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0007111
Stddev	.0010342
%RSD	145.4301
#1	-.000020
#2	.001442
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: ICSA Acquired: 11/26/2021 14:40:34 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1211.895	607.2339	4225.720	3835.505
Stddev	1.250	.8163	10.161	27.242
%RSD	.1031249	.1344253	.2404573	.7102566
#1	1211.012	606.6567	4232.905	3816.242
#2	1212.779	607.8111	4218.535	3854.768

Sample Name: ICSAB Acquired: 11/26/2021 14:43:50 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2233515	547.0023	.0958600	-.000770	.5261828	.5774161
Stddev	.0002034	8.5994	.0026395	.000313	.0059472	.0102364
%RSD	.0910567	1.572104	2.753451	40.65777	1.130250	1.772792
#1	.2232076	540.9216	.0939936	-.000991	.5219775	.5701779
#2	.2234953	553.0830	.0977264	-.000549	.5303880	.5846544
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038156	509.0616	1.086987	F .1495496	.5274206	.4495021
Stddev	.0025922	7.7728	.008533	.0029789	.0031052	.0015894
%RSD	67.93578	1.526894	.7849850	1.991910	.5887503	.3535797
#1	.0019827	503.5653	1.080953	.1516560	.5252249	.4506260
#2	.0056485	514.5578	1.093020	.1474432	.5296163	.4483783
Check ?	None	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.2000000		
Range				-20.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5696511	201.1359	-.021188	.0014360	488.7196	.5080144
Stddev	.0064779	3.1801	.010913	.0001220	6.5019	.0075417
%RSD	1.137172	1.581068	51.50385	8.495948	1.330402	1.484552
#1	.5650705	198.8872	-.028905	.0015223	484.1220	.5026816
#2	.5742317	203.3845	-.013472	.0013497	493.3171	.5133472
Check ?	Chk Pass	Chk Pass	None	None	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICSAB Acquired: 11/26/2021 14:43:50 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000027**	**.0411641**	**1.019268**	**.0543703**	**.5753893**	**.0486035**
Stddev	.000128	.0012230	.005243	.0029485	.0027127	.0031474
%RSD	482.3084	2.970903	.5143577	5.423045	.4714452	6.475628
#1	-.000117	.0402994	1.015561	.0522854	.5734712	.0508291
#2	.000064	.0420289	1.022975	.0564552	.5773075	.0463780
Check ?	None	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000812**	**.0136793**	**.0018337**	**.0031094**	**.0925797**	**.4696040**
Stddev	.000864	.0039458	.0001158	.0002199	.0045630	.0008857
%RSD	106.3553	28.84532	6.316447	7.073441	4.928734	.1886056
#1	-.000201	.0164694	.0019156	.0032649	.0958062	.4689777
#2	-.001423	.0108892	.0017518	.0029538	.0893532	.4702303
Check ?	None	None	None	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	**1.038932**
Stddev	.000113
%RSD	.0109014
#1	1.038852
#2	1.039012
Check ?	Chk Pass
Value	
Range	

Sample Name: ICSAB Acquired: 11/26/2021 14:43:50 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1211.438	600.8841	4232.766	3752.885
Stddev	11.326	6.3302	49.094	3.285
%RSD	.9348862	1.053475	1.159860	.0875419
#1	1219.446	605.3602	4267.480	3755.208
#2	1203.429	596.4080	4198.051	3750.562

Sample Name: CCV Acquired: 11/26/2021 14:46:59 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5023515**	**49.15749**	**.5092714**	**.5157998**	**.5053474**	**.5172374**
Stddev	.0008100	.67041	.0109914	.0071823	.0064510	.0038953
%RSD	.1612309	1.363809	2.158257	1.392453	1.276557	.7530917
#1	.5029242	48.68344	.5170435	.5208784	.5007858	.5144831
#2	.5017788	49.63155	.5014994	.5107212	.5099090	.5199918
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5250763**	**24.20734**	**.5143583**	F **.0895827**	**.5280476**	**.4846568**
Stddev	.0051749	.04206	.0075276	.0002047	.0071805	.0013968
%RSD	.9855476	.1737422	1.463491	.2284684	1.359820	.2882078
#1	.5287355	24.23708	.5196811	.0894380	.5331250	.4856445
#2	.5214171	24.17760	.5090355	.0897274	.5229702	.4836691
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5094085**	**24.77780**	**52.31698**	**4.057506**	**25.43954**	**4.963880**
Stddev	.0031246	.22410	.39758	.055413	.41827	.022738
%RSD	.6133800	.9044260	.7599427	1.365680	1.644176	.4580787
#1	.5071991	24.61934	52.03585	4.018324	25.14378	4.947801
#2	.5116179	24.93626	52.59811	4.096689	25.73530	4.979959
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/26/2021 14:46:59 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4815991**	**26.00227**	**.5238360**	**.5218610**	**.4815992**	**.5058193**
Stddev	.0087682	.28850	.0038592	.0051622	.0089585	.0046859
%RSD	1.820641	1.109535	.7367223	.9891992	1.860161	.9263984
#1	.4877991	25.79826	.5265649	.5255112	.4879338	.5091327
#2	.4753990	26.20627	.5211071	.5182107	.4752646	.5025059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.2900621**	**.5168495**	**.4964224**	**.4814273**	**.5140441**	**4.887294**
Stddev	.0041655	.0028828	.0010038	.0000967	.0036212	.015974
%RSD	1.436059	.5577716	.2022059	.0200885	.7044585	.3268374
#1	.2930075	.5188880	.4957126	.4814957	.5166047	4.898589
#2	.2871166	.5148110	.4971321	.4813589	.5114835	4.875999
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**.5304185**
Stddev	.0053157
%RSD	1.002173
#1	.5341773
#2	.5266597
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/26/2021 14:46:59 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1525.459	675.2155	4753.739	4161.159
Stddev	17.961	9.2704	22.910	20.629
%RSD	1.177411	1.372955	.4819451	.4957584
#1	1512.758	668.6603	4769.939	4175.746
#2	1538.159	681.7707	4737.539	4146.571

Sample Name: CCB Acquired: 11/26/2021 14:50:05 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000032**	**.0550822**	**.0018395**	**.0013967**	**.0000935**	**-.000102**	**-.001578**
Stddev	.000250	.0044752	.0000761	.0004677	.0000601	.000022	.000334
%RSD	776.7954	8.124585	4.137659	33.48626	64.36083	21.26259	21.16344
#1	-.000209	.0582466	.0017857	.0010660	.0001360	-.000087	-.001814
#2	.000145	.0519177	.0018933	.0017274	.0000509	-.000117	-.001342
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.006526**	**.0003354**	**-.002575**	**-.000204**	**.0004645**	**.0017144**	**-.020222**
Stddev	.001212	.0002371	.001838	.000263	.0016086	.0000384	.031518
%RSD	18.57138	70.67784	71.37233	128.7017	346.2779	2.240799	155.8609
#1	-.007382	.0005031	-.001276	-.000018	.0016020	.0016872	-.042508
#2	-.005669	.0001678	-.003875	-.000390	-.000673	.0017416	.002065
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0082897**	**.0004424**	**-.010546**	**.0007317**	**.0002656**	**.0089473**	**.0007934**
Stddev	.0127254	.0000155	.011008	.0002017	.0000863	.0026773	.0004146
%RSD	153.5089	3.501221	104.3797	27.56841	32.49449	29.92247	52.26220
#1	-.000709	.0004534	-.002762	.0008743	.0003267	.0070542	.0010866
#2	.017288	.0004315	-.018330	.0005891	.0002046	.0108404	.0005002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 11/26/2021 14:50:05 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001591	.0029429	.0020213	-.002994	.0023814	.0000297	.0003137
Stddev	.000874	.0005449	.0016727	.000212	.0003662	.0000022	.0002422
%RSD	54.96243	18.51534	82.75645	7.095120	15.37973	7.248831	77.19406
#1	-.002209	.0033282	.0032041	-.003144	.0026404	.0000282	.0001425
#2	-.000972	.0025576	.0008385	-.002843	.0021224	.0000312	.0004850
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0020694	.0003606	-.000480
Stddev	.0002136	.0002903	.000244
%RSD	10.32335	80.50174	50.77149
#1	.0019183	.0005658	-.000652
#2	.0022205	.0001553	-.000308
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1772.561	711.8029	5027.832	4278.965
Stddev	.350	4.8977	21.626	9.766
%RSD	.0197417	.6880631	.4301207	.2282256
#1	1772.809	708.3398	5012.540	4285.871
#2	1772.314	715.2661	5043.123	4272.060

Sample Name: MRL Acquired: 11/26/2021 14:53:22 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0050792**	**.2309520**	**.0100993**	**.0508606**	**.0104314**	**.0038858**
Stddev	.0000062	.0051505	.0005782	.0000071	.0000531	.0001874
%RSD	.1214182	2.230098	5.725054	.0139363	.5091591	4.821923
#1	.0050835	.2345940	.0105082	.0508656	.0103938	.0040183
#2	.0050748	.2273101	.0096905	.0508556	.0104689	.0037533
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0500704**	**.1783198**	**.0022411**	F **-.007400**	**.0050328**	**.0108211**
Stddev	.0004760	.0082387	.0001567	.004863	.0001136	.0016129
%RSD	.9506014	4.620171	6.991429	65.70958	2.256456	14.90512
#1	.0497338	.1724942	.0021303	-.010839	.0051131	.0119616
#2	.0504069	.1841454	.0023519	-.003962	.0049525	.0096806
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				-30.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0119967**	**.2420786**	**.5421992**	**.0105394**	**.0762267**	**.0102377**
Stddev	.0001389	.0184859	.0007116	.0000895	.0028391	.0000982
%RSD	1.157702	7.636333	.1312368	.8492587	3.724485	.9592534
#1	.0120949	.2551501	.5427023	.0106027	.0782343	.0103071
#2	.0118985	.2290071	.5416960	.0104761	.0742192	.0101682
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: MRL Acquired: 11/26/2021 14:53:22 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097899	1.053020	.0117609	.0042112	.0218160	.0099978
Stddev	.0000956	.002443	.0000181	.0014306	.0003535	.0003972
%RSD	.9762917	.2319882	.1538113	33.97111	1.620443	3.972457
#1	.0097223	1.054747	.0117737	.0031996	.0215660	.0097169
#2	.0098575	1.051292	.0117481	.0052228	.0220660	.0102786
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .1288084	.0397812	.0052398	.0048973	.0121203	.0044268
Stddev	.0019748	.0011355	.0000234	.0000063	.0005179	.0005167
%RSD	1.533109	2.854252	.4463687	.1292912	4.273145	11.67290
#1	.1274120	.0389783	.0052563	.0049017	.0117541	.0047921
#2	.1302047	.0405841	.0052233	.0048928	.0124866	.0040614
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.2000000					
Range	-30.0000%					

Elem	Zn2062
Units	ppm
Avg	.0210974
Stddev	.0000399
%RSD	.1891356
#1	.0211257
#2	.0210692
Check ?	Chk Pass
Value	
Range	

Sample Name: MRL Acquired: 11/26/2021 14:53:22 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1768.292	720.1730	5019.592	4304.873
Stddev	17.243	6.3567	23.540	15.429
%RSD	.9751331	.8826582	.4689702	.3584125
#1	1780.485	724.6679	5002.946	4293.963
#2	1756.099	715.6782	5036.237	4315.783

Sample Name: MRL Acquired: 11/26/2021 14:56:57 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0055569**	**.2273067**	**.0104538**	**.0499179**	**.0101735**	**.0037630**
Stddev	.0011393	.0004289	.0032336	.0005714	.0000651	.0001931
%RSD	20.50288	.1886790	30.93253	1.144674	.6398983	5.132175
#1	.0047513	.2270034	.0127403	.0495139	.0101275	.0036265
#2	.0063626	.2276099	.0081672	.0503220	.0102196	.0038996
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0483793**	**.1712010**	**.0022138**	F **-.002955**	**.0046419**	**.0088744**
Stddev	.0012535	.0021830	.0000246	.001094	.0001094	.0004481
%RSD	2.590946	1.275095	1.109493	37.01808	2.357294	5.049408
#1	.0474929	.1696574	.0022311	-.002182	.0045645	.0091913
#2	.0492656	.1727446	.0021964	-.003729	.0047193	.0085576
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				-30.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0119004**	**.1639938**	**.5369466**	**.0104110**	**.0959165**	**.0102590**
Stddev	.0009707	.0256226	.0095843	.0001339	.0064651	.0001350
%RSD	8.156631	15.62410	1.784954	1.286352	6.740313	1.316238
#1	.0125867	.1821117	.5437236	.0105057	.0913450	.0101635
#2	.0112140	.1458759	.5301695	.0103163	.1004880	.0103545
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: MRL Acquired: 11/26/2021 14:56:57 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096925	1.039181	.0114732	F .0034307	.0207762	.0122919
Stddev	.0006623	.002209	.0003505	.0002849	.0024601	.0017545
%RSD	6.833302	.2126137	3.055202	8.302977	11.84120	14.27394
#1	.0092242	1.040743	.0112254	.0036321	.0225158	.0135326
#2	.0101609	1.037619	.0117211	.0032293	.0190366	.0110513
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				-30.0000%		

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .1262617	.0411406	.0052655	.0048145	.0114130	.0046114
Stddev	.0000798	.0004859	.0000646	.0000419	.0052614	.0005292
%RSD	.0632264	1.181146	1.227685	.8691748	46.10013	11.47594
#1	.1263181	.0407970	.0053112	.0048441	.0076926	.0042372
#2	.1262052	.0414842	.0052198	.0047849	.0151333	.0049856
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.2000000					
Range	-30.0000%					

Elem	Zn2062
Units	ppm
Avg	.0201364
Stddev	.0006923
%RSD	3.437998
#1	.0206260
#2	.0196469
Check ?	Chk Pass
Value	
Range	

Sample Name: MRL Acquired: 11/26/2021 14:56:57 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1765.572	720.0473	4994.343	4351.711
Stddev	12.855	10.4723	39.341	21.218
%RSD	.7280774	1.454394	.7877042	.4875764
#1	1774.662	727.4523	4966.525	4336.708
#2	1756.483	712.6422	5022.161	4366.715

Sample Name: LRC Acquired: 11/26/2021 15:00:32 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010361	.0211583	-.002608	5.098533	5.027646	4.971668
Stddev	.0002545	.0016175	.001469	.029115	.081658	.063217
%RSD	24.56001	7.644839	56.34750	.5710454	1.624177	1.271542
#1	.0012161	.0200145	-.001569	5.077946	4.969905	4.926967
#2	.0008562	.0223020	-.003646	5.119120	5.085386	5.016369
Check ?	None	None	None	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.017462	.0032840	4.923940	.1225661	2.018286	1.983536
Stddev	.009851	.0014699	.014376	.0098744	.000263	.004114
%RSD	.1963288	44.75934	.2919671	8.056348	.0130404	.2073829
#1	5.010497	.0022446	4.913775	.1155839	2.018472	1.980627
#2	5.024428	.0043234	4.934106	.1295483	2.018099	1.986444
Check ?	Chk Pass	None	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.003740	.1096006	.0083929	5.093435	-.038438	4.949284
Stddev	.000482	.0569114	.0077176	.014922	.014873	.070849
%RSD	.0240591	51.92622	91.95412	.2929679	38.69227	1.431498
#1	2.003400	.0693581	.0138500	5.082883	-.027922	4.899186
#2	2.004081	.1498430	.0029357	5.103986	-.048955	4.999382
Check ?	Chk Pass	None	None	Chk Pass	None	Chk Pass
Value						
Range						

Sample Name: LRC Acquired: 11/26/2021 15:00:32 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.440645**	**.0172638**	**5.095125**	**5.105524**	**5.058987**	**5.031722**
Stddev	.006286	.0003429	.008314	.009316	.036803	.016828
%RSD	.4363313	1.985919	.1631697	.1824605	.7274744	.3344341
#1	1.436201	.0170214	5.089246	5.098937	5.032963	5.019823
#2	1.445090	.0175063	5.101003	5.112111	5.085010	5.043621
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **3.788411**	**4.940852**	**1.947523**	**1.928065**	**5.053134**	**5.030977**
Stddev	.038957	.003847	.003323	.000167	.005068	.016162
%RSD	1.028322	.0778578	.1706451	.0086663	.1002922	.3212490
#1	3.760864	4.943572	1.949873	1.928183	5.056718	5.019548
#2	3.815957	4.938132	1.945173	1.927947	5.049551	5.042405
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	5.000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**5.113167**
Stddev	.006991
%RSD	.1367296
#1	5.118111
#2	5.108224
Check ?	Chk Pass
Value	
Range	

Sample Name: LRC Acquired: 11/26/2021 15:00:32 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1671.183	700.3341	4892.795	4273.790
Stddev	2.085	3.3774	9.086	11.211
%RSD	.1247368	.4822553	.1857047	.2623109
#1	1672.657	702.7223	4886.370	4265.863
#2	1669.709	697.9459	4899.220	4281.717

Sample Name: 500-208204-h-1-c@5 Acquired: 11/26/2021 15:04:05 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005665	.1367910	.0488040	2.845361	.0047645	.0003776
Stddev	.0000904	.0058812	.0027402	.024623	.0000078	.0000325
%RSD	15.96310	4.299409	5.614640	.8653594	.1627058	8.610219
#1	.0006304	.1326323	.0468664	2.827951	.0047590	.0003546
#2	.0005025	.1409496	.0507416	2.862772	.0047700	.0004005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003741	.2930376	.0006679	.0075777	.0024485	.0070876
Stddev	.001924	.0020181	.0002394	.0037051	.0004894	.0003797
%RSD	51.44021	.6886874	35.83833	48.89450	19.98779	5.357674
#1	-.005101	.2944646	.0004987	.0049578	.0027945	.0068191
#2	-.002380	.2916106	.0008372	.0101976	.0021024	.0073561
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075828	.1114171	44.01778	.0036066	1.469895	.0014623
Stddev	.0002685	.0543705	.12818	.0001142	.003033	.0001188
%RSD	3.541420	48.79904	.2912094	3.165241	.2063208	8.124786
#1	.0073930	.1498628	44.10842	.0035259	1.472039	.0015463
#2	.0077727	.0729714	43.92714	.0036873	1.467750	.0013783
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208204-h-1-c@5 Acquired: 11/26/2021 15:04:05 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1055013	F 1021.627	.2042545	-.002599	.0013231	.0075637
Stddev	.0003136	32.853	.0000505	.000056	.0017044	.0037566
%RSD	.2972869	3.215724	.0247140	2.148433	128.8136	49.66605
#1	.1052795	998.397	.2042188	-.002559	.0025283	.0102200
#2	.1057230	1044.858	.2042902	-.002638	.0001180	.0049074
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8582143	.0075602	.0784442	.0090612	.0018907	.0359933
Stddev	.0012780	.0014060	.0001875	.0003097	.0008452	.0007089
%RSD	.1489141	18.59705	.2390045	3.418296	44.70418	1.969453
#1	.8591179	.0085544	.0785768	.0092802	.0012930	.0354921
#2	.8573106	.0065661	.0783116	.0088422	.0024883	.0364946
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0008701
Stddev	.0003721
%RSD	42.76865
#1	.0006070
#2	.0011333
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208204-h-1-c@5 Acquired: 11/26/2021 15:04:05 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1200.873	594.7085	4032.329	3956.613
Stddev	8.595	8.3187	11.002	5.504
%RSD	.7157429	1.398781	.2728530	.1391061
#1	1206.951	600.5907	4024.549	3952.721
#2	1194.795	588.8263	4040.109	3960.505

Sample Name: 500-208204-h-1-c@10 Acquired: 11/26/2021 15:07:25 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000078	.1135626	.0223141	1.545819	.0025170	-.000100	-.003890
Stddev	.0008112	.0028931	.0034059	.009994	.0000171	.000071	.000221
%RSD	10366.38	2.547581	15.26337	.6465251	.6784906	70.92537	5.690429
#1	-.000566	.1115168	.0199058	1.552885	.0025291	-.000149	-.003734
#2	.000581	.1156083	.0247224	1.538752	.0025050	-.000050	-.004047
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1535204	.0003714	-.000412	.0013564	.0046640	.0061255	.1013709
Stddev	.0046567	.0001231	.005046	.0007100	.0003326	.0001282	.0426931
%RSD	3.033262	33.15066	1225.660	52.34331	7.130808	2.093340	42.11580
#1	.1502276	.0002844	.003157	.0008544	.0048991	.0062161	.1315595
#2	.1568131	.0004585	-.003980	.0018584	.0044288	.0060348	.0711822
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.94082	.0020781	.7939335	.0005349	.0553446	589.2395	.1072135
Stddev	.18670	.0000143	.0130104	.0006843	.0007777	19.7590	.0000499
%RSD	.7798365	.6896921	1.638731	127.9403	1.405125	3.353297	.0465264
#1	24.07284	.0020679	.7847338	.0010188	.0547947	575.2678	.1071782
#2	23.80880	.0020882	.8031333	.0000510	.0558945	603.2112	.1072488
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208204-h-1-c@10 Acquired: 11/26/2021 15:07:25 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002113	.0001825	.0094288	.4351501	.0038870	.0421127	.0047110
Stddev	.001648	.0023162	.0002458	.0025769	.0013815	.0001658	.0001970
%RSD	77.97235	1269.430	2.607285	.5921909	35.54046	.3936452	4.182669
#1	-.000948	-.001455	.0092549	.4369723	.0048639	.0422299	.0048504
#2	-.003278	.001820	.0096026	.4333280	.0029102	.0419955	.0045717
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0015541	.0192648	-.000673
Stddev	.0001832	.0003766	.000482
%RSD	11.78696	1.954924	71.65602
#1	.0016837	.0189985	-.000332
#2	.0014246	.0195311	-.001014
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1310.498	613.8360	4208.592	3997.278
Stddev	4.192	3.5243	19.781	10.493
%RSD	.3198838	.5741500	.4700208	.2625088
#1	1307.534	611.3439	4222.580	4004.697
#2	1313.462	616.3281	4194.605	3989.858

Sample Name: 500-208462-b-6-c@5 Acquired: 11/26/2021 15:10:46 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000011	.0954670	-.002875	.0384261	.0356159	.0004613
Stddev	.000041	.0000406	.003725	.0012287	.0006162	.0001132
%RSD	377.5378	.0425089	129.5592	3.197453	1.730162	24.53528
#1	-.000039	.0954958	-.000241	.0392949	.0351801	.0005413
#2	.000018	.0954384	-.005510	.0375573	.0360516	.0003812
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002604	156.3236	.0002864	.0451503	.0014980	.0731211
Stddev	.001854	1.7407	.0001746	.0011082	.0006185	.0014711
%RSD	71.20042	1.113548	60.95895	2.454492	41.28494	2.011929
#1	-.003915	155.0927	.0004098	.0443667	.0019354	.0741614
#2	-.001293	157.5545	.0001629	.0459340	.0010607	.0720809
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3496108	41.62726	.8183100	.0039283	1.417876	.3822368
Stddev	.0013563	.54311	.0006676	.0001136	.006271	.0059452
%RSD	.3879428	1.304693	.0815821	2.892552	.4422458	1.555367
#1	.3486517	41.24322	.8178379	.0038479	1.413442	.3780329
#2	.3505698	42.01129	.8187820	.0040086	1.422310	.3864407
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208462-b-6-c@5 Acquired: 11/26/2021 15:10:46 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000684**	**3.494873**	**.0140829**	**.0129488**	**.0004741**	**-.001147**
Stddev	.000588	.013012	.0010597	.0004796	.0016111	.001538
%RSD	85.98957	.3723272	7.524603	3.703845	339.7957	134.1388
#1	-.001100	3.485672	.0148322	.0132879	.0016134	-.000059
#2	-.000268	3.504075	.0133336	.0126097	-.000665	-.002234
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3447485**	**.0136968**	F **5.577833**	**.0081074**	**.0008264**	**.0001643**
Stddev	.0045474	.0023297	.024465	.0000605	.0008931	.0007201
%RSD	1.319048	17.00934	.4386167	.7462781	108.0701	438.1824
#1	.3479640	.0120495	5.595132	.0081501	.0001949	-.000345
#2	.3415330	.0153442	5.560533	.0080646	.0014579	.000673
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			2.000000			
Low Limit			-.005000			

Elem	Zn2062
Units	ppm
Avg	**.7934613**
Stddev	.0181018
%RSD	2.281368
#1	.8062611
#2	.7806614
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208462-b-6-c@5 Acquired: 11/26/2021 15:10:46 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1512.496	638.7174	4515.608	4067.097
Stddev	10.898	8.9962	24.771	15.493
%RSD	.7205282	1.408474	.5485537	.3809371
#1	1520.202	645.0787	4533.123	4078.053
#2	1504.790	632.3562	4498.092	4056.142

Sample Name: CCV Acquired: 11/26/2021 15:14:04 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4944741**	**48.47696**	**.5088360**	**.5205467**	**.4979398**	**.5076642**
Stddev	.0002471	.45139	.0031893	.0036867	.0064265	.0048144
%RSD	.0499755	.9311409	.6267793	.7082339	1.290609	.9483422
#1	.4946488	48.15778	.5065808	.5179398	.4933956	.5042599
#2	.4942993	48.79614	.5110912	.5231536	.5024840	.5110685
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5235109**	**23.81375**	**.5131132**	F **.0892501**	**.5264381**	**.4753394**
Stddev	.0027998	.25579	.0009763	.0066290	.0025093	.0009548
%RSD	.5348187	1.074108	.1902680	7.427469	.4766605	.2008576
#1	.5215312	23.63288	.5124228	.0845627	.5246638	.4746643
#2	.5254907	23.99462	.5138035	.0939375	.5282125	.4760145
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5252716**	**24.57923**	**51.08826**	**3.957399**	**25.02201**	**4.894867**
Stddev	.0013898	.27867	.37358	.032726	.30416	.046650
%RSD	.2645933	1.133775	.7312352	.8269545	1.215551	.9530363
#1	.5242889	24.38218	50.82410	3.934258	24.80694	4.861880
#2	.5262544	24.77628	51.35241	3.980539	25.23708	4.927853
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/26/2021 15:14:04 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4782323	25.41332	.5186036	.5236408	.4772513	.4997442
Stddev	.0003893	.18029	.0014217	.0032798	.0023654	.0102070
%RSD	.0814087	.7094116	.2741400	.6263516	.4956354	2.042448
#1	.4779571	25.28584	.5175983	.5213216	.4755787	.4925267
#2	.4785076	25.54080	.5196089	.5259599	.4789239	.5069616
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .2939856	.5156565	.5008609	.4832435	.5157126	4.902108
Stddev	.0013960	.0030386	.0006153	.0001280	.0036707	.002359
%RSD	.4748390	.5892645	.1228473	.0264824	.7117685	.0481238
#1	.2929985	.5135079	.5012960	.4833340	.5183081	4.900440
#2	.2949727	.5178051	.5004258	.4831530	.5131170	4.903776
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	.5283691
Stddev	.0011988
%RSD	.2268804
#1	.5275214
#2	.5292167
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/26/2021 15:14:04 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1523.068	673.9263	4644.368	4202.809
Stddev	10.423	3.7064	14.519	5.876
%RSD	.6843457	.5499783	.3126092	.1398005
#1	1530.438	676.5471	4654.634	4206.964
#2	1515.697	671.3054	4634.102	4198.655

Sample Name: CCB Acquired: 11/26/2021 15:17:09 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000020**	**.0440173**	**-.001217**	**.0042363**	**.0000247**	**.0000047**
Stddev	.000433	.0059579	.001475	.0003378	.0000392	.0000198
%RSD	2158.123	13.53533	121.2629	7.973636	158.4684	422.2168
#1	-.000326	.0398044	-.002260	.0044751	.0000524	.0000187
#2	.000286	.0482302	-.000173	.0039974	-.000003	-.000009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001962**	**-.003282**	**.0000051**	F **-.008235**	**.0001642**	**.0003245**
Stddev	.000141	.001340	.0000183	.003577	.0002127	.0003488
%RSD	7.175949	40.83562	360.4498	43.44290	129.5228	107.5053
#1	-.001862	-.002334	.0000180	-.010764	.0000138	.0000778
#2	-.002061	-.004229	-.000008	-.005705	.0003146	.0005711
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019631**	**.0218889**	**.0244992**	**.0008157**	**.0009714**	**.0008154**
Stddev	.0000335	.0625161	.0102283	.0001107	.0190062	.0002443
%RSD	1.705873	285.6065	41.74965	13.57448	1956.561	29.96309
#1	.0019394	-.022317	.0172667	.0008940	.0144108	.0006426
#2	.0019868	.066094	.0317317	.0007374	-.012468	.0009881
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/26/2021 15:17:09 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000180**	**.0199830**	**.0006147**	**-.002859**	**.0024903**	**.0005609**
Stddev	.000231	.0000030	.0001186	.001443	.0008469	.0034614
%RSD	128.7506	.0148777	19.28841	50.47714	34.00950	617.1653
#1	-.000016	.0199851	.0006985	-.003879	.0030892	.0030084
#2	-.000343	.0199809	.0005309	-.001838	.0018914	-.001887
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001786**	**.0006833**	**.0000492**	**.0004348**	**.0013025**	**.0000046**
Stddev	.000074	.0000518	.0000130	.0000459	.0004251	.0007606
%RSD	4.150569	7.586711	26.46078	10.55623	32.63374	16664.02
#1	-.001838	.0007199	.0000584	.0004023	.0010019	-.000533
#2	-.001734	.0006466	.0000400	.0004672	.0016030	.000542
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**-.000230**
Stddev	.000812
%RSD	353.6936
#1	.000345
#2	-.000804
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/26/2021 15:17:09 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1770.771	711.6893	4937.565	4345.603
Stddev	7.252	8.5120	6.064	56.665
%RSD	.4095511	1.196024	.1228105	1.303952
#1	1775.899	717.7082	4941.853	4385.671
#2	1765.643	705.6704	4933.277	4305.535

Sample Name: mb 500-630663/1-a Acquired: 11/26/2021 15:20:28 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002445	.0642893	-.003473	.0029084	.0049416	-.000180	-.013817
Stddev	.0000113	.0042894	.000118	.0005674	.0001081	.000142	.000803
%RSD	4.606118	6.671972	3.389558	19.50775	2.186658	78.86334	5.808707
#1	.0002524	.0612562	-.003556	.0033096	.0048652	-.000280	-.013250
#2	.0002365	.0673223	-.003389	.0025072	.0050180	-.000079	-.014385
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103447	.0008389	-.007860	-.001075	.0051595	.0023441	.2252983
Stddev	.0043995	.0000218	.002421	.000527	.0008327	.0000438	.0301594
%RSD	42.52930	2.592277	30.79892	49.00743	16.13896	1.866201	13.38641
#1	.0134557	.0008236	-.009572	-.000702	.0057484	.0023132	.2039724
#2	.0072338	.0008543	-.006149	-.001447	.0045707	.0023751	.2466242
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194052	.0002539	-.001884	.0015491	.0013984	.0578152	-.002540
Stddev	.0080439	.0000197	.007115	.0001740	.0005077	.0020644	.000342
%RSD	41.45232	7.778884	377.6366	11.23128	36.30653	3.570645	13.45855
#1	.0137173	.0002678	.003147	.0016721	.0010394	.0563555	-.002299
#2	.0250931	.0002399	-.006915	.0014260	.0017574	.0592750	-.002782
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: mb 500-630663/1-a Acquired: 11/26/2021 15:20:28 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004365**	**.0053537**	**-.000930**	**.0088170**	**.0183089**	**.0001531**	**.0022921**
Stddev	.000268	.0015469	.000708	.0010518	.0001780	.0000031	.0001731
%RSD	6.135805	28.89393	76.19344	11.92948	.9719842	2.041633	7.551569
#1	-.004176	.0042599	-.001430	.0095608	.0181830	.0001508	.0021697
#2	-.004555	.0064475	-.000429	.0080733	.0184347	.0001553	.0024145
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**-.003482**	**.0006578**	**.0037345**
Stddev	.001254	.0006350	.0007154
%RSD	36.03093	96.53682	19.15753
#1	-.002595	.0002088	.0032286
#2	-.004369	.0011068	.0042404
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1697.988**	**685.2035**	**4893.174**	**4108.835**
Stddev	3.182	.2314	28.589	1.495
%RSD	.1873716	.0337688	.5842554	.0363862
#1	1695.738	685.3672	4872.959	4107.778
#2	1700.238	685.0399	4913.390	4109.892

Sample Name: lcs 500-630663/2-a Acquired: 11/26/2021 15:23:46 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0436930	1.805575	.0844865	.8148865	1.878836	.0454922	.4355242
Stddev	.0001259	.004038	.0020854	.0048613	.021350	.0005103	.0033465
%RSD	.2881081	.2236147	2.468289	.5965628	1.136361	1.121636	.7683861
#1	.0437820	1.802720	.0830119	.8114491	1.863739	.0451314	.4331579
#2	.0436040	1.808430	.0859610	.8183240	1.893933	.0458530	.4378906
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.492164	.0450796	.0396671	.4727320	.1852392	.2482614	1.005971
Stddev	.093262	.0001443	.0108429	.0023892	.0034812	.0023644	.004716
%RSD	1.098211	.3201144	27.33488	.5054132	1.879304	.9523959	.4688114
#1	8.426218	.0449776	.0319999	.4710425	.1827776	.2499333	1.009306
#2	8.558110	.0451817	.0473342	.4744214	.1877007	.2465895	1.002637
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.11507	.4894465	9.079783	.4490840	.9389676	10.08912	.4689783
Stddev	.15818	.0081671	.122462	.0080189	.0051572	.14876	.0037992
%RSD	1.563832	1.668647	1.348738	1.785607	.5492377	1.474490	.8101099
#1	10.00322	.4836714	8.993189	.4434138	.9353209	9.98392	.4662918
#2	10.22692	.4952215	9.166377	.4547542	.9426142	10.19431	.4716647
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: lcs 500-630663/2-a Acquired: 11/26/2021 15:23:46 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0872791	.4573633	.0776537	1.232318	.9266812	.9462380	.9421331
Stddev	.0021798	.0070390	.0002512	.007801	.0033638	.0123431	.0035716
%RSD	2.497536	1.539038	.3235167	.6330077	.3629962	1.304439	.3790989
#1	.0857378	.4523860	.0778314	1.226802	.9243027	.9549659	.9396076
#2	.0888205	.4623406	.0774761	1.237834	.9290598	.9375101	.9446586
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0858348	.4786808	.4648471
Stddev	.0000092	.0013439	.0006331
%RSD	.0106598	.2807474	.1362027
#1	.0858412	.4796311	.4643994
#2	.0858283	.4777305	.4652948
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1614.840	684.7369	4794.547	4199.089
Stddev	7.613	4.7220	22.845	10.264
%RSD	.4714311	.6896039	.4764705	.2444303
#1	1620.224	688.0759	4778.394	4191.831
#2	1609.457	681.3980	4810.701	4206.346

Sample Name: 500-208503-f-1-h Acquired: 11/26/2021 15:27:01 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055295	142.9526	.1154216	.0725093	2.117042	.0114886	-.003662
Stddev	.0002855	2.1412	.0010705	.0001297	.032209	.0001860	.001019
%RSD	5.162981	1.497829	.9274612	.1788205	1.521435	1.618655	27.82079
#1	.0057313	141.4385	.1161785	.0726009	2.094266	.0113571	-.002942
#2	.0053276	144.4666	.1146646	.0724176	2.139817	.0116201	-.004382
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	337.5332	.0450832	.8374050	.1272508	.2669865	.3006629	262.5970
Stddev	6.6299	.0000562	.0211300	.0005448	.0095791	.0096538	4.3734
%RSD	1.964215	.1246965	2.523271	.4280978	3.587879	3.210841	1.665450
#1	332.8452	.0450434	.8224638	.1276360	.2737599	.2938366	259.5045
#2	342.2213	.0451229	.8523461	.1268656	.2602130	.3074892	265.6894
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.92173	.1189245	173.3789	5.492293	.0169011	28.19176	.3018420
Stddev	.02411	.0005496	2.4242	.094618	.0000559	.07166	.0026653
%RSD	.1731865	.4621153	1.398191	1.722737	.3309113	.2541911	.8830029
#1	13.90468	.1185359	171.6647	5.425388	.0168615	28.14109	.3037267
#2	13.93878	.1193131	175.0930	5.559198	.0169407	28.24244	.2999574
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208503-f-1-h Acquired: 11/26/2021 15:27:01 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9127981	.0063050	.0006718	1.092436	.0391126	.2761901	2.101662
Stddev	.0025402	.0009169	.0025736	.001463	.0022519	.0038262	.005876
%RSD	.2782819	14.54225	383.1166	.1339197	5.757368	1.385354	.2795712
#1	.9145943	.0069533	.0024916	1.091402	.0407049	.2734845	2.105817
#2	.9110019	.0056566	-.001148	1.093471	.0375203	.2788956	2.097508
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0087038	.3567536	8.429154
Stddev	.0013911	.0065925	.028468
%RSD	15.98276	1.847923	.3377305
#1	.0077202	.3614152	8.449284
#2	.0096875	.3520919	8.409024
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1247.575	732.6151	5235.817	4668.790
Stddev	1.256	2.1291	173.243	9.577
%RSD	.1006995	.2906135	3.308804	.2051354
#1	1246.687	734.1206	5358.319	4662.017
#2	1248.464	731.1096	5113.316	4675.562

Sample Name: 500-208503-f-2-I@5 Acquired: 11/26/2021 15:30:10 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008853**	**39.67722**	**.0336986**	**.0399516**	**.2203107**	**.0032299**	**-.001152**
Stddev	.0001103	.30997	.0015795	.0002365	.0011099	.0002240	.002065
%RSD	12.46127	.7812368	4.687009	.5919635	.5037725	6.934747	179.2708
#1	.0008073	39.45804	.0325818	.0401188	.2195260	.0033883	.000308
#2	.0009633	39.89640	.0348154	.0397843	.2210955	.0030716	-.002612
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**225.9009**	**.0009591**	**.2213552**	**.0517184**	**.0702789**	**.0927706**	**85.92679**
Stddev	1.7670	.0000327	.0089455	.0016155	.0010963	.0006786	.73351
%RSD	.7821909	3.413370	4.041238	3.123639	1.559918	.7315044	.8536438
#1	224.6515	.0009822	.2150298	.0528607	.0710541	.0922907	85.40812
#2	227.1504	.0009359	.2276806	.0505761	.0695037	.0932504	86.44546
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.061688**	**.0752080**	**121.6054**	**1.900617**	**.0077188**	**6.279756**	**.1260019**
Stddev	.057711	.0004115	.7757	.016376	.0003562	.030384	.0026189
%RSD	.6368718	.5471870	.6378447	.8616132	4.615113	.4838384	2.078468
#1	9.102496	.0754990	121.0569	1.889037	.0079707	6.301241	.1278538
#2	9.020880	.0749170	122.1539	1.912196	.0074669	6.258272	.1241501
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208503-f-2-I@5 Acquired: 11/26/2021 15:30:10 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0609978	.0012233	.0004370	.2608871	.0086340	.1189580	.3039167
Stddev	.0013094	.0021060	.0035233	.0000154	.0009767	.0001848	.0009328
%RSD	2.146651	172.1556	806.1828	.0059029	11.31273	.1553480	.3069252
#1	.0600719	.0027125	-.002054	.2608980	.0079433	.1190887	.3045763
#2	.0619237	-.000266	.002928	.2608762	.0093246	.1188274	.3032571
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0059414	.0753640	.2735522
Stddev	.0001814	.0006533	.0066089
%RSD	3.052923	.8669058	2.415953
#1	.0058131	.0758260	.2782254
#2	.0060697	.0749021	.2688790
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1423.031	690.5240	4744.982	4345.994
Stddev	14.251	16.8783	6.471	25.534
%RSD	1.001447	2.444269	.1363783	.5875285
#1	1433.108	702.4588	4749.557	4327.939
#2	1412.954	678.5893	4740.406	4364.049

Sample Name: 500-208503-f-3-h@5 Acquired: 11/26/2021 15:33:22 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011185**	**36.89150**	**.0637917**	**.0399007**	**.1975358**	**.0032103**	**-.001350**
Stddev	.0008150	.53878	.0019912	.0006491	.0026935	.0001239	.000066
%RSD	72.86311	1.460441	3.121478	1.626818	1.363578	3.860098	4.861001
#1	.0016947	36.51052	.0623837	.0394417	.1956312	.0032979	-.001397
#2	.0005422	37.27247	.0651997	.0403597	.1994404	.0031227	-.001304
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**256.0004**	**.0011319**	**.1931488**	**.0460258**	**.0666105**	**.0760170**	**92.13999**
Stddev	4.2577	.0003033	.0034023	.0000713	.0010595	.0004163	1.47641
%RSD	1.663170	26.79977	1.761485	.1548456	1.590621	.5476296	1.602358
#1	252.9898	.0013463	.1907430	.0459754	.0673596	.0757226	91.09601
#2	259.0111	.0009174	.1955546	.0460762	.0658613	.0763113	93.18397
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.094411**	**.0823428**	**123.5280**	**1.400712**	**.0093801**	**5.042969**	**.1181230**
Stddev	.124864	.0012495	1.8213	.026967	.0001835	.062377	.0004210
%RSD	1.372974	1.517435	1.474431	1.925200	1.955866	1.236918	.3563830
#1	9.006119	.0814593	122.2402	1.381643	.0092504	4.998862	.1184207
#2	9.182703	.0832264	124.8159	1.419780	.0095099	5.087077	.1178254
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208503-f-3-h@5 Acquired: 11/26/2021 15:33:22 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0755214	.0009914	.0024785	.2435989	.0079142	.1334933	.3174925
Stddev	.0007297	.0011294	.0029205	.0016158	.0002049	.0001278	.0009171
%RSD	.9662240	113.9216	117.8353	.6633165	2.589336	.0957223	.2888666
#1	.0750054	.0017899	.0045436	.2424563	.0077693	.1335836	.3168440
#2	.0760374	.0001928	.0004134	.2447415	.0080591	.1334029	.3181410
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0031852	.0658638	.2495861
Stddev	.0006029	.0007608	.0006559
%RSD	18.92708	1.155134	.2628103
#1	.0027589	.0653258	.2500499
#2	.0036115	.0664018	.2491223
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1390.424	667.5120	4690.517	4234.893
Stddev	9.930	7.9657	19.973	12.542
%RSD	.7141909	1.193334	.4258171	.2961612
#1	1397.446	673.1446	4704.640	4243.761
#2	1383.402	661.8794	4676.394	4226.024

Sample Name: 500-208503-f-4-h Acquired: 11/26/2021 15:36:34 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032010	90.14787	.2475987	.1188072	.4207359	.0101823
Stddev	.0003975	.45191	.0030584	.0016133	.0022478	.0000207
%RSD	12.41897	.5012980	1.235235	1.357901	.5342626	.2033711
#1	.0029199	90.46742	.2454360	.1176665	.4223254	.0101969
#2	.0034821	89.82832	.2497613	.1199480	.4191465	.0101676
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002172	F 1124.948	.0062664	.6246356	.2383810	.1625381
Stddev	.000613	3.500	.0003268	.0053698	.0008193	.0024886
%RSD	28.20076	.3111492	5.215442	.8596710	.3436977	1.531110
#1	-.001739	1122.473	.0060353	.6284326	.2389603	.1642978
#2	-.002605	1127.423	.0064975	.6208386	.2378016	.1607783
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5662919	350.6908	24.01858	.1871983	597.2796	9.128362
Stddev	.0046188	2.1190	.27274	.0027037	1.0652	.021034
%RSD	.8156236	.6042302	1.135554	1.444272	.1783480	.2304227
#1	.5695579	349.1925	24.21144	.1891101	598.0328	9.113489
#2	.5630260	352.1892	23.82573	.1852865	596.5264	9.143235
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208503-f-4-h Acquired: 11/26/2021 15:36:34 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1285538	6.824437	.5102452	.2913726	.0116558	.0057732
Stddev	.0021298	.098922	.0046563	.0038241	.0014883	.0008261
%RSD	1.656773	1.449526	.9125635	1.312447	12.76859	14.30901
#1	.1270478	6.894386	.5135377	.2886686	.0127082	.0063574
#2	.1300598	6.754489	.5069527	.2940767	.0106034	.0051891
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.037036	.0370221	.4168327	.8134537	.0140472	.2359431
Stddev	.009162	.0015095	.0017143	.0031164	.0015638	.0013477
%RSD	.8834397	4.077278	.4112778	.3831098	11.13270	.5711956
#1	1.030557	.0380895	.4180449	.8156574	.0129414	.2368961
#2	1.043514	.0359547	.4156204	.8112501	.0151530	.2349902
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	1.614495
Stddev	.017900
%RSD	1.108688
#1	1.627152
#2	1.601838
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208503-f-4-h Acquired: 11/26/2021 15:36:34 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1045.130	654.5835	4676.734	4391.215
Stddev	5.892	9.1483	40.106	77.809
%RSD	.5637339	1.397574	.8575652	1.771922
#1	1049.296	661.0523	4648.374	4336.196
#2	1040.964	648.1146	4705.093	4446.234

Sample Name: 500-208503-f-4-h@5 Acquired: 11/26/2021 15:39:50 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003276	20.06481	.0644704	.0347093	.1047401	.0025051	-.002655
Stddev	.0001521	1.36999	.0026613	.0002192	.0066580	.0000257	.002607
%RSD	46.42195	6.827834	4.127885	.6314195	6.356639	1.027681	98.19828
#1	.0004352	19.09608	.0625886	.0348642	.1000322	.0024869	-.004498
#2	.0002201	21.03354	.0663522	.0345543	.1094480	.0025234	-.000811
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	306.8317	.0016640	.1514047	.0539269	.0442989	.1337137	89.88707
Stddev	15.7858	.0001999	.0054045	.0002958	.0000119	.0019075	4.76662
%RSD	5.144775	12.01403	3.569548	.5485357	.0267897	1.426565	5.302897
#1	295.6695	.0018053	.1475831	.0541361	.0442905	.1323649	86.51657
#2	317.9940	.0015226	.1552262	.0537178	.0443073	.1350625	93.25758
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.657758	.0438284	167.5324	2.330964	.0343182	1.622674	.1218465
Stddev	.379359	.0030406	10.2206	.127136	.0012426	.111392	.0000349
%RSD	6.705106	6.937483	6.100643	5.454237	3.620810	6.864740	.0286162
#1	5.389511	.0416784	160.3053	2.241065	.0334396	1.543908	.1218712
#2	5.926006	.0459784	174.7594	2.420863	.0351969	1.701440	.1218219
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208503-f-4-h@5 Acquired: 11/26/2021 15:39:50 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0693016	.0027928	-.000894	.2681360	.0086417	.1122984	.2233589
Stddev	.0015916	.0017966	.002896	.0002111	.0006260	.0005024	.0031949
%RSD	2.296616	64.33032	324.0310	.0787362	7.243643	.4474254	1.430411
#1	.0704270	.0015224	.001154	.2682853	.0081990	.1119431	.2210998
#2	.0681762	.0040632	-.002942	.2679867	.0090843	.1126537	.2256181
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0042633	.0635726	.3801129
Stddev	.0066207	.0010623	.0048767
%RSD	155.2944	1.671034	1.282971
#1	-.000418	.0628214	.3835613
#2	.008945	.0643237	.3766645
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1360.554	659.6010	4699.678	4411.787
Stddev	12.473	9.1012	39.035	169.935
%RSD	.9167339	1.379797	.8305920	3.851844
#1	1369.374	666.0365	4727.280	4531.950
#2	1351.735	653.1655	4672.076	4291.625

Sample Name: 500-208503-f-5-j@5 Acquired: 11/26/2021 15:43:02 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000007**	**25.32645**	**.0382371**	**.0340636**	**.1464436**	**.0025198**	**-.001472**
Stddev	.000673	.43360	.0012306	.0000960	.0017430	.0002081	.001105
%RSD	9119.713	1.712035	3.218261	.2818646	1.190187	8.257040	75.03618
#1	-.000483	25.01986	.0373670	.0341315	.1452111	.0026670	-.000691
#2	.000469	25.63305	.0391073	.0339957	.1476761	.0023727	-.002253
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**242.0984**	**.0013310**	**.1629022**	**.0443367**	**.0539392**	**.1071961**	**69.96095**
Stddev	1.3000	.0001981	.0071770	.0000915	.0017140	.0004022	.54408
%RSD	.5369527	14.88500	4.405709	.2062782	3.177733	.3751732	.7776887
#1	241.1792	.0011909	.1578273	.0442720	.0527272	.1074805	69.57623
#2	243.0177	.0014711	.1679771	.0444013	.0551512	.1069117	70.34567
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.497418**	**.0567105**	**131.4903**	**1.220425**	**.0220642**	**2.199287**	**.1059246**
Stddev	.081805	.0008938	1.6749	.012770	.0004386	.039358	.0000894
%RSD	1.259039	1.576104	1.273775	1.046375	1.987815	1.789580	.0843693
#1	6.439573	.0560785	130.3060	1.211395	.0217541	2.171457	.1059878
#2	6.555263	.0573425	132.6746	1.229455	.0223743	2.227117	.1058614
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208503-f-5-j@5 Acquired: 11/26/2021 15:43:02 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0589023	.0028409	-.002510	.2206360	.0083260	.1164415	.2966594
Stddev	.0014278	.0006246	.000150	.0005618	.0039566	.0005861	.0010268
%RSD	2.423972	21.98773	5.971998	.2546224	47.52155	.5033725	.3461145
#1	.0599119	.0023992	-.002404	.2210332	.0111238	.1160271	.2959334
#2	.0578927	.0032825	-.002616	.2202388	.0055282	.1168560	.2973855
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0059943	.0632554	.3359882
Stddev	.0006704	.0019338	.0011196
%RSD	11.18477	3.057078	.3332238
#1	.0064684	.0618880	.3367799
#2	.0055203	.0646228	.3351965
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1396.241	669.9177	4725.265	4329.952
Stddev	4.946	3.4236	16.272	.897
%RSD	.3542011	.5110544	.3443591	.0207276
#1	1399.738	672.3386	4736.771	4330.587
#2	1392.744	667.4969	4713.759	4329.318

Sample Name: 500-208503-f-6-h Acquired: 11/26/2021 15:46:14 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028201	151.4244	.1201074	.1548360	.4169089	.0122711
Stddev	.0005121	2.5038	.0015611	.0004290	.0049212	.0000724
%RSD	18.16058	1.653513	1.299714	.2770871	1.180411	.5896601
#1	.0031822	149.6540	.1190036	.1545326	.4134291	.0123222
#2	.0024579	153.1949	.1212112	.1551394	.4203888	.0122199
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016124	F 1168.788	.0023188	.7075445	.1968505	.2315792
Stddev	.0012931	8.267	.0003315	.0040677	.0001114	.0022470
%RSD	80.19789	.7072900	14.29807	.5749025	.0565990	.9702939
#1	.0006980	1174.633	.0020844	.7046682	.1969293	.2299903
#2	.0025267	1162.942	.0025532	.7104208	.1967717	.2331680
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3635911	302.4374	40.00754	.3530913	584.4287	6.382222
Stddev	.0032238	3.7571	.72789	.0068282	7.0485	.079321
%RSD	.8866584	1.242262	1.819386	1.933828	1.206050	1.242844
#1	.3658706	299.7807	39.49284	.3482631	579.4447	6.326133
#2	.3613115	305.0940	40.52224	.3579195	589.4127	6.438310
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208503-f-6-h Acquired: 11/26/2021 15:46:14 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0504240	6.767593	.4765093	.2229348	.0087268	.0002785
Stddev	.0006559	.116651	.0000680	.0014252	.0042404	.0006797
%RSD	1.300759	1.723670	.0142782	.6392722	48.58977	244.0549
#1	.0499602	6.685108	.4765574	.2219271	.0057285	.0007592
#2	.0508878	6.850078	.4764612	.2239425	.0117252	-.000202
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.039184	.0366385	.5322020	1.225661	.0069754	.2243773
Stddev	.003882	.0000930	.0013493	.000744	.0020202	.0001680
%RSD	.3735589	.2539520	.2535354	.0606975	28.96098	.0748715
#1	1.036439	.0367043	.5331561	1.225135	.0084039	.2242586
#2	1.041929	.0365727	.5312479	1.226187	.0055470	.2244961
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.9859969
Stddev	.0105322
%RSD	1.068178
#1	.9785495
#2	.9934443
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208503-f-6-h Acquired: 11/26/2021 15:46:14 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1053.331	651.7884	4607.400	4226.619
Stddev	3.699	2.2389	37.363	19.507
%RSD	.3512008	.3434959	.8109439	.4615250
#1	1055.947	653.3715	4580.980	4240.412
#2	1050.715	650.2053	4633.820	4212.825

Sample Name: 500-208503-f-6-h@5 Acquired: 11/26/2021 15:49:30 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008800**	**30.48692**	**.0219021**	**.0424172**	**.0956114**	**.0027342**	**-.003043**
Stddev	.0002628	.31997	.0000448	.0004997	.0012500	.0002221	.001011
%RSD	29.86689	1.049543	.2045372	1.178128	1.307321	8.123053	33.21800
#1	.0006942	30.26067	.0218704	.0427705	.0947275	.0025771	-.002328
#2	.0010659	30.71318	.0219337	.0420638	.0964952	.0028912	-.003758
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**293.5766**	**.0008901**	**.1694215**	**.0414418**	**.0582038**	**.0765366**	**71.24789**
Stddev	8.8485	.0000943	.0017903	.0007885	.0017177	.0003684	1.50114
%RSD	3.014042	10.59167	1.056736	1.902700	2.951107	.4813280	2.106929
#1	287.3197	.0009568	.1681555	.0419993	.0569893	.0767971	70.18642
#2	299.8334	.0008234	.1706874	.0408842	.0594184	.0762761	72.30935
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.662312**	**.0757270**	**149.2050**	**1.512255**	**.0118472**	**1.465354**	**.1033283**
Stddev	.007520	.0004008	2.0441	.033434	.0003094	.003762	.0043769
%RSD	.0868172	.5292178	1.369963	2.210841	2.611347	.2567150	4.235895
#1	8.667630	.0760104	147.7596	1.488614	.0120659	1.468014	.1064232
#2	8.656995	.0754436	150.6503	1.535896	.0116284	1.462694	.1002334
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208503-f-6-h@5 Acquired: 11/26/2021 15:49:30 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0468387	-.000163	-.000674	.2457001	.0082644	.1284647	.3008512
Stddev	.0035531	.000463	.002794	.0021173	.0007599	.0000180	.0013989
%RSD	7.585739	283.3161	414.7543	.8617491	9.194387	.0139941	.4649869
#1	.0443263	.000164	-.002649	.2471973	.0088018	.1284774	.2998620
#2	.0493511	-.000490	.001302	.2442029	.0077272	.1284520	.3018404
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0021849	.0534946	.2113433
Stddev	.0080134	.0009671	.0001237
%RSD	366.7627	1.807806	.0585424
#1	-.003481	.0528108	.2114308
#2	.007851	.0541785	.2112558
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1375.204	654.9622	4684.297	4201.418
Stddev	6.295	6.0717	2.066	.237
%RSD	.4577684	.9270335	.0441054	.0056350
#1	1370.753	650.6689	4685.758	4201.585
#2	1379.655	659.2556	4682.836	4201.250

Sample Name: CCV Acquired: 11/26/2021 15:52:43 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5021689**	**48.74435**	**.5035802**	**.5110798**	**.5059931**	**.5164342**
Stddev	.0048627	.99223	.0029576	.0004843	.0082232	.0064767
%RSD	.9683446	2.035571	.5873051	.0947555	1.625166	1.254111
#1	.5056073	48.04274	.5056715	.5114222	.5001784	.5118546
#2	.4987304	49.44596	.5014888	.5107374	.5118078	.5210139
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5244532**	**24.33374**	**.5073106**	F **.0896016**	**.5280018**	**.4836267**
Stddev	.0007392	.22674	.0004922	.0053749	.0023408	.0022481
%RSD	.1409473	.9317805	.0970190	5.998657	.4433391	.4648436
#1	.5239305	24.17341	.5069626	.0934023	.5263465	.4852163
#2	.5249759	24.49407	.5076587	.0858010	.5296570	.4820370
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5131468**	**24.74296**	**52.15574**	**4.024722**	**25.25457**	**4.994225**
Stddev	.0034419	.29263	1.63962	.135224	.56342	.063128
%RSD	.6707491	1.182661	3.143692	3.359832	2.230978	1.264024
#1	.5107130	24.53604	50.99636	3.929105	24.85617	4.949587
#2	.5155806	24.94987	53.31513	4.120340	25.65297	5.038864
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/26/2021 15:52:43 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4759385**	**25.83828**	**.5267477**	**.5192979**	**.4715927**	**.4974624**
Stddev	.0017365	.82215	.0002178	.0031096	.0024699	.0040435
%RSD	.3648597	3.181918	.0413525	.5988177	.5237455	.8128348
#1	.4747106	25.25693	.5265937	.5170990	.4698462	.4946031
#2	.4771664	26.41963	.5269017	.5214967	.4733392	.5003216
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.2875301**	**.5153834**	**.4985200**	**.4847035**	**.5115812**	**4.892424**
Stddev	.0006242	.0044481	.0008632	.0017895	.0051727	.003985
%RSD	.2171007	.8630577	.1731459	.3691878	1.011116	.0814624
#1	.2870887	.5122382	.4979097	.4834382	.5079236	4.895242
#2	.2879715	.5185287	.4991304	.4859688	.5152389	4.889606
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**.5340080**
Stddev	.0014652
%RSD	.2743720
#1	.5329719
#2	.5350440
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/26/2021 15:52:43 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1548.577	694.3417	4749.131	4196.004
Stddev	5.963	1.0241	17.809	36.454
%RSD	.3850741	.1474913	.3749955	.8687837
#1	1552.793	695.0658	4761.724	4221.781
#2	1544.360	693.6175	4736.538	4170.227

Sample Name: CCB Acquired: 11/26/2021 15:55:49 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000612	.0485521	-.002198	.0016454	.0000961	-.000024	-.000748
Stddev	.0001891	.0104872	.002172	.0002316	.0000139	.000037	.000950
%RSD	308.9328	21.59982	98.79479	14.07356	14.47735	152.3602	127.0240
#1	-.000073	.0559677	-.003734	.0018092	.0000863	.000002	-.001419
#2	.000195	.0411366	-.000663	.0014817	.0001060	-.000051	-.000076
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095841	.0000590	-.001475	-.000005	.0017153	.0020453	-.005983
Stddev	.0015227	.0001025	.003177	.000102	.0007336	.0002011	.082822
%RSD	15.88812	173.6035	215.4000	1904.794	42.76942	9.832222	1384.331
#1	.0085074	.0001315	-.003721	.000067	.0022340	.0021875	-.064547
#2	.0106609	-.000013	.000772	-.000077	.0011965	.0019031	.052581
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094318	.0007147	.0054485	.0010928	.0003004	.0197990	-.000105
Stddev	.0003239	.0001414	.0164485	.0003809	.0005474	.0020804	.001173
%RSD	3.434176	19.79027	301.8886	34.85758	182.2182	10.50746	1112.550
#1	.0092028	.0008147	.0170794	.0013621	.0006875	.0212701	.000724
#2	.0096608	.0006146	-.006182	.0008234	-.000087	.0183280	-.000935
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 11/26/2021 15:55:49 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002573	.0009663	.0009261	-.003259	.0019953	.0000406	.0006239
Stddev	.000959	.0000817	.0042857	.000637	.0005412	.0000231	.0004497
%RSD	37.28935	8.451183	462.7641	19.54741	27.12144	56.83832	72.08429
#1	-.001895	.0010240	-.002104	-.002808	.0016127	.0000569	.0009419
#2	-.003251	.0009085	.003957	-.003709	.0023780	.0000243	.0003059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000770	.0001454	.0004925
Stddev	.001690	.0000405	.0004310
%RSD	219.3964	27.84958	87.51668
#1	.000425	.0001168	.0001877
#2	-.001965	.0001741	.0007973
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1757.324	708.9200	4981.637	4352.336
Stddev	8.481	7.8607	10.820	31.617
%RSD	.4825835	1.108823	.2171933	.7264444
#1	1751.327	703.3617	4989.287	4374.693
#2	1763.320	714.4783	4973.986	4329.980

Sample Name: 500-208503-f-7-h Acquired: 11/26/2021 15:59:08 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022703	149.6717	.1219473	.1543035	.4054034	.0120284
Stddev	.0001965	.5720	.0018857	.0016268	.0032558	.0000909
%RSD	8.653688	.3821477	1.546331	1.054272	.8031001	.7558855
#1	.0021313	149.2673	.1206139	.1531532	.4031012	.0119641
#2	.0024092	150.0761	.1232807	.1554538	.4077056	.0120927
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018317	F 1216.590	.0037642	.6903326	.2191460	.2209284
Stddev	.0023308	37.669	.0001236	.0290195	.0009137	.0004268
%RSD	127.2502	3.096265	3.282840	4.203699	.4169591	.1931775
#1	.0034798	1189.954	.0038516	.6698127	.2197921	.2206266
#2	.0001835	1243.226	.0036769	.7108525	.2184999	.2212302
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3547220	321.7313	40.39661	.3757096	F 625.1932	6.997233
Stddev	.0011021	3.2098	.22540	.0018650	4.4125	.063474
%RSD	.3106909	.9976589	.5579754	.4963812	.7057819	.9071351
#1	.3539427	319.4616	40.55599	.3770284	622.0731	6.952350
#2	.3555013	324.0009	40.23722	.3743909	628.3133	7.042116
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					600.0000	
Low Limit					-.100000	

Sample Name: 500-208503-f-7-h Acquired: 11/26/2021 15:59:08 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0700395	7.990360	.4951475	.2137501	.0091253	.0019083
Stddev	.0003412	.054107	.0005430	.0032058	.0031442	.0036967
%RSD	.4871448	.6771548	.1096674	1.499787	34.45568	193.7185
#1	.0697983	8.028620	.4947635	.2160170	.0069020	-.000706
#2	.0702808	7.952101	.4955314	.2114833	.0113485	.004522
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.182776	.0434951	.5682504	1.198141	.0052745	.2171999
Stddev	.006536	.0020490	.0021588	.002878	.0075490	.0002833
%RSD	.5526263	4.710849	.3798985	.2401938	143.1237	.1304390
#1	1.178154	.0420463	.5667239	1.196106	-.000063	.2169995
#2	1.187398	.0449440	.5697769	1.200176	.010612	.2174002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	1.306131
Stddev	.013485
%RSD	1.032472
#1	1.315666
#2	1.296595
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208503-f-7-h Acquired: 11/26/2021 15:59:08 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1034.263	636.3526	4528.754	4131.590
Stddev	12.369	10.4937	10.959	7.501
%RSD	1.195935	1.649046	.2419944	.1815513
#1	1043.009	643.7728	4536.503	4126.286
#2	1025.517	628.9324	4521.005	4136.894

Sample Name: 500-208503-f-7-h@5 Acquired: 11/26/2021 16:02:24 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017320**	**29.90556**	**.0280134**	**.0417705**	**.0923946**	**.0027495**	**-.001473**
Stddev	.0004145	.29300	.0009306	.0004118	.0007897	.0002771	.001827
%RSD	23.93389	.9797368	3.322094	.9858987	.8547242	10.07794	124.0402
#1	.0014389	29.69838	.0286715	.0420616	.0918362	.0029454	-.002764
#2	.0020252	30.11274	.0273554	.0414793	.0929530	.0025536	-.000181
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**295.1465**	**.0014827**	**.1668104**	**.0452098**	**.0555193**	**.0753267**	**75.35957**
Stddev	2.1754	.0000702	.0078882	.0001822	.0009865	.0007639	.75323
%RSD	.7370502	4.733483	4.728855	.4029611	1.776939	1.014134	.9995202
#1	293.6083	.0014331	.1612326	.0453386	.0562169	.0758668	74.82695
#2	296.6847	.0015324	.1723882	.0450809	.0548218	.0747865	75.89218
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.843677**	**.0813886**	**161.4497**	**1.635409**	**.0167331**	**1.755242**	**.1100576**
Stddev	.021830	.0000131	1.2948	.012181	.0000283	.011949	.0018845
%RSD	.2468453	.0161122	.8019938	.7448179	.1691402	.6807559	1.712266
#1	8.828241	.0813793	160.5341	1.626796	.0167532	1.746793	.1113901
#2	8.859113	.0813979	162.3652	1.644022	.0167131	1.763691	.1087250
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208503-f-7-h@5 Acquired: 11/26/2021 16:02:24 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0460322	.0006719	-.000056	.2660050	.0104969	.1374635	.2947906
Stddev	.0001400	.0016382	.000081	.0017022	.0019775	.0004182	.0001899
%RSD	.3041116	243.8305	144.1325	.6399229	18.83940	.3042563	.0644325
#1	.0459332	-.000487	.000001	.2672087	.0090985	.1371678	.2946563
#2	.0461312	.001830	-.000114	.2648014	.0118952	.1377593	.2949249
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0054429	.0534605	.2796078
Stddev	.0013598	.0011366	.0024527
%RSD	24.98312	2.126068	.8771811
#1	.0044814	.0526567	.2813421
#2	.0064044	.0542641	.2778735
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1360.062	642.7563	4592.909	4093.750
Stddev	2.935	.5420	18.662	9.716
%RSD	.2158111	.0843308	.4063128	.2373254
#1	1357.987	642.3730	4579.713	4086.880
#2	1362.138	643.1396	4606.104	4100.620

Sample Name: 500-208564-f-1-h@5 Acquired: 11/26/2021 16:05:36 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007085**	**31.46105**	**.0264690**	**.0392276**	**.2420404**	**.0030817**	**-.002769**
Stddev	.0003844	.45412	.0027114	.0007809	.0031000	.0002799	.001926
%RSD	54.26046	1.443433	10.24362	1.990648	1.280795	9.082736	69.55701
#1	.0004367	31.13994	.0245518	.0397798	.2398483	.0028838	-.004131
#2	.0009804	31.78216	.0283863	.0386755	.2442325	.0032796	-.001407
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**148.3505**	**.0037327**	**.1916824**	**.0263678**	**.0513573**	**.0634540**	**62.48909**
Stddev	2.2564	.0001692	.0030165	.0000088	.0010220	.0001967	.80843
%RSD	1.520991	4.531925	1.573718	.0332636	1.989901	.3100170	1.293719
#1	146.7550	.0036131	.1938154	.0263740	.0520800	.0633149	61.91744
#2	149.9460	.0038523	.1895494	.0263616	.0506347	.0635931	63.06074
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.922788**	**.0459666**	**81.89603**	**1.493849**	**.0056039**	**7.722604**	**.0649527**
Stddev	.003450	.0004423	1.10092	.022741	.0003331	.038694	.0003005
%RSD	.0700870	.9621827	1.344285	1.522282	5.944185	.5010537	.4626789
#1	4.920348	.0456539	81.11757	1.477769	.0053684	7.695243	.0647402
#2	4.925228	.0462794	82.67450	1.509929	.0058395	7.749965	.0651652
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208564-f-1-h@5 Acquired: 11/26/2021 16:05:36 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0723416	.0018695	.0019423	.3657953	.0063541	.0850279	.6958231
Stddev	.0006837	.0007736	.0017861	.0003090	.0015292	.0003371	.0006765
%RSD	.9451121	41.37773	91.95993	.0844828	24.06647	.3965025	.0972259
#1	.0728251	.0024165	.0032053	.3655768	.0074354	.0852663	.6963015
#2	.0718581	.0013225	.0006793	.3660138	.0052728	.0847895	.6953448
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0048525	.0735218	.6061585
Stddev	.0020871	.0002806	.0036370
%RSD	43.00968	.3816421	.6000080
#1	.0033768	.0737202	.6087303
#2	.0063283	.0733234	.6035868
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1456.887	669.6193	4700.629	4240.648
Stddev	6.349	5.9710	23.078	1.763
%RSD	.4357791	.8917043	.4909457	.0415853
#1	1461.377	673.8415	4684.311	4241.895
#2	1452.398	665.3971	4716.948	4239.401

Sample Name: 500-208564-f-2-f@5 Acquired: 11/26/2021 16:08:48 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008580	29.17826	.0351279	.0267998	.2783001	.0023776	-.002102
Stddev	.0000184	.17309	.0019360	.0001825	.0023429	.0001579	.002008
%RSD	2.145301	.5932071	5.511291	.6810820	.8418596	6.639790	95.54625
#1	.0008450	29.05587	.0337589	.0266708	.2766434	.0024893	-.000682
#2	.0008710	29.30065	.0364968	.0269289	.2799568	.0022660	-.003522
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	185.1319	.0059386	.1963412	.0262277	.0488635	.0617994	59.53222
Stddev	2.6217	.0000987	.0054663	.0003032	.0005433	.0002688	.95313
%RSD	1.416131	1.662497	2.784067	1.155834	1.111791	.4349174	1.601025
#1	183.2781	.0058688	.1924760	.0260133	.0492477	.0619894	58.85826
#2	186.9858	.0060084	.2002065	.0264421	.0484794	.0616093	60.20618
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.797613	.0521846	98.45208	1.771902	.0045989	6.244232	.0813326
Stddev	.016233	.0003395	.79779	.023858	.0000948	.023444	.0007062
%RSD	.3383616	.6505299	.8103365	1.346482	2.061855	.3754568	.8683422
#1	4.809092	.0524247	97.88795	1.755031	.0045319	6.260809	.0818320
#2	4.786135	.0519446	99.01620	1.788772	.0046660	6.227654	.0808332
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208564-f-2-f@5 Acquired: 11/26/2021 16:08:48 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1282289	.0006647	-.000559	.2692195	.0070043	.1055115	.5300145
Stddev	.0014820	.0022948	.000137	.0014043	.0014140	.0001987	.0001947
%RSD	1.155758	345.2255	24.43831	.5216069	20.18746	.1883438	.0367430
#1	.1271809	-.000958	-.000656	.2682265	.0080041	.1056520	.5298768
#2	.1292768	.002287	-.000463	.2702124	.0060044	.1053710	.5301522
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0029690	.0900137	.3955855
Stddev	.0027863	.0008708	.0011247
%RSD	93.84576	.9674547	.2843235
#1	.0009988	.0906295	.3963808
#2	.0049392	.0893979	.3947902
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1431.535	673.2158	4685.130	4189.014
Stddev	5.810	.0279	30.894	18.950
%RSD	.4058320	.0041372	.6594086	.4523820
#1	1435.643	673.1961	4663.284	4175.614
#2	1427.427	673.2355	4706.975	4202.414

Sample Name: 500-208564-f-3-f@5 Acquired: 11/26/2021 16:12:01 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003843	31.60995	.0243316	.0235110	.3557888	.0023786	-.000775
Stddev	.0006827	.14275	.0003850	.0002589	.0015771	.0002070	.003247
%RSD	177.6470	.4516094	1.582416	1.101412	.4432797	8.703765	418.9781
#1	-.000098	31.50901	.0246039	.0236941	.3546736	.0022323	.001521
#2	.000867	31.71090	.0240594	.0233279	.3569040	.0025251	-.003071
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	197.8702	.0050259	.1859316	.0281220	.0510392	.0645226	64.93746
Stddev	3.1711	.0003873	.0047731	.0003037	.0000414	.0010852	.65888
%RSD	1.602617	7.706264	2.567144	1.079781	.0810317	1.681870	1.014631
#1	195.6279	.0047520	.1825565	.0283367	.0510099	.0652900	64.47157
#2	200.1125	.0052998	.1893068	.0279072	.0510684	.0637553	65.40336
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.462428	.0672016	115.4352	1.438869	.0054479	4.434579	.0707339
Stddev	.060654	.0004157	.1798	.015999	.0000581	.048731	.0006776
%RSD	1.110389	.6186503	.1557744	1.111908	1.067202	1.098897	.9579666
#1	5.505318	.0674955	115.3080	1.427556	.0054068	4.469037	.0702548
#2	5.419540	.0669076	115.5623	1.450182	.0054890	4.400121	.0712131
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208564-f-3-f@5 Acquired: 11/26/2021 16:12:01 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1197526	.0009204	.0005111	.2831936	.0081685	.0901093	.4590532
Stddev	.0006934	.0034027	.0003933	.0036425	.0004557	.0002134	.0002993
%RSD	.5790632	369.7079	76.94737	1.286221	5.578667	.2367967	.0652000
#1	.1192623	.0033264	.0002330	.2857692	.0084907	.0902601	.4592648
#2	.1202429	-.001486	.0007892	.2806180	.0078462	.0899584	.4588416
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0036389	.0748759	.8802378
Stddev	.0018452	.0008573	.0010884
%RSD	50.70827	1.144996	.1236458
#1	.0049436	.0742697	.8810073
#2	.0023341	.0754821	.8794682
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1407.502	664.4836	4634.755	4209.928
Stddev	2.867	3.5201	14.293	50.778
%RSD	.2037169	.5297429	.3083909	1.206155
#1	1405.475	661.9946	4624.648	4174.022
#2	1409.530	666.9727	4644.862	4245.833

Sample Name: 500-208564-f-4-f@5 Acquired: 11/26/2021 16:15:13 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0219675**	**18.71567**	**.1194711**	**.0333749**	**.4391050**	**.0025298**	**.0020465**
Stddev	.0006316	.23181	.0021671	.0005067	.0044465	.0002771	.0002715
%RSD	2.875335	1.238614	1.813881	1.518195	1.012634	10.95485	13.26698
#1	.0224142	18.55175	.1210034	.0330166	.4359609	.0027257	.0018545
#2	.0215209	18.87958	.1179387	.0337332	.4422492	.0023338	.0022385
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**225.9020**	**.0139648**	**.1367472**	**.0217257**	**.0382423**	**.5085721**	**92.05466**
Stddev	1.7375	.0003118	.0016129	.0007573	.0005233	.0019465	.57441
%RSD	.7691296	2.232648	1.179461	3.485966	1.368442	.3827427	.6239921
#1	224.6734	.0137443	.1356068	.0211901	.0386123	.5071957	91.64849
#2	227.1306	.0141852	.1378877	.0222612	.0378723	.5099485	92.46083
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.648032**	**.0347972**	**116.7020**	**1.973050**	**.0049452**	**1.741325**	**.0574073**
Stddev	.083859	.0006971	1.5836	.011613	.0004693	.039354	.0002419
%RSD	2.298752	2.003410	1.356975	.5885609	9.489755	2.260028	.4214153
#1	3.588735	.0343043	115.5822	1.964838	.0052770	1.713497	.0572362
#2	3.707330	.0352901	117.8218	1.981261	.0046134	1.769153	.0575783
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208564-f-4-f@5 Acquired: 11/26/2021 16:15:13 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.108984	.0039530	.0021627	.2952881	.0180339	.1012255	.5019366
Stddev	.002158	.0019150	.0007598	.0017333	.0024755	.0000525	.0020462
%RSD	.0694256	48.44315	35.13465	.5869702	13.72683	.0518937	.4076623
#1	3.107458	.0053071	.0016254	.2965137	.0197843	.1011883	.5033835
#2	3.110510	.0025989	.0027000	.2940625	.0162835	.1012626	.5004897
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0041966	.0530603	8.684936
Stddev	.0007083	.0007432	.007348
%RSD	16.87909	1.400661	.0846017
#1	.0036957	.0525348	8.679741
#2	.0046974	.0535858	8.690132
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1414.921	651.2033	4607.875	4153.043
Stddev	4.125	4.3687	6.451	2.693
%RSD	.2915622	.6708607	.1400090	.0648470
#1	1417.838	654.2924	4603.313	4154.948
#2	1412.004	648.1142	4612.437	4151.139

Sample Name: 500-208564-f-5-f@5 Acquired: 11/26/2021 16:18:24 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000227**	**26.19378**	**.0164356**	**.0222721**	**.1785863**	**.0018726**	**-.004901**
Stddev	.000597	.33559	.0018502	.0003655	.0017788	.0000348	.000386
%RSD	263.2571	1.281163	11.25749	1.641021	.9960359	1.858688	7.880474
#1	-.000649	25.95649	.0177439	.0225306	.1773285	.0018480	-.005174
#2	.000195	26.43108	.0151273	.0220137	.1798440	.0018972	-.004628
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**245.6343**	**.0022746**	**.1610489**	**.0255906**	**.0484740**	**.0554037**	**50.23693**
Stddev	2.0252	.0002070	.0031740	.0004356	.0004019	.0000412	.81072
%RSD	.8244911	9.100034	1.970817	1.702277	.8291059	.0743602	1.613786
#1	244.2022	.0021282	.1588045	.0252826	.0487582	.0553745	49.66366
#2	247.0663	.0024209	.1632932	.0258986	.0481898	.0554328	50.81019
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.886303**	**.0441821**	**108.2282**	**1.258514**	**.0037354**	**9.632885**	**.0623878**
Stddev	.041123	.0003698	.9106	.010342	.0002989	.072471	.0021067
%RSD	.8415936	.8370431	.8413829	.8217922	8.002385	.7523241	3.376809
#1	4.857225	.0439206	107.5843	1.251201	.0035240	9.581640	.0638775
#2	4.915381	.0444436	108.8721	1.265827	.0039468	9.684129	.0608981
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208564-f-5-f@5 Acquired: 11/26/2021 16:18:24 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0461953	.0022871	.0004953	.2501552	.0062333	.1000867	.4955818
Stddev	.0008816	.0016620	.0035273	.0023489	.0025789	.0002711	.0003463
%RSD	1.908452	72.66840	712.1443	.9389641	41.37219	.2708180	.0698778
#1	.0455719	.0034623	.0029895	.2484943	.0044098	.1002783	.4958267
#2	.0468187	.0011119	-.001999	.2518161	.0080569	.0998950	.4953370
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0028108	.0684677	.2805898
Stddev	.0007536	.0007730	.0020943
%RSD	26.81110	1.129063	.7463989
#1	.0033437	.0679211	.2820707
#2	.0022779	.0690144	.2791089
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1407.444	657.5679	4609.544	4173.050
Stddev	13.590	8.8612	22.809	7.323
%RSD	.9656019	1.347571	.4948125	.1754840
#1	1417.054	663.8337	4593.416	4167.872
#2	1397.835	651.3021	4625.672	4178.228

Sample Name: mb 500-630666/1-a Acquired: 11/26/2021 16:21:58 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004363	.0500834	-.004096	.0004156	.0001411	-.000159	-.013276
Stddev	.0009697	.0084396	.002587	.0004731	.0000208	.000125	.002466
%RSD	222.2447	16.85099	63.14724	113.8363	14.71534	78.41453	18.57454
#1	-.000249	.0441158	-.005925	.0000811	.0001558	-.000247	-.015020
#2	.001122	.0560511	-.002267	.0007501	.0001264	-.000071	-.011532
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0252402	.0009988	-.000516	-.000820	.0088036	.0020672	.1342441
Stddev	.0074835	.0003893	.001406	.000096	.0002011	.0001859	.0384660
%RSD	29.64916	38.97451	272.4258	11.69935	2.284671	8.993502	28.65379
#1	.0305318	.0012741	.000478	-.000752	.0086613	.0019357	.1070445
#2	.0199485	.0007235	-.001511	-.000887	.0089458	.0021986	.1614437
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0257329	.0001767	-.007834	.0013306	.0020210	.0710801	-.000636
Stddev	.0077588	.0001084	.007031	.0001484	.0000806	.0015259	.001047
%RSD	30.15144	61.35241	89.75199	11.15156	3.987014	2.146780	164.7258
#1	.0202465	.0002533	-.002862	.0014355	.0019641	.0700011	.000105
#2	.0312192	.0001000	-.012805	.0012257	.0020780	.0721592	-.001376
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: mb 500-630666/1-a Acquired: 11/26/2021 16:21:58 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004188**	**.0039800**	**-.006530**	**.0059716**	**.0184678**	**.0000629**	**.0012718**
Stddev	.000950	.0008710	.003811	.0021652	.0006389	.0000084	.0000829
%RSD	22.69203	21.88369	58.35771	36.25815	3.459610	13.30321	6.517353
#1	-.003516	.0045958	-.009225	.0075026	.0189196	.0000689	.0012132
#2	-.004860	.0033641	-.003835	.0044406	.0180160	.0000570	.0013304
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**-.005202**	**.0006434**	**.0030339**
Stddev	.002467	.0004955	.0005062
%RSD	47.42365	77.01488	16.68379
#1	-.003458	.0002930	.0026760
#2	-.006947	.0009939	.0033918
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1697.413**	**678.7150**	**4892.425**	**4052.290**
Stddev	.746	4.0942	19.162	38.201
%RSD	.0439663	.6032330	.3916573	.9427036
#1	1696.885	675.8200	4878.876	4079.303
#2	1697.940	681.6101	4905.975	4025.278

Sample Name: Ics 500-630666/2-a Acquired: 11/26/2021 16:25:17 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0466183**	**2.003633**	**.0919643**	**.8801002**	**2.097523**	**.0504008**	**.4709722**
Stddev	.0002412	.001834	.0022178	.0028695	.004289	.0002264	.0054676
%RSD	.5173256	.0915315	2.411619	.3260385	.2044659	.4491683	1.160917
#1	.0467888	2.004929	.0903961	.8780712	2.094490	.0502408	.4671060
#2	.0464478	2.002336	.0935326	.8821292	2.100555	.0505609	.4748384
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.900741**	**.0500145**	**.0428641**	**.5062686**	**.2083204**	**.2704860**	**1.130299**
Stddev	.271155	.0001436	.0100911	.0018588	.0012495	.0014678	.080768
%RSD	2.738730	.2870272	23.54211	.3671557	.5997787	.5426702	7.145757
#1	9.709006	.0499131	.0499996	.5049542	.2074369	.2715239	1.073187
#2	10.09248	.0501161	.0357286	.5075829	.2092039	.2694480	1.187411
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.56014**	**.5665102**	**10.13642**	**.4942204**	**1.035477**	**11.57103**	**.5104704**
Stddev	.10890	.0075305	.02245	.0082552	.003241	.16988	.0026645
%RSD	.9420515	1.329270	.2214843	1.670353	.3130052	1.468170	.5219694
#1	11.63714	.5718350	10.12054	.4883831	1.033185	11.69115	.5085863
#2	11.48313	.5611853	10.15229	.5000577	1.037768	11.45090	.5123545
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: lcs 500-630666/2-a Acquired: 11/26/2021 16:25:17 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0936220	.5097484	.0865540	1.598602	.9853958	1.027853	1.015442
Stddev	.0015169	.0004476	.0000002	.006929	.0039132	.021756	.000678
%RSD	1.620221	.0877985	.0002819	.4334342	.3971164	2.116641	.0668015
#1	.0925494	.5094319	.0865542	1.593703	.9826288	1.043236	1.015921
#2	.0946946	.5100649	.0865539	1.603502	.9881628	1.012469	1.014962
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0926481	.5109460	.5141273
Stddev	.0024383	.0022277	.0038647
%RSD	2.631809	.4359983	.7516999
#1	.0909240	.5093708	.5113946
#2	.0943723	.5125213	.5168601
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1593.088	656.1227	4723.254	4019.195
Stddev	2.567	.7627	49.306	76.870
%RSD	.1611572	.1162457	1.043893	1.912576
#1	1594.904	655.5833	4688.389	3964.840
#2	1591.273	656.6620	4758.118	4073.551

Sample Name: 500-208567-f-6-f Acquired: 11/26/2021 16:28:31 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023214	108.1473	.0750774	.0921296	.8512496	.0081215
Stddev	.0004687	.8014	.0038983	.0007420	.0089830	.0003774
%RSD	20.19022	.7409988	5.192381	.8054457	1.055275	4.646358
#1	.0019900	107.5806	.0723208	.0916049	.8448977	.0078547
#2	.0026528	108.7139	.0778339	.0926543	.8576016	.0083884
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011090	F 809.7499	.0066448	.7139553	.1030559	.1670184
Stddev	.003006	4.3019	.0003308	.0090694	.0002195	.0000875
%RSD	27.10893	.5312611	4.978704	1.270304	.2129754	.0523937
#1	-.013216	812.7918	.0068787	.7075423	.1029007	.1670803
#2	-.008964	806.7080	.0064109	.7203684	.1032111	.1669566
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2017837	186.6959	17.44210	.1549976	442.6150	7.184700
Stddev	.0012165	2.9606	.00848	.0000780	5.3529	.130663
%RSD	.6028565	1.585776	.0485897	.0503410	1.209373	1.818622
#1	.2026439	184.6024	17.43611	.1549424	438.8299	7.092308
#2	.2009235	188.7893	17.44810	.1550527	446.4000	7.277093
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-6-f Acquired: 11/26/2021 16:28:31 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089604	11.60668	.2549612	.1814177	.0040855	-.000962
Stddev	.0004692	.02236	.0029171	.0016829	.0004797	.001265
%RSD	5.236774	.1926738	1.144122	.9276162	11.74200	131.4806
#1	.0086286	11.62249	.2528985	.1802278	.0044247	-.001856
#2	.0092922	11.59087	.2570239	.1826077	.0037463	-.000068
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9800263	.0322914	.3631949	2.075086	-.000519	.2523744
Stddev	.0175969	.0014265	.0009089	.001457	.001239	.0011756
%RSD	1.795558	4.417710	.2502570	.0702244	238.5598	.4658017
#1	.9675834	.0312827	.3638376	2.074056	-.001395	.2532057
#2	.9924692	.0333001	.3625522	2.076116	.000357	.2515432
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	1.203481
Stddev	.000389
%RSD	.0322977
#1	1.203756
#2	1.203206
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-6-f Acquired: 11/26/2021 16:28:31 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1124.150	662.7414	4723.375	4381.337
Stddev	17.090	12.6555	35.204	.782
%RSD	1.520229	1.909566	.7453158	.0178427
#1	1136.234	671.6902	4698.482	4380.784
#2	1112.065	653.7927	4748.268	4381.890

Sample Name: CCV Acquired: 11/26/2021 16:31:47 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4957928**	**48.38457**	**.4978563**	**.5045940**	**.4954917**	**.5036951**
Stddev	.0005134	.53818	.0021073	.0030691	.0037511	.0056893
%RSD	.1035432	1.112290	.4232756	.6082262	.7570420	1.129515
#1	.4961558	48.00402	.4963662	.5024239	.4928393	.4996722
#2	.4954298	48.76512	.4993463	.5067642	.4981442	.5077181
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5205094**	**23.74904**	**.5077724**	F **.0903870**	**.5286103**	**.4826590**
Stddev	.0024265	.18671	.0016468	.0009364	.0011450	.0042682
%RSD	.4661822	.7861749	.3243173	1.036033	.2166102	.8843040
#1	.5222252	23.61702	.5066080	.0910491	.5278006	.4856771
#2	.5187936	23.88107	.5089369	.0897248	.5294199	.4796409
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5120921**	**24.53422**	**51.17516**	**3.964184**	**24.93827**	**4.873229**
Stddev	.0053213	.49802	.61918	.051252	.22339	.045741
%RSD	1.039123	2.029908	1.209920	1.292875	.8957555	.9386215
#1	.5083294	24.18206	50.73733	3.927943	24.78032	4.840885
#2	.5158548	24.88637	51.61298	4.000424	25.09623	4.905573
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/26/2021 16:31:47 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4729448	25.46042	.5199412	.5201847	.4668323	.4903905
Stddev	.0026190	.36876	.0012146	.0009740	.0064824	.0024783
%RSD	.5537657	1.448358	.2336060	.1872512	1.388597	.5053731
#1	.4710929	25.19967	.5190823	.5194960	.4622485	.4886381
#2	.4747967	25.72118	.5208000	.5208735	.4714160	.4921430
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .2844589	.5141439	.4963514	.4846782	.5116906	4.928424
Stddev	.0009171	.0007658	.0021236	.0006938	.0007088	.015878
%RSD	.3223905	.1489441	.4278455	.1431427	.1385180	.3221767
#1	.2838104	.5136025	.4948498	.4851688	.5111894	4.939651
#2	.2851074	.5146854	.4978530	.4841877	.5121918	4.917196
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	.5380805
Stddev	.0011439
%RSD	.2125881
#1	.5388893
#2	.5372716
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/26/2021 16:31:47 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1562.446	701.4362	4815.908	4271.044
Stddev	8.623	6.9180	56.557	5.214
%RSD	.5519156	.9862607	1.174375	.1220867
#1	1568.544	706.3279	4855.900	4267.357
#2	1556.348	696.5444	4775.916	4274.731

Sample Name: CCB Acquired: 11/26/2021 16:34:54 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003237	.0545288	-.001115	.0014856	.0000852	-.000027	-.001906
Stddev	.0005516	.0020826	.001474	.0003348	.0000885	.000049	.002219
%RSD	170.3653	3.819329	132.1404	22.53811	103.9492	183.4683	116.4399
#1	.0007138	.0530562	-.000073	.0017223	.0001478	-.000061	-.000337
#2	-.000066	.0560015	-.002157	.0012488	.0000226	.000008	-.003476
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075179	.0001564	-.000952	-.000295	.0007259	.0017885	-.014673
Stddev	.0001192	.0001668	.009712	.000378	.0005692	.0001105	.018685
%RSD	1.586136	106.6557	1019.729	128.0347	78.40980	6.177175	127.3373
#1	.0074336	.0000385	.005915	-.000562	.0011285	.0017104	-.027885
#2	.0076022	.0002744	-.007820	-.000028	.0003234	.0018667	-.001461
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039388	.0005819	.0066600	.0006633	-.000125	.0154633	.0008919
Stddev	.0116612	.0002069	.0047900	.0002078	.000092	.0028105	.0004627
%RSD	296.0567	35.55303	71.92267	31.32062	74.10632	18.17511	51.87991
#1	.0121845	.0007282	.0100470	.0008102	-.000059	.0174507	.0005647
#2	-.004307	.0004356	.0032729	.0005164	-.000190	.0134760	.0012191
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 11/26/2021 16:34:54 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001480**	**.0018903**	**.0008288**	**-.005733**	**.0018284**	**.0000367**	**.0006642**
Stddev	.000105	.0025346	.0015222	.000117	.0015180	.0000084	.0001365
%RSD	7.069249	134.0888	183.6703	2.035423	83.02193	22.90430	20.55717
#1	-.001406	.0000980	.0019052	-.005816	.0029018	.0000308	.0005676
#2	-.001554	.0036825	-.000248	-.005651	.0007550	.0000427	.0007607
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**.0008022**	**-.000198**	**.0006243**
Stddev	.0015767	.000131	.0005637
%RSD	196.5531	66.28091	90.28674
#1	-.000313	-.000105	.0002257
#2	.001917	-.000290	.0010229
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1786.178**	**718.6429**	**5036.492**	**4403.127**
Stddev	9.623	6.4509	1.971	47.341
%RSD	.5387591	.8976550	.0391416	1.075163
#1	1779.373	714.0814	5037.886	4369.652
#2	1792.983	723.2044	5035.098	4436.602

Sample Name: 500-208567-f-6-fSD@5 Acquired: 11/26/2021 16:38:12 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008184	23.01147	.0130117	.0247441	.1988083	.0018510	-.001621
Stddev	.0005664	.53911	.0001709	.0002173	.0036994	.0001471	.000536
%RSD	69.20951	2.342788	1.313131	.8782576	1.860765	7.946347	33.08156
#1	.0012189	22.63026	.0128909	.0248977	.1961925	.0017470	-.002000
#2	.0004179	23.39268	.0131325	.0245904	.2014242	.0019550	-.001242
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	204.0077	.0018698	.1696929	.0212310	.0414837	.0446508	43.25675
Stddev	1.3160	.0004087	.0060353	.0010457	.0005939	.0001079	.42922
%RSD	.6450723	21.85777	3.556622	4.925135	1.431670	.2417463	.9922687
#1	203.0771	.0015808	.1654253	.0204916	.0410637	.0447271	42.95324
#2	204.9382	.0021588	.1739605	.0219704	.0419036	.0445745	43.56025
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.070600	.0355597	112.2675	1.675354	.0019986	2.710697	.0568870
Stddev	.134247	.0011733	2.2001	.017229	.0004456	.105272	.0037520
%RSD	3.297976	3.299549	1.959683	1.028376	22.29553	3.883561	6.595515
#1	3.975673	.0347300	110.7118	1.663172	.0016835	2.636259	.0542339
#2	4.165528	.0363894	113.8232	1.687537	.0023137	2.785135	.0595400
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208567-f-6-fSD@5 Acquired: 11/26/2021 16:38:12 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0409629	-.000314	.0029662	.2257233	.0063770	.0882644	.5112435
Stddev	.0007201	.000164	.0003500	.0021683	.0006863	.0001020	.0006937
%RSD	1.757826	52.11159	11.79997	.9605888	10.76302	.1156060	.1356835
#1	.0404537	-.000199	.0032137	.2241902	.0058916	.0883366	.5107530
#2	.0414720	-.000430	.0027187	.2272566	.0068623	.0881923	.5117340
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0064112	.0621210	.2596702
Stddev	.0035111	.0004088	.0000524
%RSD	54.76460	.6580671	.0201622
#1	.0039285	.0624100	.2597073
#2	.0088939	.0618319	.2596332
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1421.445	664.1019	4706.918	4222.938
Stddev	9.652	5.7311	24.918	41.712
%RSD	.6790106	.8629804	.5293896	.9877498
#1	1428.270	668.1543	4724.538	4252.433
#2	1414.620	660.0494	4689.298	4193.443

Sample Name: 500-208567-f-6-g du Acquired: 11/26/2021 16:41:26 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034674	109.0044	.0738616	.0847125	.7381098	.0080032
Stddev	.0012756	1.9867	.0013947	.0008438	.0095585	.0001672
%RSD	36.78708	1.822608	1.888210	.9960744	1.295003	2.089676
#1	.0025654	107.5995	.0728754	.0853092	.7313509	.0078849
#2	.0043694	110.4092	.0748477	.0841159	.7448687	.0081214
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006399	F 790.8867	.0055161	.7468170	.1066333	.1617579
Stddev	.004398	2.3222	.0001508	.0060124	.0010856	.0010236
%RSD	68.72354	.2936245	2.734295	.8050680	1.018048	.6327651
#1	-.009508	792.5288	.0054094	.7425656	.1058656	.1624817
#2	-.003289	789.2446	.0056227	.7510684	.1074009	.1610341
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2062775	189.4595	17.95893	.1683372	419.0539	6.754227
Stddev	.0001968	1.1013	.35023	.0040186	3.7171	.021581
%RSD	.0954037	.5812645	1.950189	2.387222	.8870169	.3195228
#1	.2061384	188.6808	17.71127	.1654956	416.4256	6.738966
#2	.2064167	190.2382	18.20658	.1711787	421.6823	6.769487
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-6-g du Acquired: 11/26/2021 16:41:26 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082448	12.29496	.2626686	.1893262	.0037463	.0017008
Stddev	.0020413	.24497	.0026813	.0019602	.0009838	.0024438
%RSD	24.75926	1.992459	1.020809	1.035379	26.26080	143.6834
#1	.0068013	12.12174	.2607726	.1879401	.0030506	.0034289
#2	.0096882	12.46819	.2645646	.1907123	.0044420	-.000027
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.417752	.0282089	.3671540	2.004577	.0036112	.2460119
Stddev	.006627	.0018173	.0010716	.006591	.0032579	.0002156
%RSD	.4674344	6.442191	.2918778	.3287864	90.21621	.0876391
#1	1.422438	.0269239	.3679117	2.009238	.0059150	.2458595
#2	1.413066	.0294939	.3663962	1.999917	.0013075	.2461644
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	1.154544
Stddev	.015209
%RSD	1.317278
#1	1.143790
#2	1.165298
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-6-g du Acquired: 11/26/2021 16:41:26 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1134.290	667.9407	4806.745	4332.506
Stddev	.336	5.4697	9.654	10.654
%RSD	.0295913	.8188884	.2008359	.2459118
#1	1134.052	664.0731	4799.919	4340.039
#2	1134.527	671.8084	4813.571	4324.972

Sample Name: 500-208567-f-6-h ms Acquired: 11/26/2021 16:44:42 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0501425**	**152.3223**	**.1630554**	**.8404595**	**2.626290**	**.0578428**
Stddev	.0002705	.5049	.0010539	.0081004	.007126	.0000105
%RSD	.5394046	.3314420	.6463349	.9638074	.2713441	.0181327
#1	.0503337	151.9654	.1638006	.8461874	2.621251	.0578354
#2	.0499513	152.6793	.1623102	.8347317	2.631329	.0578502
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5988523**	F **813.5747**	**.0536044**	**.8272167**	**.6378346**	**.3383991**
Stddev	.0074434	24.4141	.0008781	.0111805	.0001998	.0021083
%RSD	1.242938	3.000837	1.638209	1.351578	.0313254	.6230292
#1	.6041156	830.8380	.0542254	.8193109	.6376933	.3398900
#2	.5935891	796.3114	.0529835	.8351225	.6379758	.3369083
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4616340**	**210.7202**	**36.04456**	**.6453144**	**407.1661**	**7.888646**
Stddev	.0003228	2.5172	.19761	.0041876	1.7103	.072943
%RSD	.0699207	1.194565	.5482287	.6489247	.4200566	.9246579
#1	.4618623	208.9403	36.18429	.6482754	405.9567	7.837067
#2	.4614058	212.5002	35.90483	.6423533	408.3755	7.940224
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-6-h ms Acquired: 11/26/2021 16:44:42 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7540358**	**21.72610**	**.7816300**	**.3233908**	**.1188846**	**.0741615**
Stddev	.0042734	.13076	.0011907	.0030327	.0021819	.0036844
%RSD	.5667383	.6018647	.1523345	.9377838	1.835284	4.968132
#1	.7570575	21.81856	.7824720	.3255353	.1173418	.0715562
#2	.7510140	21.63364	.7807881	.3212464	.1204274	.0767668
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.809486**	**1.028843**	**1.178427**	F **4.188620**	**.0900511**	**.7608064**
Stddev	.018951	.001612	.028741	.002959	.0006543	.0025437
%RSD	1.047323	.1567282	2.438925	.0706529	.7265990	.3343477
#1	1.822887	1.029983	1.158104	4.190713	.0905138	.7590077
#2	1.796086	1.027702	1.198750	4.186528	.0895884	.7626051
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				3.000000		
Low Limit				-.005000		

Elem	Zn2062
Units	ppm
Avg	**2.226707**
Stddev	.007066
%RSD	.3173435
#1	2.221710
#2	2.231703
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-6-h ms Acquired: 11/26/2021 16:44:42 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1125.405	680.2557	4788.677	4379.245
Stddev	10.744	8.5527	5.268	22.437
%RSD	.9547157	1.257275	.1100041	.5123481
#1	1117.807	674.2081	4792.402	4363.380
#2	1133.002	686.3034	4784.952	4395.111

Sample Name: 500-208567-f-6-i msd Acquired: 11/26/2021 16:48:00 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0535398	157.5635	.1680201	.9326396	2.838699	.0617892
Stddev	.0010044	2.0690	.0020512	.0061021	.023091	.0004090
%RSD	1.875936	1.313108	1.220812	.6542843	.8134333	.6618659
#1	.0528296	156.1005	.1694706	.9283248	2.822371	.0615000
#2	.0542500	159.0265	.1665697	.9369544	2.855027	.0620784
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6592156	F 811.1165	.0567522	.8471079	.6912399	.3582400
Stddev	.0004587	10.7146	.0001062	.0184319	.0006791	.0009009
%RSD	.0695806	1.320973	.1870517	2.175866	.0982477	.2514921
#1	.6588913	803.5401	.0566771	.8340745	.6917201	.3588771
#2	.6595399	818.6929	.0568273	.8601412	.6907597	.3576030
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5210116	197.2610	39.01817	.7133418	415.4406	7.762238
Stddev	.0000652	1.4634	.42113	.0095191	3.3478	.049122
%RSD	.0125062	.7418521	1.079327	1.334436	.8058407	.6328300
#1	.5209655	196.2263	38.72039	.7066108	413.0733	7.727503
#2	.5210576	198.2958	39.31596	.7200728	417.8078	7.796972
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-6-i msd Acquired: 11/26/2021 16:48:00 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8290593**	**22.38230**	**.8322680**	**.3039477**	**.1414192**	**.0811100**
Stddev	.0033849	.25864	.0007715	.0019629	.0006618	.0065902
%RSD	.4082839	1.155550	.0927033	.6458105	.4679599	8.125025
#1	.8266659	22.19941	.8317225	.3053357	.1418872	.0764500
#2	.8314528	22.56518	.8328136	.3025597	.1409513	.0857700
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.718178**	**1.129473**	**1.289022**	F **3.989742**	**.0924908**	**.7535305**
Stddev	.010911	.002339	.002260	.005669	.0021053	.0009069
%RSD	.6350147	.2071258	.1753652	.1420914	2.276233	.1203567
#1	1.710463	1.131127	1.287423	3.993751	.0939795	.7541718
#2	1.725893	1.127819	1.290620	3.985734	.0910021	.7528892
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				3.000000		
Low Limit				-.005000		

Elem	Zn2062
Units	ppm
Avg	**1.912628**
Stddev	.001932
%RSD	.1010383
#1	1.913994
#2	1.911261
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-6-i msd Acquired: 11/26/2021 16:48:00 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1114.368	677.7803	4813.782	4403.374
Stddev	6.877	6.5259	12.290	.210
%RSD	.6171463	.9628371	.2553051	.0047778
#1	1119.231	682.3948	4805.092	4403.523
#2	1109.505	673.1658	4822.473	4403.225

Sample Name: 500-208567-f-7-f Acquired: 11/26/2021 16:51:19 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051195	102.8918	.0614728	.0351552	.7844432	.0087460	-.005639
Stddev	.0000213	1.2750	.0010588	.0003325	.0071001	.0001527	.001231
%RSD	.4157991	1.239147	1.722434	.9457318	.9051092	1.745469	21.83725
#1	.0051346	101.9903	.0607241	.0353903	.7794227	.0088539	-.004768
#2	.0051045	103.7934	.0622215	.0349201	.7894637	.0086380	-.006509
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	55.36980	.0028880	1.018088	.1471626	.1946276	.2024451	207.0245
Stddev	.69333	.0001511	.016187	.0007533	.0011500	.0009556	2.7792
%RSD	1.252182	5.231877	1.589926	.5118907	.5908449	.4720142	1.342457
#1	54.87954	.0027812	1.006642	.1466299	.1938145	.2017694	205.0593
#2	55.86006	.0029949	1.029534	.1476952	.1954408	.2031208	208.9897
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.05313	.1165579	43.34752	4.698281	.0149352	18.88441	.2582020
Stddev	.03251	.0005250	.33622	.043493	.0005378	.02258	.0027154
%RSD	.1800802	.4503916	.7756348	.9257180	3.601079	.1195444	1.051644
#1	18.03014	.1161867	43.10978	4.667527	.0145549	18.86845	.2562819
#2	18.07612	.1169291	43.58526	4.729035	.0153155	18.90037	.2601220
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208567-f-7-f Acquired: 11/26/2021 16:51:19 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1923382	.0043430	.0010588	1.217560	.0323588	.1003739	1.831065
Stddev	.0020548	.0029890	.0000698	.003140	.0023357	.0000676	.005476
%RSD	1.068302	68.82241	6.590508	.2578565	7.218247	.0673606	.2990448
#1	.1937912	.0022295	.0011081	1.215340	.0340104	.1003261	1.827193
#2	.1908853	.0064565	.0010094	1.219780	.0307072	.1004217	1.834937
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0073783	.2584495	.8340760
Stddev	.0007265	.0001299	.0043733
%RSD	9.845998	.0502546	.5243225
#1	.0068646	.2585413	.8309836
#2	.0078920	.2583576	.8371684
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1408.808	788.2895	5604.020	4871.037
Stddev	4.449	5.5961	28.693	27.179
%RSD	.3158107	.7099034	.5120071	.5579759
#1	1405.662	784.3324	5624.309	4851.818
#2	1411.954	792.2465	5583.731	4890.256

Sample Name: 500-208567-f-8-f Acquired: 11/26/2021 16:54:29 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029181	108.3352	.0625724	.1060508	.3379283	.0080775
Stddev	.0007546	.4490	.0011972	.0003751	.0003968	.0000895
%RSD	25.85858	.4144243	1.913306	.3536614	.1174250	1.107706
#1	.0034517	108.0177	.0634189	.1063160	.3376477	.0080142
#2	.0023846	108.6526	.0617258	.1057856	.3382089	.0081407
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010863	F 1347.833	.0022307	.6302826	.1145437	.1720496
Stddev	.005195	58.223	.0001865	.0114309	.0004602	.0014096
%RSD	47.81798	4.319738	8.360779	1.813619	.4017476	.8192921
#1	-.014537	1389.002	.0023626	.6383655	.1148691	.1710529
#2	-.007190	1306.663	.0020989	.6221997	.1142183	.1730463
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2332397	193.7275	19.39572	.2588850	F 649.8653	5.339995
Stddev	.0021541	.5791	.09928	.0010504	.6799	.003608
%RSD	.9235671	.2989437	.5118728	.4057477	.1046286	.0675673
#1	.2347629	193.3180	19.46592	.2596278	649.3845	5.337444
#2	.2317165	194.1370	19.32552	.2581422	650.3461	5.342547
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					600.0000	
Low Limit					-.100000	

Sample Name: 500-208567-f-8-f Acquired: 11/26/2021 16:54:29 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161706	12.59050	.2861293	.1143142	.0038802	-.000534
Stddev	.0001544	.08563	.0024512	.0005225	.0064544	.000939
%RSD	.9550438	.6801306	.8566752	.4570686	166.3410	175.8318
#1	.0160614	12.65106	.2843961	.1139448	-.000684	-.001198
#2	.0162798	12.52995	.2878626	.1146837	.008444	.000130
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.133272	.0393122	.7404568	2.618161	.0030621	.2322170
Stddev	.016992	.0022572	.0034782	.005954	.0001344	.0014583
%RSD	1.499353	5.741773	.4697330	.2273953	4.390845	.6279937
#1	1.145287	.0377161	.7379974	2.622371	.0029671	.2332482
#2	1.121257	.0409083	.7429162	2.613951	.0031572	.2311859
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.5014477
Stddev	.0036339
%RSD	.7246898
#1	.4988781
#2	.5040172
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-8-f Acquired: 11/26/2021 16:54:29 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1033.955	635.8436	4519.629	4221.664
Stddev	7.463	6.8301	35.040	27.191
%RSD	.7217807	1.074187	.7752785	.6440768
#1	1028.678	631.0140	4494.852	4202.437
#2	1039.232	640.6732	4544.406	4240.891

Sample Name: 500-208567-f-9-f Acquired: 11/26/2021 16:57:51 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032785	115.2883	.0556061	.1265453	.4040202	.0083722
Stddev	.0013869	.0042	.0040819	.0005001	.0011010	.0000379
%RSD	42.30185	.0036062	7.340672	.3952189	.2725008	.4526269
#1	.0022979	115.2912	.0527198	.1261916	.4032417	.0083454
#2	.0042592	115.2854	.0584924	.1268989	.4047987	.0083990
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012976	F 1160.373	.0018931	.6838304	.0977991	.1995271
Stddev	.001309	15.784	.0002420	.0268523	.0003617	.0011045
%RSD	10.09163	1.360248	12.78267	3.926754	.3698636	.5535348
#1	-.012050	1171.534	.0020642	.6648429	.0980549	.2003080
#2	-.013902	1149.212	.0017220	.7028178	.0975434	.1987461
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1832244	186.1804	21.12497	.2557156	522.9765	4.479906
Stddev	.0018882	1.7751	.22621	.0034789	2.4206	.049005
%RSD	1.030551	.9534069	1.070812	1.360446	.4628475	1.093889
#1	.1818893	184.9252	21.28492	.2581756	521.2649	4.445254
#2	.1845596	187.4355	20.96501	.2532557	524.6882	4.514557
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-9-f Acquired: 11/26/2021 16:57:51 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080544	4.934306	.2450573	.0901669	.0067309	-.001185
Stddev	.0007816	.056260	.0026304	.0003413	.0013111	.000989
%RSD	9.703923	1.140189	1.073396	.3785628	19.47897	83.39683
#1	.0086071	4.974089	.2431973	.0904083	.0058038	-.001884
#2	.0075017	4.894524	.2469173	.0899256	.0076580	-.000486
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.232698	.0385091	.6680138	2.808277	-.000059	.2526837
Stddev	.002562	.0021111	.0020525	.004710	.001493	.0011186
%RSD	.2077985	5.482066	.3072556	.1677329	2532.830	.4426692
#1	1.234510	.0370163	.6665625	2.804946	.000996	.2518928
#2	1.230887	.0400018	.6694652	2.811608	-.001114	.2534747
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.5150279
Stddev	.0041875
%RSD	.8130708
#1	.5120668
#2	.5179889
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-9-f Acquired: 11/26/2021 16:57:51 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1073.283	644.2773	4573.052	4244.962
Stddev	4.442	4.8827	40.536	42.271
%RSD	.4138727	.7578502	.8864063	.9957988
#1	1070.142	640.8247	4601.715	4215.072
#2	1076.424	647.7299	4544.389	4274.852

Sample Name: 500-208567-f-10-f Acquired: 11/26/2021 17:01:08 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036508	125.3236	.1164944	.1223420	.7495113	.0102090
Stddev	.0001227	1.7269	.0023524	.0013738	.0049390	.0002525
%RSD	3.361777	1.377938	2.019282	1.122925	.6589647	2.473447
#1	.0035641	124.1025	.1181577	.1213705	.7460189	.0103875
#2	.0037376	126.5447	.1148310	.1233134	.7530037	.0100304
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003833	F 1065.877	.0044322	.7514837	.1564657	.1965460
Stddev	.002441	10.969	.0001380	.0044492	.0005018	.0003596
%RSD	63.69888	1.029062	3.114491	.5920553	.3207208	.1829584
#1	-.002106	1073.633	.0043346	.7546297	.1561109	.1962917
#2	-.005559	1058.122	.0045298	.7483376	.1568205	.1968003
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2828275	258.0080	26.01458	.2308538	523.8870	5.814823
Stddev	.0010133	2.9125	.35676	.0027453	4.1258	.042754
%RSD	.3582830	1.128852	1.371371	1.189193	.7875436	.7352662
#1	.2835440	255.9485	25.76232	.2289125	520.9696	5.784591
#2	.2821110	260.0675	26.26685	.2327950	526.8044	5.845055
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-10-f Acquired: 11/26/2021 17:01:08 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0388285	8.924554	.3844273	.2024282	.0050463	.0038561
Stddev	.0006125	.115753	.0039168	.0006326	.0032532	.0058809
%RSD	1.577406	1.297018	1.018871	.3124997	64.46776	152.5111
#1	.0392616	8.842705	.3871969	.2019809	.0027459	-.000302
#2	.0383954	9.006404	.3816577	.2028755	.0073466	.008014
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.023361	.0346977	.5567660	1.549470	.0047327	.2450180
Stddev	.000422	.0045238	.0013722	.001788	.0023266	.0015558
%RSD	.0412019	13.03769	.2464530	.1153664	49.16118	.6349683
#1	1.023063	.0378965	.5577363	1.550734	.0063779	.2439179
#2	1.023659	.0314989	.5557957	1.548206	.0030875	.2461182
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	1.183511
Stddev	.004111
%RSD	.3473252
#1	1.186418
#2	1.180605
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-10-f Acquired: 11/26/2021 17:01:08 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1082.171	669.2921	4772.945	4428.147
Stddev	8.084	2.6374	35.707	.474
%RSD	.7470356	.3940526	.7481121	.0106951
#1	1087.887	671.1570	4747.697	4428.482
#2	1076.454	667.4272	4798.194	4427.812

Sample Name: 500-208567-f-11-f Acquired: 11/26/2021 17:04:24 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0041744**	**125.8639**	**.1124372**	**.0896713**	**.8856919**	**.0098929**
Stddev	.0009123	2.1349	.0024213	.0010021	.0091880	.0000045
%RSD	21.85507	1.696221	2.153492	1.117466	1.037387	.0451981
#1	.0035293	124.3542	.1107251	.0889628	.8791949	.0098898
#2	.0048195	127.3735	.1141494	.0903799	.8921888	.0098961
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.007002**	F **857.3265**	**.0064812**	**.7809168**	**.1223119**	**.1918228**
Stddev	.000562	36.6073	.0004820	.0165387	.0007827	.0006605
%RSD	8.033165	4.269933	7.437004	2.117862	.6399244	.3443217
#1	-.007400	831.4412	.0068220	.7692221	.1228654	.1913558
#2	-.006604	883.2117	.0061404	.7926115	.1217584	.1922899
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2820058**	**242.9361**	**19.36730**	**.1721071**	**399.1295**	**5.431958**
Stddev	.0010539	2.6591	.42159	.0041627	4.2961	.048449
%RSD	.3737114	1.094553	2.176821	2.418691	1.076370	.8919205
#1	.2827510	241.0559	19.06919	.1691636	396.0917	5.397700
#2	.2812606	244.8164	19.66541	.1750506	402.1673	5.466217
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-11-f Acquired: 11/26/2021 17:04:24 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197995	9.809622	.3074874	.2660681	.0046090	-.001012
Stddev	.0008420	.223338	.0023972	.0071834	.0020565	.005816
%RSD	4.252538	2.276721	.7795947	2.699831	44.61831	574.8165
#1	.0203948	9.651699	.3057923	.2609887	.0060631	.003101
#2	.0192041	9.967546	.3091824	.2711475	.0031549	-.005125
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.100450	.0320385	.5457364	1.902606	.0044350	.2692012
Stddev	.004903	.0053919	.0011485	.000032	.0011329	.0003074
%RSD	.4455090	16.82954	.2104406	.0016867	25.54370	.1141914
#1	1.096983	.0358512	.5465485	1.902629	.0036340	.2689839
#2	1.103917	.0282259	.5449243	1.902583	.0052361	.2694186
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	1.330054
Stddev	.002009
%RSD	.1510822
#1	1.331475
#2	1.328633
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-11-f Acquired: 11/26/2021 17:04:24 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1123.965	685.1581	4881.389	4467.826
Stddev	.089	1.3669	25.869	11.893
%RSD	.0079423	.1994995	.5299470	.2661868
#1	1124.028	684.1916	4863.097	4476.235
#2	1123.902	686.1246	4899.681	4459.416

Sample Name: 500-208567-f-12-f Acquired: 11/26/2021 17:07:41 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029042	122.9889	.0995273	.1075219	.8588328	.0092168
Stddev	.0003167	1.9556	.0017356	.0000291	.0094436	.0000069
%RSD	10.90338	1.590054	1.743789	.0270842	1.099580	.0752040
#1	.0031281	121.6061	.0983001	.1075013	.8521552	.0092217
#2	.0026803	124.3718	.1007545	.1075425	.8655104	.0092119
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006702	F 970.5825	.0052167	.7567996	.1225173	.1889875
Stddev	.002265	.3752	.0004281	.0070824	.0011293	.0006704
%RSD	33.79848	.0386559	8.205556	.9358408	.9217038	.3547291
#1	-.008303	970.8478	.0055194	.7618076	.1233158	.1894615
#2	-.005100	970.3172	.0049140	.7517915	.1217188	.1885134
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2494292	227.1886	22.96147	.1920913	492.8764	5.671452
Stddev	.0042128	2.1111	.39303	.0033865	5.0126	.044231
%RSD	1.688963	.9292138	1.711696	1.762960	1.017010	.7798801
#1	.2524081	225.6959	22.68356	.1896967	489.3320	5.640176
#2	.2464503	228.6814	23.23939	.1944859	496.4209	5.702728
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-12-f Acquired: 11/26/2021 17:07:41 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0204472**	**9.149680**	**.3147456**	**.2189638**	**.0028867**	**-.001769**
Stddev	.0010182	.161346	.0018173	.0029114	.0000189	.004599
%RSD	4.979850	1.763405	.5773897	1.329609	.6554990	260.0426
#1	.0211672	9.035591	.3134606	.2169052	.0028733	.001484
#2	.0197272	9.263769	.3160307	.2210225	.0029001	-.005021
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.071892**	**.0338948**	**.4820029**	**1.919774**	**.0010152**	**.2630804**
Stddev	.009789	.0023541	.0040623	.015242	.0023156	.0030967
%RSD	.9132225	6.945234	.8427982	.7939263	228.1012	1.177099
#1	1.064971	.0355594	.4848754	1.930552	.0026525	.2652701
#2	1.078814	.0322302	.4791304	1.908997	-.000622	.2608907
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**1.154889**
Stddev	.003477
%RSD	.3010572
#1	1.152430
#2	1.157347
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-12-f Acquired: 11/26/2021 17:07:41 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1097.979	675.2791	4817.759	4453.365
Stddev	.618	.8120	31.278	7.005
%RSD	.0562617	.1202452	.6492210	.1572880
#1	1098.416	674.7050	4795.642	4458.318
#2	1097.542	675.8533	4839.876	4448.412

Sample Name: CCV Acquired: 11/26/2021 17:10:57 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4943776**	**47.39311**	**.4877555**	**.4986983**	**.4927096**	**.5007120**
Stddev	.0018533	.38897	.0104035	.0109452	.0031652	.0069448
%RSD	.3748790	.8207343	2.132927	2.194760	.6424158	1.386977
#1	.4930671	47.11807	.4951119	.5064378	.4904715	.4958013
#2	.4956881	47.66816	.4803992	.4909589	.4949478	.5056226
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5089792**	**23.86816**	**.4935702**	F **.0927440**	**.5138460**	**.4775665**
Stddev	.0164250	.52925	.0130462	.0093912	.0154352	.0075409
%RSD	3.227044	2.217384	2.643226	10.12594	3.003847	1.579032
#1	.5205935	23.49392	.5027953	.0861035	.5247603	.4722343
#2	.4973650	24.24239	.4843452	.0993846	.5029317	.4828987
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5139549**	**24.22024**	**49.52254**	**3.824313**	**24.56731**	**4.849010**
Stddev	.0096229	.65181	.58451	.045449	.15347	.084869
%RSD	1.872325	2.691163	1.180288	1.188422	.6246795	1.750242
#1	.5207593	23.75935	49.93585	3.856450	24.45880	4.788998
#2	.5071505	24.68114	49.10923	3.792176	24.67583	4.909021
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/26/2021 17:10:57 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4610954	24.68678	.5060309	.5058964	.4571749	.4805916
Stddev	.0110808	.29002	.0164465	.0125124	.0113272	.0098416
%RSD	2.403144	1.174800	3.250107	2.473320	2.477660	2.047814
#1	.4689307	24.89186	.5176604	.5147441	.4651845	.4875507
#2	.4532601	24.48171	.4944015	.4970488	.4491653	.4736325
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .2782634	.5019105	.4962744	.4837768	.4999078	4.886073
Stddev	.0070298	.0154901	.0041115	.0026210	.0174118	.015950
%RSD	2.526330	3.086222	.8284657	.5417799	3.483002	.3264288
#1	.2832342	.5128637	.4991816	.4856301	.5122198	4.874795
#2	.2732925	.4909574	.4933671	.4819234	.4875958	4.897351
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	.5168880
Stddev	.0184688
%RSD	3.573073
#1	.5299474
#2	.5038286
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/26/2021 17:10:57 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1569.486	701.6407	4761.029	4323.729
Stddev	22.635	5.7418	80.760	12.921
%RSD	1.442195	.8183364	1.696280	.2988313
#1	1553.480	697.5806	4703.923	4314.593
#2	1585.491	705.7007	4818.135	4332.865

Sample Name: CCB Acquired: 11/26/2021 17:14:05 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006785	.0379822	.0014377	.0015665	.0001250	-.000011	-.000196
Stddev	.0000889	.0039984	.0020744	.0003795	.0000246	.000012	.000059
%RSD	13.10023	10.52694	144.2843	24.22482	19.66475	107.2145	30.06253
#1	.0006157	.0408095	-.000029	.0018348	.0001076	-.000003	-.000154
#2	.0007414	.0351550	.002905	.0012982	.0001423	-.000020	-.000238
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002537	.0000739	-.003506	-.000196	-.000819	.0013662	-.022776
Stddev	.000302	.0000350	.004194	.000388	.001695	.0000401	.023258
%RSD	11.91517	47.27630	119.6337	197.5180	206.9672	2.935773	102.1158
#1	-.002751	.0000492	-.006471	-.000470	-.002017	.0013946	-.006330
#2	-.002323	.0000986	-.000540	.000078	.000379	.0013378	-.039221
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078549	.0006683	-.013921	.0006886	.0001149	.0082122	.0004605
Stddev	.0014113	.0001072	.000330	.0001213	.0001111	.0013657	.0000637
%RSD	17.96712	16.03634	2.373817	17.61229	96.75136	16.62972	13.82917
#1	.0088529	.0007440	-.013687	.0007744	.0001935	.0091778	.0005055
#2	.0068570	.0005925	-.014155	.0006029	.0000363	.0072465	.0004155
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 11/26/2021 17:14:05 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001693	.0020772	.0008987	-.006095	.0003614	.0000417	.0009890
Stddev	.001080	.0012075	.0025391	.000373	.0006983	.0000115	.0002114
%RSD	63.80934	58.13411	282.5311	6.119428	193.2437	27.60835	21.37871
#1	-.000929	.0029310	-.000897	-.006359	-.000132	.0000335	.0011385
#2	-.002457	.0012233	.002694	-.005831	.000855	.0000498	.0008395
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0018946	.0006420	-.000228
Stddev	.0013774	.0004521	.000345
%RSD	72.69712	70.42503	151.1050
#1	.0028686	.0009616	.000016
#2	.0009207	.0003223	-.000472
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1776.210	718.2293	5006.049	4360.241
Stddev	1.618	.7027	53.720	10.937
%RSD	.0910677	.0978414	1.073097	.2508277
#1	1775.066	717.7324	4968.063	4367.975
#2	1777.354	718.7262	5044.034	4352.508

Sample Name: 500-208567-f-13-f Acquired: 11/26/2021 17:17:24 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023087	123.2960	.1200769	.0714265	.8143801	.0083463
Stddev	.0012684	2.1092	.0043202	.0012133	.0113397	.0000729
%RSD	54.94231	1.710709	3.597864	1.698695	1.392432	.8738058
#1	.0014117	121.8045	.1170220	.0705686	.8063618	.0082948
#2	.0032056	124.7874	.1231317	.0722845	.8223985	.0083979
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006104	F 735.1762	.0036923	.7243082	.1347867	.1887155
Stddev	.003772	28.9026	.0000405	.0113826	.0004495	.0012727
%RSD	61.79322	3.931382	1.097011	1.571520	.3334949	.6743959
#1	-.003437	714.7390	.0036637	.7323570	.1344688	.1896154
#2	-.008772	755.6134	.0037210	.7162595	.1351045	.1878156
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2567024	240.0551	15.50084	.1583457	381.3947	4.993431
Stddev	.0019323	1.0468	.22510	.0022451	3.8373	.029228
%RSD	.7527569	.4360831	1.452184	1.417826	1.006126	.5853267
#1	.2553360	239.3148	15.34167	.1567582	378.6813	4.972764
#2	.2580688	240.7953	15.66001	.1599333	384.1081	5.014099
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-13-f Acquired: 11/26/2021 17:17:24 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195301	10.78260	.3000436	.2252838	.0049540	.0001096
Stddev	.0005846	.14756	.0008679	.0059745	.0003841	.0061999
%RSD	2.993326	1.368510	.2892633	2.651991	7.752707	5655.181
#1	.0191168	10.67826	.2994299	.2295085	.0052256	.0044936
#2	.0199435	10.88695	.3006573	.2210592	.0046825	-.004274
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.292986	.0319137	.3891615	2.562199	.0054918	.2835519
Stddev	.002586	.0033379	.0002806	.000408	.0010982	.0003197
%RSD	.2000089	10.45910	.0720969	.0159106	19.99698	.1127554
#1	1.294815	.0342739	.3889631	2.561911	.0062683	.2837779
#2	1.291157	.0295534	.3893599	2.562488	.0047153	.2833258
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	1.062376
Stddev	.001920
%RSD	.1806866
#1	1.061019
#2	1.063734
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-13-f Acquired: 11/26/2021 17:17:24 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1129.343	649.2251	4725.250	4297.950
Stddev	6.167	4.1714	53.558	16.204
%RSD	.5460430	.6425138	1.133447	.3770122
#1	1124.983	646.2755	4763.122	4309.408
#2	1133.704	652.1747	4687.379	4286.492

Sample Name: 500-208567-f-14-f Acquired: 11/26/2021 17:20:40 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030979	132.3419	.0787319	.1235935	.4477305	.0101951
Stddev	.0004725	1.8091	.0021293	.0010175	.0050317	.0001572
%RSD	15.25127	1.366953	2.704483	.8232667	1.123814	1.541682
#1	.0034320	131.0627	.0772263	.1228741	.4441726	.0100840
#2	.0027638	133.6211	.0802376	.1243130	.4512885	.0103063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005118	F 1165.526	.0026991	.7618810	.1133411	.1945422
Stddev	.001252	19.554	.0001853	.0091106	.0002734	.0007760
%RSD	24.46570	1.677675	6.866891	1.195798	.2411977	.3988661
#1	-.004232	1151.700	.0028301	.7554389	.1131478	.1939935
#2	-.006003	1179.353	.0025680	.7683232	.1135344	.1950909
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2331527	229.7709	27.33985	.2649143	517.8547	4.757059
Stddev	.0019139	2.7347	.36175	.0027847	5.3504	.055477
%RSD	.8208841	1.190178	1.323163	1.051177	1.033185	1.166208
#1	.2345060	227.8372	27.08405	.2629452	514.0714	4.717831
#2	.2317994	231.7046	27.59565	.2668834	521.6380	4.796287
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-14-f Acquired: 11/26/2021 17:20:40 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0280015	9.943868	.2926900	.1315938	.0082668	-.004036
Stddev	.0001890	.119843	.0001149	.0008423	.0004829	.000754
%RSD	.6748175	1.205194	.0392548	.6400972	5.841648	18.69040
#1	.0281352	9.859126	.2927712	.1321895	.0079253	-.004570
#2	.0278679	10.02861	.2926087	.1309982	.0086082	-.003503
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.345756	.0345538	.6006162	1.895122	.0043580	.2540118
Stddev	.006702	.0007583	.0017284	.002128	.0036824	.0005155
%RSD	.4980320	2.194692	.2877628	.1122731	84.49651	.2029278
#1	1.341017	.0350900	.6018383	1.893618	.0017542	.2543763
#2	1.350495	.0340175	.5993941	1.896627	.0069618	.2536473
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.6900602
Stddev	.0010095
%RSD	.1462980
#1	.6893463
#2	.6907740
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-14-f Acquired: 11/26/2021 17:20:40 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1071.167	647.0178	4613.782	4287.019
Stddev	4.728	2.9652	17.985	6.654
%RSD	.4413584	.4582808	.3898187	.1552018
#1	1074.510	649.1145	4601.065	4291.724
#2	1067.824	644.9212	4626.500	4282.314

Sample Name: 500-208567-f-15-f Acquired: 11/26/2021 17:23:58 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029122	96.06725	.1204620	.0992481	.3619534	.0082116
Stddev	.0012509	1.51991	.0002923	.0001980	.0033344	.0001049
%RSD	42.95379	1.582127	.2426441	.1995144	.9212357	1.277575
#1	.0020277	94.99251	.1206686	.0991081	.3595956	.0081374
#2	.0037968	97.14198	.1202553	.0993881	.3643112	.0082857
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006022	F 1749.525	.0033914	.6446969	.1071672	.1435884
Stddev	.002807	12.439	.0004239	.0055251	.0005257	.0020271
%RSD	46.61825	.7110200	12.49996	.8570084	.4905109	1.411728
#1	-.004037	1740.729	.0030916	.6486038	.1075389	.1421550
#2	-.008006	1758.321	.0036911	.6407901	.1067955	.1450217
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2038917	227.3305	19.64064	.1889736	F 909.7926	11.04981
Stddev	.0015143	.3383	.24039	.0026754	1.9593	.00931
%RSD	.7427199	.1488323	1.223945	1.415782	.2153588	.0842471
#1	.2049625	227.0913	19.47066	.1870818	908.4071	11.05640
#2	.2028209	227.5698	19.81063	.1908654	911.1780	11.04323
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					600.0000	
Low Limit					-.100000	

Sample Name: 500-208567-f-15-f Acquired: 11/26/2021 17:23:58 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0363074	8.753865	.2914571	.1284815	.0095743	-.002181
Stddev	.0011238	.097958	.0019332	.0056622	.0032631	.009679
%RSD	3.095102	1.119020	.6632909	4.407001	34.08135	443.8468
#1	.0355128	8.684598	.2928240	.1324853	.0118817	.004663
#2	.0371020	8.823131	.2900901	.1244777	.0072670	-.009025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.267431	.0313903	.6460457	1.336832	.0036438	.2022508
Stddev	.022117	.0041326	.0017679	.002613	.0114489	.0000274
%RSD	1.745041	13.16529	.2736564	.1954445	314.2037	.0135536
#1	1.251792	.0284681	.6472958	1.334984	-.004452	.2022314
#2	1.283071	.0343125	.6447956	1.338679	.011739	.2022701
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.6791681
Stddev	.0030428
%RSD	.4480228
#1	.6813197
#2	.6770165
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-15-f Acquired: 11/26/2021 17:23:58 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	960.1544	636.5617	4536.387	4415.637
Stddev	5.2740	8.6727	46.378	4.962
%RSD	.5492879	1.362423	1.022349	.1123791
#1	963.8837	642.6942	4503.593	4412.128
#2	956.4251	630.4292	4569.181	4419.146

Sample Name: 500-208567-f-16-f Acquired: 11/26/2021 17:27:14 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033935	130.1958	.1331767	.1222778	.4934948	.0100318
Stddev	.0011280	2.2985	.0018570	.0002207	.0053089	.0002236
%RSD	33.23937	1.765399	1.394412	.1805245	1.075766	2.228634
#1	.0025959	128.5705	.1318636	.1221217	.4897409	.0098737
#2	.0041912	131.8211	.1344898	.1224339	.4972488	.0101899
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000260	F 1127.536	.0025516	.7800155	.1261342	.1947502
Stddev	.000819	33.233	.0000137	.0003389	.0005225	.0007196
%RSD	315.6330	2.947427	.5357003	.0434473	.4142114	.3694989
#1	.000320	1104.036	.0025419	.7802552	.1257647	.1952590
#2	-.000839	1151.035	.0025612	.7797759	.1265036	.1942414
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2487097	259.4995	26.54343	.2676172	545.5679	5.077270
Stddev	.0003159	.0578	.68319	.0065318	3.4786	.008406
%RSD	.1270183	.0222877	2.573852	2.440729	.6376128	.1655637
#1	.2489331	259.4586	26.06034	.2629985	543.1082	5.071326
#2	.2484864	259.5404	27.02652	.2722359	548.0277	5.083214
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-16-f Acquired: 11/26/2021 17:27:14 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0320964	10.89089	.3281622	.1418540	.0057186	-.004018
Stddev	.0014564	.26844	.0027125	.0027995	.0020916	.004519
%RSD	4.537519	2.464833	.8265771	1.973534	36.57497	112.4447
#1	.0310666	10.70107	.3262442	.1398744	.0071976	-.000823
#2	.0331263	11.08070	.3300803	.1438336	.0042397	-.007214
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.145236	.0325858	.5947327	1.928676	.0067663	.2526268
Stddev	.004310	.0046150	.0021758	.000185	.0006849	.0006229
%RSD	.3763781	14.16263	.3658516	.0096004	10.12241	.2465564
#1	1.148284	.0358492	.5962712	1.928807	.0062820	.2530673
#2	1.142188	.0293225	.5931941	1.928545	.0072506	.2521864
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.6806340
Stddev	.0018394
%RSD	.2702458
#1	.6793333
#2	.6819346
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-16-f Acquired: 11/26/2021 17:27:14 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1050.705	641.0747	4598.931	4363.554
Stddev	7.349	6.1510	17.471	13.824
%RSD	.6993991	.9594810	.3798969	.3168091
#1	1045.509	636.7253	4586.577	4373.329
#2	1055.901	645.4241	4611.285	4353.779

Sample Name: 500-208567-f-17-f Acquired: 11/26/2021 17:30:32 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054126	171.3251	.1499106	.1414530	.7540092	.0130787
Stddev	.0006499	.7320	.0039432	.0019436	.0002608	.0000624
%RSD	12.00734	.4272734	2.630399	1.374001	.0345813	.4772199
#1	.0058722	170.8074	.1471223	.1400787	.7538248	.0130346
#2	.0049531	171.8427	.1526989	.1428273	.7541935	.0131229
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002830	F 882.5014	.0041405	.8661321	.2157996	.2458728
Stddev	.002097	47.8160	.0000281	.0108306	.0023146	.0026281
%RSD	74.08157	5.418232	.6779084	1.250459	1.072558	1.068895
#1	-.001348	848.6904	.0041604	.8584736	.2141629	.2440144
#2	-.004313	916.3124	.0041207	.8737905	.2174362	.2477311
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3759838	325.4831	37.32476	.3277063	466.9007	6.152211
Stddev	.0026334	2.8660	.09908	.0010880	1.4588	.046784
%RSD	.7004153	.8805418	.2654411	.3319967	.3124371	.7604341
#1	.3778459	323.4565	37.39482	.3284756	465.8692	6.119131
#2	.3741217	327.5097	37.25471	.3269370	467.9322	6.185292
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-17-f Acquired: 11/26/2021 17:30:32 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0724600	35.35371	.4981111	.2734338	.0060601	.0053935
Stddev	.0001115	.14372	.0028631	.0014393	.0047614	.0036678
%RSD	.1538971	.4065329	.5747933	.5263856	78.56960	68.00392
#1	.0725388	35.45534	.4960865	.2744516	.0026933	.0079869
#2	.0723811	35.25208	.5001356	.2724161	.0094269	.0027999
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.121714	.0404302	.4651668	1.491303	.0107996	.3039469
Stddev	.009096	.0002234	.0021939	.001492	.0073539	.0001056
%RSD	.8109342	.5525908	.4716334	.1000405	68.09375	.0347554
#1	1.115282	.0402722	.4667182	1.492358	.0055997	.3040216
#2	1.128146	.0405882	.4636155	1.490248	.0159996	.3038722
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	1.166825
Stddev	.001495
%RSD	.1281544
#1	1.165768
#2	1.167883
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-17-f Acquired: 11/26/2021 17:30:32 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1084.143	661.0386	4756.769	4368.044
Stddev	5.310	3.1773	34.847	36.767
%RSD	.4897621	.4806469	.7325698	.8417247
#1	1087.897	663.2853	4732.128	4342.046
#2	1080.388	658.7920	4781.409	4394.042

Sample Name: 500-208567-f-18-f Acquired: 11/26/2021 17:33:48 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044684	189.5471	.1272266	.1202813	.8302619	.0134284
Stddev	.0006244	3.2304	.0030940	.0004298	.0084162	.0001724
%RSD	13.97254	1.704248	2.431889	.3573220	1.013682	1.283804
#1	.0049099	187.2629	.1250389	.1199773	.8243108	.0135503
#2	.0040270	191.8313	.1294144	.1205852	.8362131	.0133065
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000650	F 781.4042	.0034954	.9406462	.2375481	.2551194
Stddev	.001823	33.1100	.0000517	.0173855	.0011835	.0009309
%RSD	280.2290	4.237239	1.477946	1.848254	.4982207	.3648850
#1	.000638	757.9919	.0035319	.9529397	.2367113	.2557776
#2	-.001939	804.8165	.0034589	.9283528	.2383850	.2544611
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3442889	325.3264	33.16682	.3038438	380.8001	6.469298
Stddev	.0015662	2.0164	.73262	.0075179	3.5419	.008957
%RSD	.4549245	.6198139	2.208892	2.474252	.9301323	.1384588
#1	.3431814	323.9006	32.64878	.2985278	378.2956	6.462965
#2	.3453964	326.7523	33.68486	.3091597	383.3046	6.475632
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-18-f Acquired: 11/26/2021 17:33:48 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0470710**	**37.80010**	**.5164072**	**.2420972**	**.0046529**	**.0018692**
Stddev	.0009824	.81974	.0017466	.0028857	.0013599	.0042122
%RSD	2.086994	2.168620	.3382297	1.191943	29.22645	225.3443
#1	.0463764	37.22045	.5151721	.2400567	.0036913	.0048477
#2	.0477656	38.37974	.5176422	.2441376	.0056145	-.001109
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.235254**	**.0398139**	**.4289944**	**1.707936**	**.0109051**	**.3160763**
Stddev	.004638	.0007434	.0010006	.003462	.0009247	.0029853
%RSD	.3754765	1.867173	.2332472	.2027231	8.479614	.9444859
#1	1.238534	.0403396	.4282868	1.705488	.0102512	.3181872
#2	1.231975	.0392882	.4297019	1.710384	.0115589	.3139653
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**1.249361**
Stddev	.000874
%RSD	.0699332
#1	1.248743
#2	1.249979
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-18-f Acquired: 11/26/2021 17:33:48 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1111.222	670.5586	4814.563	4409.921
Stddev	5.735	3.8714	39.392	.956
%RSD	.5160660	.5773422	.8181918	.0216673
#1	1115.277	673.2961	4842.417	4409.245
#2	1107.167	667.8211	4786.708	4410.596

Sample Name: 500-208567-f-19-f Acquired: 11/26/2021 17:37:05 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048091	181.5653	.1444299	.1217026	1.006356	.0135074
Stddev	.0002024	.4941	.0001083	.0002503	.002804	.0002509
%RSD	4.209031	.2721309	.0750155	.2056990	.2786781	1.857493
#1	.0049523	181.2159	.1443533	.1215256	1.004373	.0136848
#2	.0046660	181.9147	.1445065	.1218796	1.008339	.0133300
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040221	F 703.7505	.0030344	.9900488	.2206929	.2533309
Stddev	.0012926	17.8395	.0003839	.0105826	.0002589	.0022702
%RSD	32.13671	2.534916	12.65073	1.068901	.1173125	.8961234
#1	.0049361	691.1361	.0027629	.9975318	.2208759	.2517257
#2	.0031081	716.3649	.0033058	.9825657	.2205098	.2549361
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3507995	351.6616	32.09339	.2727596	347.0114	6.622622
Stddev	.0020407	2.8538	.43177	.0036319	1.0609	.052138
%RSD	.5817306	.8115188	1.345354	1.331549	.3057170	.7872788
#1	.3522425	349.6436	32.39870	.2753277	346.2612	6.585754
#2	.3493565	353.6795	31.78808	.2701914	347.7615	6.659489
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-19-f Acquired: 11/26/2021 17:37:05 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0803716**	**34.90418**	**.5210817**	**.2474973**	**.0081512**	**.0043867**
Stddev	.0001108	.47638	.0027027	.0007688	.0010309	.0005135
%RSD	.1378088	1.364820	.5186763	.3106393	12.64699	11.70554
#1	.0802932	35.24103	.5191706	.2480410	.0074223	.0040236
#2	.0804499	34.56733	.5229928	.2469537	.0088802	.0047498
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.184905**	**.0400699**	**.3946260**	**1.645242**	**.0138760**	**.3196415**
Stddev	.003436	.0005546	.0005634	.000262	.0062516	.0014121
%RSD	.2899567	1.384182	.1427564	.0159541	45.05325	.4417733
#1	1.182476	.0404621	.3950243	1.645056	.0182966	.3206400
#2	1.187335	.0396777	.3942276	1.645428	.0094555	.3186430
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**1.149400**
Stddev	.000342
%RSD	.0297377
#1	1.149641
#2	1.149158
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-19-f Acquired: 11/26/2021 17:37:05 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1119.883	703.0602	5023.518	4626.549
Stddev	3.999	4.7884	16.415	39.639
%RSD	.3571134	.6810780	.3267554	.8567718
#1	1122.710	706.4461	5011.911	4598.520
#2	1117.055	699.6743	5035.125	4654.578

Sample Name: 500-208567-f-20-j Acquired: 11/26/2021 17:40:22 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036589	191.7629	.1031878	.1772083	.7659886	.0140729
Stddev	.0008101	.0427	.0014655	.0009900	.0027534	.0001733
%RSD	22.14128	.0222865	1.420269	.5586904	.3594582	1.231198
#1	.0030861	191.7326	.1042241	.1779084	.7640417	.0141954
#2	.0042318	191.7931	.1021515	.1765082	.7679356	.0139503
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038332	F 870.4803	.0031128	.9520136	.2088271	.2719182
Stddev	.0017476	9.4906	.0000631	.0203010	.0014885	.0026284
%RSD	45.59012	1.090271	2.025930	2.132426	.7127881	.9666260
#1	.0050690	863.7695	.0031574	.9376587	.2077745	.2700596
#2	.0025975	877.1912	.0030682	.9663686	.2098796	.2737768
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3326605	316.5716	45.79176	.3447139	432.3725	6.035150
Stddev	.0016612	4.3351	.72429	.0056922	1.6174	.084613
%RSD	.4993786	1.369388	1.581703	1.651294	.3740794	1.401999
#1	.3338352	313.5062	46.30391	.3487390	431.2288	5.975319
#2	.3314859	319.6370	45.27961	.3406889	433.5161	6.094980
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-20-j Acquired: 11/26/2021 17:40:22 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0347485**	**28.62780**	**.4971849**	**.2430374**	**.0058791**	**.0025466**
Stddev	.0009801	.49010	.0001763	.0005289	.0018777	.0027734
%RSD	2.820411	1.711958	.0354668	.2176031	31.93819	108.9046
#1	.0340555	28.97435	.4970602	.2434114	.0045514	.0005855
#2	.0354415	28.28125	.4973096	.2426635	.0072068	.0045077
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.231193**	**.0361771**	**.5160584**	**1.458267**	**.0113816**	**.2997435**
Stddev	.000760	.0049353	.0003213	.000762	.0003568	.0006070
%RSD	.0617614	13.64194	.0622672	.0522677	3.134739	.2024955
#1	1.230655	.0326874	.5162857	1.457728	.0111293	.2993143
#2	1.231731	.0396669	.5158312	1.458806	.0116339	.3001727
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**1.049778**
Stddev	.004567
%RSD	.4349972
#1	1.046549
#2	1.053007
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-20-j Acquired: 11/26/2021 17:40:22 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1102.085	667.9619	4752.118	4396.030
Stddev	1.960	1.0734	10.698	41.596
%RSD	.1778763	.1606933	.2251109	.9462190
#1	1103.471	668.7209	4744.554	4366.617
#2	1100.698	667.2030	4759.682	4425.442

Sample Name: 500-208568-a-1-a Acquired: 11/26/2021 17:43:39 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0024021**	**95.73805**	**.0549823**	**.0131583**	**.7636946**	**.0059280**	**-.009122**
Stddev	.0004584	.56153	.0022241	.0008693	.0055385	.0002346	.003098
%RSD	19.08336	.5865223	4.045049	6.606301	.7252312	3.958090	33.96666
#1	.0020779	95.34099	.0565550	.0125436	.7597783	.0060939	-.011312
#2	.0027262	96.13511	.0534097	.0137730	.7676110	.0057621	-.006931
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**20.11714**	**.0034788**	**.6127622**	**.0805939**	**.1417375**	**.0941068**	**117.3450**
Stddev	.41870	.0002402	.0188235	.0003363	.0008775	.0002455	1.9846
%RSD	2.081323	6.903702	3.071903	.4173223	.6191248	.2608831	1.691240
#1	19.82107	.0033090	.5994520	.0803560	.1411170	.0942805	115.9417
#2	20.41321	.0036486	.6260724	.0808317	.1423580	.0939332	118.7483
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.930541**	**.0689798**	**11.07681**	**7.181457**	**.0082582**	**.5018704**	**.1169125**
Stddev	.091806	.0008933	.06149	.117449	.0001605	.0065909	.0002920
%RSD	1.324654	1.295062	.5550906	1.635453	1.942911	1.313258	.2497718
#1	6.995457	.0696115	11.03333	7.098408	.0081447	.5065308	.1167060
#2	6.865625	.0683481	11.12029	7.264506	.0083716	.4972100	.1171190
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208568-a-1-a Acquired: 11/26/2021 17:43:39 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2295665	.0062243	.0056342	1.087331	.0236738	.0696755	1.141346
Stddev	.0008719	.0004964	.0000993	.006045	.0006078	.0002226	.003092
%RSD	.3797964	7.974603	1.761579	.5559662	2.567212	.3195583	.2708944
#1	.2301831	.0065753	.0057044	1.091606	.0241035	.0698329	1.139160
#2	.2289500	.0058733	.0055640	1.083057	.0232440	.0695180	1.143533
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.002002	.2200248	.5233756
Stddev	.002261	.0009573	.0044380
%RSD	112.9179	.4350774	.8479619
#1	-.000404	.2193479	.5202374
#2	-.003601	.2207017	.5265138
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1499.901	725.8010	5151.381	4498.811
Stddev	5.856	6.1960	40.930	54.641
%RSD	.3904287	.8536750	.7945373	1.214560
#1	1495.761	721.4198	5122.439	4460.174
#2	1504.042	730.1823	5180.322	4537.448

Sample Name: 500-208568-a-2-a Acquired: 11/26/2021 17:46:50 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0023010**	**99.21606**	**.0566203**	**.0148299**	**.8107994**	**.0062035**	**-.009393**
Stddev	.0006022	1.63740	.0036977	.0004950	.0130666	.0004354	.001282
%RSD	26.17085	1.650335	6.530773	3.337944	1.611573	7.019107	13.65099
#1	.0018752	98.05825	.0592350	.0151799	.8015599	.0058956	-.010300
#2	.0027268	100.3739	.0540056	.0144798	.8200389	.0065114	-.008486
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**20.22979**	**.0030706**	**.6132778**	**.0873742**	**.1494457**	**.0958761**	**118.9999**
Stddev	.38614	.0001637	.0092371	.0000415	.0005150	.0000845	2.9031
%RSD	1.908751	5.329809	1.506189	.0474892	.3445726	.0881017	2.439590
#1	19.95675	.0029549	.6067462	.0873449	.1490815	.0958163	116.9471
#2	20.50283	.0031863	.6198095	.0874035	.1498098	.0959358	121.0527
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.662450**	**.0746035**	**10.93944**	**7.503523**	**.0080126**	**.4531565**	**.1192959**
Stddev	.003672	.0002941	.12981	.125425	.0008808	.0004105	.0001437
%RSD	.0479177	.3942752	1.186657	1.671553	10.99207	.0905884	.1204894
#1	7.659854	.0743955	10.84765	7.414833	.0073898	.4528663	.1191943
#2	7.665047	.0748115	11.03123	7.592212	.0086354	.4534468	.1193976
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208568-a-2-a Acquired: 11/26/2021 17:46:50 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2481317	.0049026	.0035915	1.014777	.0274977	.0797690	1.168202
Stddev	.0000405	.0016743	.0002314	.001976	.0000730	.0000396	.001013
%RSD	.0163054	34.15047	6.443654	.1947134	.2653207	.0496196	.0866907
#1	.2481031	.0060865	.0034278	1.013380	.0275493	.0797410	1.167486
#2	.2481603	.0037187	.0037551	1.016174	.0274461	.0797970	1.168918
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0042760	.2225353	.5656215
Stddev	.0020228	.0006682	.0006018
%RSD	47.30590	.3002822	.1064033
#1	.0028457	.2220628	.5651960
#2	.0057064	.2230078	.5660471
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1498.152	726.6115	5188.679	4460.794
Stddev	6.045	1.4676	4.664	13.288
%RSD	.4035169	.2019762	.0898802	.2978866
#1	1493.877	725.5738	5185.381	4451.398
#2	1502.426	727.6493	5191.976	4470.190

Sample Name: CCV Acquired: 11/26/2021 17:50:01 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4933725**	**47.23371**	**.4942627**	**.5046823**	**.4904159**	**.4992439**
Stddev	.0009833	1.15222	.0029912	.0010294	.0088885	.0063498
%RSD	.1993022	2.439407	.6051930	.2039729	1.812431	1.271892
#1	.4926772	46.41897	.4963779	.5039544	.4841308	.4947539
#2	.4940678	48.04845	.4921476	.5054102	.4967009	.5037339
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5180281**	**23.82948**	**.5054460**	F **.0817012**	**.5250769**	**.4783069**
Stddev	.0022160	.03623	.0004814	.0055428	.0001253	.0000381
%RSD	.4277736	.1520474	.0952456	6.784245	.0238596	.0079765
#1	.5164611	23.85510	.5051056	.0856206	.5251655	.4782799
#2	.5195950	23.80386	.5057864	.0777819	.5249883	.4783338
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5125610**	**24.29113**	**49.24654**	**3.805100**	**24.37327**	**4.826395**
Stddev	.0002064	.17824	2.61650	.214111	.55018	.022560
%RSD	.0402765	.7337798	5.313068	5.626949	2.257320	.4674276
#1	.5127070	24.16509	47.39640	3.653700	23.98423	4.810443
#2	.5124150	24.41716	51.09669	3.956499	24.76231	4.842348
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/26/2021 17:50:01 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4713273**	**24.53031**	**.5148270**	**.5144230**	**.4681629**	**.4884780**
Stddev	.0011785	1.33584	.0030533	.0029430	.0005835	.0022568
%RSD	.2500359	5.445676	.5930800	.5720955	.1246383	.4620046
#1	.4721607	23.58573	.5126680	.5123420	.4685756	.4900738
#2	.4704940	25.47489	.5169860	.5165041	.4677503	.4868822
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.2837531**	**.5130389**	**.4950047**	**.4800965**	**.5090419**	**4.890808**
Stddev	.0008001	.0005174	.0005937	.0013308	.0022816	.006974
%RSD	.2819834	.1008414	.1199288	.2772006	.4482061	.1425841
#1	.2843188	.5126730	.4954245	.4791554	.5074286	4.885877
#2	.2831873	.5134047	.4945850	.4810375	.5106552	4.895739
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**.5312319**
Stddev	.0007053
%RSD	.1327581
#1	.5317306
#2	.5307332
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/26/2021 17:50:01 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1551.632	692.8889	4786.533	4326.076
Stddev	5.920	1.4976	18.013	51.591
%RSD	.3815544	.2161352	.3763287	1.192570
#1	1555.818	693.9478	4773.796	4362.557
#2	1547.446	691.8299	4799.270	4289.595

Sample Name: CCB Acquired: 11/26/2021 17:53:07 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004299	.0565891	-.000605	.0012257	.0002580	.0000511	-.000472
Stddev	.0004857	.0254983	.001492	.0004532	.0003403	.0001663	.000116
%RSD	112.9732	45.05869	246.5406	36.97729	131.9048	325.3688	24.47850
#1	.0007733	.0746191	-.001660	.0015462	.0004987	.0001687	-.000391
#2	.0000865	.0385590	.000450	.0009052	.0000174	-.000066	-.000554
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006185	.0001252	-.003663	-.000065	.0001824	.0014004	.0236008
Stddev	.000043	.0000900	.004088	.000421	.0009050	.0004052	.0317067
%RSD	.6963157	71.87398	111.5965	648.7945	496.2609	28.93274	134.3460
#1	-.006155	.0001888	-.000773	-.000363	-.000458	.0016869	.0460208
#2	-.006216	.0000616	-.006554	.000233	.000822	.0011139	.0011807
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023536	.0006939	-.001965	.0010672	.0000145	.0060544	.0010180
Stddev	.0040715	.0002021	.001540	.0002259	.0000702	.0005922	.0000402
%RSD	172.9888	29.12742	78.38293	21.16576	484.9522	9.780704	3.945465
#1	-.000525	.0008368	-.000876	.0012269	.0000641	.0064731	.0010464
#2	.005233	.0005510	-.003054	.0009074	-.000035	.0056357	.0009896
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 11/26/2021 17:53:07 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001678**	**.0010244**	**-.000856**	**-.006540**	**.0005996**	**.0000373**	**.0008102**
Stddev	.000280	.0001041	.003063	.000540	.0002975	.0000070	.0001832
%RSD	16.71018	10.16612	357.7126	8.259626	49.62069	18.86075	22.60800
#1	-.001876	.0009507	.001310	-.006922	.0003892	.0000423	.0009397
#2	-.001479	.0010980	-.003022	-.006158	.0008100	.0000324	.0006806
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**.0014653**	**-.000141**	**-.000480**
Stddev	.0014701	.000279	.000014
%RSD	100.3287	197.5211	2.845559
#1	.0004258	.000056	-.000471
#2	.0025048	-.000339	-.000490
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1788.110**	**722.3682**	**5009.868**	**4362.236**
Stddev	16.861	8.1028	31.602	18.810
%RSD	.9429582	1.121695	.6307890	.4311925
#1	1800.032	728.0977	4987.522	4375.536
#2	1776.187	716.6386	5032.214	4348.936

Sample Name: 500-208568-a-3-a Acquired: 11/26/2021 17:56:27 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020518	77.37024	.0629391	.0304036	.7152583	.0053353	-.008959
Stddev	.0000259	.29163	.0012321	.0002505	.0029427	.0000783	.000113
%RSD	1.262523	.3769235	1.957568	.8240207	.4114145	1.466899	1.266519
#1	.0020701	77.16403	.0638103	.0305808	.7131775	.0053906	-.009039
#2	.0020335	77.57645	.0620679	.0302265	.7173391	.0052799	-.008879
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	77.36248	.0031532	.4606858	.0737521	.1252744	.1192920	113.4107
Stddev	2.22104	.0001381	.0102635	.0003771	.0013217	.0003329	2.2137
%RSD	2.870959	4.378575	2.227863	.5113493	1.055078	.2790748	1.951943
#1	75.79196	.0032509	.4534285	.0734854	.1243398	.1190566	111.8454
#2	78.93300	.0030556	.4679432	.0740188	.1262090	.1195274	114.9760
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.051755	.0678694	21.68102	5.900972	.0104686	.2715141	.1094935
Stddev	.111558	.0010426	.05222	.118869	.0008238	.0072976	.0017554
%RSD	1.385507	1.536175	.2408720	2.014393	7.868817	2.687737	1.603219
#1	8.130639	.0686066	21.64409	5.816919	.0098861	.2766742	.1107348
#2	7.972872	.0671321	21.71795	5.985024	.0110511	.2663539	.1082523
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208568-a-3-a Acquired: 11/26/2021 17:56:27 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3022648	.0043581	.0036299	1.023738	.0253356	.0914293	.9725896
Stddev	.0009700	.0005102	.0004704	.001520	.0016348	.0001799	.0011350
%RSD	.3209222	11.70619	12.95777	.1485016	6.452593	.1967574	.1166940
#1	.3029507	.0039974	.0032973	1.024813	.0241796	.0915565	.9717871
#2	.3015789	.0047189	.0039625	1.022663	.0264916	.0913021	.9733922
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0029876	.1814422	.6053368
Stddev	.0007977	.0009626	.0020498
%RSD	26.69949	.5305030	.3386230
#1	.0035517	.1821228	.6038873
#2	.0024236	.1807615	.6067862
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1439.910	679.1407	4927.804	4206.643
Stddev	4.771	1.2383	10.322	59.916
%RSD	.3313079	.1823391	.2094555	1.424324
#1	1443.283	680.0164	4920.505	4164.276
#2	1436.536	678.2651	4935.102	4249.011

Sample Name: 500-208568-a-4-a Acquired: 11/26/2021 17:59:40 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0039304**	**124.8281**	**.0682600**	**.0144166**	**.9539593**	**.0082553**	**-.006622**
Stddev	.0015524	.9713	.0005525	.0002055	.0046067	.0002499	.000413
%RSD	39.49684	.7780973	.8093563	1.425086	.4828984	3.027676	6.237210
#1	.0050281	124.1413	.0678693	.0142713	.9507020	.0084320	-.006330
#2	.0028327	125.5149	.0686506	.0145619	.9572167	.0080786	-.006914
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**21.17327**	**.0011267**	**.7534546**	**.1413099**	**.1568578**	**.1101903**	**165.5097**
Stddev	.11513	.0001630	.0002392	.0001135	.0005513	.0004411	1.3708
%RSD	.5437397	14.46651	.0317476	.0803162	.3514816	.4002620	.8282576
#1	21.09187	.0010114	.7536238	.1412296	.1572476	.1105022	164.5404
#2	21.25468	.0012420	.7532855	.1413901	.1564679	.1098784	166.4791
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.758407**	**.0976813**	**14.21899**	**9.853246**	**.0071265**	**.2910810**	**.1413947**
Stddev	.054818	.0003017	.04814	.058618	.0002941	.0015225	.0010048
%RSD	.7065687	.3088632	.3385702	.5949126	4.127415	.5230548	.7106597
#1	7.719645	.0974679	14.18495	9.811796	.0073345	.2900044	.1421052
#2	7.797170	.0978946	14.25303	9.894695	.0069185	.2921576	.1406841
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208568-a-4-a Acquired: 11/26/2021 17:59:40 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1399812	.0052533	.0051921	1.078326	.0259892	.0640697	1.511832
Stddev	.0039848	.0010723	.0028069	.005513	.0000835	.0000730	.000642
%RSD	2.846675	20.41188	54.06018	.5112835	.3211212	.1138861	.0424939
#1	.1427989	.0060116	.0071769	1.082225	.0259302	.0641213	1.512287
#2	.1371635	.0044951	.0032074	1.074428	.0260482	.0640181	1.511378
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0042334	.2673362	.4271021
Stddev	.0004802	.0002226	.0029159
%RSD	11.34290	.0832808	.6827125
#1	.0038938	.2671788	.4250403
#2	.0045729	.2674937	.4291640
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1450.007	727.4144	5211.314	4536.945
Stddev	5.974	4.5527	14.012	19.841
%RSD	.4119898	.6258768	.2688678	.4373243
#1	1445.783	724.1952	5201.406	4522.915
#2	1454.231	730.6337	5221.221	4550.975

Sample Name: 500-208568-a-5-a Acquired: 11/26/2021 18:02:52 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019964	73.55185	.0546169	.0180027	.8374893	.0054869	-.007548
Stddev	.0002934	1.07501	.0027435	.0004364	.0069039	.0000070	.001383
%RSD	14.69460	1.461569	5.023069	2.424314	.8243571	.1283903	18.31667
#1	.0017889	72.79170	.0565568	.0176941	.8326075	.0054919	-.008526
#2	.0022038	74.31200	.0526770	.0183113	.8423711	.0054819	-.006571
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.40946	.0024191	.5228884	.0784728	.1263542	.0917674	108.8481
Stddev	.17617	.0002356	.0016703	.0002180	.0017353	.0009424	.8844
%RSD	.5273048	9.739914	.3194307	.2778556	1.373341	1.026910	.8124740
#1	33.28489	.0022525	.5217074	.0783186	.1275812	.0924338	108.2228
#2	33.53403	.0025857	.5240695	.0786270	.1251271	.0911011	109.4734
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.313533	.0576803	12.95427	6.633367	.0073131	.3162905	.1056106
Stddev	.056493	.0006314	.08781	.051766	.0000676	.0061251	.0005599
%RSD	.8947983	1.094690	.6778363	.7803814	.9244221	1.936538	.5301715
#1	6.273586	.0572338	12.89218	6.596763	.0072653	.3119594	.1052147
#2	6.353480	.0581268	13.01636	6.669971	.0073609	.3206215	.1060065
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208568-a-5-a Acquired: 11/26/2021 18:02:52 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1256022	.0028050	.0011573	1.072802	.0248774	.0750822	1.003153
Stddev	.0016842	.0029306	.0025045	.002894	.0004875	.0000591	.001025
%RSD	1.340901	104.4765	216.4136	.2697482	1.959412	.0786783	.1022115
#1	.1267931	.0007328	.0029283	1.070756	.0245328	.0750404	1.003878
#2	.1244113	.0048772	-.000614	1.074849	.0252221	.0751240	1.002428
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0023540	.1877495	.3550885
Stddev	.0018501	.0001106	.0012235
%RSD	78.59179	.0589158	.3445749
#1	.0036623	.1876713	.3542233
#2	.0010458	.1878277	.3559537
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1493.632	705.1478	5042.223	4358.492
Stddev	10.152	4.4585	13.031	18.736
%RSD	.6796633	.6322718	.2584437	.4298692
#1	1500.811	708.3004	5051.437	4345.244
#2	1486.454	701.9952	5033.008	4371.740

Sample Name: mb 500-630664/1-a Acquired: 11/26/2021 18:06:25 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000426**	**.0775190**	**-.007576**	**.0003379**	**.0002539**	**-.000160**	**-.012837**
Stddev	.000920	.0055854	.002572	.0002345	.0000833	.000079	.000542
%RSD	215.9570	7.205220	33.94306	69.40909	32.81779	49.42755	4.225633
#1	.000225	.0735695	-.005758	.0001720	.0003128	-.000104	-.013221
#2	-.001077	.0814685	-.009395	.0005037	.0001950	-.000216	-.012453
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1626757**	**.0008626**	**-.002185**	**-.001012**	**.0078704**	**.0024506**	**.1093512**
Stddev	.0010672	.0001389	.004243	.000129	.0011165	.0004516	.0310350
%RSD	.6560300	16.10284	194.1423	12.70295	14.18596	18.42650	28.38105
#1	.1634304	.0007644	.000815	-.001103	.0086599	.0027698	.0874062
#2	.1619211	.0009609	-.005186	-.000921	.0070810	.0021313	.1312963
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0130918**	**.0001941**	**.0757200**	**.0021037**	**.0011813**	**.0926248**	**.0000521**
Stddev	.0009726	.0001874	.0231821	.0004681	.0003278	.0063711	.0003690
%RSD	7.428905	96.52982	30.61552	22.25188	27.74559	6.878452	708.7979
#1	.0137795	.0003266	.0593278	.0024347	.0009495	.0881197	.0003130
#2	.0124041	.0000616	.0921122	.0017727	.0014130	.0971299	-.000209
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: mb 500-630664/1-a Acquired: 11/26/2021 18:06:25 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004389**	**.0043070**	**-.004692**	**.0067119**	**.0180657**	**.0001657**	**.0020998**
Stddev	.002171	.0012809	.002597	.0012111	.0005580	.0000022	.0001015
%RSD	49.45710	29.73990	55.33951	18.04324	3.088851	1.314060	4.833723
#1	-.005924	.0034012	-.006528	.0075683	.0184603	.0001672	.0020281
#2	-.002854	.0052127	-.002856	.0058556	.0176711	.0001641	.0021716
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**-.002861**	**.0183067**	**.0034911**
Stddev	.000012	.0000911	.0001354
%RSD	.4087983	.4974270	3.877673
#1	-.002869	.0182423	.0033954
#2	-.002852	.0183710	.0035868
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1689.489**	**676.7305**	**4968.597**	**4168.755**
Stddev	18.393	11.3143	89.955	61.827
%RSD	1.088671	1.671908	1.810479	1.483112
#1	1702.495	684.7309	4904.989	4212.473
#2	1676.484	668.7300	5032.206	4125.037

Sample Name: lcs 500-630664/2-a Acquired: 11/26/2021 18:09:46 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0433155	1.925267	.0888538	.8509465	1.997556	.0474748	.4490436
Stddev	.0001132	.030377	.0018916	.0001088	.024574	.0007350	.0026089
%RSD	.2613547	1.577787	2.128916	.0127812	1.230215	1.548140	.5809988
#1	.0432355	1.903787	.0901913	.8510234	1.980180	.0469551	.4508884
#2	.0433956	1.946746	.0875162	.8508695	2.014933	.0479945	.4471988
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.830864	.0474297	.0428666	.4857925	.1975436	.2597317	1.107490
Stddev	.174986	.0001749	.0035981	.0004830	.0001842	.0003224	.016210
%RSD	1.981531	.3687934	8.393807	.0994285	.0932638	.1241182	1.463703
#1	8.707130	.0475534	.0403224	.4861340	.1974133	.2599597	1.118953
#2	8.954598	.0473060	.0454109	.4854509	.1976738	.2595038	1.096028
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.83213	.5341269	9.593343	.4622800	1.000424	10.91832	.4851399
Stddev	.14279	.0083577	.071296	.0084409	.000902	.16380	.0021207
%RSD	1.318220	1.564736	.7431795	1.825940	.0901648	1.500237	.4371378
#1	10.73116	.5282172	9.542929	.4563113	.999786	10.80249	.4866395
#2	10.93310	.5400367	9.643756	.4682486	1.001062	11.03414	.4836403
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: lcs 500-630664/2-a Acquired: 11/26/2021 18:09:46 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0900520	.4887638	.0802562	1.778970	.9494061	.9860344	.9803436
Stddev	.0008923	.0024141	.0001936	.000024	.0014546	.0102901	.0042406
%RSD	.9908672	.4939268	.2412464	.0013276	.1532124	1.043586	.4325588
#1	.0906830	.4870568	.0803931	1.778986	.9483776	.9787582	.9773451
#2	.0894211	.4904709	.0801193	1.778953	.9504347	.9933106	.9833422
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0891444	.4936892	.4797943
Stddev	.0007285	.0008019	.0020526
%RSD	.8172115	.1624367	.4278128
#1	.0886293	.4942563	.4812458
#2	.0896595	.4931222	.4783429
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1583.976	654.6441	4699.818	4037.509
Stddev	3.814	1.5297	5.667	9.187
%RSD	.2407594	.2336710	.1205772	.2275461
#1	1586.673	655.7257	4695.811	4031.013
#2	1581.279	653.5624	4703.825	4044.006

Sample Name: 500-208564-f-6-h Acquired: 11/26/2021 18:13:02 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036392	126.9949	.0393492	.1049190	.4899811	.0091414
Stddev	.0010564	1.7343	.0037517	.0000291	.0036553	.0001851
%RSD	29.02958	1.365619	9.534402	.0277462	.7460164	2.024386
#1	.0043862	125.7686	.0420021	.1049395	.4873964	.0092722
#2	.0028922	128.2212	.0366964	.1048984	.4925658	.0090105
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006655	F 842.5955	.0047357	.7352789	.1003004	.2019090
Stddev	.001228	9.8390	.0000099	.0084666	.0006802	.0018112
%RSD	18.45867	1.167698	.2086913	1.151479	.6781668	.8970558
#1	-.005786	835.6383	.0047427	.7412657	.1007813	.2006282
#2	-.007523	849.5527	.0047287	.7292921	.0998194	.2031897
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1880819	182.0766	24.45285	.2218464	383.5410	4.933807
Stddev	.0036872	1.9242	.45418	.0045293	3.0839	.035113
%RSD	1.960415	1.056831	1.857372	2.041644	.8040730	.7116915
#1	.1906891	180.7160	24.13169	.2186437	381.3603	4.908978
#2	.1854747	183.4373	24.77400	.2250491	385.7217	4.958636
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208564-f-6-h Acquired: 11/26/2021 18:13:02 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086682	35.22791	.2670060	.1117148	.0054826	.0005071
Stddev	.0008341	.55470	.0034151	.0025532	.0015026	.0008724
%RSD	9.622525	1.574612	1.279041	2.285430	27.40717	172.0291
#1	.0080784	34.83568	.2645911	.1099094	.0065451	.0011240
#2	.0092580	35.62015	.2694208	.1135202	.0044201	-.000110
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.235620	.0337698	.4604651	2.624542	.0019171	.2582068
Stddev	.003504	.0020191	.0021242	.004700	.0052318	.0003655
%RSD	.2835795	5.979040	.4613272	.1790631	272.9078	.1415329
#1	1.233142	.0351976	.4619671	2.621219	-.001782	.2579483
#2	1.238097	.0323421	.4589630	2.627865	.005617	.2584652
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.7116957
Stddev	.0009375
%RSD	.1317251
#1	.7123586
#2	.7110328
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208564-f-6-h Acquired: 11/26/2021 18:13:02 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1128.722	658.2618	4713.317	4292.929
Stddev	4.560	3.6636	60.102	4.215
%RSD	.4039842	.5565566	1.275151	.0981774
#1	1131.947	660.8523	4670.819	4289.949
#2	1125.498	655.6712	4755.816	4295.909

Sample Name: 500-208564-f-6-hSD@5 Acquired: 11/26/2021 18:16:20 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000278**	**25.70700**	**.0084346**	**.0271778**	**.1100609**	**.0019010**	**-.002350**
Stddev	.000277	.40967	.0002889	.0004425	.0018330	.0000593	.000261
%RSD	99.69090	1.593600	3.425458	1.628072	1.665472	3.121691	11.10180
#1	-.000082	25.41732	.0082303	.0268649	.1087647	.0018590	-.002535
#2	-.000474	25.99668	.0086389	.0274906	.1113570	.0019429	-.002166
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**194.4170**	**.0012349**	**.1678918**	**.0199273**	**.0481897**	**.0414633**	**41.30726**
Stddev	.1633	.0000758	.0043774	.0000027	.0011820	.0003158	.10698
%RSD	.0839742	6.139013	2.607263	.0134734	2.452726	.7615308	.2589789
#1	194.3016	.0011813	.1709870	.0199254	.0473539	.0412400	41.23161
#2	194.5324	.0012885	.1647965	.0199292	.0490255	.0416865	41.38290
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.357581**	**.0475454**	**93.24454**	**1.120231**	**.0014974**	**7.666381**	**.0562166**
Stddev	.090960	.0008775	1.27973	.012574	.0002156	.133354	.0004913
%RSD	1.697780	1.845606	1.372442	1.122479	14.39884	1.739461	.8738532
#1	5.293263	.0469249	92.33964	1.111340	.0016498	7.572085	.0565640
#2	5.421900	.0481659	94.14945	1.129123	.0013449	7.760676	.0558693
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208564-f-6-hSD@5 Acquired: 11/26/2021 18:16:20 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0234961	-.000102	.0044656	.2779182	.0092281	.1092797	.6284910
Stddev	.0002781	.000794	.0057734	.0048122	.0030232	.0002058	.0003742
%RSD	1.183685	779.2544	129.2862	1.731529	32.76102	.1883148	.0595332
#1	.0236928	-.000663	.0003832	.2745155	.0070903	.1094252	.6282264
#2	.0232995	.000459	.0085480	.2813210	.0113658	.1091342	.6287556
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0018688	.0617735	.1480290
Stddev	.0024151	.0002618	.0001175
%RSD	129.2283	.4237998	.0793482
#1	.0001611	.0619586	.1479459
#2	.0035765	.0615884	.1481120
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1434.468	665.7456	4680.575	4252.254
Stddev	16.965	14.5858	4.625	21.137
%RSD	1.182646	2.190903	.0988073	.4970771
#1	1446.464	676.0593	4677.305	4267.200
#2	1422.473	655.4318	4683.845	4237.307

Sample Name: 500-208564-f-6-i du Acquired: 11/26/2021 18:19:35 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022959**	**130.6818**	**.0302918**	**.1138323**	**.5758735**	**.0092713**
Stddev	.0004594	.5127	.0026013	.0002928	.0000033	.0005594
%RSD	20.00772	.3923582	8.587356	.2572674	.0005762	6.033209
#1	.0026207	131.0443	.0284525	.1140394	.5758759	.0088758
#2	.0019711	130.3192	.0321312	.1136253	.5758712	.0096668
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.009406**	F **942.5467**	**.0039254**	**.7155206**	**.0945204**	**.2010296**
Stddev	.000212	4.9749	.0002283	.0094468	.0007123	.0023233
%RSD	2.256031	.5278103	5.814928	1.320275	.7535744	1.155692
#1	-.009256	946.0644	.0037640	.7088407	.0940167	.1993868
#2	-.009556	939.0289	.0040868	.7222006	.0950240	.2026724
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1819303**	**177.0616**	**25.70405**	**.2352540**	**430.9070**	**4.290122**
Stddev	.0025360	1.1872	.55299	.0061354	.1628	.044096
%RSD	1.393920	.6705119	2.151366	2.607998	.0377860	1.027841
#1	.1837235	176.2221	26.09507	.2395924	430.7919	4.258942
#2	.1801371	177.9011	25.31303	.2309157	431.0221	4.321302
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208564-f-6-i du Acquired: 11/26/2021 18:19:35 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084403	35.27983	.2472757	.1028944	.0024932	-.002917
Stddev	.0000400	.83343	.0015106	.0013864	.0027452	.006138
%RSD	.4742865	2.362328	.6108857	1.347369	110.1044	210.4211
#1	.0084120	35.86915	.2462075	.1019141	.0044344	.001423
#2	.0084686	34.69051	.2483438	.1038747	.0005521	-.007257
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.131371	.0353720	.5551338	2.803032	.0015834	.2636834
Stddev	.000593	.0001352	.0026501	.000212	.0041459	.0014754
%RSD	.0524477	.3822283	.4773844	.0075464	261.8429	.5595245
#1	1.131791	.0352764	.5570077	2.802883	-.001348	.2626402
#2	1.130952	.0354676	.5532599	2.803182	.004515	.2647267
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.5661116
Stddev	.0003850
%RSD	.0680131
#1	.5658393
#2	.5663838
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208564-f-6-i du Acquired: 11/26/2021 18:19:35 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1087.064	638.3629	4590.492	4220.312
Stddev	4.456	1.9518	65.688	63.939
%RSD	.4099398	.3057472	1.430953	1.515033
#1	1090.215	639.7431	4544.044	4175.100
#2	1083.913	636.9828	4636.941	4265.524

Sample Name: 500-208564-f-6-j ms Acquired: 11/26/2021 18:22:53 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0508407	184.4759	.1293094	.9306066	2.402965	.0600354
Stddev	.0019813	2.6758	.0070501	.0053180	.024194	.0003443
%RSD	3.897031	1.450496	5.452145	.5714578	1.006846	.5735704
#1	.0494397	182.5838	.1243242	.9268462	2.385857	.0602789
#2	.0522417	186.3680	.1342946	.9343670	2.420073	.0597919
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6221819	F 860.2643	.0526968	.8111581	.6387855	.3823266
Stddev	.0025892	49.0941	.0002955	.0195575	.0002782	.0029538
%RSD	.4161434	5.706859	.5607941	2.411064	.0435583	.7725865
#1	.6203511	825.5495	.0524878	.7973288	.6389822	.3844153
#2	.6240127	894.9790	.0529057	.8249874	.6385887	.3802380
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4680092	207.1167	49.49924	.7438270	424.8341	6.051686
Stddev	.0015622	1.0691	.88772	.0154089	3.8781	.027907
%RSD	.3337869	.5161890	1.793410	2.071565	.9128579	.4611418
#1	.4669046	206.3607	48.87152	.7329313	422.0918	6.031953
#2	.4691138	207.8726	50.12696	.7547227	427.5763	6.071419
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208564-f-6-j ms Acquired: 11/26/2021 18:22:53 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7804137**	**46.32044**	**.7990466**	**.2354203**	**.1120134**	**.0795358**
Stddev	.0041752	.85145	.0006750	.0041892	.0016246	.0007577
%RSD	.5349933	1.838182	.0844756	1.779468	1.450360	.9525879
#1	.7774614	45.71837	.7985693	.2324581	.1131622	.0800715
#2	.7833660	46.92251	.7995239	.2383825	.1108646	.0790000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.955887**	**1.074754**	**1.341175**	F **4.454470**	**.0945495**	**.7390272**
Stddev	.005822	.002386	.006864	.003210	.0024748	.0014409
%RSD	.2976438	.2219975	.5117957	.0720732	2.617512	.1949667
#1	1.951771	1.073067	1.346029	4.452200	.0927995	.7380084
#2	1.960004	1.076441	1.336322	4.456740	.0962995	.7400460
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				3.000000		
Low Limit				-.005000		

Elem	Zn2062
Units	ppm
Avg	**1.296153**
Stddev	.003903
%RSD	.3011243
#1	1.298913
#2	1.293393
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208564-f-6-j ms Acquired: 11/26/2021 18:22:53 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1069.218	629.7459	4532.533	4212.383
Stddev	9.127	5.5425	1.449	13.075
%RSD	.8536017	.8801220	.0319705	.3103929
#1	1075.671	633.6651	4533.558	4221.629
#2	1062.764	625.8268	4531.508	4203.138

Sample Name: 500-208564-f-6-k msd Acquired: 11/26/2021 18:26:13 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0508221	184.2928	.1218360	.9266161	2.385241	.0589036
Stddev	.0006281	1.3684	.0037538	.0088118	.016175	.0004756
%RSD	1.235797	.7425087	3.081049	.9509653	.6781129	.8074533
#1	.0512662	183.3252	.1191816	.9203852	2.373804	.0585673
#2	.0503780	185.2604	.1244903	.9328469	2.396678	.0592399
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5995171	F 886.2648	.0513176	.8202783	.6178576	.3799517
Stddev	.0025057	37.2796	.0002453	.0185363	.0000293	.0030667
%RSD	.4179582	4.206370	.4779686	2.259755	.0047469	.8071398
#1	.5977453	859.9041	.0511442	.8071711	.6178783	.3777832
#2	.6012889	912.6254	.0514911	.8333854	.6178368	.3821202
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4462139	191.3284	51.21288	.7679437	409.7126	5.041611
Stddev	.0020741	1.7526	.27341	.0030989	2.9100	.058434
%RSD	.4648144	.9160217	.5338653	.4035260	.7102504	1.159040
#1	.4476805	190.0891	51.40621	.7701349	407.6550	5.000291
#2	.4447473	192.5677	51.01955	.7657525	411.7703	5.082930
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208564-f-6-k msd Acquired: 11/26/2021 18:26:13 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7666328**	**46.80267**	**.7606414**	**.2034558**	**.1062046**	**.0755172**
Stddev	.0050940	.21731	.0040669	.0048018	.0004512	.0014728
%RSD	.6644659	.4643151	.5346610	2.360110	.4248045	1.950350
#1	.7630308	46.95633	.7577657	.2068512	.1058856	.0744757
#2	.7702348	46.64901	.7635171	.2000605	.1065237	.0765587
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.697116**	**1.053074**	**1.322389**	F **4.524995**	**.0930146**	**.7236665**
Stddev	.019255	.003304	.005625	.008224	.0015011	.0027232
%RSD	1.134565	.3137772	.4253426	.1817496	1.613802	.3763095
#1	1.683501	1.050738	1.326366	4.519179	.0919532	.7217409
#2	1.710731	1.055411	1.318411	4.530810	.0940760	.7255921
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				3.000000		
Low Limit				-.005000		

Elem	Zn2062
Units	ppm
Avg	**1.122005**
Stddev	.006170
%RSD	.5499300
#1	1.126368
#2	1.117642
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208564-f-6-k msd Acquired: 11/26/2021 18:26:13 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1070.834	629.5717	4572.130	4139.150
Stddev	9.977	9.0112	18.913	10.114
%RSD	.9316761	1.431317	.4136524	.2443552
#1	1077.888	635.9436	4558.757	4131.998
#2	1063.779	623.1999	4585.503	4146.302

Sample Name: CCV Acquired: 11/26/2021 18:29:32 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5018586**	**48.31316**	**.5073277**	**.5187847**	**.5022745**	**.5060430**
Stddev	.0144434	.36515	.0029218	.0011322	.0048810	.0068263
%RSD	2.877978	.7557909	.5759112	.2182450	.9717767	1.348956
#1	.4916455	48.05496	.5093937	.5179841	.4988232	.5012161
#2	.5120716	48.57136	.5052617	.5195853	.5057259	.5108700
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5218987**	**23.57421**	**.5117884**	F **.0911653**	**.5270282**	**.4863504**
Stddev	.0011958	.51957	.0007579	.0043431	.0022411	.0151802
%RSD	.2291159	2.203978	.1480835	4.763940	.4252297	3.121245
#1	.5210532	23.20682	.5112525	.0942363	.5254435	.4756164
#2	.5227442	23.94160	.5123243	.0880943	.5286129	.4970844
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5303638**	**24.33270**	**51.55694**	**4.014742**	**25.13151**	**4.812884**
Stddev	.0114833	.46417	.64861	.046928	.03486	.085545
%RSD	2.165165	1.907616	1.258055	1.168881	.1386980	1.777411
#1	.5222439	24.00448	52.01558	4.047925	25.10686	4.752394
#2	.5384836	24.66092	51.09830	3.981559	25.15616	4.873373
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/26/2021 18:29:32 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4805301	25.74460	.5194894	.5216302	.4800672	.4971413
Stddev	.0006276	.28715	.0032816	.0007132	.0037801	.0015802
%RSD	.1306052	1.115377	.6316981	.1367274	.7874122	.3178550
#1	.4809739	25.94764	.5171690	.5221346	.4773943	.4982587
#2	.4800863	25.54155	.5218099	.5211259	.4827401	.4960240
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .2910377	.5175893	.5080694	.4962649	.5116019	4.972470
Stddev	.0005738	.0031105	.0118303	.0105452	.0045151	.131915
%RSD	.1971680	.6009585	2.328471	2.124906	.8825503	2.652899
#1	.2914435	.5153899	.4997041	.4888084	.5084092	4.879192
#2	.2906319	.5197888	.5164346	.5037215	.5147946	5.065748
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	.5298687
Stddev	.0028317
%RSD	.5344177
#1	.5278664
#2	.5318711
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/26/2021 18:29:32 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1524.507	673.2173	4633.112	4214.894
Stddev	1.175	1.0327	60.519	20.787
%RSD	.0770597	.1533923	1.306230	.4931776
#1	1523.676	672.4871	4675.905	4200.196
#2	1525.337	673.9475	4590.318	4229.593

Sample Name: CCB Acquired: 11/26/2021 18:32:40 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005956**	**.0479038**	**.0016096**	**.0028087**	**.0001021**	**.0000596**	**.0000785**
Stddev	.0000552	.0048644	.0003485	.0001068	.0000128	.0000237	.0003895
%RSD	9.264205	10.15452	21.65037	3.800850	12.56267	39.72633	496.2757
#1	.0005565	.0513434	.0013632	.0028842	.0001112	.0000763	-.000197
#2	.0006346	.0444641	.0018560	.0027332	.0000930	.0000428	.000354
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.006896**	**.0000437**	**.0031698**	**.0000588**	**.0013633**	**.0016663**	**-.083427**
Stddev	.000282	.0001807	.0047683	.0001603	.0011945	.0000332	.045051
%RSD	4.091595	413.8009	150.4281	272.7395	87.61568	1.991192	54.00086
#1	-.007095	-.000084	-.000202	.0001722	.0022079	.0016428	-.115283
#2	-.006696	.000171	.006542	-.000055	.0005187	.0016897	-.051571
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000332**	**.0005805**	**-.016297**	**.0003137**	**-.000044**	**.0081106**	**.0008383**
Stddev	.003329	.0001617	.017401	.0006759	.000271	.0030541	.0002377
%RSD	1002.896	27.84837	106.7791	215.4666	615.7127	37.65609	28.35232
#1	-.002686	.0006948	-.003992	.0007916	.000148	.0102703	.0010064
#2	.002022	.0004662	-.028601	-.000164	-.000236	.0059510	.0006703
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 11/26/2021 18:32:40 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002791	.0001682	.0002269	-.006523	.0005594	.0000199	.0010916
Stddev	.000131	.0013165	.0006094	.000987	.0010641	.0000109	.0000183
%RSD	4.684593	782.7700	268.5296	15.12784	190.2331	54.73214	1.675274
#1	-.002699	.0010991	.0006578	-.005825	.0013118	.0000122	.0010787
#2	-.002884	-.000763	-.000204	-.007220	-.000193	.0000276	.0011045
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0003553	.0005683	-.000628
Stddev	.0019986	.0001085	.000640
%RSD	562.5363	19.09373	101.8219
#1	-.001058	.0006451	-.000176
#2	.001768	.0004916	-.001081
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1768.044	709.4396	4966.046	4350.966
Stddev	14.365	6.3374	17.518	3.358
%RSD	.8124890	.8932943	.3527488	.0771860
#1	1778.202	713.9208	4978.433	4348.592
#2	1757.887	704.9584	4953.660	4353.341

Sample Name: CCVL Acquired: 11/26/2021 18:35:59 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0053360**	**.2307959**	**.0075307**	**.0521080**	**.0103295**	**.0039677**
Stddev	.0005209	.0034757	.0014529	.0002600	.0001555	.0002995
%RSD	9.761032	1.505943	19.29285	.4989229	1.505215	7.547280
#1	.0049677	.2332536	.0085581	.0519241	.0102196	.0037560
#2	.0057043	.2283382	.0065034	.0522918	.0104394	.0041795
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0489732**	**.1765779**	**.0024639**	F **-.002548**	**.0047704**	**.0091888**
Stddev	.0007387	.0056769	.0001058	.002757	.0005661	.0008209
%RSD	1.508379	3.214956	4.291940	108.1840	11.86635	8.933781
#1	.0484508	.1725637	.0023891	-.000599	.0051706	.0097693
#2	.0494955	.1805920	.0025387	-.004498	.0043701	.0086084
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				-30.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0126219**	F **.1398422**	**.5398110**	**.0107825**	**.0895866**	**.0096195**
Stddev	.0004046	.0286084	.0012439	.0001203	.0228455	.0001535
%RSD	3.205525	20.45766	.2304394	1.115825	25.50107	1.595854
#1	.0129080	.1196129	.5406906	.0108676	.1057408	.0095110
#2	.0123358	.1600714	.5389314	.0106975	.0734323	.0097281
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		.2000000				
Range		-30.0000%				

Sample Name: CCVL Acquired: 11/26/2021 18:35:59 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099039	1.056409	.0105126	.0044786	.0202543	.0108025
Stddev	.0004376	.012846	.0002456	.0015574	.0023937	.0006966
%RSD	4.418185	1.215970	2.336755	34.77439	11.81843	6.448254
#1	.0095944	1.065492	.0103389	.0055799	.0219470	.0103099
#2	.0102133	1.047326	.0106863	.0033774	.0185617	.0112950
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .1268170	.0397304	.0052731	.0056609	.0117283	.0049062
Stddev	.0009094	.0010224	.0000260	.0000983	.0000313	.0003322
%RSD	.7171205	2.573239	.4922233	1.735898	.2668577	6.770764
#1	.1274600	.0404533	.0052548	.0057304	.0117062	.0051411
#2	.1261739	.0390075	.0052915	.0055914	.0117504	.0046713
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.2000000					
Range	-30.0000%					

Elem	Zn2062
Units	ppm
Avg	.0205118
Stddev	.0002403
%RSD	1.171758
#1	.0206817
#2	.0203418
Check ?	Chk Pass
Value	
Range	

Sample Name: CCVL Acquired: 11/26/2021 18:35:59 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1747.711	701.5210	4928.388	4326.194
Stddev	3.085	1.5061	1.569	19.274
%RSD	.1765244	.2146973	.0318455	.4455098
#1	1749.893	702.5860	4927.278	4312.565
#2	1745.530	700.4560	4929.498	4339.822

Sample Name: 500-208564-f-7-f Acquired: 11/26/2021 18:39:34 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031359	111.0797	.0707107	.0768745	.8799010	.0087813	-.004698
Stddev	.0013834	1.8314	.0018451	.0011759	.0085610	.0000759	.001465
%RSD	44.11297	1.648732	2.609404	1.529632	.9729483	.8646181	31.18955
#1	.0041141	109.7847	.0720154	.0760430	.8738475	.0088350	-.003662
#2	.0021577	112.3747	.0694060	.0777060	.8859545	.0087276	-.005734
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	231.3628	.0131593	.8268817	.1247316	.1839737	.2001583	205.0336
Stddev	.3240	.0000589	.0044339	.0004318	.0007300	.0012188	.3903
%RSD	.1400403	.4476390	.5362245	.3462156	.3967899	.6089397	.1903801
#1	231.5919	.0131177	.8237464	.1244262	.1844899	.1992965	204.7575
#2	231.1337	.0132010	.8300169	.1250369	.1834575	.2010202	205.3096
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.07562	.1509042	141.9873	7.428598	.0071913	36.70552	.2921541
Stddev	.53168	.0039925	1.2847	.012857	.0003286	1.07037	.0022042
%RSD	2.787205	2.645726	.9048079	.1730765	4.570087	2.916105	.7544495
#1	18.69967	.1480811	141.0789	7.419506	.0069589	35.94865	.2937127
#2	19.45157	.1537274	142.8958	7.437689	.0074237	37.46239	.2905955
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208564-f-7-f Acquired: 11/26/2021 18:39:34 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3180770	.0029682	.0011580	1.090489	.0346786	.1931400	1.822546
Stddev	.0007452	.0005137	.0028629	.008151	.0008187	.0001298	.004193
%RSD	.2342892	17.30500	247.2371	.7474422	2.360781	.0672087	.2300461
#1	.3175501	.0033314	.0031824	1.084725	.0352575	.1932318	1.825511
#2	.3186040	.0026050	-.000866	1.096252	.0340997	.1930482	1.819582
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0048822	.2745287	2.822178
Stddev	.0016689	.0005645	.005772
%RSD	34.18279	.2056273	.2045369
#1	.0060623	.2741295	2.826260
#2	.0037021	.2749278	2.818097
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1280.333	719.9958	5106.707	4592.234
Stddev	14.837	11.2479	14.694	6.062
%RSD	1.158800	1.562216	.2877454	.1320120
#1	1290.824	727.9492	5117.097	4587.947
#2	1269.842	712.0423	5096.316	4596.521

Sample Name: 500-208564-f-8-f Acquired: 11/26/2021 18:42:46 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040108	124.7491	.0835781	.1251318	.9594008	.0104275
Stddev	.0000039	.4117	.0070274	.0011231	.0022406	.0003325
%RSD	.0972694	.3299851	8.408222	.8975301	.2335369	3.188597
#1	.0040135	124.4580	.0786089	.1243377	.9578165	.0106626
#2	.0040080	125.0402	.0885472	.1259260	.9609851	.0101924
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008352	F 774.6390	.0411872	.7602883	.1336677	.1955778
Stddev	.000128	51.0122	.0005044	.0147550	.0000263	.0008720
%RSD	1.538156	6.585281	1.224551	1.940710	.0196761	.4458616
#1	-.008261	738.5680	.0408306	.7498550	.1336863	.1961944
#2	-.008443	810.7100	.0415438	.7707217	.1336491	.1949612
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3009431	231.7043	21.76259	.2067043	396.1885	5.772434
Stddev	.0002698	1.3617	.07143	.0008048	.6638	.032150
%RSD	.0896513	.5876685	.3282120	.3893583	.1675396	.5569563
#1	.3007523	230.7415	21.81310	.2072734	395.7192	5.749701
#2	.3011338	232.6672	21.71208	.2061352	396.6579	5.795167
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208564-f-8-f Acquired: 11/26/2021 18:42:46 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172120	27.43847	.2934188	.5056389	.0059493	.0007335
Stddev	.0000810	.11118	.0009070	.0041826	.0033778	.0056177
%RSD	.4706597	.4051829	.3091001	.8271834	56.77545	765.8422
#1	.0172693	27.51709	.2927774	.5026814	.0083378	-.003239
#2	.0171548	27.35986	.2940601	.5085964	.0035609	.004706
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.291383	.0392384	.4212506	2.183098	.0037895	.2799366
Stddev	.004239	.0018590	.0001745	.004416	.0004665	.0019003
%RSD	.3282862	4.737592	.0414161	.2022686	12.30923	.6788232
#1	1.288385	.0405529	.4213739	2.186220	.0041193	.2812803
#2	1.294381	.0379239	.4211272	2.179975	.0034596	.2785929
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	2.437783
Stddev	.002858
%RSD	.1172555
#1	2.439804
#2	2.435762
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208564-f-8-f Acquired: 11/26/2021 18:42:46 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1111.000	656.8301	4704.350	4412.622
Stddev	4.992	4.0042	26.090	41.171
%RSD	.4493179	.6096325	.5545947	.9330212
#1	1114.530	659.6616	4722.799	4383.510
#2	1107.470	653.9987	4685.902	4441.734

Sample Name: 500-208564-f-9-f Acquired: 11/26/2021 18:46:04 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033096	116.7880	.0656806	.1412046	.8526692	.0083967
Stddev	.0018700	1.6012	.0044532	.0003797	.0089398	.0000755
%RSD	56.50341	1.371019	6.780008	.2689107	1.048447	.8988389
#1	.0019873	115.6557	.0688295	.1409361	.8463478	.0083434
#2	.0046319	117.9202	.0625317	.1414731	.8589906	.0084501
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006868	F 1127.285	.0543594	.7067037	.0996758	.1716491
Stddev	.003911	57.403	.0001360	.0171833	.0005502	.0010171
%RSD	56.94157	5.092176	.2501090	2.431465	.5520383	.5925585
#1	-.009634	1086.694	.0544555	.6945533	.0992868	.1723683
#2	-.004103	1167.875	.0542633	.7188541	.1000649	.1709299
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2097971	182.4478	23.15118	.2001138	592.5213	4.762035
Stddev	.0001891	1.0425	.32377	.0030484	5.0785	.039988
%RSD	.0901439	.5713958	1.398491	1.523344	.8570938	.8397322
#1	.2096634	181.7106	22.92224	.1979582	588.9303	4.733759
#2	.2099308	183.1849	23.38012	.2022693	596.1123	4.790311
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208564-f-9-f Acquired: 11/26/2021 18:46:04 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0114260**	**25.13295**	**.2434915**	**.3323825**	**.0047123**	**-.002989**
Stddev	.0004504	.33077	.0012794	.0006543	.0000679	.000989
%RSD	3.942218	1.316101	.5254238	.1968481	1.440467	33.08353
#1	.0117445	24.89906	.2425868	.3328452	.0046643	-.002290
#2	.0111075	25.36684	.2443961	.3319199	.0047603	-.003689
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.233194**	**.0343238**	**.6268039**	**1.896361**	**.0014049**	**.2252809**
Stddev	.000214	.0064271	.0000115	.001904	.0004001	.0001411
%RSD	.0173182	18.72486	.0018398	.1004134	28.47645	.0626210
#1	1.233043	.0388684	.6268120	1.895015	.0011220	.2251811
#2	1.233345	.0297792	.6267957	1.897708	.0016878	.2253806
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**2.164242**
Stddev	.008539
%RSD	.3945389
#1	2.158204
#2	2.170280
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208564-f-9-f Acquired: 11/26/2021 18:46:04 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1043.704	630.3428	4458.129	4273.373
Stddev	3.917	5.3883	.823	8.467
%RSD	.3753099	.8548167	.0184579	.1981328
#1	1040.934	626.5327	4457.547	4279.360
#2	1046.474	634.1529	4458.711	4267.386

Sample Name: 500-208564-f-10-h Acquired: 11/26/2021 18:49:22 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035193	118.3148	.1167189	.0807624	.7741390	.0088819
Stddev	.0003056	2.7977	.0009015	.0003717	.0168544	.0004860
%RSD	8.684739	2.364592	.7723490	.4602049	2.177176	5.471237
#1	.0033032	120.2931	.1173564	.0804996	.7860568	.0092256
#2	.0037354	116.3366	.1160815	.0810252	.7622212	.0085383
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009273	F 1009.369	.0072988	.7408346	.1207290	.1837748
Stddev	.0079986	4.040	.0000103	.0101766	.0007028	.0005412
%RSD	862.5205	.4002924	.1414083	1.373669	.5820971	.2944623
#1	-.004729	1006.512	.0072915	.7336386	.1212259	.1833922
#2	.006583	1012.226	.0073061	.7480305	.1202320	.1841575
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2713829	261.0021	15.36026	.1605269	494.8625	6.373796
Stddev	.0049286	4.9101	.54159	.0059420	10.5069	.085962
%RSD	1.816126	1.881260	3.525922	3.701533	2.123203	1.348680
#1	.2678978	264.4741	15.74322	.1647285	502.2920	6.434580
#2	.2748679	257.5301	14.97730	.1563253	487.4329	6.313012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208564-f-10-h Acquired: 11/26/2021 18:49:22 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0293782	11.25450	.3515361	.2735656	.0061760	-.001222
Stddev	.0004578	.41022	.0006789	.0062989	.0003060	.002026
%RSD	1.558243	3.644957	.1931088	2.302508	4.955539	165.8266
#1	.0290545	11.54457	.3520161	.2780195	.0059596	.000211
#2	.0297019	10.96443	.3510561	.2691116	.0063924	-.002654
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.252035	.0355260	.4689688	2.136254	.0038696	.3045814
Stddev	.011138	.0035717	.0053615	.024544	.0064192	.0003066
%RSD	.8895537	10.05371	1.143256	1.148923	165.8902	.1006624
#1	1.259911	.0330005	.4651777	2.118898	.0084087	.3043647
#2	1.244160	.0380516	.4727600	2.153609	-.000670	.3047982
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	1.507224
Stddev	.012540
%RSD	.8320234
#1	1.516091
#2	1.498357
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208564-f-10-h Acquired: 11/26/2021 18:49:22 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1065.087	640.8611	4645.404	4456.987
Stddev	4.706	5.3047	62.764	116.719
%RSD	.4418663	.8277488	1.351102	2.618786
#1	1068.415	644.6121	4689.785	4374.454
#2	1061.759	637.1101	4601.023	4539.520

Sample Name: 500-208564-f-11-f Acquired: 11/26/2021 18:52:40 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048962	176.4667	.1199569	.0771071	.8124249	.0111466	-.004544
Stddev	.0000692	.4936	.0036312	.0000247	.0030636	.0002138	.000556
%RSD	1.412258	.2797155	3.027100	.0320094	.3770975	1.918456	12.23497
#1	.0049450	176.1176	.1225246	.0771246	.8102586	.0109954	-.004150
#2	.0048473	176.8157	.1173892	.0770896	.8145913	.0112978	-.004937
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	498.0155	.0032165	.9283506	.1844930	.2306054	.2846180	273.0277
Stddev	.1982	.0000030	.0167120	.0008344	.0014482	.0011116	3.7310
%RSD	.0397880	.0919527	1.800185	.4522785	.6279870	.3905532	1.366526
#1	498.1556	.0032144	.9165334	.1839030	.2295814	.2838320	270.3895
#2	497.8754	.0032186	.9401677	.1850831	.2316294	.2854040	275.6659
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.80115	.1770821	262.2367	4.887494	.0196904	15.45212	.3266269
Stddev	.31074	.0024160	1.4238	.066947	.0008202	.24486	.0048765
%RSD	1.569283	1.364349	.5429561	1.369768	4.165360	1.584627	1.492984
#1	20.02087	.1787905	261.2299	4.840155	.0202703	15.62526	.3231787
#2	19.58142	.1753737	263.2435	4.934833	.0191104	15.27898	.3300751
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208564-f-11-f Acquired: 11/26/2021 18:52:40 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2165090	.0063294	.0023610	.9904812	.0417329	.3265026	2.711219
Stddev	.0029642	.0009390	.0021237	.0066357	.0009296	.0007302	.008134
%RSD	1.369107	14.83543	89.94813	.6699513	2.227488	.2236288	.2999988
#1	.2186051	.0069933	.0038627	.9857890	.0423902	.3259863	2.705468
#2	.2144130	.0056654	.0008593	.9951734	.0410756	.3270189	2.716971
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0044228	.3815163	1.025838
Stddev	.0001946	.0011230	.003004
%RSD	4.400988	.2943455	.2928762
#1	.0042852	.3823104	1.023714
#2	.0045605	.3807222	1.027963
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1174.615	670.2147	4867.871	4360.030
Stddev	7.138	3.5436	11.348	60.836
%RSD	.6076840	.5287293	.2331294	1.395320
#1	1179.662	672.7204	4875.896	4317.012
#2	1169.568	667.7089	4859.847	4403.048

Sample Name: 500-208564-f-13-f Acquired: 11/26/2021 18:59:13 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026540	95.98812	.0847802	.0969844	.4746664	.0072383
Stddev	.0011244	.24262	.0017260	.0009852	.0022034	.0001991
%RSD	42.36508	.2527570	2.035817	1.015828	.4642010	2.751224
#1	.0034490	95.81657	.0860006	.0976811	.4731084	.0070975
#2	.0018589	96.15968	.0835598	.0962878	.4762244	.0073791
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007809	F 1090.494	.0040380	.6600030	.0953844	.1551781
Stddev	.000642	12.579	.0001492	.0138766	.0000310	.0014774
%RSD	8.221460	1.153535	3.694927	2.102511	.0325430	.9520685
#1	-.008263	1081.599	.0041435	.6501907	.0953624	.1562228
#2	-.007355	1099.389	.0039325	.6698152	.0954063	.1541334
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2008100	180.2107	17.09528	.1730200	517.1839	4.785245
Stddev	.0012202	1.1236	.18336	.0018719	1.8319	.042033
%RSD	.6076305	.6234992	1.072598	1.081869	.3542060	.8783821
#1	.1999472	179.4162	17.22493	.1743436	515.8886	4.755524
#2	.2016728	181.0052	16.96562	.1716964	518.4793	4.814967
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208564-f-13-f Acquired: 11/26/2021 18:59:13 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0139489**	**4.798740**	**.2347934**	**.1302820**	**.0026309**	**.0045485**
Stddev	.0003780	.051101	.0002071	.0009391	.0007368	.0075300
%RSD	2.710148	1.064875	.0882022	.7208344	28.00745	165.5490
#1	.0142163	4.834874	.2349398	.1309460	.0021099	.0098730
#2	.0136816	4.762606	.2346469	.1296179	.0031519	-.000776
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.151686**	**.0332703**	**.5531645**	**2.131288**	**.0043488**	**.2290294**
Stddev	.002846	.0010051	.0005806	.007771	.0003370	.0020007
%RSD	.2471399	3.020938	.1049620	.3646063	7.748436	.8735526
#1	1.153699	.0339810	.5527539	2.136782	.0041105	.2304441
#2	1.149674	.0325597	.5535750	2.125793	.0045871	.2276147
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.8088614**
Stddev	.0079582
%RSD	.9838730
#1	.8032341
#2	.8144886
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208564-f-13-f Acquired: 11/26/2021 18:59:13 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1080.969	633.8514	4555.452	4255.944
Stddev	.807	2.0718	32.073	26.362
%RSD	.0746545	.3268518	.7040537	.6194174
#1	1081.539	632.3865	4578.131	4237.304
#2	1080.398	635.3164	4532.773	4274.585

Sample Name: 500-208564-f-12-f Acquired: 11/26/2021 18:55:55 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038534	136.4513	.1219466	.1348801	.6725381	.0099926
Stddev	.0010043	.5722	.0018233	.0000682	.0041791	.0001682
%RSD	26.06374	.4193261	1.495162	.0505367	.6213908	1.683659
#1	.0045635	136.0467	.1206574	.1349283	.6695831	.0098736
#2	.0031432	136.8559	.1232359	.1348319	.6754932	.0101116
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006214	F 1050.369	.0064932	.7704858	.1361310	.1992954
Stddev	.003557	9.838	.0001392	.0233231	.0011002	.0023171
%RSD	57.24373	.9365971	2.143887	3.027061	.8081936	1.162642
#1	-.008729	1043.412	.0063948	.7539939	.1353531	.1976569
#2	-.003699	1057.325	.0065916	.7869777	.1369090	.2009338
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2703781	242.9996	28.09068	.2417251	492.4900	5.467296
Stddev	.0011430	2.8403	.24881	.0026057	2.9041	.050569
%RSD	.4227282	1.168859	.8857520	1.077942	.5896708	.9249427
#1	.2711863	240.9912	28.26662	.2435676	490.4365	5.431538
#2	.2695699	245.0080	27.91475	.2398826	494.5435	5.503054
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208564-f-12-f Acquired: 11/26/2021 18:55:55 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0262991	8.251602	.3504533	.2419595	.0050794	.0017047
Stddev	.0009147	.088171	.0025095	.0022831	.0001492	.0054963
%RSD	3.478265	1.068529	.7160801	.9435845	2.937574	322.4229
#1	.0256523	8.313948	.3486788	.2403451	.0049739	.0055911
#2	.0269459	8.189256	.3522278	.2435739	.0051849	-.002182
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.168165	.0388967	.5171274	1.941855	.0034402	.2687064
Stddev	.002076	.0020659	.0017878	.004850	.0023607	.0012697
%RSD	.1776917	5.311330	.3457157	.2497783	68.62129	.4725033
#1	1.169633	.0374358	.5183915	1.945285	.0017709	.2678086
#2	1.166697	.0403575	.5158632	1.938426	.0051095	.2696041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	1.596624
Stddev	.008882
%RSD	.5562879
#1	1.590343
#2	1.602904
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208564-f-12-f Acquired: 11/26/2021 18:55:55 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1073.308	644.1061	4642.370	4336.632
Stddev	8.041	2.2324	31.581	31.953
%RSD	.7492117	.3465949	.6802828	.7368250
#1	1078.994	645.6847	4620.039	4314.038
#2	1067.622	642.5275	4664.702	4359.227

Sample Name: 500-208564-f-14-f Acquired: 11/26/2021 19:02:31 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0039918**	**153.3781**	**.0804168**	**.0998102**	**.7467747**	**.0113169**	**-.000182**
Stddev	.0006911	1.0796	.0075667	.0010993	.0029506	.0003021	.003106
%RSD	17.31165	.7039051	9.409325	1.101386	.3951173	2.669746	1707.631
#1	.0044805	152.6147	.0857673	.1005875	.7446883	.0111033	-.002378
#2	.0035032	154.1415	.0750664	.0990329	.7488611	.0115305	.002015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**525.4657**	**.0046679**	**.9066969**	**.1533814**	**.2171051**	**.2215900**	**262.7910**
Stddev	27.5973	.0001555	.0112903	.0010775	.0009846	.0010571	1.8980
%RSD	5.251970	3.331505	1.245210	.7024730	.4535088	.4770378	.7222310
#1	505.9515	.0045579	.9146804	.1526195	.2164089	.2223374	261.4489
#2	544.9800	.0047778	.8987135	.1541433	.2178013	.2208425	264.1330
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**28.09084**	**.2698197**	**278.3166**	**9.220692**	**.0090040**	**5.501054**	**.3802381**
Stddev	.15124	.0008479	1.7092	.050841	.0000170	.022508	.0175029
%RSD	.5383833	.3142579	.6141093	.5513789	.1886520	.4091527	4.603146
#1	27.98390	.2692201	277.1080	9.184742	.0089920	5.485139	.3678617
#2	28.19778	.2704193	279.5252	9.256642	.0090160	5.516969	.3926145
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208564-f-14-f Acquired: 11/26/2021 19:02:31 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1909070	.0041417	.0068970	1.123021	.0334459	.3161125	1.532339
Stddev	.0003413	.0002953	.0038767	.018792	.0019834	.0003211	.001973
%RSD	.1787623	7.129017	56.20885	1.673334	5.930116	.1015898	.1287833
#1	.1911483	.0043505	.0096382	1.136309	.0320434	.3163396	1.530944
#2	.1906657	.0039329	.0041557	1.109733	.0348483	.3158854	1.533735
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000211	.2720341	1.004379
Stddev	.001691	.0011509	.066237
%RSD	802.2960	.4230758	6.594809
#1	.000985	.2712203	.957542
#2	-.001406	.2728479	1.051216
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1193.703	714.8980	4897.835	4456.685
Stddev	26.284	28.8739	23.969	17.786
%RSD	2.201917	4.038881	.4893758	.3990854
#1	1175.118	694.4811	4880.886	4444.108
#2	1212.289	735.3149	4914.783	4469.262

Sample Name: 500-208564-f-15-f Acquired: 11/26/2021 19:05:46 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032347	104.0057	.0928537	.1160636	.4698774	.0080074
Stddev	.0007190	.3587	.0078674	.0004480	.0016530	.0002978
%RSD	22.22819	.3448668	8.472881	.3859596	.3517911	3.719214
#1	.0027262	104.2593	.0984168	.1157469	.4687085	.0082180
#2	.0037431	103.7521	.0872907	.1163804	.4710462	.0077968
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008379	F 1068.376	.0032784	.6732574	.1201623	.1621717
Stddev	.000588	53.745	.0000700	.0354158	.0002583	.0006572
%RSD	7.012397	5.030502	2.133706	5.260367	.2149237	.4052731
#1	-.008795	1030.372	.0032289	.6482147	.1203449	.1617070
#2	-.007964	1106.379	.0033279	.6983002	.1199797	.1626365
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2311504	202.3783	23.12286	.2012848	549.5534	4.577795
Stddev	.0028877	2.1529	.43880	.0045515	2.2500	.052622
%RSD	1.249270	1.063800	1.897677	2.261232	.4094168	1.149510
#1	.2331923	200.8560	23.43314	.2045032	547.9625	4.540585
#2	.2291085	203.9007	22.81258	.1980664	551.1444	4.615004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208564-f-15-f Acquired: 11/26/2021 19:05:46 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0330403	24.09705	.2957254	.1547085	.0070189	.0008971
Stddev	.0002692	.50506	.0013104	.0068533	.0011122	.0016029
%RSD	.8146241	2.095929	.4431186	4.429790	15.84633	178.6867
#1	.0332306	24.45417	.2947988	.1498625	.0062324	-.000236
#2	.0328499	23.73992	.2966520	.1595545	.0078054	.002030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.073126	.0307615	.4987600	1.645751	.0012538	.2115458
Stddev	.005825	.0008801	.0024224	.001929	.0036246	.0007507
%RSD	.5427989	2.860908	.4856748	.1172106	289.0901	.3548551
#1	1.069007	.0301392	.5004729	1.644387	.0038168	.2120766
#2	1.077245	.0313838	.4970472	1.647115	-.001309	.2110150
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.7673198
Stddev	.0091985
%RSD	1.198786
#1	.7608155
#2	.7738242
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208564-f-15-f Acquired: 11/26/2021 19:05:46 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1069.874	629.9823	4570.207	4204.486
Stddev	2.242	.4435	56.631	37.955
%RSD	.2095982	.0703970	1.239142	.9027334
#1	1071.460	630.2959	4530.163	4177.648
#2	1068.289	629.6687	4610.251	4231.324

Sample Name: 500-208564-f-16-f Acquired: 11/26/2021 19:09:04 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031466	105.3657	.0770159	.1129613	.5831315	.0077842
Stddev	.0009780	.0757	.0097168	.0019850	.0008512	.0000893
%RSD	31.08050	.0718488	12.61658	1.757248	.1459630	1.146494
#1	.0024550	105.4192	.0701451	.1115576	.5825296	.0077211
#2	.0038381	105.3122	.0838867	.1143649	.5837333	.0078473
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002477	F 1194.651	.0084745	.7075593	.1167477	.1672349
Stddev	.007019	18.611	.0003686	.0017313	.0015376	.0022858
%RSD	283.3868	1.557824	4.349039	.2446910	1.316995	1.366835
#1	.002486	1181.491	.0087351	.7087836	.1156605	.1688512
#2	-.007440	1207.811	.0082139	.7063351	.1178350	.1656185
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2579203	191.8526	22.05660	.2202750	F 601.1539	4.846535
Stddev	.0012817	2.5002	.31981	.0037805	2.1348	.063385
%RSD	.4969319	1.303213	1.449967	1.716250	.3551121	1.307851
#1	.2570140	190.0847	22.28274	.2229482	599.6443	4.801715
#2	.2588266	193.6206	21.83046	.2176018	602.6634	4.891356
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					600.0000	
Low Limit					-.100000	

Sample Name: 500-208564-f-16-f Acquired: 11/26/2021 19:09:04 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0273115	34.95956	.2768106	.1434340	.0056090	.0029929
Stddev	.0000177	.51739	.0037634	.0002138	.0037728	.0000470
%RSD	.0647712	1.479965	1.359547	.1490955	67.26378	1.571233
#1	.0272990	35.32540	.2741495	.1432827	.0029412	.0030261
#2	.0273240	34.59371	.2794717	.1435852	.0082768	.0029596
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.277290	.0338399	.5387912	2.010273	.0054147	.2290980
Stddev	.012868	.0009929	.0009706	.002053	.0052878	.0021569
%RSD	1.007428	2.934127	.1801379	.1021422	97.65639	.9414864
#1	1.268191	.0331378	.5381049	2.008821	.0091538	.2306232
#2	1.286389	.0345420	.5394775	2.011725	.0016757	.2275728
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.6724380
Stddev	.0008429
%RSD	.1253436
#1	.6718420
#2	.6730340
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208564-f-16-f Acquired: 11/26/2021 19:09:04 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1050.349	632.7667	4497.865	4244.342
Stddev	10.759	8.4563	23.967	40.350
%RSD	1.024297	1.336397	.5328521	.9506879
#1	1057.957	638.7462	4514.812	4215.810
#2	1042.742	626.7873	4480.918	4272.874

Sample Name: CCV Acquired: 11/26/2021 19:12:22 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4788418**	**47.01829**	**.5024440**	**.5109031**	**.4883610**	**.4934366**
Stddev	.0065519	.42144	.0005787	.0058912	.0027706	.0004093
%RSD	1.368289	.8963364	.1151862	1.153099	.5673272	.0829406
#1	.4834747	46.72028	.5028532	.5067373	.4864019	.4937260
#2	.4742088	47.31629	.5020348	.5150688	.4903201	.4931472
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5181912**	**23.70796**	**.5064225**	F **.0863330**	**.5257741**	**.4614184**
Stddev	.0012641	.06226	.0017716	.0082145	.0022191	.0091766
%RSD	.2439412	.2626050	.3498289	9.514917	.4220535	1.988777
#1	.5190851	23.75199	.5051697	.0805245	.5273432	.4679072
#2	.5172974	23.66394	.5076752	.0921416	.5242050	.4549295
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5195933**	**24.33177**	**48.83779**	**3.792181**	**24.46388**	**4.771413**
Stddev	.0091088	.04051	.49805	.044115	.09842	.015761
%RSD	1.753062	.1665000	1.019815	1.163327	.4023236	.3303148
#1	.5260342	24.30312	48.48561	3.760987	24.39428	4.760268
#2	.5131524	24.36041	49.18997	3.823376	24.53347	4.782557
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/26/2021 19:12:22 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4716953**	**24.50569**	**.5154714**	**.5157723**	**.4715595**	**.4952885**
Stddev	.0028527	.27393	.0007981	.0006832	.0081822	.0012613
%RSD	.6047818	1.117806	.1548195	.1324622	1.735137	.2546529
#1	.4696781	24.31199	.5160357	.5152892	.4657738	.4943967
#2	.4737125	24.69938	.5149071	.5162554	.4773452	.4961804
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.2862559**	**.5120385**	**.4949392**	**.4793597**	**.5119540**	**4.841486**
Stddev	.0021796	.0040710	.0081000	.0073425	.0013854	.071549
%RSD	.7614089	.7950539	1.636567	1.531737	.2706059	1.477824
#1	.2847148	.5149172	.5006668	.4845516	.5109744	4.892079
#2	.2877972	.5091599	.4892117	.4741677	.5129336	4.790894
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**.5285937**
Stddev	.0061666
%RSD	1.166605
#1	.5329542
#2	.5242333
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/26/2021 19:12:22 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1530.592	679.7921	4711.621	4301.515
Stddev	5.281	9.4182	56.759	12.860
%RSD	.3450400	1.385458	1.204660	.2989574
#1	1534.326	686.4518	4671.486	4292.422
#2	1526.857	673.1324	4751.756	4310.608

Sample Name: CCB Acquired: 11/26/2021 19:15:30 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000226**	**.0474888**	**.0011595**	**.0014091**	**.0001939**	**.0001818**	**-.000491**
Stddev	.001312	.0151960	.0001159	.0003788	.0000281	.0001018	.000937
%RSD	579.7481	31.99919	9.994204	26.88552	14.49841	55.97626	191.0175
#1	-.001154	.0582340	.0012415	.0011412	.0001740	.0001098	.000172
#2	.000702	.0367436	.0010776	.0016769	.0002138	.0002537	-.001153
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003117**	**.0002441**	**-.002002**	**.0000364**	**-.000458**	**.0015599**	**.0032461**
Stddev	.008120	.0002266	.004140	.0001719	.001246	.0000427	.0019613
%RSD	260.5400	92.81439	206.7946	472.3392	272.1898	2.734762	60.41879
#1	.002625	.0000839	-.004929	-.000085	-.001339	.0015901	.0046330
#2	-.008859	.0004043	.000925	.000158	.000423	.0015297	.0018593
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000328**	**.0006872**	**.0009659**	**.0006620**	**-.000238**	**.0086452**	**-.000623**
Stddev	.008890	.0001185	.0146031	.0004615	.001052	.0006079	.000498
%RSD	2708.979	17.24247	1511.828	69.72142	441.4457	7.032143	79.97150
#1	.005958	.0007709	.0112919	.0003356	-.000982	.0090751	-.000271
#2	-.006614	.0006034	-.009360	.0009883	.000506	.0082153	-.000975
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 11/26/2021 19:15:30 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002698	.0008760	.0016132	-.006085	.0026653	.0000258	.0009331
Stddev	.000257	.0016770	.0017449	.000471	.0018199	.0000078	.0000042
%RSD	9.526961	191.4293	108.1605	7.747054	68.28206	30.17172	.4541721
#1	-.002516	-.000310	.0003794	-.006418	.0039521	.0000313	.0009301
#2	-.002880	.002062	.0028470	-.005752	.0013784	.0000203	.0009361
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0000495	.0001480	-.000345
Stddev	.0009822	.0006090	.000325
%RSD	1983.812	411.5532	94.16548
#1	.0007440	-.000283	-.000575
#2	-.000645	.000579	-.000115
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1752.488	694.0751	4958.603	4321.746
Stddev	.100	2.4253	20.050	24.444
%RSD	.0057051	.3494233	.4043457	.5655975
#1	1752.559	695.7900	4944.426	4339.030
#2	1752.418	692.3601	4972.780	4304.462

Sample Name: CCVL Acquired: 11/26/2021 19:18:49 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0048158**	**.2272371**	**.0112474**	**.0509639**	**.0104102**	**.0037904**
Stddev	.0001979	.0013663	.0003367	.0002787	.0001669	.0000437
%RSD	4.110314	.6012720	2.993554	.5468280	1.603479	1.153208
#1	.0049558	.2262710	.0110093	.0507668	.0102922	.0038213
#2	.0046759	.2282033	.0114854	.0511609	.0105282	.0037595
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0488327**	**.1730119**	**.0022595**	F **.0012042**	**.0049292**	**.0091674**
Stddev	.0002174	.0041171	.0000658	.0033540	.0004752	.0000375
%RSD	.4451076	2.379675	2.910154	278.5266	9.641286	.4086083
#1	.0489864	.1759232	.0022130	.0035759	.0052652	.0091409
#2	.0486790	.1701007	.0023060	-.001167	.0045931	.0091939
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				-30.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0122917**	**.2086803**	**.5249089**	**.0106249**	**.1091031**	**.0100303**
Stddev	.0004466	.0439466	.0093128	.0001510	.0103151	.0000151
%RSD	3.633582	21.05931	1.774183	1.421029	9.454411	.1504185
#1	.0126076	.2397552	.5183237	.0105182	.1018093	.0100197
#2	.0119759	.1776053	.5314941	.0107317	.1163970	.0100410
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 11/26/2021 19:18:49 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100124	1.045551	.0100304	F .0030335	.0218031	.0118996
Stddev	.0003604	.019849	.0011363	.0009514	.0008609	.0018959
%RSD	3.599995	1.898411	11.32869	31.36500	3.948613	15.93245
#1	.0102672	1.031515	.0092269	.0037063	.0211943	.0105590
#2	.0097575	1.059586	.0108338	.0023607	.0224119	.0132402
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				-30.0000%		

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .1269541	.0414234	.0052456	.0054058	.0112489	.0046675
Stddev	.0010538	.0024023	.0000246	.0000215	.0038610	.0001430
%RSD	.8300969	5.799291	.4699372	.3984746	34.32295	3.063636
#1	.1276993	.0397248	.0052631	.0053905	.0085188	.0045664
#2	.1262089	.0431221	.0052282	.0054210	.0139791	.0047687
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.2000000					
Range	-30.0000%					

Elem	Zn2062
Units	ppm
Avg	.0205258
Stddev	.0005696
%RSD	2.775133
#1	.0209286
#2	.0201230
Check ?	Chk Pass
Value	
Range	

Sample Name: CCVL Acquired: 11/26/2021 19:18:49 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1752.380	702.2618	4958.298	4339.405
Stddev	3.517	.6213	31.814	22.433
%RSD	.2007098	.0884730	.6416285	.5169626
#1	1749.893	701.8225	4935.803	4355.268
#2	1754.867	702.7011	4980.794	4323.543

Sample Name: 500-208564-f-17-f Acquired: 11/26/2021 19:22:05 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063622	178.0260	.1071284	.1436994	1.979688	.0126688
Stddev	.0016598	1.9296	.0004400	.0007020	.015539	.0004714
%RSD	26.08859	1.083881	.4106993	.4885541	.7848976	3.720945
#1	.0075358	179.3905	.1068173	.1432030	1.990675	.0123355
#2	.0051885	176.6616	.1074395	.1441958	1.968700	.0130021
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000484	F 719.1165	.0043854	.9352805	.2060844	.2488698
Stddev	.0008460	24.7839	.0002273	.0144318	.0007968	.0002652
%RSD	1748.787	3.446442	5.184064	1.543047	.3866287	.1065458
#1	.0006466	736.6414	.0045461	.9250756	.2055210	.2490573
#2	-.000550	701.5916	.0042246	.9454853	.2066478	.2486823
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3002554	296.5939	36.76771	.2907909	375.6551	5.677573
Stddev	.0031916	.5209	.84497	.0068648	2.5044	.015051
%RSD	1.062976	.1756163	2.298130	2.360737	.6666685	.2650960
#1	.2979985	296.2256	37.36520	.2956450	377.4260	5.666930
#2	.3025122	296.9622	36.17023	.2859367	373.8843	5.688215
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208564-f-17-f Acquired: 11/26/2021 19:22:05 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0294851	19.93018	.4688833	.2226837	.0071486	.0036733
Stddev	.0003333	.47816	.0041064	.0007620	.0000691	.0003183
%RSD	1.130489	2.399172	.8757912	.3421901	.9663055	8.664692
#1	.0292494	20.26829	.4659797	.2221449	.0070997	.0034483
#2	.0297208	19.59207	.4717870	.2232226	.0071974	.0038984
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.086135	.0350908	.4118952	1.597201	.0039744	.2951642
Stddev	.003611	.0018217	.0019330	.000837	.0080822	.0005685
%RSD	.3325065	5.191341	.4692962	.0524158	203.3549	.1926004
#1	1.088689	.0363789	.4105284	1.596609	-.001741	.2955661
#2	1.083582	.0338027	.4132621	1.597793	.009689	.2947622
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	1.204756
Stddev	.003680
%RSD	.3054624
#1	1.202154
#2	1.207359
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208564-f-17-f Acquired: 11/26/2021 19:22:05 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1103.440	663.9337	4843.589	4421.034
Stddev	1.585	2.7295	46.632	84.473
%RSD	.1436794	.4111086	.9627582	1.910713
#1	1104.562	662.0037	4876.563	4361.302
#2	1102.319	665.8637	4810.615	4480.765

Sample Name: 500-208564-f-18-f Acquired: 11/26/2021 19:25:23 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011267	83.14653	.0622379	.1016809	.3494392	.0059870
Stddev	.0009828	1.66465	.0053567	.0017606	.0037797	.0001778
%RSD	87.22631	2.002065	8.606872	1.731516	1.081646	2.969374
#1	.0004318	81.96944	.0584501	.1004360	.3467665	.0061127
#2	.0018216	84.32361	.0660257	.1029259	.3521118	.0058613
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007042	F 1066.739	.0024722	.5756254	.0821395	.1364326
Stddev	.006385	52.833	.0002527	.0074855	.0000518	.0004443
%RSD	90.66992	4.952726	10.22161	1.300419	.0630282	.3256225
#1	-.011557	1029.381	.0026509	.5703323	.0821029	.1361185
#2	-.002527	1104.097	.0022935	.5809185	.0821761	.1367468
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1788509	150.0737	15.24285	.1564414	545.1595	3.744990
Stddev	.0010585	1.3554	.49211	.0049524	5.6632	.012417
%RSD	.5918045	.9031842	3.228451	3.165656	1.038807	.3315750
#1	.1795994	149.1153	14.89488	.1529396	541.1551	3.736210
#2	.1781025	151.0321	15.59082	.1599433	549.1640	3.753771
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208564-f-18-f Acquired: 11/26/2021 19:25:23 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097017	9.271245	.1951454	.0900770	.0024326	.0028474
Stddev	.0006664	.293561	.0007990	.0022471	.0005225	.0021286
%RSD	6.869309	3.166358	.4094556	2.494629	21.48008	74.75522
#1	.0101730	9.063666	.1945804	.0884881	.0028021	.0013423
#2	.0092305	9.478824	.1957104	.0916659	.0020631	.0043526
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.209521	.0305473	.4880729	2.209981	.0044320	.2104522
Stddev	.005243	.0049531	.0013996	.000371	.0089044	.0008816
%RSD	.4335119	16.21444	.2867693	.0167808	200.9105	.4189039
#1	1.205814	.0340497	.4890626	2.210244	-.001864	.2098288
#2	1.213229	.0270450	.4870832	2.209719	.010728	.2110756
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.5139181
Stddev	.0017265
%RSD	.3359438
#1	.5126972
#2	.5151389
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208564-f-18-f Acquired: 11/26/2021 19:25:23 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1071.008	621.5319	4482.446	4242.434
Stddev	11.130	8.3063	34.336	14.406
%RSD	1.039213	1.336424	.7660125	.3395689
#1	1078.878	627.4054	4458.167	4252.621
#2	1063.138	615.6585	4506.725	4232.248

Sample Name: 500-208564-f-19-f Acquired: 11/26/2021 19:29:02 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029078	92.11346	.0590430	.1052029	.3990241	.0069733
Stddev	.0003944	.01825	.0029938	.0017802	.0010372	.0003734
%RSD	13.56239	.0198139	5.070593	1.692131	.2599248	5.355190
#1	.0026290	92.10055	.0611599	.1064617	.3982907	.0067092
#2	.0031867	92.12636	.0569260	.1039442	.3997575	.0072373
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010187	F 1110.590	.0027310	.6509367	.0922737	.1457721
Stddev	.000492	48.466	.0005170	.0010948	.0002894	.0037287
%RSD	4.831040	4.364009	18.93188	.1681918	.3136589	2.557897
#1	-.010535	1076.319	.0030966	.6501626	.0924784	.1484087
#2	-.009839	1144.861	.0023654	.6517109	.0920691	.1431356
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1919318	164.6019	17.99847	.1814842	554.2385	4.309690
Stddev	.0013942	1.5590	.24670	.0026760	1.2456	.029809
%RSD	.7263817	.9471363	1.370690	1.474512	.2247468	.6916641
#1	.1929177	163.4996	18.17291	.1833764	553.3577	4.288613
#2	.1909460	165.7043	17.82402	.1795919	555.1193	4.330768
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208564-f-19-f Acquired: 11/26/2021 19:29:02 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115287	10.90584	.2172844	.1093944	.0016100	-.000472
Stddev	.0012884	.17761	.0011270	.0004141	.0003971	.000030
%RSD	11.17565	1.628576	.5186568	.3785283	24.66369	6.462319
#1	.0124398	11.03142	.2180813	.1091015	.0018907	-.000493
#2	.0106177	10.78025	.2164875	.1096872	.0013292	-.000450
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.665112	.0314328	.5244234	2.337041	.0045767	.2174998
Stddev	.031946	.0024583	.0044923	.010621	.0069299	.0026748
%RSD	1.918564	7.820887	.8566129	.4544835	151.4159	1.229773
#1	1.687701	.0331711	.5275999	2.344552	.0094769	.2193912
#2	1.642522	.0296945	.5212468	2.329531	-.000323	.2156085
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.5657408
Stddev	.0025097
%RSD	.4436128
#1	.5675154
#2	.5639662
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208564-f-19-f Acquired: 11/26/2021 19:29:02 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1054.722	615.1479	4473.000	4233.061
Stddev	5.874	7.6121	32.073	44.264
%RSD	.5569143	1.237450	.7170459	1.045674
#1	1050.569	609.7653	4450.321	4201.762
#2	1058.876	620.5305	4495.679	4264.360

Sample Name: 500-208564-f-20-f Acquired: 11/26/2021 19:32:20 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0041661**	**91.13288**	**.0601758**	**.0707484**	**1.007975**	**.0072274**	**-.005963**
Stddev	.0008672	1.38245	.0003210	.0003199	.013780	.0002213	.002007
%RSD	20.81623	1.516963	.5334714	.4521140	1.367050	3.061620	33.66206
#1	.0047793	90.15534	.0599488	.0709746	.998232	.0073839	-.007383
#2	.0035528	92.11042	.0604028	.0705222	1.017719	.0070710	-.004544
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**298.7514**	**.0192790**	**.7697875**	**.1108941**	**.1482811**	**.1882208**	**162.5828**
Stddev	2.6829	.0001704	.0128218	.0000569	.0005063	.0018576	1.9933
%RSD	.8980529	.8839181	1.665631	.0512737	.3414246	.9869089	1.226042
#1	296.8543	.0193995	.7607211	.1108539	.1486390	.1869073	161.1733
#2	300.6486	.0191585	.7788539	.1109344	.1479231	.1895343	163.9923
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.79311**	**.1212921**	**176.9116**	**9.790192**	**.0084315**	**22.35732**	**.2471108**
Stddev	.04003	.0008816	2.3603	.104799	.0003395	.13380	.0013209
%RSD	.2705981	.7268271	1.334194	1.070451	4.026421	.5984655	.5345224
#1	14.76481	.1206687	175.2426	9.716088	.0086715	22.26271	.2461768
#2	14.82142	.1219154	178.5806	9.864296	.0081914	22.45193	.2480448
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208564-f-20-f Acquired: 11/26/2021 19:32:20 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4426682	.0054487	.0023259	1.542612	.0283278	.1997791	1.675055
Stddev	.0031234	.0003202	.0005389	.021210	.0025011	.0009365	.005794
%RSD	.7055770	5.876881	23.16856	1.374927	8.829023	.4687650	.3459008
#1	.4404597	.0052223	.0027070	1.557610	.0265593	.1991169	1.670958
#2	.4448768	.0056751	.0019449	1.527614	.0300963	.2004412	1.679152
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0029777	.2278289	3.839165
Stddev	.0011435	.0000098	.019658
%RSD	38.40112	.0043017	.5120273
#1	.0037862	.2278359	3.825265
#2	.0021691	.2278220	3.853065
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1256.802	683.5203	4977.452	4519.289
Stddev	1.638	1.6454	49.326	12.726
%RSD	.1303452	.2407220	.9909844	.2815874
#1	1257.961	682.3569	5012.330	4528.288
#2	1255.644	684.6838	4942.573	4510.291

Sample Name: 500-208567-f-1-h Acquired: 11/26/2021 19:35:32 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026221	135.3798	.1203900	.1226718	.5939461	.0102708
Stddev	.0013578	1.2803	.0006418	.0000619	.0036970	.0006913
%RSD	51.78103	.9457368	.5330663	.0504689	.6224484	6.731179
#1	.0016621	134.4744	.1199362	.1227156	.5913320	.0097819
#2	.0035822	136.2851	.1208438	.1226281	.5965603	.0107596
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004689	F 1131.917	.0043303	.7744993	.1446946	.1999942
Stddev	.0029114	5.611	.0002356	.0060145	.0010199	.0025466
%RSD	620.9500	.4957003	5.439480	.7765601	.7048316	1.273349
#1	-.001590	1127.949	.0044969	.7787521	.1454157	.2017949
#2	.002528	1135.884	.0041638	.7702464	.1439734	.1981934
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2935462	266.1418	28.30660	.2370517	598.5026	5.886764
Stddev	.0039491	1.4791	.21437	.0015743	3.5419	.020283
%RSD	1.345313	.5557439	.7573283	.6641050	.5917907	.3445498
#1	.2907537	265.0960	28.15501	.2359386	595.9981	5.872422
#2	.2963386	267.1877	28.45818	.2381649	601.0071	5.901106
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-1-h Acquired: 11/26/2021 19:35:32 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0528625	30.53151	.3675612	.2019168	.0066705	.0026752
Stddev	.0007148	.22249	.0003984	.0016157	.0004074	.0009962
%RSD	1.352257	.7287144	.1084000	.8001815	6.107160	37.23820
#1	.0533680	30.37419	.3672794	.2007743	.0069585	.0019708
#2	.0523571	30.68883	.3678429	.2030592	.0063824	.0033796
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.534237	.0336685	.4882175	1.577904	.0070938	.2570215
Stddev	.030269	.0010022	.0004555	.001513	.0027225	.0013248
%RSD	1.972932	2.976774	.0933071	.0959171	38.37871	.5154373
#1	1.555641	.0343772	.4878954	1.576834	.0090189	.2579583
#2	1.512834	.0329598	.4885396	1.578974	.0051687	.2560847
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	1.047378
Stddev	.002411
%RSD	.2302089
#1	1.049083
#2	1.045673
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-1-h Acquired: 11/26/2021 19:35:32 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1036.323	635.5482	4594.932	4367.473
Stddev	10.377	5.0969	42.578	15.892
%RSD	1.001292	.8019694	.9266243	.3638706
#1	1028.986	631.9441	4625.039	4356.236
#2	1043.661	639.1522	4564.825	4378.710

Sample Name: 500-208567-f-2-f Acquired: 11/26/2021 19:38:51 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036484	127.6805	.0974250	.1214434	1.167961	.0098578
Stddev	.0000312	1.5510	.0014842	.0001523	.013477	.0000691
%RSD	.8561961	1.214753	1.523416	.1254264	1.153903	.7005336
#1	.0036705	126.5837	.0984745	.1213357	1.158431	.0099066
#2	.0036263	128.7772	.0963756	.1215511	1.177490	.0098090
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006086	F 982.5836	.0091068	.8461737	.1443251	.1864027
Stddev	.000117	40.2078	.0001341	.0015867	.0010647	.0001919
%RSD	1.914428	4.092052	1.472713	.1875153	.7377146	.1029321
#1	-.006168	954.1524	.0090120	.8450518	.1435722	.1865384
#2	-.006003	1011.015	.0092017	.8472957	.1450779	.1862670
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2423117	222.5719	24.27541	.2070696	440.2596	5.982849
Stddev	.0024660	1.4419	.19182	.0011396	3.5797	.037845
%RSD	1.017707	.6478544	.7901964	.5503227	.8130863	.6325547
#1	.2440555	221.5523	24.13977	.2062639	437.7284	5.956089
#2	.2405680	223.5915	24.41105	.2078754	442.7909	6.009610
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-2-f Acquired: 11/26/2021 19:38:51 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228155	12.15895	.3438538	.2554789	.0057561	.0063568
Stddev	.0006859	.09649	.0012420	.0019198	.0012189	.0004481
%RSD	3.006348	.7935327	.3611912	.7514574	21.17475	7.048863
#1	.0223305	12.09072	.3429756	.2541214	.0048943	.0066736
#2	.0233005	12.22717	.3447320	.2568364	.0066180	.0060399
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.202287	.0347147	.5494619	2.120205	-.000628	.2719521
Stddev	.001838	.0012343	.0021813	.000841	.003614	.0008806
%RSD	.1528534	3.555657	.3969959	.0396693	575.0742	.3238176
#1	1.203586	.0338419	.5510043	2.119610	.001927	.2725748
#2	1.200987	.0355875	.5479194	2.120799	-.003184	.2713294
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	1.808359
Stddev	.020814
%RSD	1.151015
#1	1.793641
#2	1.823077
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-2-f Acquired: 11/26/2021 19:38:51 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1084.645	666.4621	4762.544	4443.283
Stddev	6.727	6.3695	37.861	.197
%RSD	.6202316	.9557213	.7949721	.0044309
#1	1079.888	661.9582	4735.772	4443.422
#2	1089.402	670.9661	4789.316	4443.144

Sample Name: 500-208567-f-3-f Acquired: 11/26/2021 19:42:09 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0062473**	**127.0063**	**.0946679**	**.0380101**	**.8972719**	**.0089188**	**-.000920**
Stddev	.0006457	.4357	.0000714	.0001442	.0054431	.0000229	.000075
%RSD	10.33512	.3430770	.0753923	.3792556	.6066338	.2570253	8.133407
#1	.0057908	126.6982	.0947184	.0379082	.8934230	.0089350	-.000972
#2	.0067039	127.3144	.0946175	.0381120	.9011208	.0089026	-.000867
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**64.97327**	**.0038951**	**1.056021**	**.1525823**	**.2011568**	**.2305844**	**231.9396**
Stddev	1.37348	.0001498	.000889	.0005919	.0010407	.0008328	3.5384
%RSD	2.113911	3.845118	.0841469	.3879022	.5173636	.3611515	1.525591
#1	64.00207	.0037892	1.056649	.1521637	.2004209	.2311733	229.4375
#2	65.94446	.0040010	1.055393	.1530008	.2018927	.2299956	234.4416
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**13.34104**	**.1177755**	**48.98702**	**5.586721**	**.0154881**	**14.63548**	**.2894766**
Stddev	.14480	.0016080	.13882	.082329	.0008301	.15879	.0019579
%RSD	1.085366	1.365339	.2833883	1.473651	5.359661	1.084998	.6763603
#1	13.44343	.1189125	48.88886	5.528506	.0149011	14.74776	.2880921
#2	13.23865	.1166384	49.08519	5.644936	.0160750	14.52319	.2908610
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208567-f-3-f Acquired: 11/26/2021 19:42:09 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2011809	.0047062	.0042821	.7582452	.0285757	.1653370	1.739832
Stddev	.0014225	.0012730	.0034082	.0085763	.0013867	.0006048	.003687
%RSD	.7070685	27.04875	79.58987	1.131074	4.852849	.3657840	.2119027
#1	.2021868	.0056063	.0066921	.7521808	.0275951	.1657647	1.737225
#2	.2001751	.0038061	.0018722	.7643096	.0295563	.1649094	1.742439
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0085822	.3369055	1.091634
Stddev	.0022388	.0003625	.005761
%RSD	26.08687	.1076058	.5277042
#1	.0101653	.3366491	1.087561
#2	.0069991	.3371618	1.095708
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1381.372	784.4233	5649.155	4960.003
Stddev	1.650	.8098	27.491	55.078
%RSD	.1194241	.1032412	.4866371	1.110441
#1	1382.539	784.9960	5629.716	4921.057
#2	1380.206	783.8507	5668.594	4998.949

Sample Name: 500-208567-f-4-f Acquired: 11/26/2021 19:45:22 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025090	109.1347	.0939825	.0843913	.5977887	.0080528
Stddev	.0000201	1.7644	.0061854	.0000125	.0074466	.0000041
%RSD	.7997957	1.616709	6.581394	.0148427	1.245693	.0506936
#1	.0025232	107.8871	.0983562	.0844001	.5925231	.0080499
#2	.0024948	110.3823	.0896088	.0843824	.6030542	.0080557
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003875	F 756.2874	.0037193	.7111141	.1078677	.1754847
Stddev	.003318	34.6033	.0000144	.0005283	.0000842	.0006387
%RSD	85.62436	4.575414	.3883623	.0742912	.0780387	.3639803
#1	-.001529	731.8191	.0037091	.7107405	.1079272	.1750331
#2	-.006221	780.7556	.0037295	.7114876	.1078082	.1759364
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2159009	206.5652	17.48036	.1815524	393.2764	5.790326
Stddev	.0028523	2.6340	.19994	.0025565	4.5164	.054009
%RSD	1.321122	1.275129	1.143778	1.408149	1.148397	.9327405
#1	.2179177	204.7027	17.33898	.1797446	390.0828	5.752136
#2	.2138840	208.4277	17.62173	.1833601	396.4699	5.828516
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-4-f Acquired: 11/26/2021 19:45:22 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131869	9.426088	.2859913	.1545047	.0046235	.0008033
Stddev	.0010025	.122123	.0024517	.0025195	.0041570	.0017205
%RSD	7.602429	1.295585	.8572617	1.630674	89.91101	214.1884
#1	.0138959	9.339734	.2877250	.1562862	.0075629	.0020198
#2	.0124781	9.512442	.2842577	.1527231	.0016840	-.000413
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.020544	.0297327	.3703024	2.078512	.0051857	.2594585
Stddev	.000213	.0001297	.0014119	.001410	.0018816	.0005748
%RSD	.0208714	.4361711	.3812955	.0678453	36.28344	.2215550
#1	1.020393	.0298244	.3713008	2.077515	.0038553	.2590520
#2	1.020695	.0296410	.3693040	2.079509	.0065162	.2598649
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.6911710
Stddev	.0038504
%RSD	.5570774
#1	.6938936
#2	.6884484
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-4-f Acquired: 11/26/2021 19:45:22 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1127.551	646.6315	4684.125	4313.798
Stddev	1.232	1.2405	52.738	3.921
%RSD	.1092556	.1918375	1.125895	.0908950
#1	1126.680	647.5087	4646.833	4311.026
#2	1128.422	645.7544	4721.417	4316.571

Sample Name: 500-208567-f-5-f Acquired: 11/26/2021 19:48:40 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034945	131.9876	.1552784	.0956961	.7794961	.0106259
Stddev	.0003605	1.7219	.0029936	.0002431	.0084888	.0001020
%RSD	10.31680	1.304580	1.927869	.2540274	1.089008	.9600636
#1	.0032396	130.7701	.1531616	.0958680	.7734936	.0105538
#2	.0037495	133.2052	.1573952	.0955243	.7854986	.0106980
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049448	F 946.7924	.0059318	.7630744	.2182797	.1987436
Stddev	.0002736	24.8942	.0003614	.0017249	.0011790	.0017364
%RSD	5.533868	2.629320	6.093429	.2260435	.5401429	.8736948
#1	.0051383	929.1895	.0056762	.7618547	.2174461	.1999714
#2	.0047513	964.3952	.0061874	.7642940	.2191134	.1975158
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3701720	295.6879	24.21945	.2198892	488.5407	7.120720
Stddev	.0006402	1.4319	.40501	.0039159	4.0112	.047988
%RSD	.1729572	.4842642	1.672233	1.780861	.8210650	.6739200
#1	.3706247	294.6754	23.93307	.2171202	485.7043	7.086788
#2	.3697192	296.7004	24.50583	.2226582	491.3770	7.154653
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-5-f Acquired: 11/26/2021 19:48:40 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0654290**	**12.07410**	**.4667419**	**.2470116**	**.0079520**	**.0028463**
Stddev	.0011421	.20340	.0056603	.0019436	.0005901	.0003845
%RSD	1.745573	1.684600	1.212731	.7868341	7.420313	13.50829
#1	.0646214	11.93028	.4627395	.2483859	.0075347	.0025744
#2	.0662366	12.21793	.4707443	.2456373	.0083692	.0031182
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.046417**	**.0321241**	**.4659837**	**1.098059**	**.0171269**	**.2593404**
Stddev	.003106	.0043787	.0011953	.005638	.0131654	.0029454
%RSD	.2967879	13.63049	.2565135	.5134761	76.86962	1.135736
#1	1.044221	.0290279	.4668289	1.102046	.0078176	.2614231
#2	1.048613	.0352203	.4651385	1.094072	.0264362	.2572577
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**1.356396**
Stddev	.006051
%RSD	.4460845
#1	1.352118
#2	1.360675
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-5-f Acquired: 11/26/2021 19:48:40 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1085.400	654.8107	4744.550	4402.644
Stddev	7.688	5.2619	15.468	3.445
%RSD	.7082960	.8035713	.3260233	.0782483
#1	1090.836	658.5314	4755.488	4405.080
#2	1079.964	651.0900	4733.612	4400.208

Sample Name: CCV Acquired: 11/26/2021 19:51:58 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4884823**	**47.90875**	**.5042632**	**.5134953**	**.4975351**	**.4968279**
Stddev	.0038377	.34773	.0069863	.0030787	.0033390	.0082347
%RSD	.7856308	.7258080	1.385457	.5995571	.6711046	1.657447
#1	.4857686	47.66287	.4993231	.5113183	.4951741	.4910051
#2	.4911959	48.15463	.5092033	.5156723	.4998961	.5026507
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5176973**	**23.22738**	**.5132667**	F **.0911946**	**.5231313**	**.4671034**
Stddev	.0019410	.63308	.0013412	.0042393	.0009919	.0002133
%RSD	.3749237	2.725580	.2612995	4.648664	.1896020	.0456541
#1	.5163249	22.77972	.5123183	.0881969	.5224300	.4672542
#2	.5190698	23.67504	.5142150	.0941923	.5238327	.4669526
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5262498**	**24.11761**	**50.26774**	**3.941331**	**24.73656**	**4.745675**
Stddev	.0009838	.44862	.90909	.072159	.00067	.095603
%RSD	.1869371	1.860130	1.808504	1.830836	.0027213	2.014534
#1	.5269454	23.80039	50.91057	3.992356	24.73609	4.678073
#2	.5255541	24.43483	49.62491	3.890307	24.73704	4.813276
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/26/2021 19:51:58 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4793601**	**25.26468**	**.5125592**	**.5192520**	**.4807125**	**.4943291**
Stddev	.0019603	.46645	.0002372	.0003019	.0015079	.0016918
%RSD	.4089455	1.846272	.0462757	.0581353	.3136839	.3422367
#1	.4779740	25.59452	.5127269	.5190385	.4796463	.4955254
#2	.4807463	24.93485	.5123915	.5194655	.4817788	.4931329
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.2877673**	**.5105505**	**.5015295**	**.4854538**	**.5064892**	**4.901556**
Stddev	.0019160	.0003436	.0009314	.0005864	.0001364	.001455
%RSD	.6658190	.0672971	.1857032	.1207984	.0269316	.0296869
#1	.2864125	.5107935	.5021881	.4850391	.5063927	4.900527
#2	.2891221	.5103076	.5008710	.4858685	.5065857	4.902585
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**.5223364**
Stddev	.0019442
%RSD	.3722086
#1	.5209616
#2	.5237111
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/26/2021 19:51:58 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1522.247	666.5636	4650.633	4212.924
Stddev	2.635	1.4354	1.405	40.769
%RSD	.1731139	.2153501	.0302036	.9677011
#1	1520.384	667.5787	4649.640	4184.097
#2	1524.110	665.5486	4651.627	4241.752

Sample Name: CCB Acquired: 11/26/2021 19:55:06 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004514	.0466477	-.003550	.0015612	.0001253	.0000740	-.001639
Stddev	.0000020	.0046590	.003485	.0002597	.0000926	.0000092	.001133
%RSD	.4415548	9.987694	98.16695	16.63590	73.90101	12.48740	69.12016
#1	.0004500	.0433533	-.001086	.0017449	.0001908	.0000675	-.002441
#2	.0004528	.0499422	-.006015	.0013776	.0000598	.0000806	-.000838
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000404	.0000627	.0017672	-.000193	-.000296	.0020087	-.036098
Stddev	.008931	.0001492	.0030835	.000092	.000407	.0001942	.038330
%RSD	2209.883	238.1867	174.4827	47.82988	137.5463	9.665433	106.1810
#1	.005911	-.000043	-.000413	-.000258	-.000584	.0018714	-.008995
#2	-.006719	.000168	.003948	-.000127	-.000008	.0021460	-.063202
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001150	.0006661	.0030030	.0006554	.0002582	.0097607	.0005056
Stddev	.002191	.0001186	.0176477	.0001764	.0001542	.0005766	.0004848
%RSD	190.4325	17.81141	587.6735	26.92061	59.71503	5.907725	95.88971
#1	.000399	.0007500	.0154818	.0007801	.0001492	.0101685	.0001628
#2	-.002699	.0005822	-.009476	.0005306	.0003672	.0093530	.0008484
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 11/26/2021 19:55:06 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002981	.0017497	.0013459	-.006133	.0007247	.0000236	.0007254
Stddev	.001528	.0013432	.0053956	.000357	.0020875	.0000137	.0000031
%RSD	51.24415	76.76685	400.8854	5.815618	288.0659	58.20025	.4283857
#1	-.001901	.0026995	.0051612	-.005881	.0022008	.0000139	.0007276
#2	-.004061	.0007999	-.002469	-.006385	-.000751	.0000333	.0007232
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0023434	.0002445	.0000652
Stddev	.0014232	.0001042	.0008078
%RSD	60.73400	42.63444	1239.102
#1	.0033497	.0001708	-.000506
#2	.0013370	.0003182	.000636
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1742.906	694.3023	4949.888	4339.197
Stddev	8.109	5.9303	10.612	16.674
%RSD	.4652686	.8541405	.2143786	.3842612
#1	1748.640	698.4957	4957.391	4327.407
#2	1737.172	690.1089	4942.385	4350.987

Sample Name: CCVL Acquired: 11/26/2021 19:58:27 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0045492**	**.2161775**	**.0084008**	**.0514577**	**.0102052**	**.0037519**
Stddev	.0000269	.0101768	.0026939	.0002475	.0000962	.0000658
%RSD	.5914405	4.707614	32.06766	.4808929	.9423693	1.753164
#1	.0045682	.2089814	.0064959	.0512827	.0101372	.0037054
#2	.0045301	.2233735	.0103057	.0516327	.0102732	.0037984
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0496844**	**.1733105**	**.0022723**	F **.0010269**	**.0048670**	**.0086496**
Stddev	.0000412	.0018403	.0001576	.0004570	.0006541	.0015930
%RSD	.0828580	1.061830	6.935560	44.50631	13.43885	18.41735
#1	.0496553	.1746117	.0021608	.0013501	.0044045	.0097761
#2	.0497135	.1720092	.0023837	.0007037	.0053295	.0075232
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				-30.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0123049**	**.1886914**	**.5173847**	**.0104673**	**.0886163**	**.0093803**
Stddev	.0003094	.0410874	.0044313	.0000321	.0181732	.0005274
%RSD	2.514557	21.77492	.8564807	.3070810	20.50778	5.622097
#1	.0120861	.1596382	.5205181	.0104446	.1014667	.0090074
#2	.0125237	.2177446	.5142513	.0104901	.0757659	.0097532
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 11/26/2021 19:58:27 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097370	1.026441	.0111941	F .0016143	.0192731	.0124046
Stddev	.0000753	.014113	.0016059	.0011851	.0006055	.0013747
%RSD	.7737498	1.374944	14.34574	73.41163	3.141614	11.08189
#1	.0096838	1.016461	.0100586	.0007763	.0197013	.0114325
#2	.0097903	1.036420	.0123296	.0024523	.0188450	.0133766
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				-30.0000%		

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .1268605	.0403402	.0052662	.0053435	.0118346	.0055636
Stddev	.0005908	.0022487	.0000209	.0001130	.0025334	.0004067
%RSD	.4656774	5.574212	.3972315	2.114714	21.40684	7.310446
#1	.1264427	.0419302	.0052514	.0052636	.0136260	.0058512
#2	.1272782	.0387502	.0052810	.0054235	.0100432	.0052760
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.2000000					
Range	-30.0000%					

Elem	Zn2062
Units	ppm
Avg	.0204478
Stddev	.0009127
%RSD	4.463644
#1	.0198024
#2	.0210932
Check ?	Chk Pass
Value	
Range	

Sample Name: CCVL Acquired: 11/26/2021 19:58:27 Type: QC
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1745.217	701.6604	4958.085	4368.183
Stddev	5.913	4.7841	5.304	13.478
%RSD	.3388220	.6818261	.1069781	.3085388
#1	1749.398	705.0433	4954.335	4358.653
#2	1741.035	698.2775	4961.836	4377.713

Sample Name: Si Acquired: 11/26/2021 20:02:05 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008647**	**.0421155**	**-.007604**	**.0000363**	**.0000072**	**-.000148**	**-.013096**
Stddev	.0009717	.0094075	.002530	.0000516	.0000476	.000091	.000516
%RSD	112.3731	22.33741	33.27127	141.9758	663.8045	61.07456	3.940750
#1	.0015518	.0354634	-.005815	-.000000	-.000027	-.000084	-.013461
#2	.0001776	.0487676	-.009393	.000073	.000041	-.000212	-.012731
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.011620**	**-.000095**	**.0130499**	**-.001169**	**.0015571**	**.0019399**	**-.005873**
Stddev	.002199	.000038	.0002652	.000306	.0007303	.0000376	.011197
%RSD	18.92086	39.55570	2.031877	26.16234	46.90194	1.937701	190.6573
#1	-.010065	-.000122	.0128624	-.000952	.0020736	.0019664	.002045
#2	-.013175	-.000069	.0132373	-.001385	.0010407	.0019133	-.013791
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.012191**	**.0004076**	**-.016261**	**.0001822**	**-.000377**	**.0055285**	**.0065773**
Stddev	.002680	.0002150	.006072	.0007011	.000714	.0010640	.0003905
%RSD	21.98209	52.74515	37.34313	384.9078	189.0352	19.24580	5.936719
#1	-.010296	.0002556	-.011967	.0006779	-.000882	.0062808	.0068534
#2	-.014086	.0005596	-.020555	-.000314	.000127	.0047761	.0063012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: Si Acquired: 11/26/2021 20:02:05 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016537	.0067290	.0013372	57.09951	.0036710	.0000087	.0035250
Stddev	.0002501	.0011162	.0020704	.02000	.0012805	.0000144	.0005329
%RSD	15.12493	16.58707	154.8262	.0350323	34.88165	165.1126	15.11808
#1	.0018306	.0059398	-.000127	57.11365	.0027655	.0000190	.0039019
#2	.0014768	.0075183	.002801	57.08537	.0045764	-.000001	.0031482
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0023324	.0003554	-.000295
Stddev	.0016951	.0000080	.000316
%RSD	72.67677	2.256866	107.2869
#1	.0011338	.0003610	-.000071
#2	.0035310	.0003497	-.000519
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1708.543	701.6367	4948.220	4320.215
Stddev	1.362	2.8395	5.751	13.573
%RSD	.0797049	.4046953	.1162204	.3141807
#1	1707.580	699.6288	4944.153	4329.813
#2	1709.506	703.6445	4952.286	4310.617

Sample Name: AI Acquired: 11/26/2021 20:05:20 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0024016**	F **723.1440**	**-.003264**	**-.000021**	**.0005742**	**-.000378**
Stddev	.0011125	15.5544	.006445	.000654	.0000033	.000151
%RSD	46.32304	2.150945	197.4524	3187.003	.5732565	39.92387
#1	.0016149	712.1454	-.007822	.000442	.0005719	-.000485
#2	.0031882	734.1427	.001293	-.000483	.0005765	-.000271
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002913**	**.0082937**	**.0008004**	**.1237623**	**-.000588**	**.0010393**
Stddev	.001414	.0006155	.0001999	.0049934	.000222	.0009597
%RSD	48.52240	7.420933	24.96914	4.034640	37.69323	92.33679
#1	-.003913	.0087289	.0006591	.1272931	-.000745	.0003607
#2	-.001914	.0078585	.0009417	.1202314	-.000431	.0017179
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0040710**	**.0209220**	**-.018569**	**.0004114**	**-.010551**	**.0021376**
Stddev	.0001950	.0470507	.006412	.0000539	.003241	.0001347
%RSD	4.790441	224.8863	34.52758	13.11609	30.71711	6.303057
#1	.0042089	-.012348	-.023103	.0004495	-.012843	.0022329
#2	.0039331	.054192	-.014036	.0003732	-.008260	.0020423
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: AI Acquired: 11/26/2021 20:05:20 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022147	.0675821	-.005256	.0065507	-.014215	.0034466
Stddev	.0016062	.0034216	.001018	.0041117	.002861	.0029415
%RSD	72.52646	5.062934	19.37124	62.76737	20.12696	85.34322
#1	.0010789	.0651627	-.005976	.0036433	-.012192	.0055265
#2	.0033505	.0700016	-.004536	.0094581	-.016238	.0013667
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054246	.0051754	-.001612	.0004079	-.004546	-.000239
Stddev	.0028478	.0019031	.000146	.0000781	.002569	.000704
%RSD	52.49798	36.77257	9.047039	19.14306	56.51687	294.4015
#1	.0074383	.0038297	-.001509	.0003527	-.006363	-.000737
#2	.0034109	.0065211	-.001715	.0004631	-.002729	.000259
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0030502
Stddev	.0005774
%RSD	18.93178
#1	.0034585
#2	.0026418
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: AI Acquired: 11/26/2021 20:05:20 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1435.471	635.3815	4432.288	3358.566
Stddev	10.884	7.0551	10.046	37.702
%RSD	.7581954	1.110373	.2266534	1.122566
#1	1443.167	640.3703	4439.392	3385.226
#2	1427.775	630.3928	4425.185	3331.907

Sample Name: Fe Acquired: 11/26/2021 20:08:35 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001110**	**.0210648**	**-.000049**	**-.005163**	**.0000418**	**.0043771**	**.0236197**
Stddev	.0003316	.0117493	.001044	.000265	.0000651	.0000076	.0016919
%RSD	298.8336	55.77723	2149.898	5.135265	155.6519	.1742301	7.163112
#1	.0003454	.0293728	-.000787	-.004975	-.000004	.0043717	.0224234
#2	-.000123	.0127567	.000690	-.005350	.000088	.0043825	.0248161
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.017652**	**-.001139**	**.0158349**	**.0001876**	**.0029309**	**-.005627**	**489.7143**
Stddev	.000665	.000110	.0015708	.0001932	.0010342	.000225	4.9724
%RSD	3.767196	9.687596	9.919546	102.9804	35.28541	4.002669	1.015366
#1	-.017182	-.001061	.0147242	.0000510	.0021996	-.005468	486.1983
#2	-.018123	-.001217	.0169456	.0003242	.0036621	-.005787	493.2303
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.075149**	**.0003572**	**.0030490**	**.0004796**	**-.007252**	**.0041136**	**.0087358**
Stddev	.000629	.0000548	.0017607	.0002168	.000362	.0000141	.0010172
%RSD	.8367739	15.33435	57.74659	45.20353	4.985317	.3436150	11.64435
#1	-.075593	.0003185	.0042940	.0003263	-.007508	.0041236	.0094551
#2	-.074704	.0003960	.0018040	.0006329	-.006996	.0041036	.0080165
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: Fe Acquired: 11/26/2021 20:08:35 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052737	.0106078	.0052853	.0051841	.0070989	.0001648	-.000786
Stddev	.0013670	.0009329	.0001896	.0002067	.0024989	.0000082	.000141
%RSD	25.92121	8.795019	3.586442	3.986373	35.20154	4.993440	17.97719
#1	.0062403	.0112674	.0051512	.0053303	.0088659	.0001706	-.000886
#2	.0043071	.0099480	.0054193	.0050380	.0053319	.0001589	-.000686
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0139506	-.000138	-.001260
Stddev	.0014999	.000412	.001218
%RSD	10.75118	298.5963	96.66486
#1	.0128900	-.000429	-.000399
#2	.0150112	.000153	-.002122
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1554.228	653.0913	4650.099	4201.720
Stddev	8.927	6.4724	24.805	1.667
%RSD	.5743624	.9910343	.5334264	.0396849
#1	1547.915	648.5146	4632.559	4200.541
#2	1560.540	657.6679	4667.638	4202.900

Sample Name: As Acquired: 11/26/2021 20:11:51 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012132	.0370190	F 1.030644	-.000099	.0000206	-.000116
Stddev	.0003201	.0077897	.002864	.000562	.0000180	.000126
%RSD	26.38454	21.04248	.2778870	568.1871	87.18627	108.4015
#1	.0014395	.0425271	1.028619	.000299	.0000079	-.000206
#2	.0009869	.0315108	1.032669	-.000497	.0000333	-.000027
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			1.000000			
Low Limit			-.010000			

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001149	-.012604	.0006055	.0875808	-.000150	.0014722
Stddev	.000834	.001395	.0002132	.0029824	.000055	.0006984
%RSD	72.63559	11.06759	35.20078	3.405275	36.74481	47.43808
#1	-.000559	-.011617	.0007562	.0896897	-.000188	.0009784
#2	-.001739	-.013590	.0004548	.0854720	-.000111	.0019660
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022395	-.021974	-.004974	.0003561	-.000037	-.000072
Stddev	.0004701	.032333	.001520	.0000852	.005202	.000070
%RSD	20.99151	147.1442	30.55978	23.92718	13965.96	97.36839
#1	.0025719	.000889	-.006049	.0004164	.003641	-.000121
#2	.0019071	-.044837	-.003899	.0002959	-.003716	-.000022
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: As Acquired: 11/26/2021 20:11:51 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000650**	**.0094281**	**.0003981**	**-.001221**	**-.000637**	**.0025474**
Stddev	.000311	.0026143	.0021542	.000998	.000227	.0005084
%RSD	47.82813	27.72922	541.1003	81.71875	35.69488	19.95825
#1	-.000869	.0112767	.0019213	-.000516	-.000476	.0029069
#2	-.000430	.0075794	-.001125	-.001927	-.000797	.0021879
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0026105**	**.0014327**	**-.000015**	**.0001047**	**.0020362**	**-.000151**
Stddev	.0001735	.0002649	.000006	.0001277	.0001056	.000583
%RSD	6.646623	18.48893	39.80071	121.9652	5.183407	384.8948
#1	.0027332	.0012454	-.000011	.0000144	.0019616	.000261
#2	.0024878	.0016200	-.000020	.0001950	.0021108	-.000564
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.0007122**
Stddev	.0000814
%RSD	11.42251
#1	.0006547
#2	.0007698
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: As Acquired: 11/26/2021 20:11:51 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1718.905	686.4655	4880.694	4313.950
Stddev	2.796	3.1773	16.088	41.257
%RSD	.1626562	.4628436	.3296350	.9563733
#1	1716.928	684.2188	4869.317	4343.124
#2	1720.882	688.7121	4892.070	4284.777

Sample Name: Va Acquired: 11/26/2021 20:15:07 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000694**	**.0091118**	**-.001402**	**-.000669**	**.0000471**	**.0000195**
Stddev	.000296	.0039980	.001569	.000221	.0000683	.0002292
%RSD	42.69770	43.87729	111.9479	32.94360	144.9591	1177.002
#1	-.000485	.0062848	-.000292	-.000513	-.000001	.0001815
#2	-.000904	.0119389	-.002511	-.000825	.000095	-.000143
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000856**	**-.012087**	**.0007651**	**.0117950**	**-.000024**	**.0014542**
Stddev	.002931	.003214	.0000795	.0069624	.000395	.0008168
%RSD	342.4193	26.59066	10.39587	59.02842	1678.078	56.16613
#1	-.002928	-.014360	.0007088	.0068718	.000256	.0008767
#2	.001216	-.009814	.0008213	.0167182	-.000303	.0020318
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013250**	**.0060421**	**-.010739**	**.0003052**	**.0161125**	**-.000087**
Stddev	.0000688	.0149706	.007725	.0001397	.0063936	.000340
%RSD	5.190074	247.7695	71.93238	45.75548	39.68115	392.8526
#1	.0013736	-.004544	-.016201	.0002065	.0115915	-.000327
#2	.0012764	.016628	-.005277	.0004040	.0206335	.000154
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: Va Acquired: 11/26/2021 20:15:07 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000117	.0074370	.0002562	-.003416	-.008015	.0019079
Stddev	.0004469	.0004513	.0005856	.000523	.002442	.0012756
%RSD	3822.529	6.068972	228.5856	15.31779	30.46465	66.85713
#1	-.000304	.0077561	.0006702	-.003046	-.006288	.0028099
#2	.000328	.0071178	-.000158	-.003786	-.009741	.0010060
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002409	.0015725	-.000193	.0001109	.0027007	F 7.012828
Stddev	.000464	.0003323	.000010	.0003383	.0008053	.012551
%RSD	19.27839	21.12986	5.358170	305.1505	29.81903	.1789789
#1	-.002080	.0018075	-.000186	-.000128	.0032701	7.003953
#2	-.002737	.0013376	-.000201	.000350	.0021312	7.021703
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						7.000000
Low Limit						-.005000

Elem	Zn2062
Units	ppm
Avg	.0002791
Stddev	.0003268
%RSD	117.0659
#1	.0000481
#2	.0005102
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: Va Acquired: 11/26/2021 20:15:07 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.578	686.7957	4850.368	4299.676
Stddev	.379	1.8575	20.302	27.272
%RSD	.0219093	.2704602	.4185741	.6342748
#1	1727.845	688.1092	4864.724	4318.960
#2	1727.310	685.4823	4836.012	4280.392

Sample Name: Co Acquired: 11/26/2021 20:18:23 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008637**	**.0504496**	**.0006647**	**-.000041**	**.0000425**	**-.000096**
Stddev	.0000497	.0023999	.0002312	.000282	.0000586	.000053
%RSD	5.752082	4.757045	34.77435	695.4394	137.9799	55.37818
#1	.0008286	.0521466	.0008282	-.000240	.0000010	-.000133
#2	.0008988	.0487526	.0005013	.000159	.0000839	-.000058
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002134**	**-.012173**	**.0003829**	**.0147124**	F **3.000263**	**.0005314**
Stddev	.001302	.005564	.0000051	.0008156	.010989	.0000290
%RSD	61.03518	45.71113	1.321719	5.543729	.3662541	5.457355
#1	-.001213	-.016107	.0003793	.0141357	2.992493	.0005109
#2	-.003055	-.008238	.0003865	.0152891	3.008033	.0005519
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Fail	Chk Pass
High Limit					3.000000	
Low Limit					-.005000	

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0020943**	**-.013027**	**-.014424**	**.0003057**	**-.010863**	**-.000123**
Stddev	.0002174	.010969	.010863	.0000480	.000801	.000095
%RSD	10.38103	84.20212	75.31547	15.69017	7.378289	77.17909
#1	.0022480	-.020783	-.006742	.0003396	-.011429	-.000191
#2	.0019406	-.005271	-.022105	.0002718	-.010296	-.000056
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: Co Acquired: 11/26/2021 20:18:23 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000112	.0043969	.0010670	-.002337	-.001253	.0004852
Stddev	.000256	.0002009	.0000503	.002336	.000243	.0018234
%RSD	229.0104	4.568078	4.711094	99.97384	19.43456	375.7773
#1	-.000293	.0042549	.0010315	-.000685	-.001081	.0017746
#2	.000069	.0045390	.0011026	-.003989	-.001425	-.000804
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002367	.0013562	-.000027	.0001758	.0090323	.0003536
Stddev	.000153	.0007472	.000012	.0001064	.0029467	.0009053
%RSD	6.477679	55.09860	43.22258	60.54128	32.62411	256.0094
#1	-.002259	.0018845	-.000035	.0001005	.0111160	.0009937
#2	-.002476	.0008278	-.000019	.0002510	.0069487	-.000287
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	-.000159
Stddev	.000370
%RSD	232.8957
#1	-.000420
#2	.000103
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: Co Acquired: 11/26/2021 20:18:23 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1716.287	684.5332	4907.495	4320.090
Stddev	2.390	5.0989	9.111	36.875
%RSD	.1392359	.7448793	.1856556	.8535801
#1	1714.597	680.9277	4913.938	4294.015
#2	1717.977	688.1387	4901.053	4346.165

Sample Name: Ti Acquired: 11/26/2021 20:21:38 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014485**	**.0510201**	**-.000305**	**.0000861**	**.0000422**	**-.000087**	**-.002272**
Stddev	.0005758	.0018873	.001360	.0001641	.0000192	.000094	.000775
%RSD	39.74979	3.699214	445.4826	190.5481	45.54875	107.8056	34.09556
#1	.0018556	.0523546	.000656	.0002021	.0000558	-.000021	-.001724
#2	.0010413	.0496855	-.001267	-.000030	.0000286	-.000154	-.002820
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.010514**	**.0002144**	**.0243133**	**.0013288**	**.0004363**	**.0015093**	**-.032856**
Stddev	.002951	.0002472	.0023077	.0003095	.0007461	.0003778	.002807
%RSD	28.06420	115.3191	9.491478	23.28783	171.0003	25.02816	8.543929
#1	-.012601	.0003892	.0259451	.0011100	-.000091	.0012422	-.030871
#2	-.008428	.0000396	.0226815	.0015476	.000964	.0017764	-.034841
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.009442**	**.0002705**	**-.017661**	**.0002710**	**-.000354**	**.0065863**	**.0007336**
Stddev	.003844	.0001470	.001782	.0000831	.000441	.0003307	.0017672
%RSD	40.70784	54.33360	10.08809	30.66544	124.5930	5.020612	240.8912
#1	-.006724	.0001666	-.018921	.0002122	-.000666	.0063525	.0019833
#2	-.012160	.0003745	-.016401	.0003297	-.000042	.0068201	-.000516
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: Ti Acquired: 11/26/2021 20:21:38 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003618**	**-.005983**	**.0018202**	**.0580441**	**.0014067**	**.0000583**	**2.905675**
Stddev	.000780	.001633	.0022259	.0018993	.0001241	.0000141	.008700
%RSD	21.55652	27.29881	122.2898	3.272130	8.819671	24.16995	.2994169
#1	-.003067	-.004828	.0002462	.0593871	.0014944	.0000484	2.911827
#2	-.004170	-.007138	.0033942	.0567011	.0013189	.0000683	2.899523
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**.0026330**	**.0014804**	**-.000190**
Stddev	.0000452	.0002633	.000591
%RSD	1.715597	17.78388	311.4210
#1	.0026649	.0016665	-.000608
#2	.0026010	.0012942	.000228
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1705.124**	**685.1611**	**4859.159**	**4320.491**
Stddev	11.694	8.9683	13.285	23.980
%RSD	.6858293	1.308936	.2734014	.5550227
#1	1713.393	691.5027	4849.765	4337.447
#2	1696.854	678.8196	4868.553	4303.535

Sample Name: Mn Acquired: 11/26/2021 20:24:54 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000491**	**.0483698**	**.0015448**	**.0000778**	**-.000001**	**-.000280**
Stddev	.000287	.0066181	.0000818	.0001412	.000029	.000172
%RSD	58.50455	13.68229	5.296006	181.5506	2698.468	61.55814
#1	-.000288	.0436901	.0014870	-.000022	-.000021	-.000402
#2	-.000694	.0530495	.0016027	.000178	.000019	-.000158
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022557**	**-.011054**	**.0001844**	**.0116602**	**-.000318**	**.0034441**
Stddev	.0004853	.005015	.0000174	.0009074	.000014	.0005532
%RSD	21.51337	45.36917	9.445711	7.782117	4.550739	16.06274
#1	.0019125	-.007508	.0001967	.0123019	-.000308	.0030529
#2	.0025988	-.014600	.0001721	.0110186	-.000328	.0038353
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021217**	**-.002298**	**-.011966**	**.0004059**	F **-.128269**	**18.07769**
Stddev	.0001881	.057464	.006545	.0000538	.027388	.21044
%RSD	8.865812	2500.085	54.69500	13.26576	21.35184	1.164086
#1	.0022547	-.042932	-.007338	.0004439	-.108903	17.92889
#2	.0019887	.038335	-.016594	.0003678	-.147635	18.22650
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					600.0000	
Low Limit					-.100000	

Sample Name: Mn Acquired: 11/26/2021 20:24:54 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000682**	**.0063516**	**-.000138**	**-.000518**	**-.000028**	**.0043350**
Stddev	.000167	.0008208	.000412	.002260	.000289	.0017818
%RSD	24.43550	12.92265	298.3932	436.5258	1031.471	41.10219
#1	-.000564	.0069319	-.000430	-.002116	-.000232	.0055949
#2	-.000799	.0057712	.000153	.001080	.000176	.0030751
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004139**	**.0020074**	**-.000013**	**.0024945**	**-.001087**	**.0000809**
Stddev	.000728	.0012428	.000003	.0002995	.002371	.0006819
%RSD	17.57945	61.91415	27.80149	12.00771	218.0280	842.8038
#1	-.003625	.0011285	-.000015	.0027064	-.002764	.0005631
#2	-.004654	.0028862	-.000010	.0022828	.000589	-.000401
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**-.000325**
Stddev	.001118
%RSD	343.6887
#1	-.001115
#2	.000465
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: Mn Acquired: 11/26/2021 20:24:54 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1687.065	675.5958	4846.114	4348.703
Stddev	15.101	7.0358	6.628	4.634
%RSD	.8950893	1.041425	.1367591	.1065588
#1	1697.743	680.5708	4850.800	4345.427
#2	1676.388	670.6207	4841.428	4351.980

Sample Name: Ce Acquired: 11/26/2021 20:28:10 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0082085**	**.0603496**	**-.006418**	**-.001118**	**-.001447**	**-.000154**	**-.001703**
Stddev	.0011459	.0041944	.003432	.000150	.000048	.000006	.000818
%RSD	13.95955	6.950249	53.48168	13.45231	3.325263	4.002688	48.02628
#1	.0073982	.0633155	-.003991	-.001012	-.001481	-.000158	-.002282
#2	.0090187	.0573836	-.008845	-.001225	-.001413	-.000150	-.001125
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007710**	**.0005466**	**9.747445**	**-.000498**	**.0007504**	**-.000088**	**.0155634**
Stddev	.0009259	.0001467	.057111	.000111	.0008301	.000083	.0243107
%RSD	120.0963	26.84485	.5859075	22.33575	110.6233	93.93305	156.2047
#1	.0014257	.0004428	9.707061	-.000576	.0001634	-.000147	-.001627
#2	.0001163	.0006503	9.787829	-.000419	.0013374	-.000030	.032754
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.016905**	**.0011802**	**-.077034**	**.0013568**	**-.001354**	**.0095857**	**.0002603**
Stddev	.001891	.0000487	.008139	.0000096	.000447	.0008704	.0004091
%RSD	11.18318	4.130599	10.56541	.7076047	32.98183	9.080555	157.1870
#1	-.018242	.0012147	-.071279	.0013500	-.001038	.0089702	-.000029
#2	-.015568	.0011457	-.082789	.0013636	-.001670	.0102012	.000550
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: Ce Acquired: 11/26/2021 20:28:10 Type: Unk
Method: P6112621A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

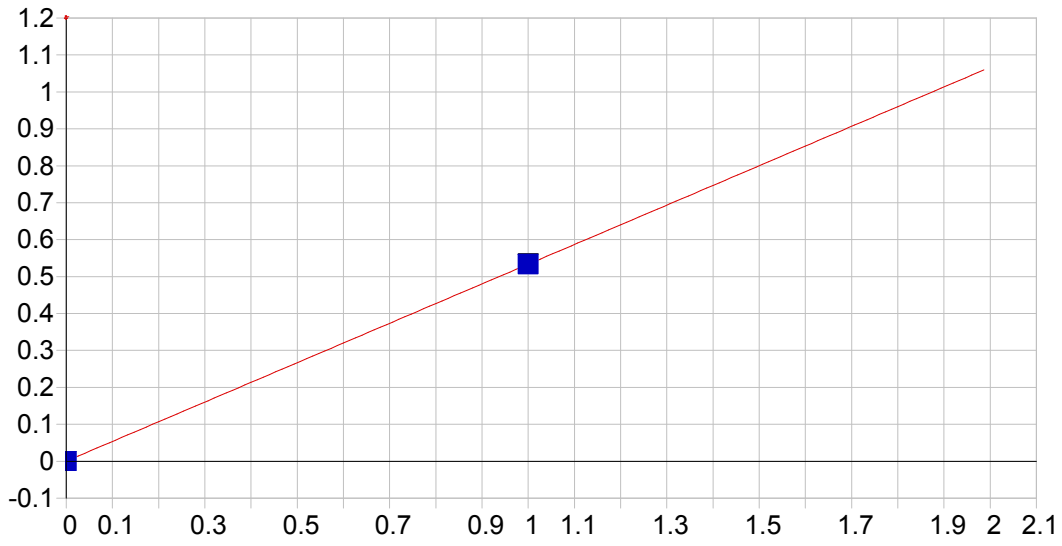
Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001121	-.001767	.0040792	-.005406	.0020104	-.002237	.0004308
Stddev	.003162	.001253	.0000571	.000499	.0016176	.000019	.0001502
%RSD	282.1371	70.92767	1.399385	9.222588	80.46319	.8611520	34.86217
#1	.001115	-.002653	.0040388	-.005053	.0031542	-.002223	.0003246
#2	-.003357	-.000881	.0041195	-.005758	.0008666	-.002251	.0005370
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0009028	-.000674	.0011383
Stddev	.0003878	.000165	.0007432
%RSD	42.95587	24.44895	65.29430
#1	.0006286	-.000557	.0006127
#2	.0011770	-.000790	.0016638
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1733.483	696.4581	4871.823	3649.752
Stddev	12.951	8.9662	15.437	10.679
%RSD	.7471168	1.287397	.3168679	.2925931
#1	1724.325	690.1180	4882.739	3657.303
#2	1742.641	702.7981	4860.907	3642.201

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	CorrFact	Check	Check Table	Fail Action
1	---	---	---	---	Cal	---	---	---	---	---	None
2	112	2	4	5	QC	S1	P6112921B	1	☒	S1	None
3	113	2	5	5	QC	S2		1	☒	S2	None
4	114	2	6	5	QC	ICV		1	☒	ICV	None
5	115	2	7	5	QC	ICB		1	☒	ICB	None
6	116	2	8	5	QC	ICVL		1	☒	CCVLL	None
7	117	2	9	5	QC	CRI		1	☒	CRI	None
8	118	2	10	5	QC	ICSA		1	☒	ICSA	None
9	119	2	11	5	QC	ICSAB		1	☒	ICSAB	None
10	120	2	12	5	QC	CCV		1	☒	CCV	None
11	121	3	1	1	QC	CCB		1	☒	CCB	None
12	122	3	2	1	QC	MRL		1	☒	CCVLL	None
13	220	4	4	4	QC	MRL		1	☒	CCVLL	None
14	221	4	5	4	QC	LRC		1	☒	LRC	None
15	123	3	3	1	Unk	lb 500-628956/1-b		1	☒	RLTABLE	---
16	124	3	4	1	Unk	lcs 500-630792/2-a		1	☒	RLTABLE	---
17	125	3	5	1	Unk	500-208170-e-1-f		1	☒	RLTABLE	---
18	126	3	6	1	Unk	500-208170-e-1-fSD@5		1	☒	RLTABLE	---
19	127	3	7	1	Unk	500-208170-e-1-g du		1	☒	RLTABLE	---
20	128	3	8	1	Unk	500-208170-e-1-h ms		1	☒	RLTABLE	---
21	129	3	9	1	Unk	500-208170-e-2-h		1	☒	RLTABLE	---
22	130	3	10	1	Unk	500-208170-e-3-f		1	☒	RLTABLE	---
23	131	3	11	1	Unk	500-208170-e-4-f		1	☒	RLTABLE	---
24	132	3	12	1	Unk	500-208170-e-5-h		1	☒	RLTABLE	---
25	133	3	1	2	QC	CCV		1	☒	CCV	None
26	134	3	2	2	QC	CCB		1	☒	CCB	None
27	135	3	3	2	Unk	500-208170-e-6-f		1	☒	RLTABLE	---
28	136	3	4	2	Unk	500-208171-e-1-f		1	☒	RLTABLE	---
29	137	3	5	2	Unk	500-208171-e-2-f		1	☒	RLTABLE	---
30	138	3	6	2	Unk	500-208171-e-3-f		1	☒	RLTABLE	---
31	139	3	7	2	Unk	500-208171-e-4-f		1	☒	RLTABLE	---
32	140	3	8	2	Unk	500-208171-e-5-f		1	☒	RLTABLE	---
33	141	3	9	2	Unk	500-208174-e-1-f		1	☒	RLTABLE	---
34	142	3	10	2	Unk	500-208174-e-2-f		1	☒	RLTABLE	---
35	143	3	11	2	Unk	500-208174-e-3-f		1	☒	RLTABLE	---
36	144	3	12	2	Unk	500-208174-e-4-f		1	☒	RLTABLE	---
37	145	3	1	3	QC	CCV		1	☒	CCV	None
38	146	3	2	3	QC	CCB		1	☒	CCB	None
39	147	3	3	3	Unk	500-208176-e-1-f		1	☒	RLTABLE	---
40	148	3	4	3	Unk	500-208176-e-2-f		1	☒	RLTABLE	---
41	149	3	5	3	Unk	500-208176-e-3-h		1	☒	RLTABLE	---
42	150	3	6	3	Unk	500-208176-e-4-f		1	☒	RLTABLE	---
43	151	3	7	3	Unk	500-208176-e-5-f		1	☒	RLTABLE	---
44	152	3	8	3	Unk	mb 500-631230/1-a		1	☒	RLTABLE	---
45	153	3	9	3	Unk	lcs 500-631230/2-a		1	☒	RLTABLE	---
46	154	3	10	3	Unk	500-208569-f-1-f		1	☒	RLTABLE	---
47	155	3	11	3	Unk	500-208569-f-1-fSD@5		1	☒	RLTABLE	---
48	156	3	12	3	Unk	500-208569-f-1-g du		1	☒	RLTABLE	---
49	157	3	1	4	QC	CCV		1	☒	CCV	None
50	158	3	2	4	QC	CCB		1	☒	CCB	None
51	159	3	3	4	Unk	500-208569-f-1-h ms		1	☒	RLTABLE	---
52	160	3	4	4	Unk	500-208569-f-1-i msd		1	☒	RLTABLE	---
53	161	3	5	4	Unk	500-208569-f-2-f		1	☒	RLTABLE	---
54	162	3	6	4	Unk	500-208569-f-3-f		1	☒	RLTABLE	---
55	163	3	7	4	Unk	500-208569-f-4-f		1	☒	RLTABLE	---
56	164	3	8	4	Unk	500-208569-f-5-f		1	☒	RLTABLE	---
57	165	3	9	4	Unk	500-208578-f-1-c		1	☒	RLTABLE	---
58	166	3	10	4	Unk	500-208578-f-2-e		1	☒	RLTABLE	---
59	167	3	11	4	Unk	500-208578-f-3-c		1	☒	RLTABLE	---
60	168	3	12	4	Unk	500-208578-f-5-c		1	☒	RLTABLE	---
61	169	3	1	5	QC	CCV		1	☒	CCV	None
62	170	3	2	5	QC	CCB		1	☒	CCB	None
63	171	3	3	5	Unk	500-208578-f-6-c		1	☒	RLTABLE	---

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	CorrFact	Check	Check Table	Fail Action
64	172	3	4	5	Unk	500-208578-f-7-e		1	☒	RLTABLE	---
65	173	3	5	5	Unk	500-208578-f-8-c		1	☒	RLTABLE	---
66	174	3	6	5	Unk	500-208578-f-9-c		1	☒	RLTABLE	---
67	175	3	7	5	Unk	500-208578-f-10-c		1	☒	RLTABLE	---
68	176	3	8	5	Unk	500-208578-f-11-c		1	☒	RLTABLE	---
69	177	3	9	5	Unk	500-208578-f-12-c		1	☒	RLTABLE	---
70	178	3	10	5	Unk	500-208578-f-13-c		1	☒	RLTABLE	---
71	179	3	11	5	Unk	500-208578-f-14-c		1	☒	RLTABLE	---
72	180	3	12	5	Unk	500-208578-f-15-c		1	☒	RLTABLE	---
73	181	4	1	1	QC	CCV		1	☒	CCV	None
74	182	4	2	1	QC	CCB		1	☒	CCB	None
75	183	4	3	1	Unk	mb 500-631245/1-a		1	☒	RLTABLE	---
76	184	4	4	1	Unk	lcs 500-631245/2-a		1	☒	RLTABLE	---
77	185	4	5	1	Unk	500-208568-a-6-a		1	☒	RLTABLE	---
78	186	4	6	1	Unk	500-208568-a-6-aSD@5		1	☒	RLTABLE	---
79	187	4	7	1	Unk	500-208568-a-6-b du		1	☒	RLTABLE	---
80	188	4	8	1	Unk	500-208568-a-6-c ms		1	☒	RLTABLE	---
81	189	4	9	1	Unk	500-208568-a-6-d msd		1	☒	RLTABLE	---
82	190	4	10	1	Unk	500-208568-a-7-a		1	☒	RLTABLE	---
83	191	4	11	1	Unk	500-208568-a-9-a		1	☒	RLTABLE	---
84	192	4	12	1	Unk	500-208568-a-10-a		1	☒	RLTABLE	---
85	193	4	1	2	QC	CCV		1	☒	CCV	None
86	194	4	2	2	QC	CCB		1	☒	CCB	None
87	222	4	6	4	QC	CCVL		1	☒	CCVLL	None
88	195	4	3	2	Unk	500-208568-a-11-a		1	☒	RLTABLE	---
89	196	4	4	2	Unk	500-208568-a-12-a		1	☒	RLTABLE	---
90	197	4	5	2	Unk	500-208568-a-13-a		1	☒	RLTABLE	---
91	198	4	6	2	Unk	500-208568-a-14-a		1	☒	RLTABLE	---
92	199	4	7	2	Unk	500-208396-a-1-e		1	☒	RLTABLE	---
93	200	4	8	2	Unk	500-208703-f-1-e		1	☒	RLTABLE	---
94	201	4	9	2	Unk	500-208703-f-2-e		1	☒	RLTABLE	---
95	202	4	10	2	Unk	500-208703-f-3-e		1	☒	RLTABLE	---
96	203	4	11	2	Unk	500-208703-f-4-g		1	☒	RLTABLE	---
97	204	4	12	2	Unk	500-208703-f-5-e		1	☒	RLTABLE	---
98	205	4	1	3	QC	CCV		1	☒	CCV	None
99	206	4	2	3	QC	CCB		1	☒	CCB	None
100	223	4	7	4	QC	CCVL		1	☒	CCVLL	None
101	207	4	3	3	Unk	500-208703-f-6-e		1	☒	RLTABLE	---
102	208	4	4	3	Unk	500-208713-d-1-j		1	☒	RLTABLE	---
103	209	4	5	3	Unk	500-208713-d-14-d		1	☒	RLTABLE	---
104	210	4	6	3	Unk	500-208713-d-15-d		1	☒	RLTABLE	---
105	211	4	7	3	Unk	500-208699-b-1-c		1	☒	RLTABLE	---
106	217	4	1	4	QC	CCV		1	☒	CCV	None
107	218	4	2	4	QC	CCB		1	☒	CCB	None
108	219	4	3	4	QC	CCVL		1	☒	CCVLL	None
109	224	4	8	4	Unk	Si		1	☒	RLTABLE	---
110	225	4	9	4	Unk	Al		1	☒	RLTABLE	---
111	226	4	10	4	Unk	Fe		1	☒	RLTABLE	---
112	227	4	11	4	Unk	As		1	☒	RLTABLE	---
113	228	4	12	4	Unk	Va		1	☒	RLTABLE	---
114	229	4	1	5	Unk	Co		1	☒	RLTABLE	---
115	230	4	2	5	Unk	Ti		1	☒	RLTABLE	---
116	231	4	3	5	Unk	Mn		1	☒	RLTABLE	---
117	232	4	4	5	Unk	Ce		1	☒	RLTABLE	---

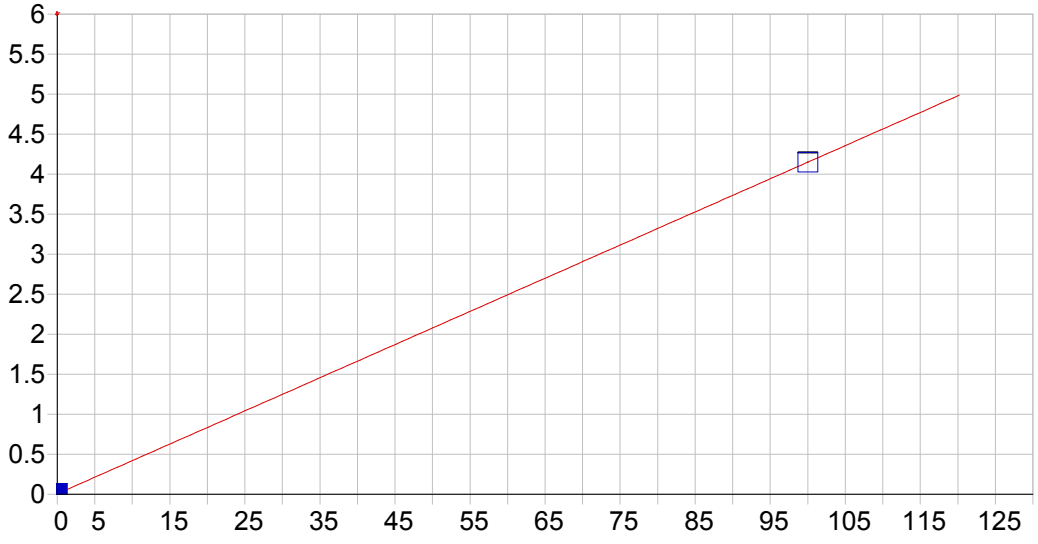


Ag 328.068 {103}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000285	Re-Slope:	1.000000
A1 (Gain):	0.533220	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000923		
Predicted MQL:	0.003078		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00029	.000	1
S1	1.0000	1.0000	.000	.000	.53371	.000	1



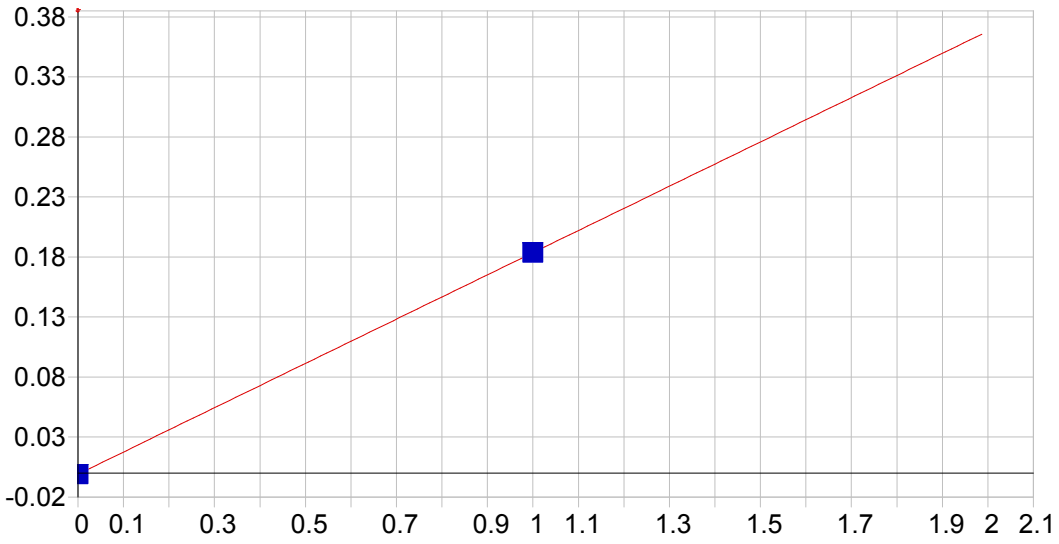
Al 308.215 {109}

Date of Fit:	11/29/2021 17:58:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.006052	Re-Slope:	1.000000
A1 (Gain):	0.041437	Y-int:	0.000000
A2 (Curvature):	0.000000		

n (Exponent):	1.000000			
Correlation:	1.000000	Status:	OK.	
Std Error of Est:	0.000000			
Predicted MDL:	0.027654			
Predicted MQL:	0.092179			

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00605	.000	1
S2	100.00	100.000	.000	.000	4.1497	.004	1

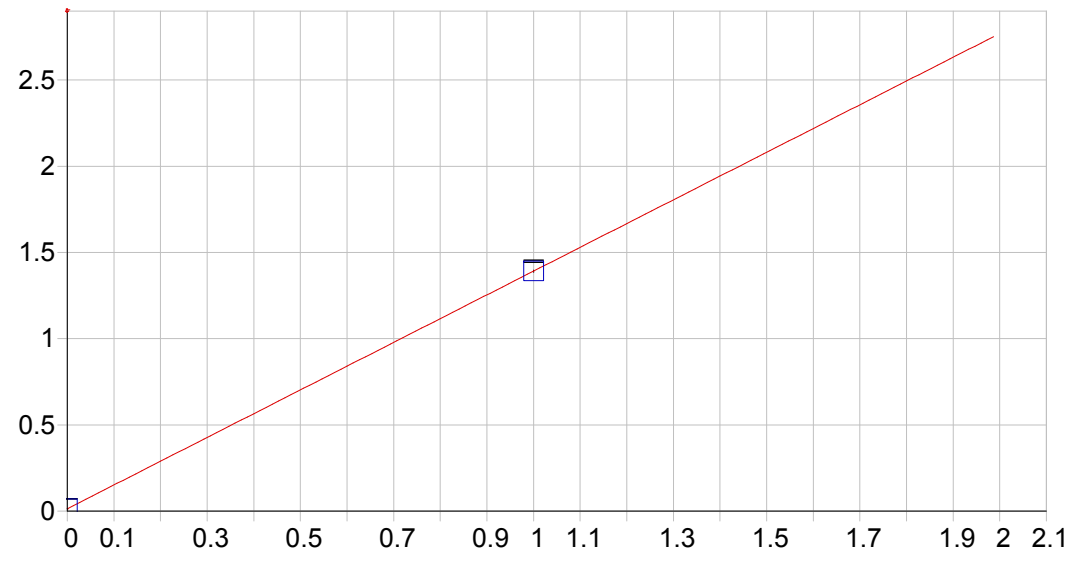


As 189.042 {478}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000892	Re-Slope:	1.000000
A1 (Gain):	0.184497	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.002946		
Predicted MQL:	0.009820		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00089	.000	1
S1	1.0000	1.0000	.000	.000	.18357	.000	1

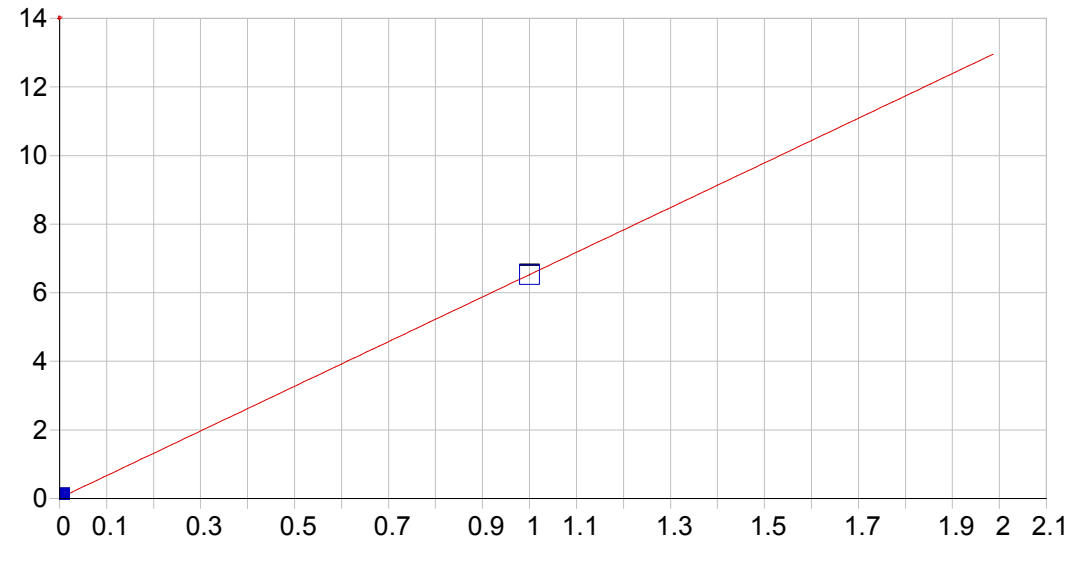


B 208.959 {461}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.013709	Re-Slope:	1.000000
A1 (Gain):	1.378241	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000374		
Predicted MQL:	0.001246		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.01371	.000	1
S1	1.0000	1.0000	.000	.000	1.3920	.007	1



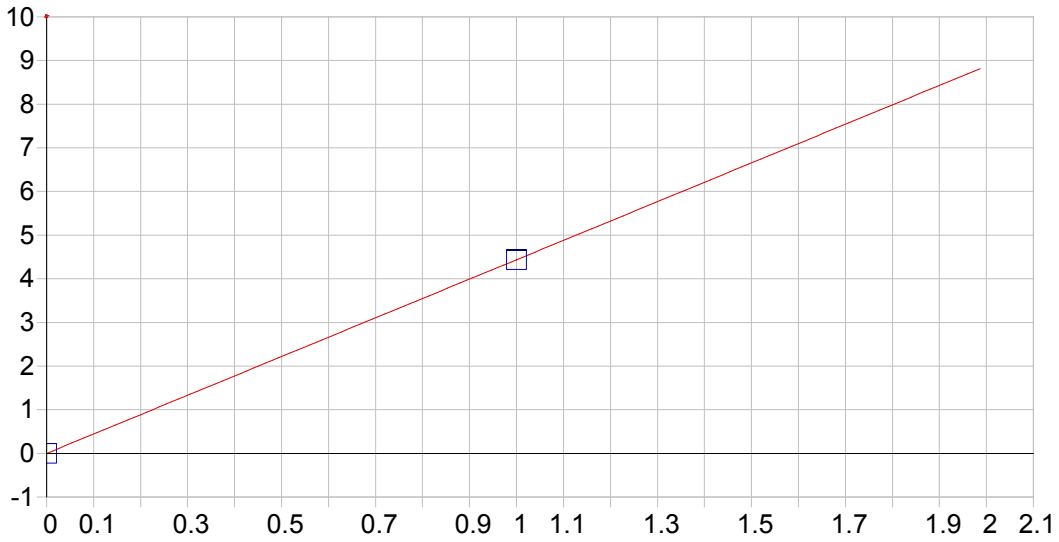
Ba 455.403 { 74}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.015150	Re-Slope:	1.000000
A1 (Gain):	6.513350	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:		1.000000		Status:	OK.		
Std Error of Est:		0.000000					
Predicted MDL:		0.000395					
Predicted MQL:		0.001318					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.01515	.001	1
S1	1.0000	1.0000	.000	.000	6.5285	.015	1

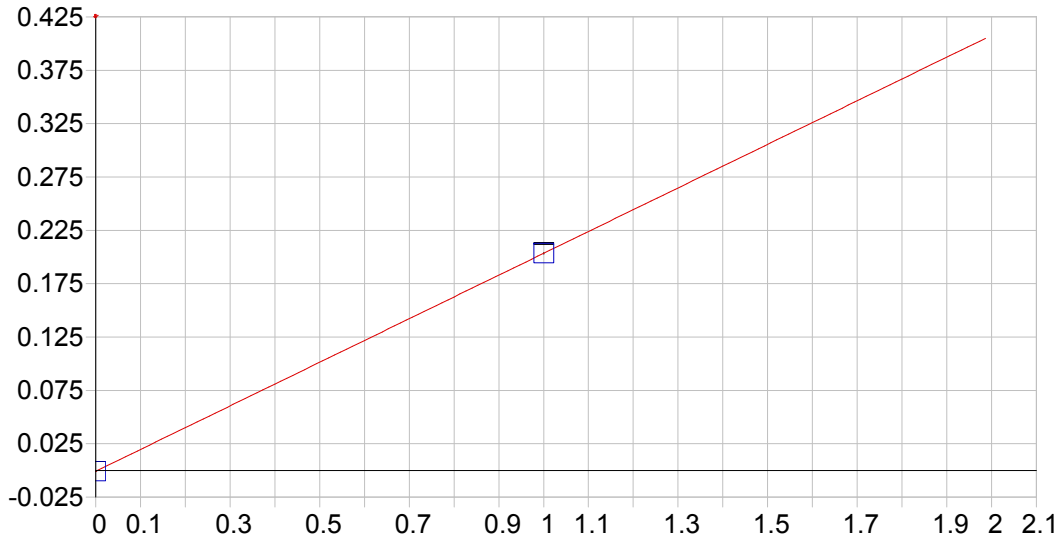


Be 234.861 {143}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000248	Re-Slope:	1.000000
A1 (Gain):	4.436396	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000194		
Predicted MQL:	0.000648		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00025	.001	1
S1	1.0000	1.0000	.000	.000	4.4361	.006	1

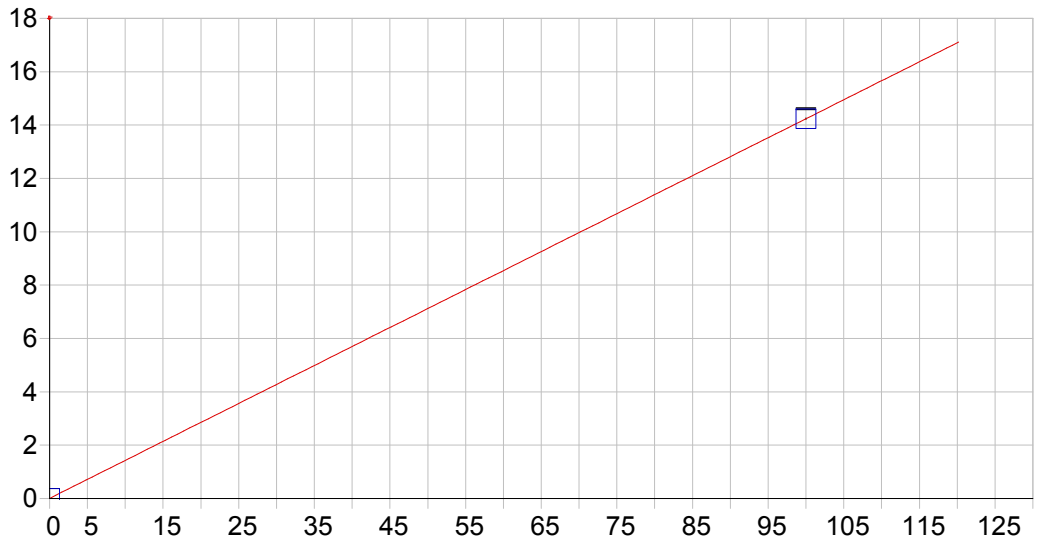


Bi 223.061 {451}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000776	Re-Slope:	1.000000
A1 (Gain):	0.204257	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001770		
Predicted MQL:	0.005899		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00078	.000	1
S1	1.0000	1.0000	.000	.000	.20348	.001	1



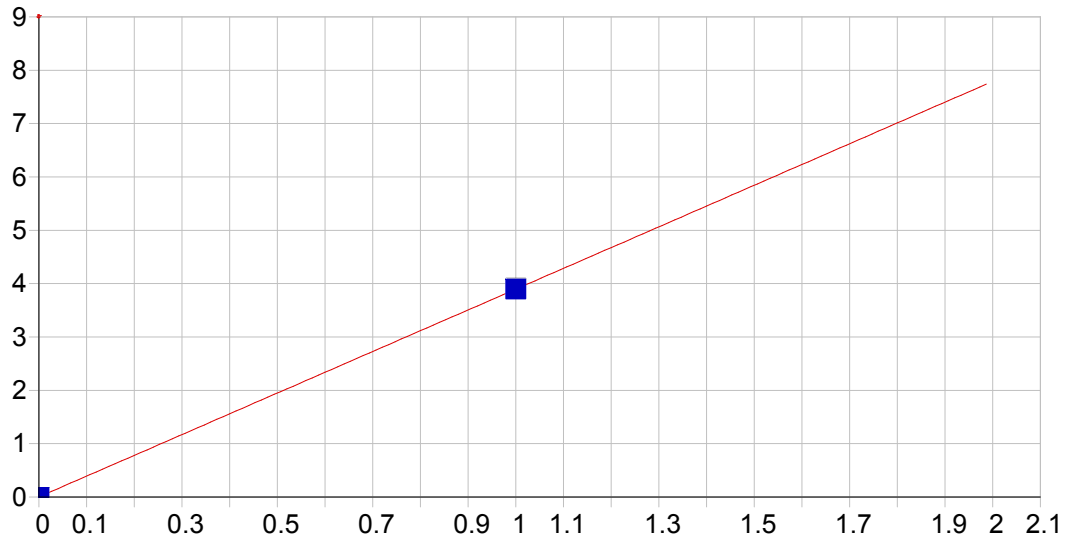
Ca 317.933 {106}

Date of Fit:	11/29/2021 17:58:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.005863	Re-Slope:	1.000000
A1 (Gain):	0.142312	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:		1.000000		Status:	OK.		
Std Error of Est:		0.000000					
Predicted MDL:		0.007348					
Predicted MQL:		0.024492					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00586	.000	1
S2	100.00	100.00	.000	.000	14.237	.035	1

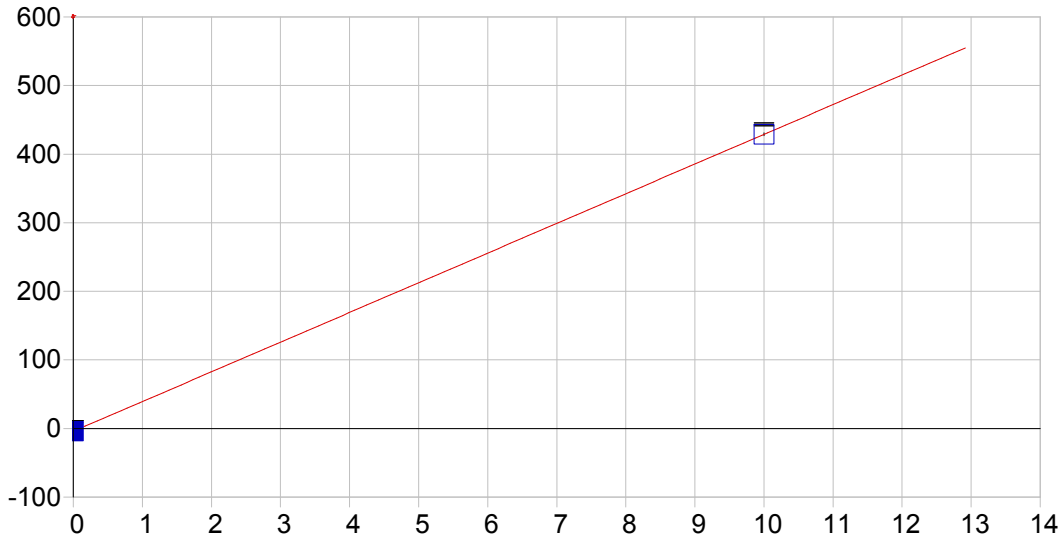


Cd 228.802 {447}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002027	Re-Slope:	1.000000
A1 (Gain):	3.894268	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000211		
Predicted MQL:	0.000704		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00203	.000	1
S1	1.0000	1.0000	.000	.000	3.9048	.007	1

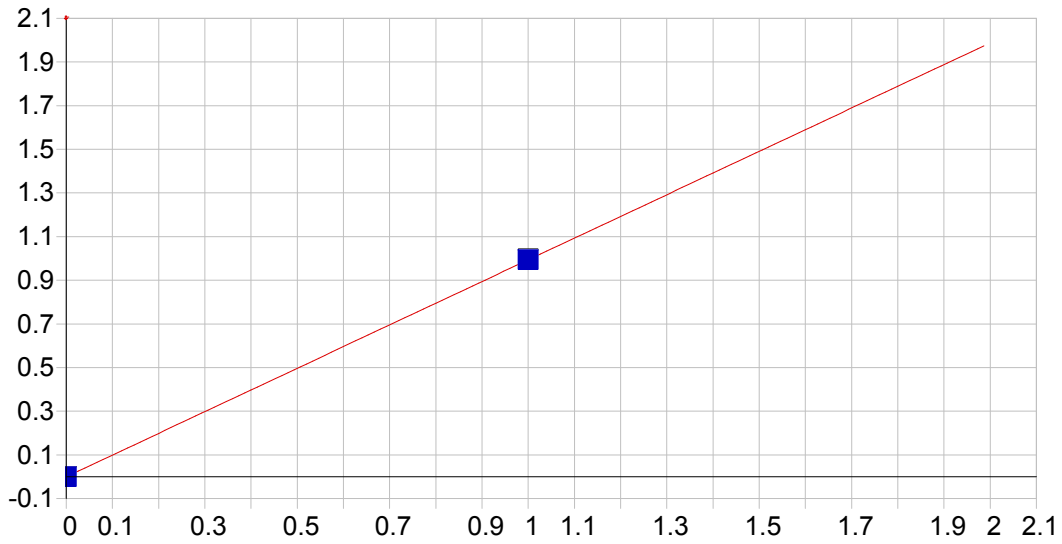


Ce 404.076 { 83}

Date of Fit:	11/29/2021 18:01:36	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-3.980405	Re-Slope:	1.000000
A1 (Gain):	43.284173	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.084298		
Predicted MQL:	0.280992		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-3.9804	1.26	1
CE	10.000	10.000	.000	.000	428.86	2.16	1



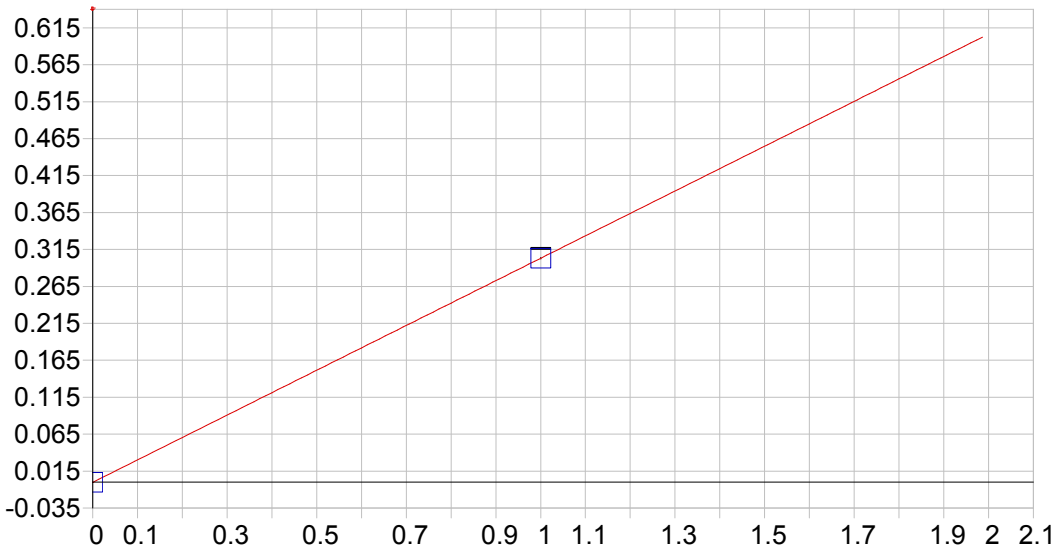
Co 228.616 {447}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000327	Re-Slope:	1.000000
A1 (Gain):	0.993954	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000387		
Predicted MQL:	0.001289		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00033	.000	1
S1	1.0000	1.00000	.000	.000	.99584	.002	1

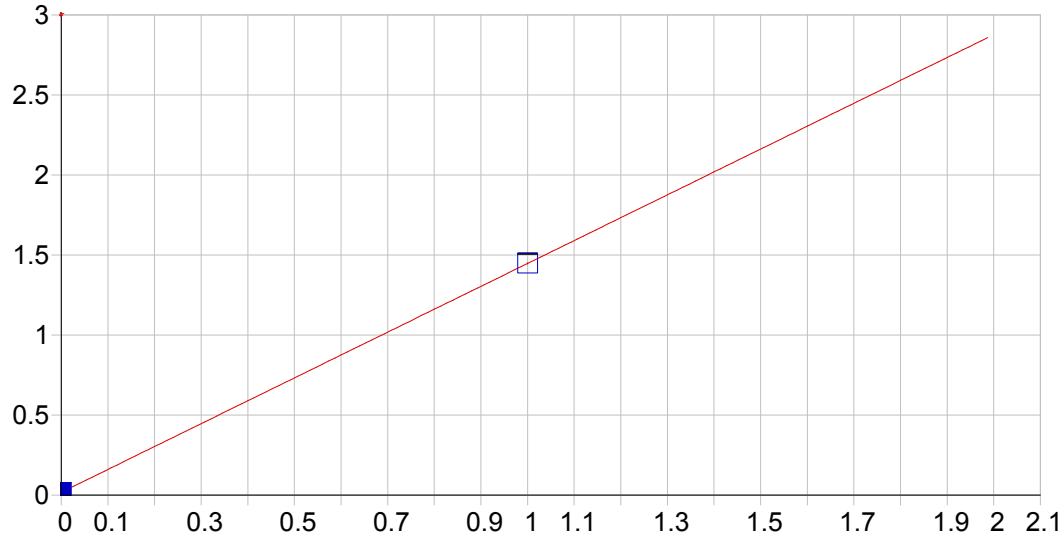


Cr 267.716 {126}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000190	Re-Slope:	1.000000
A1 (Gain):	0.303313	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001264		
Predicted MQL:	0.004212		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00019	.000	1
S1	1.0000	1.0000	.000	.000	.30312	.001	1

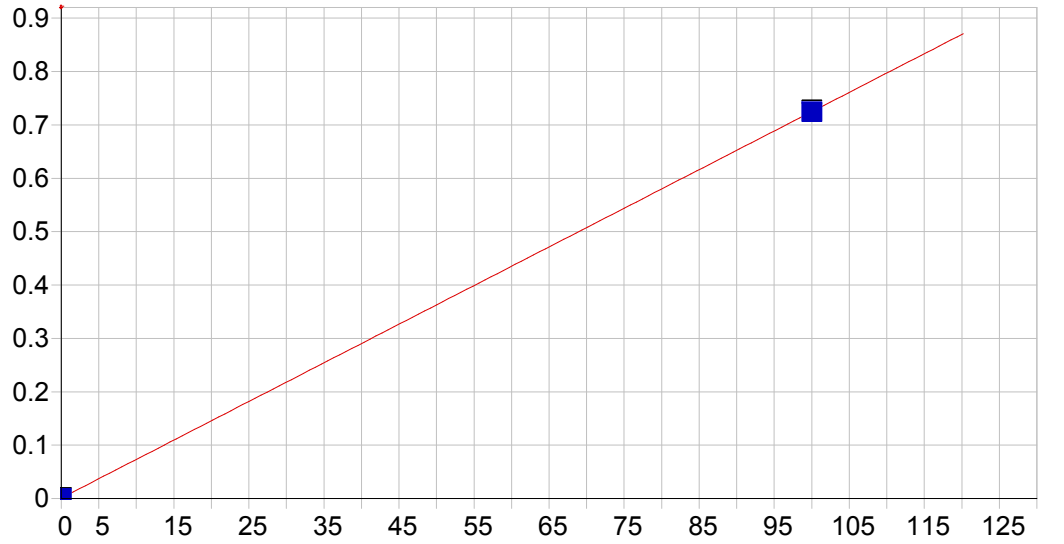


Cu 324.754 {104}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.017346	Re-Slope:	1.000000
A1 (Gain):	1.430092	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000343		
Predicted MQL:	0.001142		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.01735	.000	1
S1	1.0000	1.0000	.000	.000	1.4474	.004	1



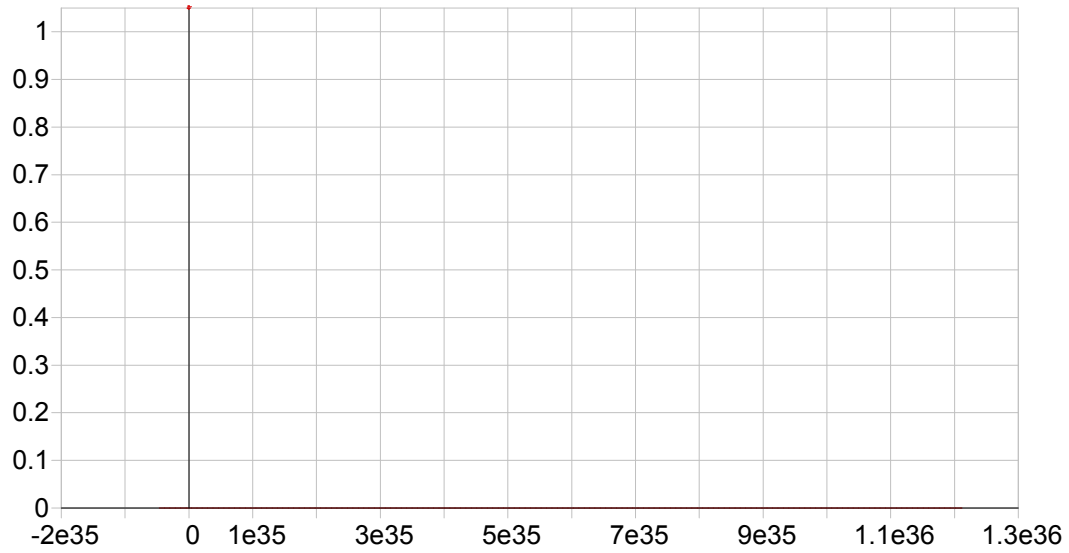
Fe 271.441 {124}

Date of Fit:	11/29/2021 17:58:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000838	Re-Slope:	1.000000
A1 (Gain):	0.007239	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000		Status:	OK.
Std Error of Est:	0.000000			
Predicted MDL:	0.120061			
Predicted MQL:	0.400204			

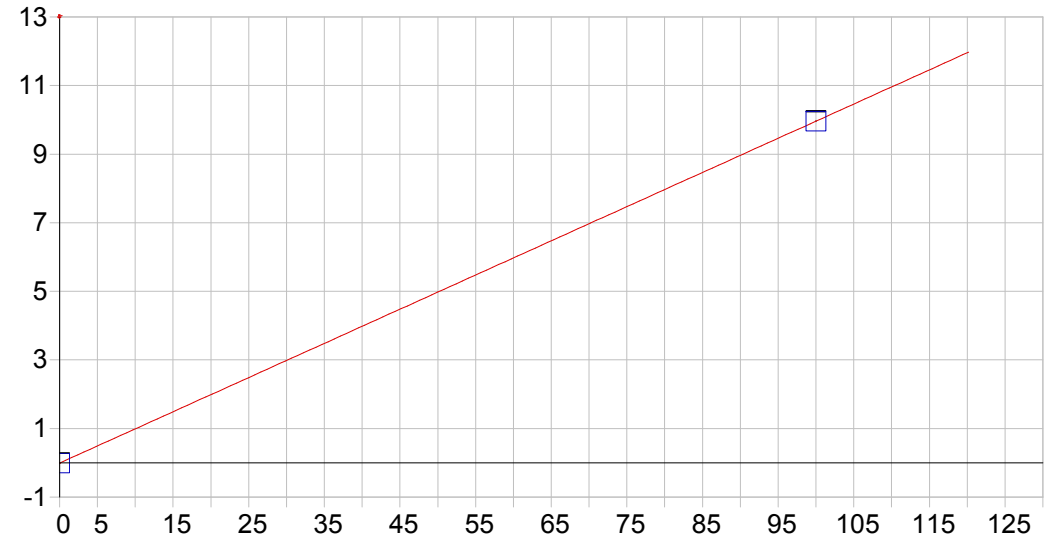
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00084	.000	1
S2	100.00	100.00	.000	.000	.72482	.003	1



In 230.606 {446}*

Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):		0.000000		Re-Slope:	1.000000	
A1 (Gain):		0.000000		Y-int:	0.000000	
A2 (Curvature):		0.000000				
n (Exponent):		1.000000				
Correlation:		0.000000		Status:	Warning	Zero Gain
Std Error of Est:		0.000000				
Predicted MDL:		n/a				
Predicted MQL:		n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

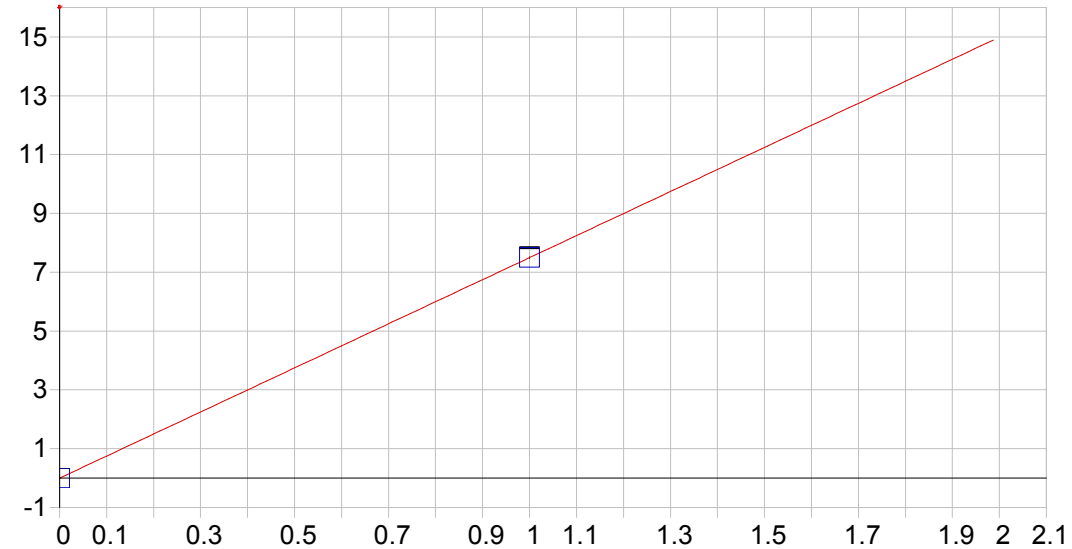


K 766.490 { 44}

Date of Fit:	11/29/2021 17:58:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.007243	Re-Slope:	1.000000
A1 (Gain):	0.099687	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.037055		
Predicted MQL:	0.123516		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00724	.002	1
S2	100.00	100.000	.000	.000	9.9615	.017	1



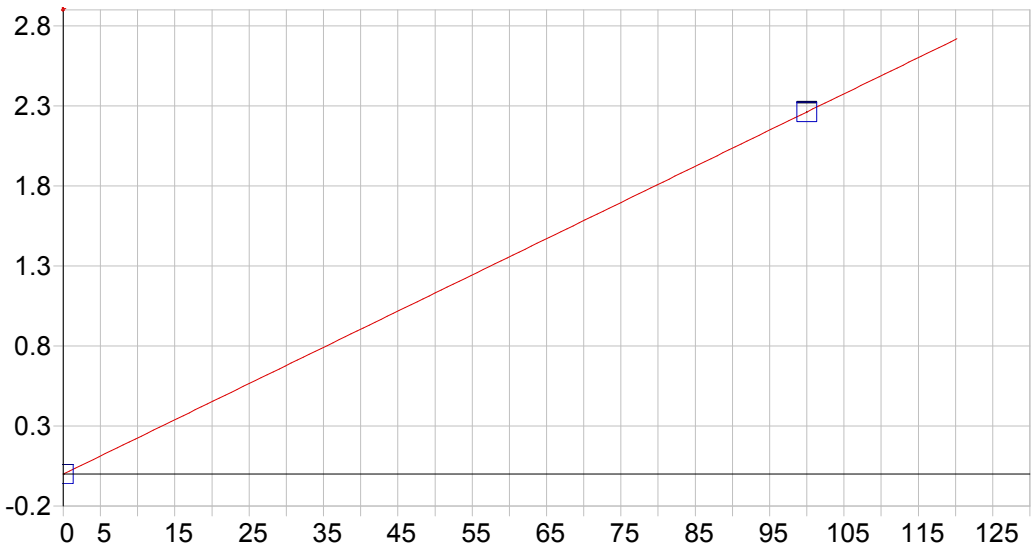
Li 670.784 { 50}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000803	Re-Slope:	1.000000
A1 (Gain):	7.495755	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000500		
Predicted MQL:	0.001665		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00080	.002	1
S1	1.0000	1.0000	.000	.000	7.4950	.031	1

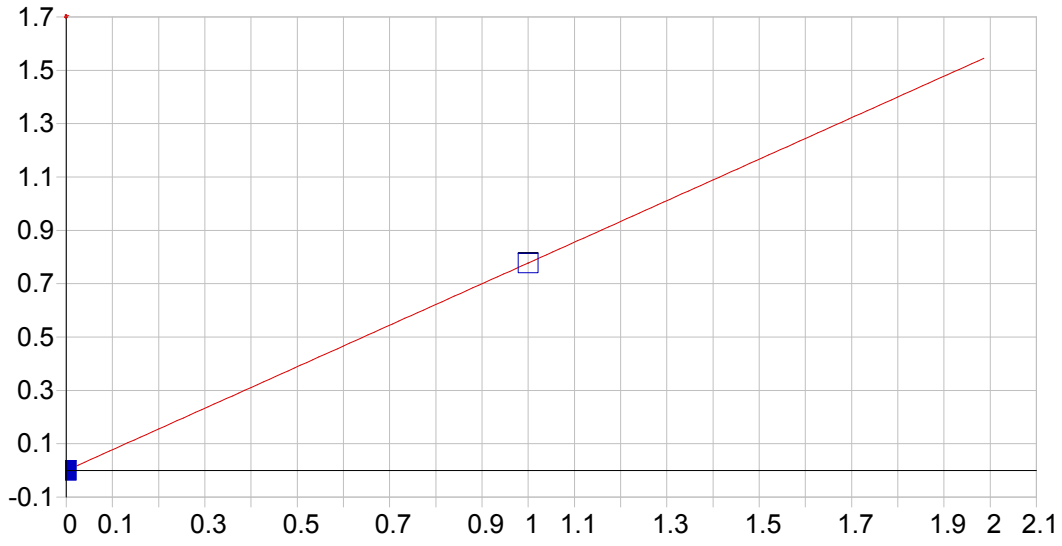


Mg 279.079 {121}

Date of Fit:	11/29/2021 17:58:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000556	Re-Slope:	1.000000
A1 (Gain):	0.022627	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.029576		
Predicted MQL:	0.098586		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00056	.000	1
S2	100.00	100.00	.000	.000	2.2622	.005	1

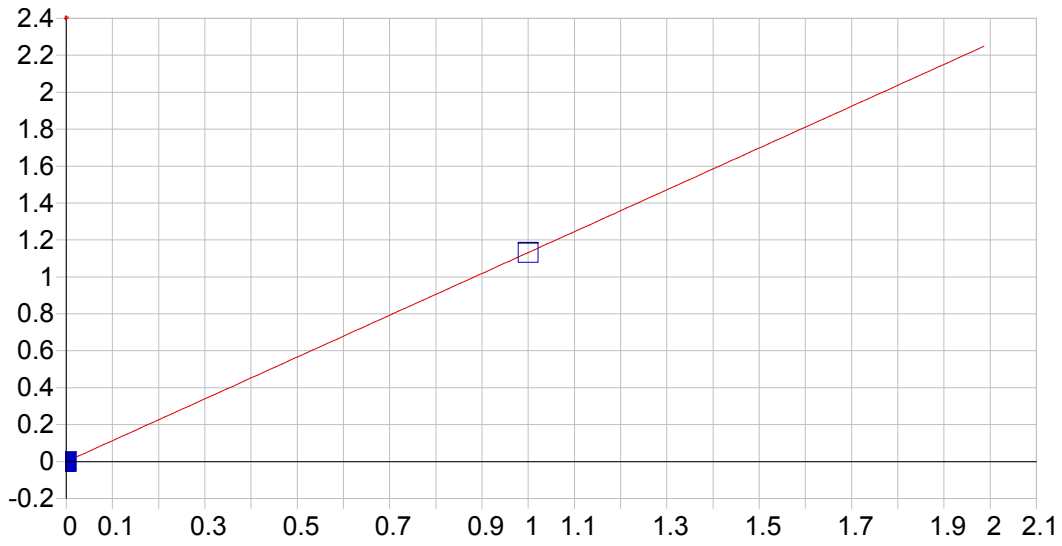


Mn 257.610 {131}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000280	Re-Slope:	1.000000
A1 (Gain):	0.777965	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000974		
Predicted MQL:	0.003247		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00028	.000	1
S1	1.0000	1.0000	.000	.000	.77768	.001	1



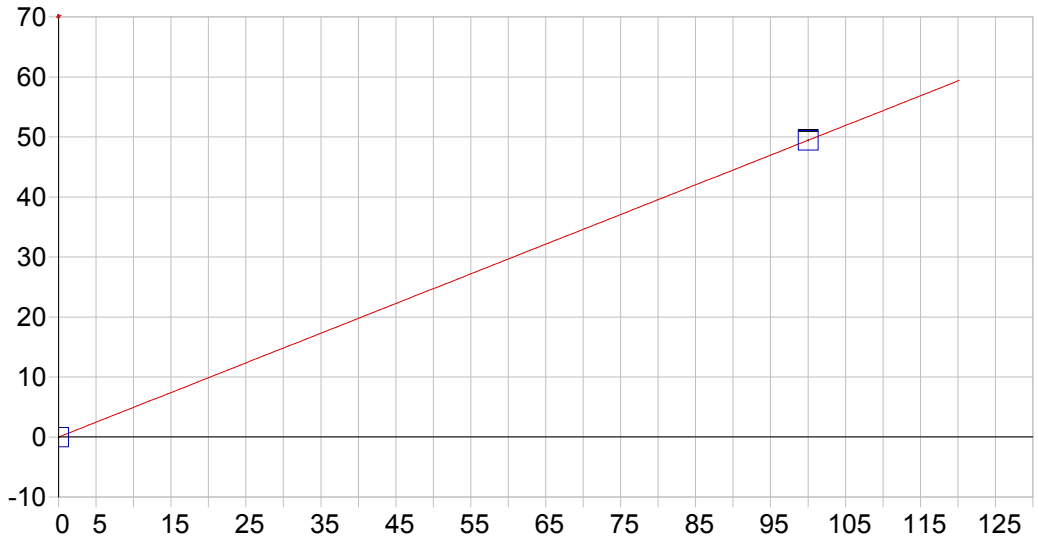
Mo 202.030 {467}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000093	Re-Slope:	1.000000
A1 (Gain):	1.131955	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:		1.000000		Status:	OK.		
Std Error of Est:		0.000000					
Predicted MDL:		0.000508					
Predicted MQL:		0.001693					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00009	.001	1
S1	1.0000	1.0000	.000	.000	1.1319	.000	1

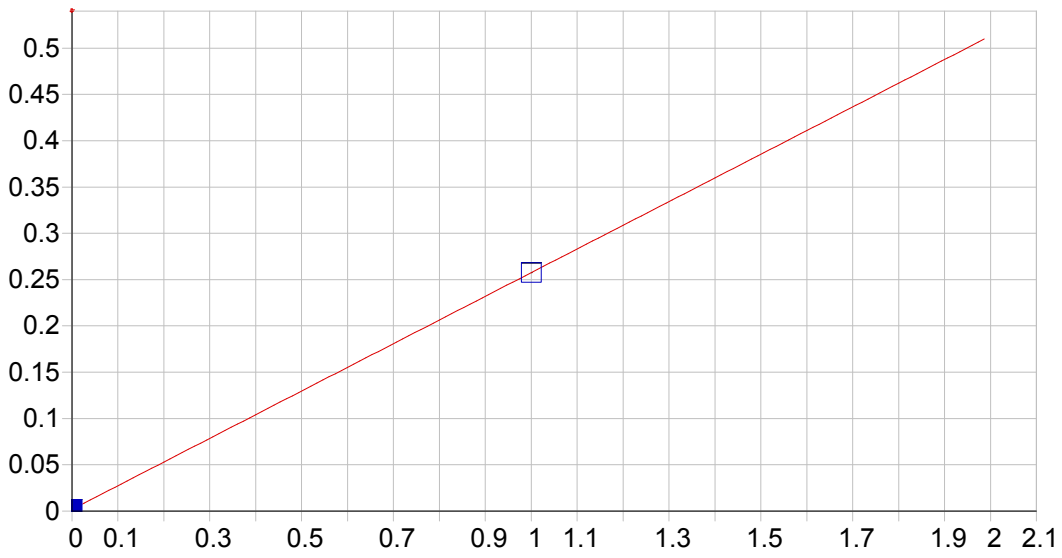


Na 589.592 { 57}

Date of Fit:	11/29/2021 17:58:17	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.008319	Re-Slope:	1.000000
A1 (Gain):	0.494430	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.007182		
Predicted MQL:	0.023939		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00832	.001	1
S2	100.00	100.000	.000	.000	49.435	.138	1

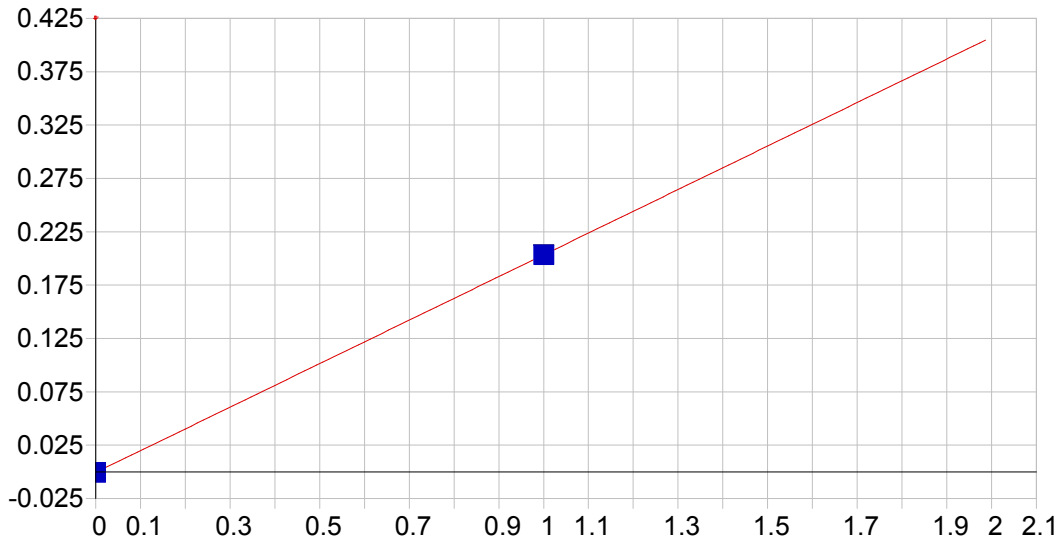


Ni 231.604 {446}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001854	Re-Slope:	1.000000
A1 (Gain):	0.255688	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001144		
Predicted MQL:	0.003812		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00185	.000	1
S1	1.0000	1.0000	.000	.000	.25754	.000	1



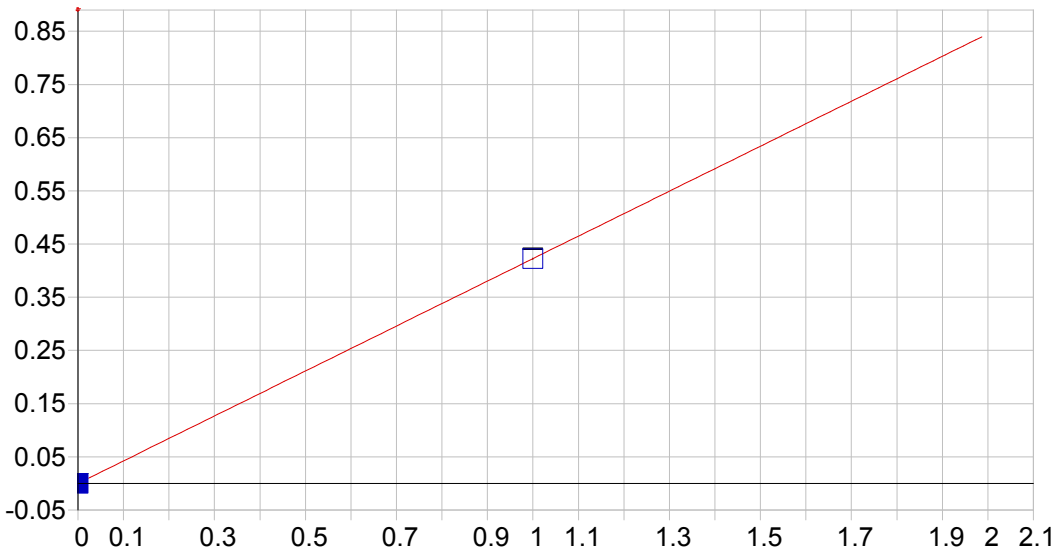
Pb 220.353 {453}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000566	Re-Slope:	1.000000
A1 (Gain):	0.203930	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001946		
Predicted MQL:	0.006487		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00057	.000	1
S1	1.0000	1.0000	.000	.000	.20332	.000	1

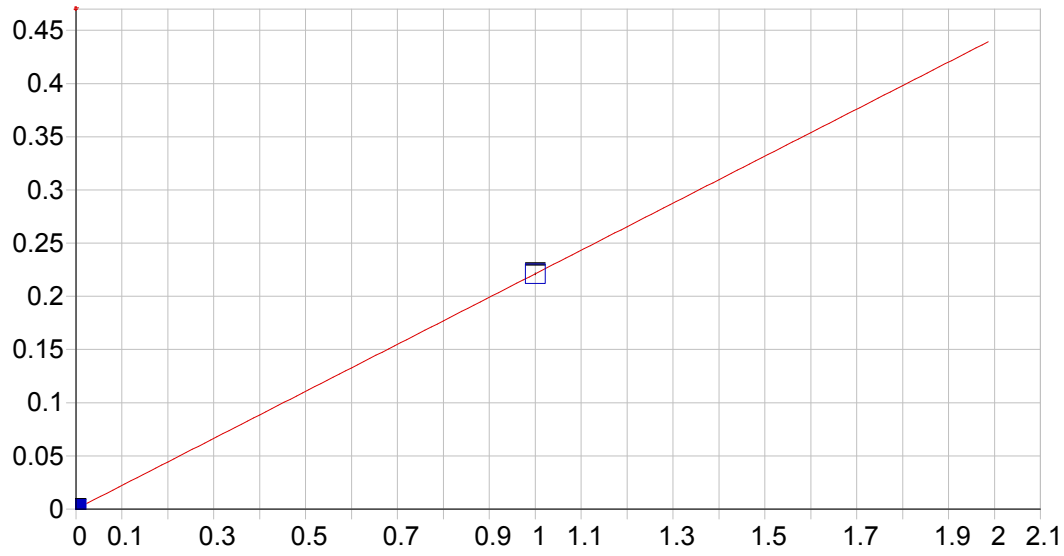


Sb 206.833 {463}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000037	Re-Slope:	1.000000
A1 (Gain):	0.422640	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001801		
Predicted MQL:	0.006005		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00004	.000	1
S1	1.0000	1.0000	.000	.000	.42268	.001	1

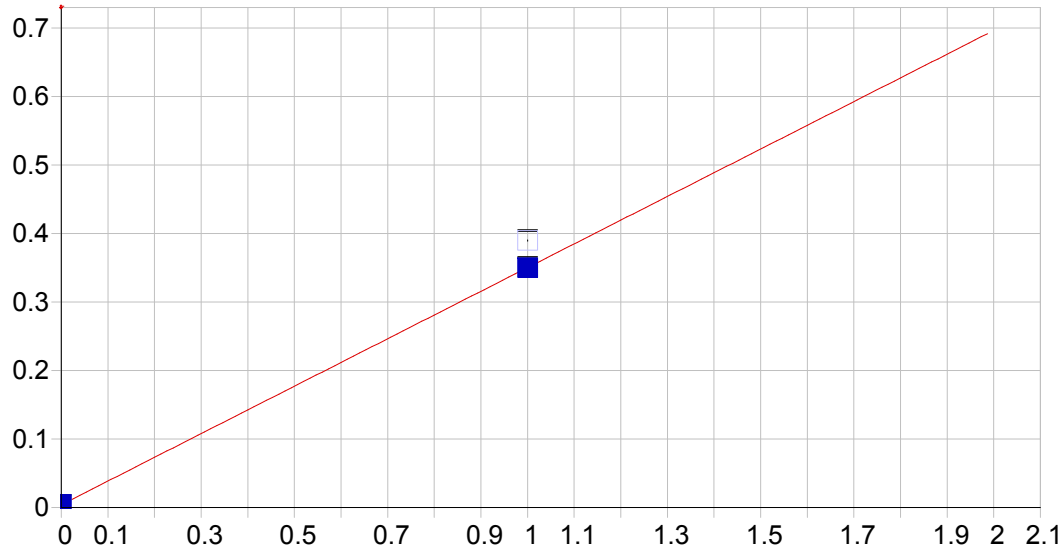


Se 196.090 {472}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000137	Re-Slope:	1.000000
A1 (Gain):	0.221090	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.002678		
Predicted MQL:	0.008926		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00014	.000	1
S1	1.0000	1.0000	.000	.000	.22123	.001	1



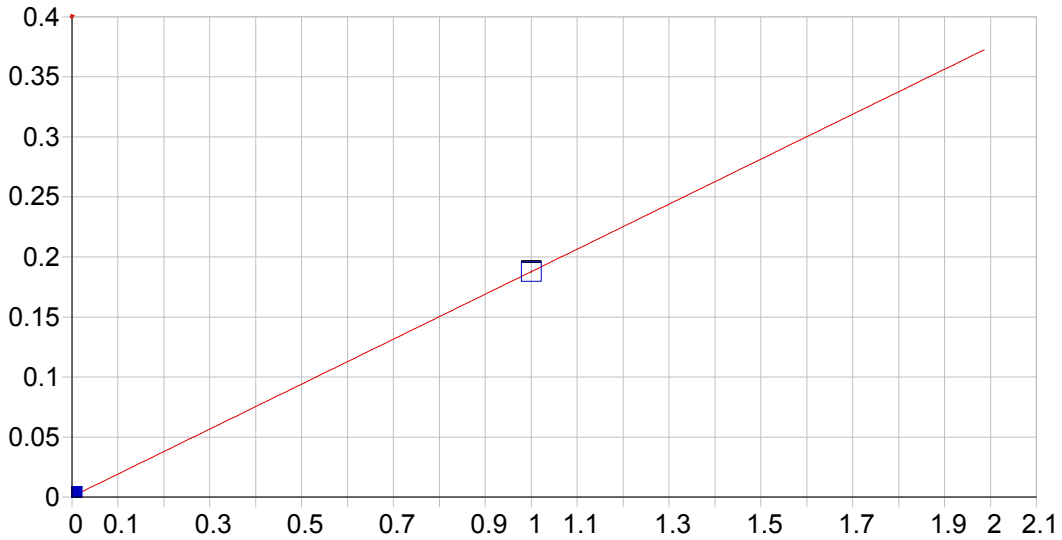
Si 212.412 {459}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004014	Re-Slope:	1.000000
A1 (Gain):	0.346246	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:		1.000000		Status:	OK.		
Std Error of Est:		0.000000					
Predicted MDL:		0.001320					
Predicted MQL:		0.004400					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00401	.000	1
S1	1.0000	1.0000	.000	.000	.38966	.001	1

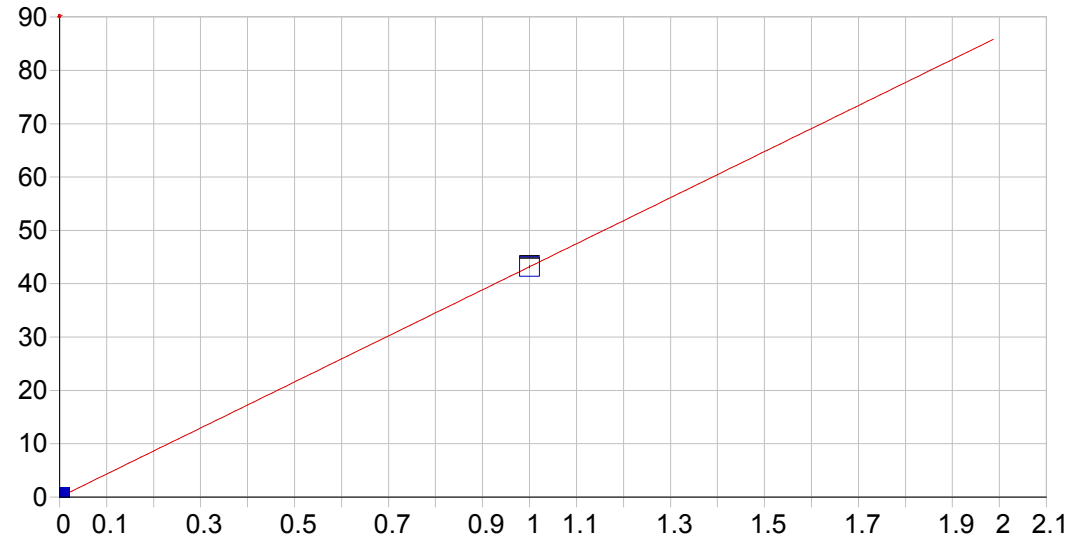


Sn 189.989 {477}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000408	Re-Slope:	1.000000
A1 (Gain):	0.187348	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001768		
Predicted MQL:	0.005894		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00041	.000	1
S1	1.0000	1.0000	.000	.000	.18776	.001	1

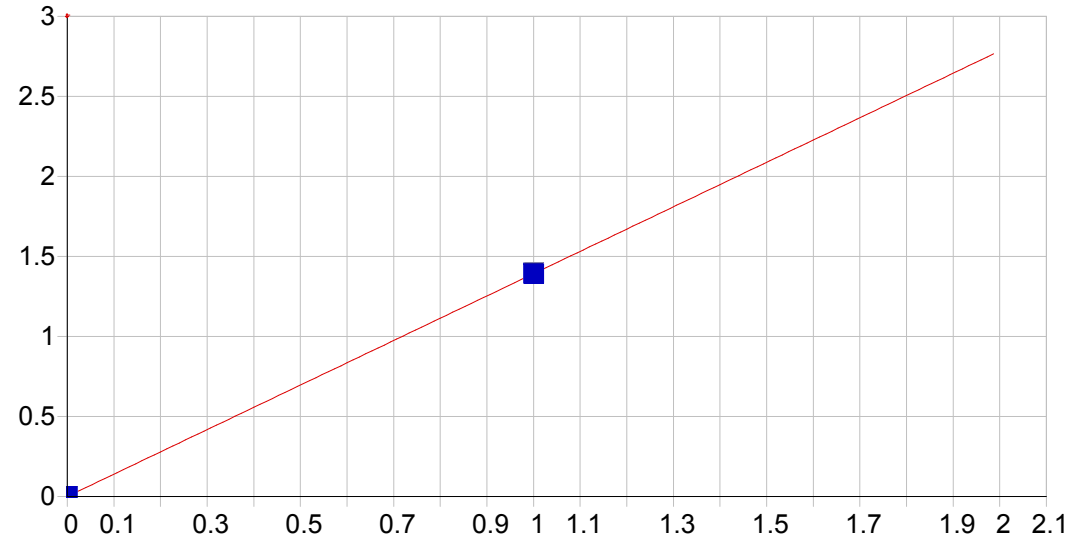


Sr 421.552 { 80}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000509	Re-Slope:	1.000000
A1 (Gain):	43.180980	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000015		
Predicted MQL:	0.000049		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00051	.000	1
S1	1.0000	1.0000	.000	.000	43.181	.196	1



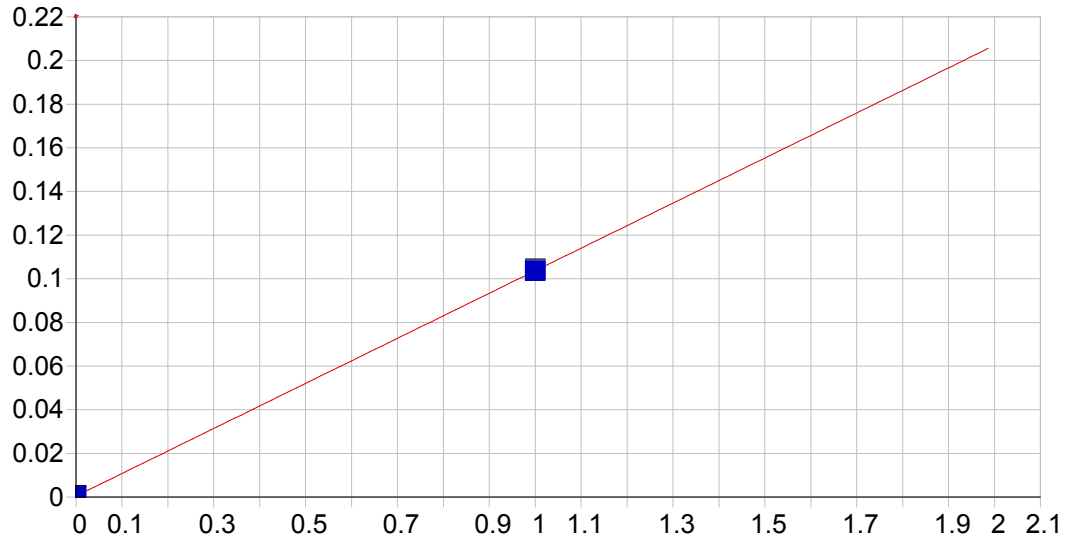
Ti 334.941 {101}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000505	Re-Slope:	1.000000
A1 (Gain):	1.391730	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:		1.000000		Status:	OK.		
Std Error of Est:		0.000000					
Predicted MDL:		0.000241					
Predicted MQL:		0.000805					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00050	.000	1
S1	1.0000	1.0000	.000	.000	1.3970	.001	1

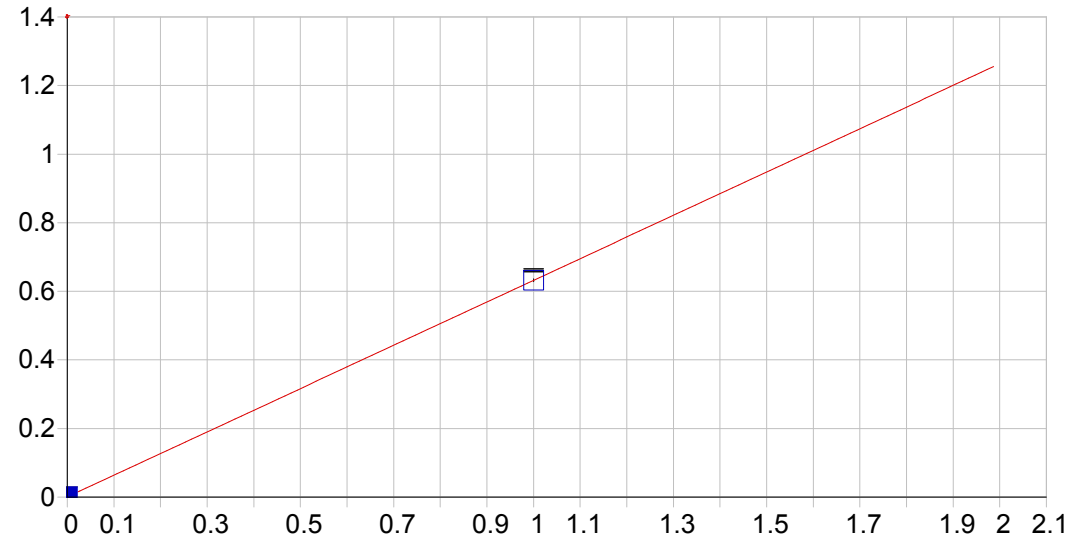


Tl 190.856 {477}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000445	Re-Slope:	1.000000
A1 (Gain):	0.103256	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.002197		
Predicted MQL:	0.007325		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00044	.000	1
S1	1.0000	1.0000	.000	.000	.10395	.001	1

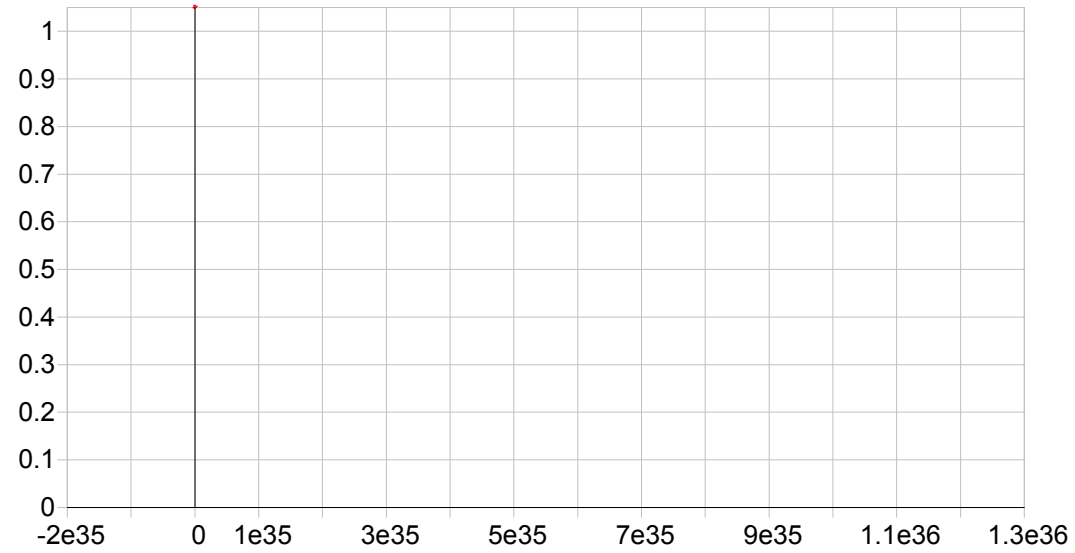


V 292.402 {115}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000643	Re-Slope:	1.000000
A1 (Gain):	0.631427	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000742		
Predicted MQL:	0.002475		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00064	.000	1
S1	1.0000	1.0000	.000	.000	.63207	.004	1



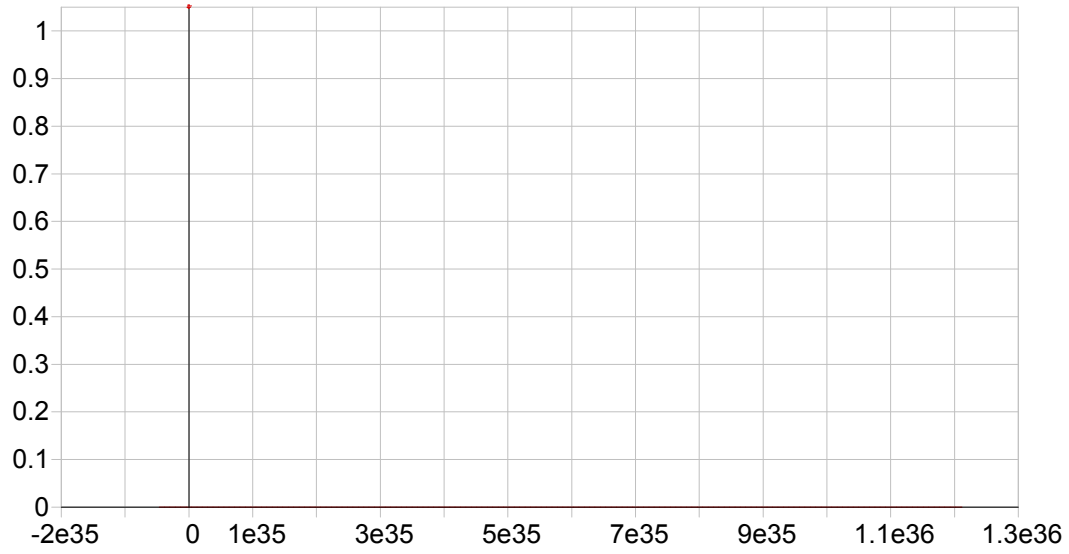
Y 224.306 {450}*

Date of Fit:	11/29/2021 16:04:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



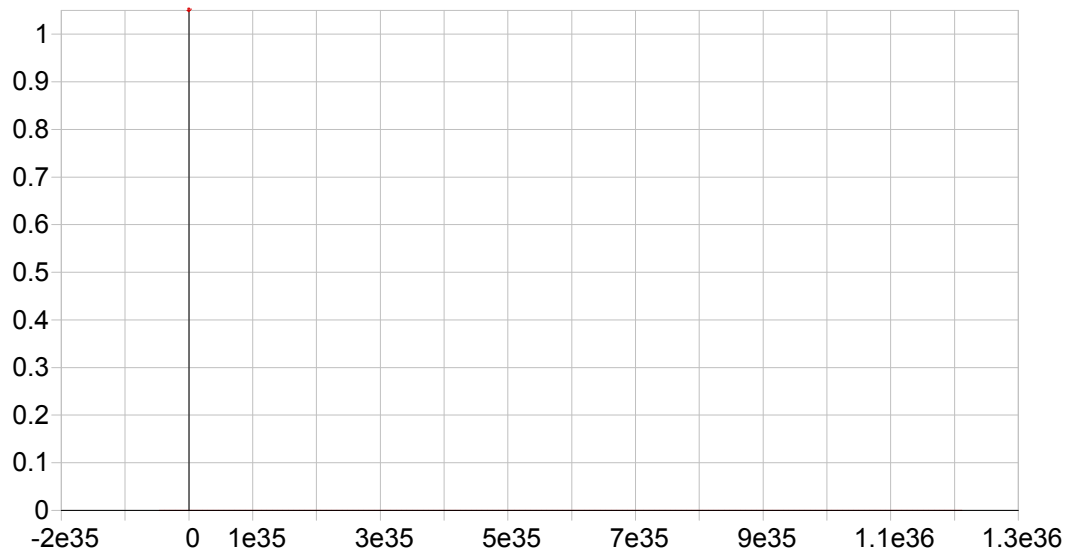
Y 360.073 { 94}*

Date of Fit:	11/29/2021 16:04:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	0.000000	Status:	Warning	Zero Gain
Std Error of Est:	0.000000			
Predicted MDL:	n/a			
Predicted MQL:	n/a			

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

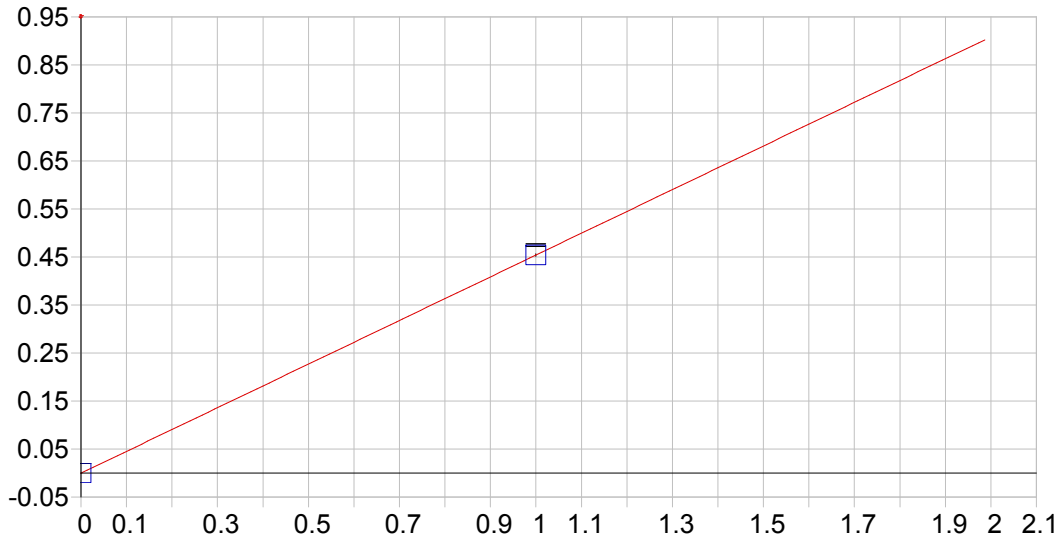


Y 371.030 { 91}*

Date of Fit:	11/29/2021 16:04:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Zn 206.200 {463}

Date of Fit:	11/29/2021 17:55:00	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000259	Re-Slope:	1.000000
A1 (Gain):	0.454315	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000650		
Predicted MQL:	0.002167		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00026	.000	1
S1	1.0000	1.0000	.000	.000	.45406	.003	1

Sample Name: Blank Acquired: 11/29/2021 17:48:39 Type: Cal
Method: P6112921A1(v2) Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00029**	**.00605**	**-.00089**	**.01371**	**.01515**	**-.00025**	**-.00078**
Stddev	.00029	.00005	.00016	.00029	.00105	.00118	.00004
%RSD	101.63	.84382	18.105	2.1085	6.9463	477.25	5.0100
#1	.00008	.00602	-.00078	.01350	.01589	.00059	-.00080
#2	.00049	.00609	-.00101	.01391	.01441	-.00109	-.00075

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00586**	**.0020**	**-3.980**	**-.00033**	**-.00019**	**.01735**	**.00084**
Stddev	.00005	.0003	1.259	.00010	.00015	.00013	.00032
%RSD	.87529	13.75	31.64	29.171	79.684	.76786	37.856
#1	.00583	.0018	-3.090	-.00039	-.00008	.01725	.00106
#2	.00590	.0022	-4.871	-.00026	-.00030	.01744	.00061

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00724**	**-.0008**	**-.00056**	**-.00028**	**-.00009**	**-.00832**	**.00185**
Stddev	.00192	.0022	.00029	.00028	.00090	.00085	.00018
%RSD	26.518	276.5	52.620	100.99	971.84	10.183	9.7839
#1	-.00588	-.0024	-.00035	-.00008	-.00073	-.00892	.00173
#2	-.00860	.0008	-.00076	-.00048	.00055	-.00772	.00198

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00057**	**.00004**	**.00014**	**.00401**	**.00041**	**.00051**	**.00050**
Stddev	.00021	.00016	.00007	.00017	.00003	.00031	.00019
%RSD	37.976	431.06	51.335	4.2927	8.3326	61.739	38.574
#1	-.00072	-.00008	.00019	.00414	.00038	.00073	.00064
#2	-.00041	.00015	.00009	.00389	.00043	.00029	.00037

Elem	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S
Avg	**.00044**	**.00064**	**-.00026**
Stddev	.00011	.00036	.00008
%RSD	24.488	56.319	29.861
#1	.00037	.00039	-.00020
#2	.00052	.00090	-.00031

Sample Name: Blank Acquired: 11/29/2021 17:48:39 Type: Cal
Method: P6112921A1(v2) Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2425.1	1142.8	7083.9	1837.3
Stddev	88.2	70.0	235.7	101.5
%RSD	3.6378	6.1223	3.3271	5.5244
#1	2487.5	1192.2	7250.6	1909.1
#2	2362.7	1093.3	6917.3	1765.6

Sample Name: S1 Acquired: 11/29/2021 17:51:55 Type: Cal
Method: P6112921A1(v2) Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	As1890	B_2089	Ba4554	Be2348	Bi2230	Cd2288	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.53371	.18357	1.3920	6.5285	4.4361	.20348	3.905	.99584
Stddev	.00049	.00001	.0068	.0146	.0063	.00066	.007	.00193
%RSD	.09115	.00330	.48955	.22427	.14145	.32209	.1732	.19365
#1	.53337	.18356	1.3871	6.5181	4.4406	.20302	3.900	.99721
#2	.53405	.18357	1.3968	6.5389	4.4317	.20394	3.910	.99448

Elem	Cr2677	Cu3247	Li6707	Mn2576	Mo2020	Ni2316	Pb2203	Sb2068
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.30312	1.4474	7.495	.77768	1.1319	.25754	.20332	.42268
Stddev	.00106	.0035	.031	.00101	.0004	.00003	.00005	.00121
%RSD	.35002	.24268	.4191	.12953	.03225	.01215	.02689	.28657
#1	.30237	1.4499	7.473	.77840	1.1316	.25756	.20336	.42182
#2	.30387	1.4450	7.517	.77697	1.1321	.25752	.20328	.42353

Elem	Se1960	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.22123	.38966	.18776	43.181	1.3970	.10395	.63207	.45406
Stddev	.00089	.00105	.00069	.196	.0009	.00054	.00433	.00264
%RSD	.40389	.26907	.36646	.45359	.06637	.51494	.68554	.58206
#1	.22060	.38892	.18824	43.320	1.3977	.10358	.63513	.45592
#2	.22186	.39041	.18727	43.043	1.3964	.10433	.62901	.45219

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2160.0	975.20	5879.2	1146.1
Stddev	3.1	4.05	6.7	1.3
%RSD	.14404	.41540	.11443	.11387
#1	2162.2	978.06	5874.4	1147.0
#2	2157.8	972.34	5883.9	1145.2

Sample Name: S2 Acquired: 11/29/2021 17:55:06 Type: Cal
Method: P6112921A1(v2) Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3082	Ca3179	Fe2714	K_7664	Mg2790	Na5895
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**4.1497**	**14.237**	**.72482**	**9.9615**	**2.2622**	**49.435**
Stddev	.0041	.035	.00286	.0167	.0046	.138
%RSD	.09829	.24614	.39402	.16786	.20193	.27859
#1	4.1468	14.262	.72684	9.9497	2.2590	49.337
#2	4.1526	14.212	.72280	9.9733	2.2654	49.532

Int. Std.	Y_3710
Units	Cts/S
Avg	**1240.8**
Stddev	10.5
%RSD	.84930
#1	1248.3
#2	1233.4

Sample Name: CE Acquired: 11/29/2021 17:58:22 Type: Cal
Method: P6112921A1(v2) Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ce4040
Units	Cts/S
Avg	428.9
Stddev	2.2
%RSD	.5026
#1	430.4
#2	427.3

Sample Name: S1 Acquired: 11/29/2021 18:01:40 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment: P6112921B

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9909193	.0907006	1.000992	1.006853	.9744272	.9950990
Stddev	.0024026	.0419246	.004967	.005271	.0020531	.0090459
%RSD	.2424656	46.22314	.4962062	.5235561	.2106976	.9090452
#1	.9892204	.1203457	.997480	1.003125	.9729755	.9887026
#2	.9926182	.0610554	1.004504	1.010580	.9758790	1.001495
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.000949	.0074508	1.007218	F .2478757	.9948238	.9840904
Stddev	.001832	.0025589	.002626	.0118885	.0006421	.0004513
%RSD	.1829861	34.34327	.2607154	4.796171	.0645418	.0458570
#1	.999654	.0092602	1.005361	.2394692	.9943697	.9844095
#2	1.002244	.0056415	1.009075	.2562821	.9952778	.9837712
Check ?	Chk Pass	None	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				1.000000		
Range				-5.00000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.000143	.1637522	-.012989	.9928595	-.033493	.9767906
Stddev	.001092	.0186932	.003157	.0124973	.007108	.0007478
%RSD	.1091527	11.41554	24.30139	1.258713	21.22076	.0765553
#1	1.000915	.1505342	-.015221	.9840226	-.038519	.9773194
#2	.999371	.1769703	-.010757	1.001696	-.028467	.9762619
Check ?	Chk Pass	None	None	Chk Pass	None	Chk Pass
Value						
Range						

Sample Name: S1 Acquired: 11/29/2021 18:01:40 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment: P6112921B

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9997487	.0120453	.9919405	1.002039	1.006230	1.003515
Stddev	.0056136	.0039436	.0002377	.005319	.006472	.004072
%RSD	.5614983	32.73940	.0239623	.5308608	.6431908	.4057958
#1	.9957793	.0092568	.9917724	.998278	1.001653	1.000636
#2	1.003718	.0148339	.9921085	1.005801	1.010806	1.006395
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9991994	.9900745	.9868829	.9960173	.9953055	.9958008
Stddev	.0068226	.0025600	.0064021	.0005374	.0041393	.0049545
%RSD	.6828085	.2585648	.6487240	.0539511	.4158791	.4975422
#1	.9943750	.9918847	.9914099	.9956374	.9923786	.9993041
#2	1.004024	.9882643	.9823559	.9963973	.9982324	.9922974
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.9877345
Stddev	.0042060
%RSD	.4258240
#1	.9907086
#2	.9847605
Check ?	Chk Pass
Value	
Range	

Sample Name: S1 Acquired: 11/29/2021 18:01:40 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment: P6112921B

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2159.838	966.0899	5895.654	1133.846
Stddev	12.556	9.9868	9.901	9.464
%RSD	.5813613	1.033732	.1679299	.8346652
#1	2168.716	973.1516	5902.654	1140.538
#2	2150.959	959.0282	5888.653	1127.154

Sample Name: S2 Acquired: 11/29/2021 18:04:49 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017789	102.5775	-.003980	.0000971	.0024914	.0003635	.0035359
Stddev	.0001095	.8756	.000800	.0005360	.0001700	.0003255	.0002004
%RSD	6.155821	.8536452	20.09370	552.3312	6.823293	89.53210	5.666640
#1	.0018563	103.1967	-.004545	.0004761	.0026116	.0005936	.0036775
#2	.0017014	101.9583	-.003414	-.000282	.0023712	.0001334	.0033942
Check ?	None	Chk Pass	None	None	None	None	None
Value							
Range							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	101.8071	.0001330	.1560275	.0000181	.0003838	.0020791	102.1609
Stddev	.0775	.0002809	.0018024	.0006052	.0005269	.0006008	.5132
%RSD	.0761139	211.2356	1.155150	3338.473	137.2874	28.89565	.5023413
#1	101.7523	-.000066	.1547531	.0004460	.0007564	.0016543	102.5238
#2	101.8619	.000332	.1573020	-.000410	.0000112	.0025039	101.7980
Check ?	Chk Pass	None	None	None	None	None	Chk Pass
Value							
Range							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	102.2809	.0010420	102.3403	.0008771	.0002436	102.3682	.0027478
Stddev	1.1220	.0000311	.6462	.0003406	.0011562	1.0283	.0002751
%RSD	1.096934	2.980698	.6314340	38.83217	474.6537	1.004534	10.01059
#1	103.0743	.0010201	102.7973	.0011180	-.000574	103.0953	.0025533
#2	101.4876	.0010640	101.8834	.0006363	.001061	101.6410	.0029423
Check ?	Chk Pass	None	Chk Pass	None	None	Chk Pass	None
Value							
Range							

Sample Name: S2 Acquired: 11/29/2021 18:04:49 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001705	.0013485	-.001809	-.001518	.0017110	.0004862	.0024483
Stddev	.000204	.0003648	.001663	.000796	.0009966	.0000201	.0000598
%RSD	11.93463	27.05487	91.93456	52.45684	58.24712	4.134898	2.440606
#1	-.001849	.0010905	-.000633	-.002081	.0010063	.0004720	.0024905
#2	-.001561	.0016065	-.002985	-.000955	.0024157	.0005005	.0024060
Check ?	None	None	None	None	None	None	None
Value							
Range							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0020362	-.000386	.0036742
Stddev	.0033675	.001219	.0001304
%RSD	165.3793	315.3444	3.547874
#1	-.000345	-.001248	.0037663
#2	.004417	.000475	.0035820
Check ?	None	None	None
Value			
Range			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1678.415	886.7488	5335.129	1202.485
Stddev	2.439	3.5179	2.145	11.675
%RSD	.1453055	.3967203	.0402120	.9709275
#1	1680.140	889.2363	5336.646	1194.230
#2	1676.691	884.2612	5333.612	1210.741

Sample Name: ICV Acquired: 11/29/2021 18:08:04 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3854742**	**39.51806**	**.3942649**	**.4072665**	F **.4430254**	**.3887086**
Stddev	.0014512	.33546	.0006447	.0038454	.0042762	.0019974
%RSD	.3764742	.8488685	.1635150	.9441876	.9652373	.5138456
#1	.3865004	39.28086	.3938090	.4045474	.4400016	.3872963
#2	.3844481	39.75527	.3947208	.4099856	.4460492	.3901210
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value					.4000000	
Range					10.00000%	

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4019872**	**20.19207**	**.3947747**	F **.1895611**	**.4101981**	**.3785426**
Stddev	.0023640	.03633	.0011069	.0456628	.0016024	.0004905
%RSD	.5880861	.1799370	.2803921	24.08873	.3906416	.1295696
#1	.4003156	20.16638	.3939920	.2218496	.4113311	.3788895
#2	.4036589	20.21776	.3955574	.1572726	.4090650	.3781958
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.4000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3976544**	**20.75970**	**38.99119**	**3.220593**	**20.23428**	**4.082449**
Stddev	.0034767	.21958	.34953	.041357	.18973	.015223
%RSD	.8742917	1.057738	.8964343	1.284157	.9376846	.3728970
#1	.3951961	20.60443	38.74403	3.191349	20.10012	4.071685
#2	.4001128	20.91496	39.23835	3.249837	20.36844	4.093214
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 11/29/2021 18:08:04 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3849337	19.78347	.4108845	.4045828	.4055131	.3916367
Stddev	.0010259	.22481	.0013796	.0027432	.0013772	.0011199
%RSD	.2665222	1.136348	.3357654	.6780237	.3396300	.2859608
#1	.3842082	19.62450	.4099089	.4026431	.4045393	.3908448
#2	.3856591	19.94243	.4118600	.4065225	.4064870	.3924286
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .6119032	.4124510	.3897911	.3957451	.3958730	3.855701
Stddev	.0056247	.0000873	.0006362	.0013322	.0046068	.007216
%RSD	.9192207	.0211718	.1632049	.3366194	1.163707	.1871412
#1	.6079259	.4125127	.3893413	.3966870	.3926154	3.860803
#2	.6158805	.4123893	.3902409	.3948031	.3991305	3.850599
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.4000000					
Range	10.00000%					

Elem	Zn2062
Units	ppm
Avg	.4260299
Stddev	.0027790
%RSD	.6522912
#1	.4279950
#2	.4240649
Check ?	Chk Pass
Value	
Range	

Sample Name: ICV Acquired: 11/29/2021 18:08:04 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1904.213	949.2509	5675.495	1169.552
Stddev	11.858	10.9715	32.113	9.754
%RSD	.6227504	1.155808	.5658216	.8340302
#1	1912.598	957.0089	5698.202	1176.449
#2	1895.827	941.4928	5652.787	1162.654

Sample Name: ICB Acquired: 11/29/2021 18:11:09 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010955**	**.1148801**	**-.002769**	**-.000047**	**.0007329**	**-.000180**
Stddev	.0010441	.0017871	.001951	.000008	.0002309	.000185
%RSD	95.30924	1.555577	70.48098	16.50029	31.50299	102.5827
#1	.0018338	.1136165	-.001389	-.000042	.0008962	-.000310
#2	.0003572	.1161438	-.004149	-.000053	.0005697	-.000049
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008211**	**.0013551**	**.0002876**	F **.0772811**	**-.000102**	**-.000454**
Stddev	.0002558	.0115316	.0001668	.0194535	.000054	.000015
%RSD	31.15366	850.9753	57.97906	25.17235	52.90972	3.293678
#1	.0006402	-.006799	.0004056	.0910368	-.000141	-.000464
#2	.0010020	.009509	.0001697	.0635254	-.000064	-.000443
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013432**	F **.2061438**	**-.008274**	**.0003477**	**-.012871**	**.0007517**
Stddev	.0001153	.0546733	.001799	.0001868	.007023	.0003962
%RSD	8.581888	26.52191	21.74500	53.71894	54.56715	52.70776
#1	.0012617	.1674840	-.007002	.0004798	-.007905	.0010319
#2	.0014248	.2448036	-.009546	.0002156	-.017837	.0004716
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.2000000				
Low Limit		-.200000				

Sample Name: ICB Acquired: 11/29/2021 18:11:09 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000276	.0016347	.0001011	.0003235	-.000749	-.000311
Stddev	.000114	.0076593	.0013181	.0028136	.000642	.000558
%RSD	41.15938	468.5324	1303.292	869.6267	85.65900	179.3966
#1	-.000356	.0070507	-.000831	-.001666	-.000295	-.000705
#2	-.000196	-.003781	.001033	.002313	-.001203	.000083
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035550	.0000357	-.000018	.0003970	.0015778	.0000109
Stddev	.0001374	.0004076	.000001	.0004480	.0017114	.0004934
%RSD	3.865666	1140.459	4.944714	112.8474	108.4637	4520.436
#1	.0036521	.0003240	-.000019	.0000802	.0027880	-.000338
#2	.0034578	-.000252	-.000017	.0007138	.0003677	.000360
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	-.000489
Stddev	.000031
%RSD	6.261707
#1	-.000511
#2	-.000467
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: ICB Acquired: 11/29/2021 18:11:09 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2230.681	990.2725	5898.878	1114.564
Stddev	15.497	2.2731	9.767	.435
%RSD	.6947250	.2295475	.1655662	.0389858
#1	2219.723	988.6652	5905.784	1114.871
#2	2241.639	991.8799	5891.972	1114.257

Sample Name: ICVL Acquired: 11/29/2021 18:14:27 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054823	F .3408910	.0087160	.0510338	.0107735	.0037989
Stddev	.0001026	.0194008	.0006684	.0001108	.0000716	.0001293
%RSD	1.870938	5.691196	7.668434	.2171986	.6645555	3.403114
#1	.0054098	.3271726	.0091887	.0509554	.0107229	.0038904
#2	.0055548	.3546094	.0082434	.0511122	.0108241	.0037075
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		.2000000				
Range		30.00000%				

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0499506	.1931745	.0019728	F .0823991	.0049891	.0095120
Stddev	.0001260	.0067113	.0000025	.0123130	.0000176	.0010152
%RSD	.2522681	3.474191	.1260241	14.94312	.3526709	10.67325
#1	.0500397	.1884290	.0019710	.0736925	.0049767	.0087942
#2	.0498615	.1979201	.0019745	.0911056	.0050016	.0102299
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				30.00000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112645	F .4699392	.3988086	.0096572	.1018394	.0093803
Stddev	.0000100	.0117812	.0171097	.0008100	.0007165	.0000146
%RSD	.0886946	2.506969	4.290196	8.387753	.7035921	.1551539
#1	.0112575	.4616086	.4109070	.0102299	.1023461	.0093906
#2	.0112716	.4782697	.3867102	.0090844	.1013328	.0093700
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		.2000000				
Range		30.00000%				

Sample Name: ICVL Acquired: 11/29/2021 18:14:27 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101718	.9953041	.0107730	.0041585	.0207077	.0104153
Stddev	.0003355	.0029751	.0003021	.0009010	.0010603	.0015660
%RSD	3.298577	.2989122	2.804196	21.66617	5.120444	15.03576
#1	.0099345	.9932004	.0109866	.0047956	.0199579	.0115227
#2	.0104090	.9974078	.0105594	.0035214	.0214575	.0093080
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .2600335	.0391670	.0051535	.0050701	.0107315	.0050045
Stddev	.0005743	.0001873	.0000192	.0000644	.0009171	.0000262
%RSD	.2208452	.4781221	.3723017	1.270834	8.546207	.5240518
#1	.2604395	.0392994	.0051670	.0051157	.0100830	.0050230
#2	.2596274	.0390346	.0051399	.0050246	.0113800	.0049859
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.2000000					
Range	30.00000%					

Elem	Zn2062
Units	ppm
Avg	.0204311
Stddev	.0003191
%RSD	1.561890
#1	.0202055
#2	.0206568
Check ?	Chk Pass
Value	
Range	

Sample Name: ICVL Acquired: 11/29/2021 18:14:27 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2212.696	985.9822	5886.138	1100.133
Stddev	8.959	3.6786	2.977	1.031
%RSD	.4048923	.3730895	.0505778	.0937221
#1	2219.031	988.5834	5884.033	1100.862
#2	2206.361	983.3810	5888.243	1099.404

Sample Name: CRI Acquired: 11/29/2021 18:17:43 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0106675**	**.5282921**	**.0176097**	**.1012586**	**.0207774**	**.0082959**
Stddev	.0001716	.0324844	.0033774	.0004615	.0001331	.0002809
%RSD	1.608783	6.148953	19.17944	.4557938	.6403926	3.385773
#1	.0105462	.5053221	.0199979	.1009322	.0208715	.0080973
#2	.0107889	.5512620	.0152215	.1015849	.0206833	.0084945
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1003427**	**.3822180**	**.0043164**	F **.0969901**	**.0100432**	**.0197135**
Stddev	.0001037	.0050800	.0001974	.0063315	.0000845	.0000329
%RSD	.1033274	1.329077	4.573556	6.527971	.8410174	.1670854
#1	.1002693	.3858101	.0041768	.0925131	.0101029	.0196902
#2	.1004160	.3786259	.0044560	.1014672	.0099835	.0197368
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0100000		
Range				50.00000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0217858**	**.4560236**	**.8885671**	**.0193432**	**.2201412**	**.0208623**
Stddev	.0000281	.1225886	.0043314	.0001496	.0211051	.0006648
%RSD	.1287730	26.88207	.4874588	.7733951	9.587060	3.186814
#1	.0218057	.3693403	.8855043	.0192374	.2350648	.0213325
#2	.0217660	.5427068	.8916298	.0194490	.2052177	.0203922
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CRI Acquired: 11/29/2021 18:17:43 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205035	1.936639	.0204010	.0107933	.0426515	.0196401
Stddev	.0003627	.023633	.0004757	.0005722	.0007001	.0023140
%RSD	1.768721	1.220304	2.331836	5.301827	1.641565	11.78202
#1	.0207600	1.919928	.0200646	.0103887	.0431465	.0180039
#2	.0202471	1.953350	.0207374	.0111979	.0421564	.0212764
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5028583	.0800870	.0102890	.0101955	.0199190	.0098401
Stddev	.0034338	.0000365	.0000328	.0000769	.0011145	.0005228
%RSD	.6828488	.0455349	.3189637	.7545761	5.595392	5.313340
#1	.5004303	.0801128	.0102658	.0101411	.0191309	.0102098
#2	.5052864	.0800612	.0103123	.0102499	.0207071	.0094704
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.0399290
Stddev	.0006379
%RSD	1.597642
#1	.0394779
#2	.0403801
Check ?	Chk Pass
Value	
Range	

Sample Name: CRI Acquired: 11/29/2021 18:17:43 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2210.656	988.4137	5926.994	1101.472
Stddev	4.438	3.8436	37.572	15.385
%RSD	.2007755	.3888620	.6339069	1.396769
#1	2213.794	991.1315	5953.561	1112.351
#2	2207.517	985.6959	5900.426	1090.593

Sample Name: ICSA Acquired: 11/29/2021 18:21:18 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0020880**	**591.1298**	**.0013697**	**-.003752**	F **.0118348**	**.0012941**
Stddev	.0002904	1.7717	.0005973	.000738	.0001194	.0000490
%RSD	13.90942	.2997182	43.60766	19.67882	1.008528	3.784933
#1	.0022934	589.8770	.0009473	-.004275	.0119192	.0013287
#2	.0018826	592.3826	.0017920	-.003230	.0117504	.0012595
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					.0100000	
Low Limit					-.010000	

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0024669**	**592.3713**	**.0001701**	F **.2817794**	**.0002502**	**-.000653**
Stddev	.0020850	2.3267	.0000509	.0271609	.0004018	.001870
%RSD	84.51906	.3927807	29.93859	9.639054	160.6040	286.1929
#1	.0039411	594.0165	.0001341	.3009850	.0005343	.000669
#2	.0009926	590.7260	.0002061	.2625737	-.000034	-.001976
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000208**	**238.5208**	**-.061733**	**.0010998**	F **601.0986**	**.0009190**
Stddev	.000009	.1143	.000923	.0004578	2.3436	.0002704
%RSD	4.533614	.0479104	1.495304	41.62410	.3898940	29.41971
#1	-.000214	238.4400	-.062386	.0014235	599.4414	.0007278
#2	-.000201	238.6016	-.061081	.0007761	602.7558	.0011102
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					600.0000	
Low Limit					400.0000	

Sample Name: ICSA Acquired: 11/29/2021 18:21:18 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039043	.0523974	.0022240	.0030399	-.004764	.0003659
Stddev	.0009849	.0101056	.0017084	.0039930	.005758	.0027138
%RSD	25.22579	19.28652	76.81519	131.3508	120.8840	741.5810
#1	.0032078	.0452517	.0010160	.0058634	-.008835	.0022849
#2	.0046007	.0595432	.0034320	.0002165	-.000692	-.001553
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.021442	.0104657	.0003726	.0022554	.0079047	-.003199
Stddev	.001343	.0051204	.0000053	.0004119	.0054881	.000083
%RSD	6.265217	48.92502	1.412337	18.26093	69.42780	2.603240
#1	-.022392	.0068451	.0003689	.0019642	.0040241	-.003140
#2	-.020492	.0140864	.0003764	.0025467	.0117853	-.003258
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0015872
Stddev	.0031785
%RSD	200.2523
#1	.0038347
#2	-.000660
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: ICSA Acquired: 11/29/2021 18:21:18 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1483.813	839.2946	5029.388	1060.252
Stddev	.428	2.2110	10.688	7.382
%RSD	.0288777	.2634372	.2125048	.6962214
#1	1483.510	837.7312	5021.830	1065.472
#2	1484.116	840.8581	5036.945	1055.032

Sample Name: ICSAB Acquired: 11/29/2021 18:24:33 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2201921	587.3786	.0936615	-.003936	F .7293382	.5409456
Stddev	.0017585	3.3226	.0017347	.000416	.0026946	.0018155
%RSD	.7986167	.5656584	1.852059	10.56835	.3694570	.3356229
#1	.2189487	589.7280	.0924350	-.004230	.7312435	.5422294
#2	.2214356	585.0292	.0948881	-.003642	.7274328	.5396618
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Fail	Chk Pass
Value					.5000000	
Range					20.00000%	

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001007	591.4674	1.044684	F .3685007	.5190483	.4479190
Stddev	.001190	1.3777	.000340	.0648744	.0009753	.0041705
%RSD	118.1766	.2329232	.0325011	17.60496	.1879021	.9310788
#1	-.000165	592.4416	1.044924	.3226276	.5197380	.4508680
#2	-.001848	590.4932	1.044444	.4143738	.5183587	.4449701
Check ?	None	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.2000000		
Range				20.00000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5573578	238.8600	-.062926	.0008713	598.4457	F .6114608
Stddev	.0038515	.4305	.059267	.0006253	.6452	.0001342
%RSD	.6910202	.1802428	94.18460	71.76488	.1078071	.0219454
#1	.5546344	239.1644	-.104835	.0013134	598.9019	.6115557
#2	.5600812	238.5556	-.021018	.0004291	597.9895	.6113660
Check ?	Chk Pass	Chk Pass	None	None	Chk Pass	Chk Fail
Value						.5000000
Range						20.00000%

Sample Name: ICSAB Acquired: 11/29/2021 18:24:33 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035359	.0441530	1.012521	.0505776	.5780965	.0454543
Stddev	.0002871	.0006847	.000882	.0058391	.0024786	.0043653
%RSD	8.119578	1.550843	.0871546	11.54474	.4287548	9.603683
#1	.0033329	.0446372	1.011897	.0547064	.5798491	.0423676
#2	.0037390	.0436688	1.013145	.0464487	.5763438	.0485410
Check ?	None	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070290	.0121746	.0005192	.0021764	.0879013	.4656415
Stddev	.0002437	.0011990	.0000674	.0001225	.0060640	.0022357
%RSD	3.467199	9.847919	12.98977	5.629983	6.898610	.4801232
#1	.0072013	.0130224	.0004715	.0020898	.0836134	.4672223
#2	.0068567	.0113268	.0005669	.0022631	.0921891	.4640606
Check ?	None	None	None	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	1.052493
Stddev	.001476
%RSD	.1402236
#1	1.053537
#2	1.051450
Check ?	Chk Pass
Value	
Range	

Sample Name: ICSAB Acquired: 11/29/2021 18:24:33 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1486.060	841.0991	5034.083	1071.236
Stddev	7.407	4.4740	36.202	6.380
%RSD	.4984648	.5319188	.7191356	.5955485
#1	1480.822	837.9355	5059.681	1066.725
#2	1491.297	844.2627	5008.484	1075.747

Sample Name: CCV Acquired: 11/29/2021 18:27:41 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4979887**	**51.38098**	**.4982989**	**.4974786**	F **.5757254**	**.5022415**
Stddev	.0011050	.49443	.0022982	.0004452	.0066237	.0078904
%RSD	.2218898	.9622732	.4612133	.0894833	1.150500	1.571042
#1	.4987701	51.03136	.4999240	.4977934	.5710417	.4966622
#2	.4972074	51.73059	.4966738	.4971639	.5804090	.5078209
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value					.5000000	
Range					10.00000%	

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5176290**	**25.55947**	**.4988790**	F **.1964930**	**.5218890**	**.4848456**
Stddev	.0016745	.24864	.0006390	.0249956	.0007937	.0025109
%RSD	.3234969	.9727949	.1280965	12.72087	.1520744	.5178739
#1	.5188131	25.38366	.4984271	.2141675	.5213278	.4830701
#2	.5164450	25.73529	.4993308	.1788184	.5224502	.4866211
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5014966**	**25.69982**	**50.22940**	**4.072541**	**25.76751**	**5.283726**
Stddev	.0004074	.27669	.57833	.066721	.17641	.067748
%RSD	.0812433	1.076632	1.151379	1.638322	.6846407	1.282198
#1	.5012085	25.50417	49.82046	4.025362	25.64277	5.235821
#2	.5017847	25.89547	50.63834	4.119720	25.89225	5.331630
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/29/2021 18:27:41 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4830809	25.49099	.5218394	.5115998	.4747441	.4869893
Stddev	.0017412	.31301	.0023793	.0013402	.0047359	.0016987
%RSD	.3604302	1.227943	.4559424	.2619542	.9975629	.3488122
#1	.4818497	25.26966	.5201570	.5106522	.4780929	.4881905
#2	.4843121	25.71233	.5235218	.5125475	.4713953	.4857882
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .5566055	.5226457	.4896185	.4918185	.4896942	4.837691
Stddev	.0005221	.0012402	.0005665	.0000678	.0008847	.006170
%RSD	.0938013	.2372834	.1156953	.0137847	.1806687	.1275471
#1	.5569746	.5217688	.4892180	.4918664	.4903198	4.842054
#2	.5562363	.5235226	.4900191	.4917705	.4890686	4.833327
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	10.00000%					

Elem	Zn2062
Units	ppm
Avg	.5319866
Stddev	.0038646
%RSD	.7264477
#1	.5292539
#2	.5347193
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/29/2021 18:27:41 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1889.177	953.5245	5683.428	1155.772
Stddev	2.421	3.4451	11.926	18.630
%RSD	.1281497	.3612984	.2098448	1.611921
#1	1887.465	951.0885	5691.861	1168.945
#2	1890.889	955.9606	5674.995	1142.598

Sample Name: CCB Acquired: 11/29/2021 18:30:47 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018024	.1471031	-.003124	.0002568	.0007045	-.000167
Stddev	.0004281	.0483204	.000126	.0000902	.0006419	.000083
%RSD	23.75408	32.84799	4.021089	35.12933	91.11385	49.55348
#1	.0021051	.1812709	-.003213	.0003206	.0011584	-.000108
#2	.0014996	.1129354	-.003035	.0001930	.0002506	-.000225
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013163	.0072139	.0001705	F .0742227	.0000568	.0013875
Stddev	.0006929	.0151277	.0001442	.0252893	.0001058	.0012874
%RSD	52.64112	209.7022	84.57061	34.07223	186.1821	92.78151
#1	.0018062	.0179108	.0002724	.0563405	.0001316	.0004772
#2	.0008263	-.003483	.0000685	.0921050	-.000018	.0022978
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012946	.1710219	-.030392	.0001123	-.001820	.0007699
Stddev	.0001288	.0602667	.011085	.0001636	.024947	.0000235
%RSD	9.952032	35.23918	36.47218	145.7187	1371.073	3.051305
#1	.0012035	.1284069	-.022554	-.000003	-.019460	.0007533
#2	.0013857	.2136369	-.038230	.000228	.015821	.0007865
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/29/2021 18:30:47 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002218	.0027349	.0005780	-.000562	.0011614	-.000109
Stddev	.0003492	.0061708	.0001415	.001428	.0009909	.002528
%RSD	157.4505	225.6314	24.48517	254.0419	85.31588	2325.433
#1	-.000025	.0070983	.0004779	-.001572	.0018620	-.001897
#2	.000469	-.001629	.0006780	.000448	.0004608	.001679
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010668	.0012883	-.000008	-.000046	.0011058	.0000226
Stddev	.0006495	.0004328	.000001	.000343	.0020527	.0004354
%RSD	60.88304	33.59292	10.64227	744.4671	185.6358	1927.310
#1	.0006076	.0009823	-.000007	-.000289	.0025572	.0003305
#2	.0015261	.0015943	-.000009	.000197	-.000346	-.000285
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	-.000165
Stddev	.000287
%RSD	173.5622
#1	.000038
#2	-.000369
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/29/2021 18:30:47 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2233.521	978.3939	5913.073	1086.916
Stddev	6.517	6.5088	6.639	.295
%RSD	.2917651	.6652516	.1122739	.0271034
#1	2238.129	982.9963	5917.768	1087.125
#2	2228.913	973.7915	5908.379	1086.708

Sample Name: MRL Acquired: 11/29/2021 18:34:04 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0059373**	F **.3467242**	F **.0058893**	**.0516485**	**.0112913**	**.0041473**
Stddev	.0003753	.0382778	.0016403	.0006212	.0001704	.0000396
%RSD	6.321834	11.03985	27.85286	1.202682	1.509045	.9540939
#1	.0062027	.3196577	.0070491	.0512092	.0111708	.0041193
#2	.0056719	.3737907	.0047294	.0520877	.0114118	.0041753
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value		.2000000	.0100000			
Range		30.00000%	-30.0000%			

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0502962**	**.1991469**	**.0022985**	F **.0658610**	**.0046775**	**.0086713**
Stddev	.0014978	.0106507	.0000116	.0166626	.0002899	.0005334
%RSD	2.977893	5.348162	.5031973	25.29966	6.198649	6.151807
#1	.0492371	.2066781	.0022903	.0540788	.0044725	.0082942
#2	.0513553	.1916158	.0023066	.0776432	.0048826	.0090486
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				30.00000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0115475**	F **.3291195**	**.4757882**	**.0105827**	**.0728743**	**.0097900**
Stddev	.0002123	.1007908	.0350084	.0010719	.0115052	.0000461
%RSD	1.838800	30.62438	7.357977	10.12830	15.78770	.4709950
#1	.0116977	.4003893	.4510336	.0098248	.0810097	.0097574
#2	.0113974	.2578496	.5005429	.0113406	.0647389	.0098227
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		.2000000				
Range		30.00000%				

Sample Name: MRL Acquired: 11/29/2021 18:34:04 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105115	1.007162	.0112699	.0058539	.0201686	.0095089
Stddev	.0005610	.018743	.0004703	.0011152	.0002104	.0004648
%RSD	5.337187	1.860956	4.173023	19.04983	1.043126	4.888305
#1	.0101148	.993909	.0116025	.0050653	.0200198	.0098376
#2	.0109082	1.020415	.0109374	.0066424	.0203173	.0091802
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .2642590	.0395426	.0051703	.0050409	.0099270	.0051463
Stddev	.0025130	.0005112	.0000028	.0000855	.0011583	.0000717
%RSD	.9509763	1.292771	.0538599	1.695628	11.66861	1.393453
#1	.2624820	.0391811	.0051683	.0049805	.0107460	.0050956
#2	.2660360	.0399041	.0051723	.0051014	.0091079	.0051970
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.2000000					
Range	30.00000%					

Elem	Zn2062
Units	ppm
Avg	.0197066
Stddev	.0007004
%RSD	3.554067
#1	.0202018
#2	.0192113
Check ?	Chk Pass
Value	
Range	

Sample Name: MRL Acquired: 11/29/2021 18:34:04 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2206.719	969.7269	5879.419	1062.773
Stddev	15.590	12.9340	17.416	11.901
%RSD	.7064757	1.333778	.2962277	1.119851
#1	2217.743	978.8726	5891.734	1071.189
#2	2195.695	960.5811	5867.104	1054.358

Sample Name: MRL Acquired: 11/29/2021 18:37:41 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060711	F .3043052	F .0066790	.0524337	.0108360	.0038254
Stddev	.0010765	.0510138	.0025600	.0006418	.0002256	.0002806
%RSD	17.73200	16.76402	38.32953	1.224102	2.081506	7.334483
#1	.0068323	.3403774	.0084893	.0519799	.0106765	.0036270
#2	.0053099	.2682330	.0048688	.0528876	.0109955	.0040238
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value		.2000000	.0100000			
Range		30.00000%	-30.0000%			

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502055	.1965321	.0023149	F .0623352	.0048888	.0092447
Stddev	.0008926	.0031285	.0000349	.0410054	.0000284	.0008540
%RSD	1.777847	1.591858	1.506680	65.78202	.5802189	9.237651
#1	.0508366	.1987443	.0022903	.0913303	.0049089	.0086409
#2	.0495743	.1943199	.0023396	.0333400	.0048688	.0098486
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				30.00000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118498	F .3429199	.4255954	.0109640	.0813056	.0112085
Stddev	.0001272	.0065371	.0150197	.0005502	.0237512	.0008501
%RSD	1.073448	1.906315	3.529103	5.018016	29.21221	7.584319
#1	.0117598	.3382975	.4362160	.0105750	.0645110	.0118096
#2	.0119397	.3475424	.4149749	.0113530	.0981002	.0106074
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		.2000000				
Range		30.00000%				

Sample Name: MRL Acquired: 11/29/2021 18:37:41 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107765	.9628880	.0107640	.0047525	.0206061	.0098280
Stddev	.0003325	.0076571	.0001739	.0005021	.0014016	.0017572
%RSD	3.085542	.7952210	1.615312	10.56502	6.802110	17.87907
#1	.0110116	.9683024	.0106410	.0051076	.0215972	.0085855
#2	.0105414	.9574736	.0108869	.0043975	.0196150	.0110705
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .2778542	.0385709	.0051295	.0051339	.0099809	.0051420
Stddev	.0009048	.0007647	.0000166	.0000049	.0000936	.0009675
%RSD	.3256497	1.982626	.3227921	.0951657	.9378091	18.81612
#1	.2772143	.0391117	.0051178	.0051305	.0099147	.0044578
#2	.2784940	.0380302	.0051412	.0051374	.0100471	.0058261
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.2000000					
Range	30.00000%					

Elem	Zn2062
Units	ppm
Avg	.0191796
Stddev	.0006744
%RSD	3.516367
#1	.0196565
#2	.0187027
Check ?	Chk Pass
Value	
Range	

Sample Name: MRL Acquired: 11/29/2021 18:37:41 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2215.110	971.8766	5882.706	1084.281
Stddev	15.258	11.7192	15.680	1.208
%RSD	.6888081	1.205836	.2665508	.1113939
#1	2225.899	980.1633	5893.793	1083.427
#2	2204.321	963.5898	5871.618	1085.135

Sample Name: LRC Acquired: 11/29/2021 18:41:01 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018352	.0164464	-.008710	5.212847	5.396924	5.093137
Stddev	.0000737	.0021041	.001471	.019062	.045022	.036226
%RSD	4.014245	12.79358	16.89350	.3656720	.8342155	.7112749
#1	.0017832	.0149586	-.009751	5.199368	5.428759	5.118753
#2	.0018873	.0179342	-.007670	5.226326	5.365088	5.067522
Check ?	None	None	None	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.085620	.0184154	5.121753	.2129182	2.043888	2.019094
Stddev	.016846	.0009632	.017933	.0229337	.010968	.004535
%RSD	.3312435	5.230170	.3501415	10.77111	.5366343	.2246045
#1	5.073708	.0190965	5.109072	.2291348	2.036132	2.022301
#2	5.097531	.0177344	5.134434	.1967017	2.051644	2.015887
Check ?	Chk Pass	None	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.055862	.2328528	-.043302	5.280754	-.046270	5.158872
Stddev	.001327	.1294240	.018602	.076829	.009637	.016048
%RSD	.0645345	55.58190	42.95776	1.454892	20.82822	.3110830
#1	2.054924	.1413362	-.056456	5.335081	-.039455	5.170220
#2	2.056800	.3243694	-.030149	5.226428	-.053084	5.147524
Check ?	Chk Pass	None	None	Chk Pass	None	Chk Pass
Value						
Range						

Sample Name: LRC Acquired: 11/29/2021 18:41:01 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.539520**	**.0131201**	**5.207350**	**5.190639**	**5.360006**	**5.194635**
Stddev	.003022	.0037399	.028123	.026869	.011673	.025489
%RSD	.1963223	28.50521	.5400679	.5176398	.2177752	.4906858
#1	1.537383	.0157647	5.187464	5.171640	5.351752	5.176611
#2	1.541657	.0104756	5.227236	5.209639	5.368260	5.212659
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **5.651089**	**5.173249**	**2.001128**	**2.023644**	**5.048924**	**5.074380**
Stddev	.020678	.028463	.003896	.003846	.027061	.021994
%RSD	.3659035	.5502025	.1946958	.1900499	.5359839	.4334234
#1	5.636468	5.153122	1.998373	2.026364	5.029789	5.089931
#2	5.665710	5.193376	2.003883	2.020925	5.068059	5.058828
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	5.000000					
Range	10.00000%					

Elem	Zn2062
Units	ppm
Avg	**5.167830**
Stddev	.033986
%RSD	.6576504
#1	5.143798
#2	5.191862
Check ?	Chk Pass
Value	
Range	

Sample Name: LRC Acquired: 11/29/2021 18:41:01 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2063.680	947.2040	5696.142	1120.579
Stddev	3.815	.7454	20.612	13.492
%RSD	.1848627	.0786900	.3618649	1.204041
#1	2066.378	947.7311	5710.717	1111.038
#2	2060.983	946.6770	5681.567	1130.119

Sample Name: Ib 500-628956/1-b Acquired: 11/29/2021 18:44:31 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017469	.0525201	-.003425	.1151628	.0036478	-.000035
Stddev	.0009044	.0144575	.000183	.0004567	.0001010	.000067
%RSD	51.77244	27.52763	5.347320	.3965503	2.769419	193.2466
#1	.0011074	.0627431	-.003555	.1154857	.0037192	.000013
#2	.0023864	.0422971	-.003296	.1148399	.0035763	-.000082
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011288	.1458542	.0010923	.1014756	-.000672	.0030335
Stddev	.003050	.0052397	.0002000	.0189683	.000073	.0001623
%RSD	27.01613	3.592443	18.30805	18.69250	10.85224	5.349264
#1	-.013445	.1421491	.0009509	.0880630	-.000723	.0029187
#2	-.009132	.1495592	.0012337	.1148883	-.000620	.0031482
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079095	.1491856	.2026134	.0006946	.0019294	.0006988
Stddev	.0005555	.1553625	.0184423	.0000151	.0102511	.0000354
%RSD	7.023498	104.1405	9.102224	2.178551	531.3065	5.071720
#1	.0083023	.2590435	.2156541	.0007053	-.005319	.0007238
#2	.0075166	.0393277	.1895727	.0006839	.009178	.0006737
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 500-628956/1-b Acquired: 11/29/2021 18:44:31 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015523	F 1228.027	.0017464	-.003860	.0018593	-.000869
Stddev	.0002708	11.805	.0001928	.001800	.0003690	.000818
%RSD	17.44329	.9612743	11.03932	46.64713	19.84881	94.15519
#1	.0013609	1236.374	.0016101	-.005133	.0021202	-.001448
#2	.0017438	1219.680	.0018828	-.002586	.0015983	-.000290
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4718778	.0037308	.0002068	.0005123	-.001429	.0001044
Stddev	.0040047	.0005462	.0000155	.0000036	.001976	.0002564
%RSD	.8486798	14.64104	7.520247	.7093192	138.2366	245.6304
#1	.4747095	.0041170	.0002178	.0005097	-.002827	.0002856
#2	.4690460	.0033445	.0001958	.0005148	-.000032	-.000077
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0048897
Stddev	.0011182
%RSD	22.86896
#1	.0056804
#2	.0040990
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: lb 500-628956/1-b Acquired: 11/29/2021 18:44:31 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1456.988	800.5939	4662.602	1526.955
Stddev	5.992	5.4633	27.112	10.900
%RSD	.4112411	.6824012	.5814761	.7138303
#1	1452.751	796.7308	4643.431	1519.248
#2	1461.225	804.4570	4681.773	1534.662

Sample Name: Ics 500-630792/2-a Acquired: 11/29/2021 18:47:55 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0498064	2.194151	.0941265	.9099287	.5432465	.0563282	-.007729
Stddev	.0014782	.013563	.0001514	.0006966	.0031393	.0000602	.000556
%RSD	2.967967	.6181235	.1609026	.0765561	.5778796	.1068499	7.193741
#1	.0508516	2.203741	.0940194	.9104213	.5410267	.0563707	-.008122
#2	.0487611	2.184561	.0942336	.9094362	.5454663	.0562856	-.007335
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.840991	.0495129	.0781577	.5009046	.1982489	.2593641	1.239687
Stddev	.061885	.0000093	.0379461	.0006049	.0006850	.0003360	.036865
%RSD	.6288508	.0187998	48.55073	.1207552	.3455240	.1295506	2.973774
#1	9.797232	.0495063	.1049897	.5013323	.1987332	.2591265	1.265754
#2	9.884751	.0495195	.0513258	.5004769	.1977645	.2596017	1.213619
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.572066	.1116472	10.58025	.5364506	1.034092	10.33185	.5029876
Stddev	.021763	.0004883	.00306	.0002370	.002536	.00974	.0001307
%RSD	.2273625	.4373108	.0289263	.0441789	.2452347	.0943088	.0259746
#1	9.556677	.1119925	10.58241	.5362830	1.035885	10.32496	.5030800
#2	9.587454	.1113020	10.57808	.5366182	1.032299	10.33874	.5028952
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: lcs 500-630792/2-a Acquired: 11/29/2021 18:47:55 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0979239	.5218695	.0855235	4.833715	.9932661	1.001638	1.023124
Stddev	.0010140	.0025455	.0013455	.013813	.0022417	.008993	.000487
%RSD	1.035473	.4877614	1.573247	.2857565	.2256934	.8978450	.0476425
#1	.0972069	.5236694	.0845721	4.843482	.9916810	.995279	1.023469
#2	.0986408	.5200695	.0864749	4.823948	.9948513	1.007997	1.022780
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0972585	.5057325	.4922290
Stddev	.0009277	.0016041	.0022980
%RSD	.9538956	.3171805	.4668656
#1	.0966025	.5068668	.4906041
#2	.0979145	.5045983	.4938540
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2016.200	932.6864	5725.054	1010.176
Stddev	6.249	5.8596	3.477	2.856
%RSD	.3099310	.6282515	.0607351	.2826813
#1	2011.781	928.5431	5727.513	1008.157
#2	2020.618	936.8298	5722.595	1012.195

Sample Name: 500-208170-e-1-f Acquired: 11/29/2021 18:51:09 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025666	.0746791	-.004929	.1504701	.7410623	.0000649
Stddev	.0006549	.0400913	.000396	.0005974	.0018946	.0001470
%RSD	25.51711	53.68473	8.030677	.3970329	.2556648	226.4467
#1	.0021035	.0463303	-.004649	.1508925	.7397226	-.000039
#2	.0030297	.1030279	-.005209	.1500476	.7424021	.000169
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016766	346.9522	.0036072	.2130748	-.001238	-.000297
Stddev	.003630	.4149	.0001446	.0125874	.000201	.000111
%RSD	21.64991	.1195791	4.009276	5.907511	16.22640	37.42875
#1	-.014199	347.2455	.0037095	.2219754	-.001096	-.000376
#2	-.019332	346.6588	.0035050	.2041741	-.001380	-.000219
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075354	.2359868	1.172471	.0041704	174.8217	.7682219
Stddev	.0003779	.0760942	.011885	.0000153	.2810	.0030604
%RSD	5.014590	32.24511	1.013675	.3658550	.1607326	.3983778
#1	.0078026	.2897935	1.180875	.0041596	175.0204	.7703859
#2	.0072682	.1821800	1.164067	.0041812	174.6230	.7660578
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208170-e-1-f Acquired: 11/29/2021 18:51:09 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025587	F 1324.600	.0074240	-.000167	.0024518	-.000635
Stddev	.0010294	14.183	.0008689	.003682	.0024491	.001486
%RSD	40.23141	1.070758	11.70456	2206.861	99.88853	233.9580
#1	.0032866	1334.629	.0080384	-.002770	.0007201	.000416
#2	.0018308	1314.571	.0068095	.002437	.0041836	-.001686
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.271275	.0057571	.2996553	.0027922	-.004655	-.000123
Stddev	.017767	.0012119	.0011018	.0002086	.002184	.000398
%RSD	.5431331	21.04964	.3677047	7.469418	46.93083	324.2895
#1	3.283839	.0066140	.3004345	.0026447	-.006199	.000159
#2	3.258712	.0049002	.2988762	.0029397	-.003110	-.000404
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0666248
Stddev	.0001844
%RSD	.2768402
#1	.0664944
#2	.0667552
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208170-e-1-f Acquired: 11/29/2021 18:51:09 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1302.143	733.2227	4447.413	1532.826
Stddev	4.788	3.6657	16.907	5.131
%RSD	.3677313	.4999493	.3801642	.3347533
#1	1298.757	730.6307	4435.458	1529.198
#2	1305.529	735.8148	4459.368	1536.454

Sample Name: 500-208170-e-1-fSD@5 Acquired: 11/29/2021 18:54:27 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006724	.0991237	-.004619	.0329576	.1381771	-.000187	-.003172
Stddev	.0004712	.0000129	.000942	.0002402	.0009030	.000112	.001785
%RSD	70.07754	.0130265	20.38916	.7288967	.6535113	59.87773	56.26173
#1	.0003392	.0991146	-.003953	.0331275	.1388157	-.000266	-.001910
#2	.0010055	.0991329	-.005284	.0327877	.1375386	-.000108	-.004434
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	69.56520	.0013250	.1073782	-.000349	-.002601	.0037215	.2670110
Stddev	.36963	.0000176	.0480581	.000268	.000754	.0000060	.0638368
%RSD	.5313438	1.331275	44.75588	76.83416	28.97173	.1609304	23.90795
#1	69.82656	.0013374	.0733960	-.000159	-.002068	.0037257	.3121504
#2	69.30383	.0013125	.1413604	-.000538	-.003134	.0037173	.2218715
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2031988	.0007736	36.69664	.1590346	.0003959	272.4274	.0025294
Stddev	.0183351	.0005706	.06688	.0024396	.0001900	4.3624	.0003258
%RSD	9.023238	73.75535	.1822581	1.533989	48.00147	1.601294	12.88058
#1	.1902339	.0011771	36.74393	.1607596	.0002615	269.3427	.0027598
#2	.2161636	.0003702	36.64935	.1573095	.0005302	275.5120	.0022991
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208170-e-1-fSD@5 Acquired: 11/29/2021 18:54:27 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002108	.0014604	.0020797	.6432036	-.000194	.0614993	.0025471
Stddev	.002350	.0012896	.0002256	.0044734	.000212	.0006288	.0001005
%RSD	111.4665	88.30244	10.84743	.6954870	109.4691	1.022430	3.944926
#1	-.003770	.0005485	.0022393	.6463667	-.000044	.0619439	.0024761
#2	-.000447	.0023723	.0019202	.6400404	-.000344	.0610547	.0026182
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000713	-.000036	.0135680
Stddev	.000469	.000154	.0001293
%RSD	65.67905	422.3602	.9531733
#1	-.001045	.000072	.0136594
#2	-.000382	-.000145	.0134765
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1672.401	848.7282	5136.058	1353.076
Stddev	21.721	11.3100	30.599	5.825
%RSD	1.298787	1.332585	.5957692	.4305038
#1	1657.042	840.7308	5114.421	1357.195
#2	1687.760	856.7256	5157.695	1348.957

Sample Name: 500-208170-e-1-g du Acquired: 11/29/2021 18:57:48 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028678	.0703032	-.003796	.1469535	.7496350	.0001058
Stddev	.0007627	.0012281	.008375	.0003955	.0030717	.0000750
%RSD	26.59365	1.746868	220.6141	.2691422	.4097619	70.84869
#1	.0023285	.0711717	.002126	.1466738	.7518070	.0001588
#2	.0034071	.0694349	-.009719	.1472332	.7474629	.0000528
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016634	346.6119	.0039474	.1558248	-.001238	-.002651
Stddev	.000534	5.9576	.0001371	.0674117	.000009	.000402
%RSD	3.209354	1.718812	3.472727	43.26118	.6889025	15.14883
#1	-.017011	342.3992	.0038505	.1081576	-.001244	-.002367
#2	-.016256	350.8246	.0040443	.2034921	-.001232	-.002935
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078240	.1837513	1.196331	.0042632	176.8484	.7705926
Stddev	.0000378	.0611250	.046479	.0000114	.3716	.0096635
%RSD	.4832231	33.26506	3.885107	.2675566	.2101094	1.254032
#1	.0077973	.1405294	1.163465	.0042713	176.5857	.7637595
#2	.0078507	.2269732	1.229196	.0042551	177.1112	.7774258
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208170-e-1-g du Acquired: 11/29/2021 18:57:48 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026878	F 1332.026	.0066397	-.002537	.0025480	.0011481
Stddev	.0004654	3.094	.0015515	.000696	.0011976	.0005903
%RSD	17.31464	.2322740	23.36763	27.43791	47.00346	51.41171
#1	.0023588	1334.214	.0055426	-.002045	.0033948	.0015655
#2	.0030169	1329.838	.0077367	-.003030	.0017011	.0007307
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.288238	.0057941	.3007468	.0033355	-.000733	.0012316
Stddev	.005716	.0027503	.0011114	.0002835	.000257	.0010165
%RSD	.1738282	47.46614	.3695351	8.500761	35.00157	82.53520
#1	3.292280	.0038494	.2999610	.0031350	-.000914	.0019503
#2	3.284197	.0077389	.3015327	.0035360	-.000552	.0005128
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0685108
Stddev	.0000038
%RSD	.0055197
#1	.0685134
#2	.0685081
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208170-e-1-g du Acquired: 11/29/2021 18:57:48 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1311.599	730.3777	4411.819	1504.643
Stddev	6.799	3.4858	6.182	.990
%RSD	.5183540	.4772566	.1401342	.0657974
#1	1316.406	732.8425	4416.191	1503.943
#2	1306.792	727.9129	4407.447	1505.343

Sample Name: 500-208170-e-1-h ms Acquired: 11/29/2021 19:01:06 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0707791	1.983622	.1158325	1.088931	1.387321	.0396183
Stddev	.0003159	.010397	.0014278	.006668	.007518	.0001685
%RSD	.4462871	.5241639	1.232616	.6123152	.5418987	.4253710
#1	.0710025	1.976270	.1148229	1.093646	1.392637	.0394991
#2	.0705558	1.990974	.1168421	1.084216	1.382006	.0397374
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015123	371.0564	.0658244	.2509635	.5539099	.1951653
Stddev	.004626	2.2658	.0004035	.0065343	.0035671	.0005026
%RSD	30.58822	.6106238	.6129546	2.603685	.6439906	.2575083
#1	-.018393	369.4542	.0661097	.2555839	.5564323	.1955207
#2	-.011852	372.6585	.0655391	.2463430	.5513876	.1948100
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3197897	1.172515	11.35426	.0939523	191.0408	1.275685
Stddev	.0005123	.039473	.06393	.0010977	.2945	.000530
%RSD	.1601849	3.366516	.5630692	1.168376	.1541396	.0415317
#1	.3201520	1.144604	11.39947	.0947285	191.2491	1.275310
#2	.3194275	1.200427	11.30905	.0931761	190.8326	1.276060
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208170-e-1-h ms Acquired: 11/29/2021 19:01:06 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.011397	F 1351.657	.5467903	.1038848	.5944388	.1047641
Stddev	.004509	35.703	.0049396	.0013645	.0054310	.0015734
%RSD	.4458278	2.641446	.9033722	1.313442	.9136401	1.501863
#1	1.014586	1376.903	.5502831	.1048497	.5982791	.1036515
#2	1.008209	1326.411	.5432975	.1029200	.5905984	.1058767
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.774307	1.123764	1.284226	1.041605	.0827461	.5164936
Stddev	.040401	.005149	.002360	.002813	.0012173	.0034769
%RSD	.4604432	.4581771	.1837418	.2700284	1.471102	.6731822
#1	8.802874	1.127405	1.285894	1.039616	.0818853	.5140350
#2	8.745739	1.120123	1.282557	1.043594	.0836068	.5189521
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.6485053
Stddev	.0011548
%RSD	.1780732
#1	.6493218
#2	.6476887
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208170-e-1-h ms Acquired: 11/29/2021 19:01:06 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1303.479	743.7599	4490.884	1521.436
Stddev	9.432	6.1145	3.849	2.815
%RSD	.7235937	.8221070	.0857012	.1850047
#1	1296.809	739.4363	4488.163	1519.446
#2	1310.148	748.0835	4493.606	1523.427

Sample Name: 500-208170-e-2-h Acquired: 11/29/2021 19:04:25 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017406	.0689728	-.002317	.1397558	.1731702	.0000064
Stddev	.0014051	.0231236	.000103	.0008034	.0002045	.0001314
%RSD	80.72559	33.52569	4.464821	.5748664	.1180975	2046.613
#1	.0007470	.0853237	-.002390	.1403239	.1733148	-.000086
#2	.0027341	.0526220	-.002244	.1391877	.1730256	.000099
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013981	371.4586	.0015826	.2042321	.0081207	-.000578
Stddev	.000150	.0850	.0000687	.0399180	.0000097	.001055
%RSD	1.074524	.0228764	4.338012	19.54540	.1193873	182.4825
#1	-.013875	371.5186	.0015340	.1760058	.0081139	-.001324
#2	-.014087	371.3985	.0016311	.2324584	.0081276	.000168
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064752	.2907068	1.464122	.0045505	181.8107	1.450429
Stddev	.0003494	.0474607	.033053	.0000712	.1669	.000717
%RSD	5.395358	16.32598	2.257521	1.563963	.0917978	.0494321
#1	.0067222	.3242666	1.440750	.0046008	181.9288	1.450936
#2	.0062281	.2571470	1.487494	.0045002	181.6927	1.449922
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208170-e-2-h Acquired: 11/29/2021 19:04:25 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025814	F 1193.349	.0151977	F -.005115	.0027162	.0017497
Stddev	.0004415	18.257	.0012653	.005148	.0006695	.0076685
%RSD	17.10458	1.529885	8.325970	100.6432	24.64817	438.2763
#1	.0028936	1206.258	.0160924	-.001475	.0031897	-.003673
#2	.0022692	1180.439	.0143029	-.008755	.0022428	.007172
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit		750.0000		100.0000		
Low Limit		-1.00000		-.005000		

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.988288	.0048365	.1735112	.0027135	.0001544	.0005753
Stddev	.006377	.0004150	.0007053	.0002224	.0003332	.0000149
%RSD	.3207144	8.581228	.4064862	8.196610	215.8727	2.587238
#1	1.992797	.0051300	.1740100	.0028707	.0003900	.0005648
#2	1.983779	.0045430	.1730125	.0025562	-.000081	.0005858
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0074737
Stddev	.0008854
%RSD	11.84692
#1	.0080997
#2	.0068476
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208170-e-2-h Acquired: 11/29/2021 19:04:25 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1322.610	742.5624	4464.331	1515.015
Stddev	1.146	1.2126	8.683	1.889
%RSD	.0866630	.1633034	.1944948	.1246703
#1	1323.420	741.7049	4458.191	1516.350
#2	1321.800	743.4198	4470.470	1513.679

Sample Name: 500-208170-e-3-f Acquired: 11/29/2021 19:07:43 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006674	.0559013	-.006019	.1436343	.6086373	-.000073
Stddev	.0003740	.0018492	.000712	.0001560	.0006487	.000072
%RSD	56.03542	3.308037	11.83314	.1086165	.1065865	97.37432
#1	.0009318	.0545937	-.005515	.1437447	.6081786	-.000124
#2	.0004030	.0572089	-.006522	.1435240	.6090960	-.000023
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014757	354.8614	.0019739	.1363547	-.000580	-.002723
Stddev	.001425	.6756	.0002788	.0180712	.000828	.001162
%RSD	9.653500	.1903981	14.12549	13.25305	142.6492	42.68608
#1	-.013749	355.3391	.0021710	.1235765	.000005	-.001901
#2	-.015764	354.3836	.0017767	.1491329	-.001166	-.003545
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061590	.2343428	.7565374	.0032147	181.4765	.9447658
Stddev	.0002607	.1067333	.0425625	.0002001	.4402	.0012726
%RSD	4.233238	45.54578	5.625956	6.223968	.2425452	.1347033
#1	.0063433	.3098147	.7866336	.0033562	181.7877	.9456657
#2	.0059746	.1588710	.7264411	.0030732	181.1653	.9438659
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208170-e-3-f Acquired: 11/29/2021 19:07:43 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024812	F 1184.620	.0036319	-.004467	.0034989	-.004808
Stddev	.0010948	5.265	.0018697	.000653	.0028782	.001728
%RSD	44.12507	.4444261	51.48155	14.62385	82.26117	35.93866
#1	.0032553	1180.897	.0049540	-.004005	.0055341	-.006030
#2	.0017070	1188.343	.0023098	-.004928	.0014637	-.003586
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.422006	.0034887	.1932174	.0030641	-.003882	-.000987
Stddev	.009631	.0020570	.0005329	.0002179	.002014	.000187
%RSD	.2814341	58.96066	.2758084	7.110923	51.89185	18.98284
#1	3.428816	.0049432	.1935943	.0029101	-.002458	-.001119
#2	3.415196	.0020342	.1928406	.0032182	-.005306	-.000854
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0067999
Stddev	.0008093
%RSD	11.90214
#1	.0073722
#2	.0062276
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208170-e-3-f Acquired: 11/29/2021 19:07:43 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1308.193	734.6392	4436.995	1542.434
Stddev	2.639	1.2169	29.736	5.442
%RSD	.2017127	.1656479	.6701771	.3528483
#1	1310.059	733.7787	4415.968	1538.586
#2	1306.327	735.4997	4458.021	1546.282

Sample Name: 500-208170-e-4-f Acquired: 11/29/2021 19:11:01 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019828	.1017983	-.002830	.1425646	.6641320	-.000013
Stddev	.0015127	.0087860	.001939	.0004941	.0040284	.000002
%RSD	76.29075	8.630795	68.51155	.3465728	.6065713	16.90430
#1	.0009132	.1080109	-.004201	.1429140	.6612835	-.000012
#2	.0030524	.0955856	-.001459	.1422153	.6669806	-.000015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014331	363.4862	.0014197	.1668361	-.000953	-.002099
Stddev	.000621	.2210	.0000537	.0274477	.000336	.002876
%RSD	4.336346	.0608073	3.783316	16.45187	35.21008	137.0428
#1	-.013892	363.3299	.0014576	.1474277	-.001190	-.004132
#2	-.014771	363.6425	.0013817	.1862446	-.000716	-.000065
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068432	.1041037	.7456434	.0030684	184.5879	.5591839
Stddev	.0003726	.0332634	.0045864	.0002094	.2034	.0051659
%RSD	5.445244	31.95217	.6150897	6.823062	.1102115	.9238278
#1	.0071066	.1276245	.7488864	.0029204	184.4441	.5555310
#2	.0065797	.0805830	.7424003	.0032164	184.7318	.5628367
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208170-e-4-f Acquired: 11/29/2021 19:11:01 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026058	F 1212.138	.0031666	.0229104	.0011529	-.002296
Stddev	.0001505	3.899	.0002292	.0013677	.0020428	.000991
%RSD	5.775858	.3216821	7.237489	5.969664	177.1931	43.13978
#1	.0024994	1214.895	.0030046	.0219433	.0025974	-.001596
#2	.0027122	1209.381	.0033287	.0238775	-.000292	-.002996
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.106884	.0043566	.2115998	.0028868	-.001296	.0000184
Stddev	.003679	.0000416	.0000611	.0004777	.001351	.0003286
%RSD	.0895699	.9541355	.0288936	16.54624	104.2071	1781.848
#1	4.104283	.0043860	.2116430	.0025491	-.000341	-.000214
#2	4.109485	.0043272	.2115566	.0032246	-.002251	.000251
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0066934
Stddev	.0002390
%RSD	3.570352
#1	.0065245
#2	.0068624
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208170-e-4-f Acquired: 11/29/2021 19:11:01 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1322.418	738.2524	4445.854	1523.804
Stddev	.782	2.3631	9.616	1.677
%RSD	.0591338	.3200977	.2163014	.1100721
#1	1322.971	739.9233	4439.054	1524.990
#2	1321.865	736.5814	4452.654	1522.618

Sample Name: 500-208170-e-5-h Acquired: 11/29/2021 19:14:19 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009463	.0548646	-.004187	.1345402	.1738412	-.000027
Stddev	.0009385	.0000690	.001982	.0003310	.0009470	.000114
%RSD	99.17248	.1258239	47.34259	.2459910	.5447785	413.9869
#1	.0002827	.0549134	-.005589	.1347742	.1745108	-.000108
#2	.0016100	.0548158	-.002785	.1343062	.1731715	.000053
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.017490	374.7376	.0017240	.1645178	.0023299	-.002154
Stddev	.000376	.0995	.0001534	.0717110	.0003505	.002105
%RSD	2.150456	.0265575	8.900145	43.58861	15.04501	97.71853
#1	-.017224	374.6672	.0016155	.1138105	.0020820	-.003643
#2	-.017756	374.8079	.0018325	.2152252	.0025777	-.000666
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063173	.1480159	.9908949	.0033948	193.8401	1.466020
Stddev	.0002593	.0043315	.0025722	.0003872	1.1505	.002678
%RSD	4.104766	2.926399	.2595826	11.40591	.5935468	.1826879
#1	.0065007	.1510788	.9927137	.0036686	194.6536	1.467913
#2	.0061339	.1449531	.9890761	.0031210	193.0265	1.464126
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208170-e-5-h Acquired: 11/29/2021 19:14:19 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020102	F 1189.392	.0205065	-.004151	.0008338	-.007937
Stddev	.0003995	6.384	.0012108	.000433	.0012016	.001716
%RSD	19.87289	.5367218	5.904405	10.42330	144.1084	21.62008
#1	.0017277	1193.906	.0213626	-.004457	.0016835	-.006724
#2	.0022927	1184.878	.0196503	-.003845	-.000016	-.009151
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.655924	.0024241	.1463031	.0027374	-.003513	-.000691
Stddev	.002374	.0023174	.0000436	.0000310	.004796	.000722
%RSD	.1433662	95.59902	.0297889	1.131757	136.4985	104.5126
#1	1.654245	.0040627	.1463339	.0027593	-.006904	-.001202
#2	1.657603	.0007854	.1462722	.0027155	-.000122	-.000180
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0021068
Stddev	.0002469
%RSD	11.71710
#1	.0022814
#2	.0019323
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208170-e-5-h Acquired: 11/29/2021 19:14:19 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1309.104	727.9371	4450.843	1526.355
Stddev	1.450	.2957	9.373	9.182
%RSD	.1107420	.0406160	.2105896	.6015760
#1	1310.129	727.7280	4444.216	1519.863
#2	1308.079	728.1462	4457.471	1532.848

Sample Name: CCV Acquired: 11/29/2021 19:17:38 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4925808**	**50.39280**	**.4947017**	**.4966774**	F **.5640352**	**.4874331**
Stddev	.0026871	.03421	.0045169	.0012601	.0015257	.0054185
%RSD	.5455139	.0678824	.9130497	.2537066	.2704932	1.111629
#1	.4944809	50.41698	.4915078	.4975684	.5629564	.4836017
#2	.4906808	50.36861	.4978956	.4957864	.5651140	.4912646
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value					.5000000	
Range					10.00000%	

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5119143**	**24.92708**	**.4965522**	F **.1912776**	**.5202415**	**.4702226**
Stddev	.0012570	.01388	.0016768	.0012777	.0004272	.0032891
%RSD	.2455482	.0556857	.3376987	.6679708	.0821117	.6994681
#1	.5128031	24.91726	.4953665	.1903742	.5199394	.4725483
#2	.5110254	24.93689	.4977379	.1921811	.5205436	.4678968
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5097706**	**25.12898**	**49.22802**	**4.009768**	**25.19112**	**5.150024**
Stddev	.0006526	.07226	.19239	.027007	.15236	.005555
%RSD	.1280077	.2875574	.3908173	.6735285	.6048056	.1078599
#1	.5102321	25.07788	49.09197	3.990671	25.08339	5.146096
#2	.5093092	25.18008	49.36406	4.028865	25.29886	5.153952
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/29/2021 19:17:38 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4812368**	**25.21792**	**.5171585**	**.5085868**	**.4782976**	**.4841101**
Stddev	.0010723	.07850	.0013277	.0025877	.0045968	.0036174
%RSD	.2228176	.3112731	.2567222	.5088089	.9610646	.7472191
#1	.4804786	25.16241	.5162197	.5104166	.4750472	.4815522
#2	.4819950	25.27342	.5180974	.5067570	.4815480	.4866679
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.5513976**	**.5200327**	**.4920932**	**.4916541**	**.4892165**	**4.823385**
Stddev	.0010972	.0008840	.0009146	.0005600	.0022021	.007932
%RSD	.1989854	.1699958	.1858672	.1139069	.4501233	.1644567
#1	.5506218	.5194076	.4927399	.4920501	.4876594	4.828994
#2	.5521734	.5206578	.4914464	.4912581	.4907737	4.817776
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	10.00000%					

Elem	Zn2062
Units	ppm
Avg	**.5290999**
Stddev	.0015141
%RSD	.2861686
#1	.5280292
#2	.5301705
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/29/2021 19:17:38 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1883.433	948.0026	5586.258	1156.940
Stddev	1.439	.0321	6.916	10.250
%RSD	.0764039	.0033900	.1238060	.8859643
#1	1882.415	947.9798	5581.367	1164.188
#2	1884.450	948.0253	5591.148	1149.692

Sample Name: CCB Acquired: 11/29/2021 19:20:44 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005408**	**.0872078**	**-.005010**	**.0003637**	**.0010917**	**-.000347**
Stddev	.0012057	.0345400	.001271	.0001723	.0004118	.000027
%RSD	222.9558	39.60657	25.37406	47.38184	37.72174	7.910082
#1	-.000312	.1116313	-.004111	.0004856	.0013829	-.000328
#2	.001393	.0627843	-.005908	.0002419	.0008005	-.000366
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003746**	**.0035992**	**.0000336**	F **.0491263**	**.0000209**	**-.000790**
Stddev	.0011648	.0171843	.0001643	.0164830	.0000556	.000075
%RSD	310.9775	477.4494	489.5654	33.55233	265.9346	9.512114
#1	-.000449	.0157504	.0001497	.0374710	.0000603	-.000737
#2	.001198	-.008552	-.000083	.0607815	-.000018	-.000843
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010872**	**.1053851**	**-.032186**	**.0003861**	**-.003157**	**.0013035**
Stddev	.0002711	.0189689	.000418	.0000032	.020104	.0006402
%RSD	24.93265	17.99959	1.299008	.8213943	636.8678	49.11416
#1	.0012789	.1187982	-.032481	.0003838	.011059	.0008508
#2	.0008955	.0919721	-.031890	.0003883	-.017372	.0017562
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/29/2021 19:20:44 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000284**	**.1482677**	**.0004382**	**-.000609**	**.0002132**	**-.000994**
Stddev	.000058	.0033136	.0004056	.000314	.0008230	.001992
%RSD	20.54806	2.234859	92.57187	51.60266	386.1185	200.4779
#1	-.000243	.1506107	.0007250	-.000387	-.000369	-.002403
#2	-.000325	.1459246	.0001513	-.000831	.000795	.000415
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000531**	**-.001617**	**-.000013**	**-.000004**	**-.001039**	**-.000254**
Stddev	.000767	.001438	.000013	.000105	.000553	.000110
%RSD	144.6491	88.94955	99.16815	2524.143	53.19345	43.14392
#1	.000012	-.002634	-.000004	-.000078	-.001430	-.000177
#2	-.001073	-.000600	-.000022	.000070	-.000648	-.000332
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**-.000600**
Stddev	.000324
%RSD	53.96272
#1	-.000371
#2	-.000829
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/29/2021 19:20:44 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2210.178	970.4783	5899.482	1100.888
Stddev	1.335	2.2003	33.001	15.665
%RSD	.0604234	.2267235	.5593920	1.422930
#1	2209.234	968.9224	5876.146	1089.812
#2	2211.123	972.0341	5922.817	1111.965

Sample Name: 500-208170-e-6-f Acquired: 11/29/2021 19:24:02 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010144**	**.0834172**	**-.005049**	**.1465334**	**.6541349**	**.0000559**
Stddev	.0006172	.0098517	.001455	.0002918	.0022891	.0001517
%RSD	60.85037	11.81010	28.82682	.1991199	.3499488	271.3597
#1	.0005779	.0903834	-.004020	.1467397	.6525163	-.000051
#2	.0014508	.0764511	-.006078	.1463271	.6557536	.000163
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.015540**	**418.5569**	**.0020875**	**.1262836**	**-.001407**	**-.002751**
Stddev	.001110	1.4334	.0006742	.0381799	.000139	.000926
%RSD	7.141152	.3424702	32.29526	30.23347	9.868899	33.67738
#1	-.014755	419.5705	.0025643	.0992863	-.001308	-.003406
#2	-.016325	417.5433	.0016108	.1532809	-.001505	-.002096
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0069223**	**.2115238**	**4.473370**	**.0034685**	**148.3730**	**.8148884**
Stddev	.0000057	.1171943	.023667	.0003626	.4787	.0046666
%RSD	.0819306	55.40480	.5290558	10.45389	.3226266	.5726646
#1	.0069263	.1286549	4.456635	.0032121	148.0345	.8181882
#2	.0069183	.2943927	4.490105	.0037249	148.7115	.8115887
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208170-e-6-f Acquired: 11/29/2021 19:24:02 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017340	F 1265.446	.0033577	-.000027	.0028745	-.002698
Stddev	.0002890	1.700	.0012892	.002042	.0009470	.002253
%RSD	16.66639	.1343665	38.39592	7545.908	32.94553	83.50540
#1	.0019383	1266.648	.0042693	-.001471	.0035442	-.004290
#2	.0015296	1264.244	.0024461	.001417	.0022049	-.001105
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.663508	.0034363	.2603119	.0022634	-.004065	.0002445
Stddev	.014000	.0008340	.0003685	.0001597	.000747	.0002913
%RSD	.3821455	24.27142	.1415597	7.054755	18.38529	119.1533
#1	3.653609	.0040260	.2605725	.0021505	-.003536	.0000385
#2	3.673407	.0028465	.2600513	.0023763	-.004593	.0004504
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0451614
Stddev	.0003113
%RSD	.6893793
#1	.0453815
#2	.0449412
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208170-e-6-f Acquired: 11/29/2021 19:24:02 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1294.697	727.3523	4437.535	1530.305
Stddev	2.699	1.6240	2.157	.465
%RSD	.2085039	.2232730	.0486190	.0303767
#1	1296.606	728.5007	4439.060	1530.633
#2	1292.788	726.2040	4436.009	1529.976

Sample Name: 500-208171-e-1-f Acquired: 11/29/2021 19:27:21 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016562	.0853180	-.003900	.1338621	.6674681	-.000262
Stddev	.0003337	.0125878	.000172	.0015778	.0020282	.000177
%RSD	20.15004	14.75403	4.412414	1.178704	.3038582	67.66693
#1	.0018921	.0942190	-.004022	.1349778	.6689022	-.000136
#2	.0014202	.0764171	-.003779	.1327464	.6660340	-.000387
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015618	99.74262	.0011475	.0924723	-.000901	-.001960
Stddev	.001214	.01757	.0001458	.0008567	.000533	.001008
%RSD	7.773826	.0176158	12.70517	.9263913	59.10676	51.45449
#1	-.016477	99.75505	.0012506	.0930781	-.001278	-.001247
#2	-.014760	99.73020	.0010444	.0918666	-.000525	-.002673
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061600	.1744251	.6686630	.0017353	31.17139	.0385003
Stddev	.0002081	.0295699	.0109576	.0002664	.00490	.0007233
%RSD	3.378641	16.95280	1.638735	15.35324	.0157197	1.878735
#1	.0060129	.1953342	.6764112	.0019237	31.16792	.0390117
#2	.0063072	.1535160	.6609148	.0015469	31.17485	.0379888
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208171-e-1-f Acquired: 11/29/2021 19:27:21 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014472	F 1169.501	.0020243	-.003558	.0026545	-.003080
Stddev	.0002729	15.718	.0013522	.000107	.0011152	.001531
%RSD	18.85592	1.343993	66.80124	2.995088	42.01164	49.71909
#1	.0012542	1158.387	.0010681	-.003633	.0018659	-.001997
#2	.0016401	1180.616	.0029805	-.003482	.0034430	-.004162
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.573463	.0045649	.1291589	.0037107	-.002517	.0001217
Stddev	.041567	.0007586	.0001651	.0001481	.002935	.0004434
%RSD	.6323530	16.61851	.1278483	3.990049	116.6102	364.2261
#1	6.602856	.0051013	.1290422	.0038154	-.004593	.0004352
#2	6.544070	.0040285	.1292757	.0036060	-.000442	-.000192
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0164957
Stddev	.0001980
%RSD	1.200588
#1	.0166358
#2	.0163557
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208171-e-1-f Acquired: 11/29/2021 19:27:21 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1395.040	767.3847	4619.153	1483.996
Stddev	7.281	6.9008	32.222	1.987
%RSD	.5219048	.8992686	.6975833	.1339071
#1	1389.891	762.5051	4641.938	1485.401
#2	1400.188	772.2644	4596.368	1482.591

Sample Name: 500-208171-e-2-f Acquired: 11/29/2021 19:30:40 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007198	.1246670	.0003178	.1248011	.4357481	-.000037
Stddev	.0000322	.0206320	.0016655	.0007344	.0045179	.000017
%RSD	4.473036	16.54971	524.0872	.5884732	1.036814	45.13915
#1	.0006970	.1392560	-.000860	.1242818	.4389427	-.000049
#2	.0007425	.1100779	.001495	.1253204	.4325535	-.000025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014709	50.29988	.0012132	.1220973	-.001125	-.002407
Stddev	.000748	.46161	.0000936	.0099306	.000127	.001789
%RSD	5.084533	.9177144	7.713664	8.133328	11.28096	74.30851
#1	-.015238	50.62629	.0012794	.1291192	-.001215	-.003672
#2	-.014181	49.97347	.0011470	.1150753	-.001035	-.001142
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081833	.2216639	3.570471	.0002247	15.95016	.0191977
Stddev	.0002933	.0438716	.042154	.0001244	.16507	.0008403
%RSD	3.584579	19.79196	1.180632	55.39829	1.034930	4.377101
#1	.0079759	.2526858	3.600279	.0001366	16.06688	.0197918
#2	.0083907	.1906420	3.540664	.0003127	15.83344	.0186035
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208171-e-2-f Acquired: 11/29/2021 19:30:40 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022393	F 1138.830	.0025487	F -.005816	.0014248	-.003463
Stddev	.0002337	23.881	.0001007	.004035	.0020714	.002800
%RSD	10.43804	2.096970	3.951869	69.37650	145.3826	80.87174
#1	.0024046	1155.716	.0024774	-.008669	.0028895	-.001483
#2	.0020741	1121.944	.0026199	-.002963	-.000040	-.005443
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit		750.0000		100.0000		
Low Limit		-1.00000		-.005000		

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.131787	.0053154	.0747094	.0029844	-.002461	.0010062
Stddev	.028259	.0010753	.0003414	.0002234	.001224	.0007261
%RSD	.5506624	20.23054	.4570031	7.486660	49.74481	72.16372
#1	5.111805	.0060758	.0744680	.0028264	-.003327	.0015196
#2	5.151769	.0045551	.0749508	.0031424	-.001595	.0004928
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0084191
Stddev	.0003742
%RSD	4.444978
#1	.0081544
#2	.0086837
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208171-e-2-f Acquired: 11/29/2021 19:30:40 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1422.690	786.7776	4704.515	1493.412
Stddev	6.549	3.0423	25.738	17.112
%RSD	.4603092	.3866769	.5470823	1.145844
#1	1427.321	788.9288	4722.714	1481.312
#2	1418.059	784.6263	4686.316	1505.512

Sample Name: 500-208171-e-3-f Acquired: 11/29/2021 19:34:00 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000192	.1157451	-.005706	.1347141	.8464380	-.000113
Stddev	.0004128	.0034268	.000865	.0008188	.0004183	.000212
%RSD	2145.831	2.960604	15.15499	.6077916	.0494226	187.8159
#1	.0003111	.1133220	-.005095	.1352931	.8467338	-.000263
#2	-.000273	.1181682	-.006318	.1341351	.8461422	.000037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015300	185.5909	.0016818	.1364315	-.000777	-.001453
Stddev	.000498	.4155	.0001044	.0182105	.000219	.000206
%RSD	3.254810	.2238751	6.207202	13.34772	28.11511	14.21146
#1	-.014948	185.2971	.0017556	.1493083	-.000623	-.001599
#2	-.015652	185.8847	.0016080	.1235548	-.000932	-.001307
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059039	.2049979	.6245653	.0019852	79.51858	.4106609
Stddev	.0000126	.0957796	.0142834	.0005630	.29069	.0005807
%RSD	.2143144	46.72225	2.286928	28.35694	.3655587	.1414053
#1	.0059128	.2727243	.6144655	.0015872	79.72412	.4110715
#2	.0058949	.1372714	.6346652	.0023833	79.31303	.4102503
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208171-e-3-f Acquired: 11/29/2021 19:34:00 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018663	F 1152.420	.0020976	-.002673	.0017177	-.000835
Stddev	.0001578	12.179	.0006862	.000021	.0017961	.000376
%RSD	8.456908	1.056842	32.71247	.7833167	104.5658	45.05471
#1	.0017547	1143.808	.0025828	-.002658	.0029877	-.000569
#2	.0019779	1161.032	.0016124	-.002688	.0004476	-.001101
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.801517	.0043316	.1921357	.0041157	-.004496	.0005969
Stddev	.016122	.0009778	.0017761	.0001472	.005617	.0001967
%RSD	.3357752	22.57440	.9244035	3.576242	124.9492	32.95050
#1	4.812918	.0050231	.1933916	.0040117	-.000524	.0004578
#2	4.790117	.0036402	.1908798	.0042198	-.008467	.0007360
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0194896
Stddev	.0002162
%RSD	1.109093
#1	.0196424
#2	.0193367
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208171-e-3-f Acquired: 11/29/2021 19:34:00 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1369.770	766.2122	4616.686	1496.497
Stddev	10.416	9.3604	44.654	5.999
%RSD	.7604126	1.221645	.9672403	.4008389
#1	1362.405	759.5934	4585.110	1500.739
#2	1377.135	772.8310	4648.261	1492.256

Sample Name: 500-208171-e-4-f Acquired: 11/29/2021 19:37:20 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006522	.1052565	-.008430	.1270761	.6379436	.0000855
Stddev	.0001817	.0221355	.002776	.0010478	.0015834	.0001391
%RSD	27.85739	21.03006	32.93134	.8245446	.2482011	162.6615
#1	.0005237	.0896043	-.006467	.1278170	.6368240	-.000013
#2	.0007807	.1209087	-.010393	.1263352	.6390632	.000184
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014102	89.67035	.0012255	.0906221	-.001069	-.001837
Stddev	.000332	.48064	.0001164	.0220878	.000387	.000702
%RSD	2.356427	.5360056	9.493913	24.37355	36.22006	38.19348
#1	-.013867	89.33049	.0013078	.1062406	-.000795	-.001341
#2	-.014337	90.01021	.0011433	.0750037	-.001343	-.002334
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062682	.1703034	.5598980	.0011409	33.80932	.0805839
Stddev	.0003283	.0102299	.0205530	.0000974	.05274	.0004987
%RSD	5.237285	6.006841	3.670841	8.539334	.1560049	.6188391
#1	.0060361	.1630698	.5453649	.0012098	33.84661	.0802313
#2	.0065003	.1775370	.5744312	.0010720	33.77202	.0809365
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208171-e-4-f Acquired: 11/29/2021 19:37:20 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012647	F 1097.940	.0006537	-.004398	.0019538	.0024435
Stddev	.0002154	18.716	.0007938	.001682	.0018535	.0010983
%RSD	17.03257	1.704647	121.4240	38.23536	94.86704	44.94584
#1	.0014171	1111.174	.0000924	-.005587	.0032645	.0016669
#2	.0011124	1084.706	.0012150	-.003209	.0006432	.0032201
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.366232	.0041189	.1224833	.0045297	-.003620	.0003978
Stddev	.011845	.0001462	.0001586	.0003100	.005651	.0009256
%RSD	.2207370	3.549420	.1295128	6.843205	156.1189	232.6582
#1	5.374608	.0042223	.1225954	.0047489	.000376	.0010523
#2	5.357856	.0040155	.1223711	.0043105	-.007616	-.000257
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0132286
Stddev	.0009875
%RSD	7.465157
#1	.0139269
#2	.0125303
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208171-e-4-f Acquired: 11/29/2021 19:37:20 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1414.282	783.9173	4632.153	1501.514
Stddev	3.042	3.8050	5.612	.274
%RSD	.2151118	.4853830	.1211503	.0182756
#1	1412.131	781.2268	4628.185	1501.708
#2	1416.433	786.6079	4636.122	1501.320

Sample Name: 500-208171-e-5-f Acquired: 11/29/2021 19:40:40 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007403	.1099001	-.005911	.1299877	.5014734	.0002713
Stddev	.0005666	.0125645	.001115	.0013181	.0027392	.0000339
%RSD	76.54280	11.43264	18.86847	1.014024	.5462374	12.51562
#1	.0003396	.1010157	-.005123	.1290557	.4995364	.0002472
#2	.0011410	.1187846	-.006700	.1309197	.5034103	.0002952
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015337	68.48285	.0011924	.0988724	-.001025	-.001140
Stddev	.000287	.27017	.0003769	.0508459	.000410	.000324
%RSD	1.872778	.3945024	31.61037	51.42574	39.98487	28.39714
#1	-.015134	68.67389	.0009259	.0629189	-.001314	-.001369
#2	-.015540	68.29182	.0014589	.1348259	-.000735	-.000911
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058892	.1277879	.4899954	.0009902	29.66584	.0612682
Stddev	.0001360	.0702389	.0354765	.0001725	.04655	.0004782
%RSD	2.309942	54.96520	7.240171	17.42245	.1569078	.7805485
#1	.0059854	.0781215	.4649097	.0008682	29.63293	.0609301
#2	.0057930	.1774542	.5150811	.0011122	29.69875	.0616064
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208171-e-5-f Acquired: 11/29/2021 19:40:40 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020842	F 1138.341	.0019863	-.004508	.0013199	-.001759
Stddev	.0006695	5.280	.0007939	.001804	.0017789	.003505
%RSD	32.12174	.4638530	39.96756	40.01461	134.7720	199.3427
#1	.0025576	1134.607	.0014249	-.005784	.0000621	-.004237
#2	.0016108	1142.075	.0025476	-.003233	.0025778	.000720
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.808331	.0041446	.1123784	.0034139	-.003029	.0001538
Stddev	.034580	.0020650	.0000452	.0000262	.001957	.0003051
%RSD	.5953563	49.82451	.0402129	.7683689	64.59701	198.3853
#1	5.783879	.0026844	.1124103	.0034324	-.001645	-.000062
#2	5.832783	.0056048	.1123464	.0033953	-.004412	.000370
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0131114
Stddev	.0005575
%RSD	4.252079
#1	.0127172
#2	.0135056
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208171-e-5-f Acquired: 11/29/2021 19:40:40 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1411.866	785.3490	4671.200	1492.137
Stddev	7.488	6.8366	7.854	4.661
%RSD	.5303538	.8705144	.1681333	.3123752
#1	1417.160	790.1832	4665.646	1495.433
#2	1406.571	780.5148	4676.753	1488.841

Sample Name: 500-208174-e-1-f Acquired: 11/29/2021 19:44:00 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007577	.2170139	-.001489	.1293543	.4242047	-.000210
Stddev	.0001848	.0055784	.001205	.0009306	.0020344	.000255
%RSD	24.38789	2.570504	80.94393	.7194169	.4795790	121.5062
#1	.0006271	.2209584	-.002341	.1286962	.4256432	-.000030
#2	.0008884	.2130694	-.000637	.1300123	.4227662	-.000391
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014135	48.79348	.0009809	.0743376	-.001097	.0000896
Stddev	.002435	.11258	.0000055	.0078273	.000535	.0017068
%RSD	17.22780	.2307269	.5643642	10.52941	48.74524	1905.366
#1	-.012413	48.71388	.0009849	.0688028	-.000719	-.001117
#2	-.015857	48.87309	.0009770	.0798723	-.001475	.001296
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063573	.3434418	.5645956	.0006333	19.44534	.0123949
Stddev	.0003642	.0068848	.0155526	.0001039	.14732	.0013001
%RSD	5.728773	2.004663	2.754640	16.41259	.7576014	10.48920
#1	.0060998	.3385735	.5535983	.0005598	19.54951	.0133143
#2	.0066149	.3483101	.5755930	.0007068	19.34117	.0114756
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208174-e-1-f Acquired: 11/29/2021 19:44:00 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018389	F 1110.265	.0006993	-.002412	.0001497	-.000937
Stddev	.0001797	9.128	.0000202	.002668	.0022579	.000808
%RSD	9.773990	.8221652	2.888151	110.6372	1508.211	86.19962
#1	.0017118	1103.811	.0006850	-.004298	.0017463	-.001509
#2	.0019660	1116.720	.0007136	-.000525	-.001447	-.000366
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.607380	.0028629	.0882905	.0053048	-.000281	.0007883
Stddev	.030074	.0009641	.0002412	.0000113	.000845	.0006851
%RSD	.4551508	33.67629	.2732208	.2135149	300.8694	86.90435
#1	6.586115	.0035446	.0884611	.0052968	-.000878	.0003039
#2	6.628645	.0021812	.0881199	.0053128	.000317	.0012728
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0081284
Stddev	.0001299
%RSD	1.598230
#1	.0080365
#2	.0082203
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208174-e-1-f Acquired: 11/29/2021 19:44:00 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1438.850	807.4956	4720.761	1486.132
Stddev	4.079	3.5217	4.808	8.662
%RSD	.2834982	.4361223	.1018417	.5828850
#1	1441.735	809.9858	4717.362	1480.006
#2	1435.966	805.0054	4724.161	1492.257

Sample Name: 500-208174-e-2-f Acquired: 11/29/2021 19:47:20 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006528	1.434598	-.002152	.1707385	.6653409	-.000003
Stddev	.0007187	.025622	.004265	.0000203	.0054017	.000092
%RSD	110.0837	1.786025	198.2014	.0118937	.8118729	3232.457
#1	.0011610	1.452716	.000864	.1707529	.6691605	-.000068
#2	.0001447	1.416481	-.005168	.1707242	.6615213	.000062
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016920	118.2612	.0012953	.0997937	-.000462	.0007383
Stddev	.002443	.6136	.0002186	.0554668	.000491	.0009907
%RSD	14.43702	.5188711	16.87940	55.58146	106.3321	134.1848
#1	-.015192	117.8273	.0011407	.1390146	-.000115	.0000378
#2	-.018647	118.6951	.0014499	.0605728	-.000809	.0014389
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074201	1.127167	1.362434	.0018616	45.34086	.1085507
Stddev	.0002474	.165015	.007057	.0002967	.20694	.0002341
%RSD	3.334296	14.63979	.5179529	15.93953	.4564116	.2156980
#1	.0072451	1.010484	1.357444	.0016518	45.48719	.1087163
#2	.0075950	1.243850	1.367424	.0020714	45.19453	.1083851
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208174-e-2-f Acquired: 11/29/2021 19:47:20 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015717	F 1179.150	.0048183	.0006522	.0031747	-.000899
Stddev	.0001788	3.406	.0003803	.0002809	.0022790	.006187
%RSD	11.37469	.2888627	7.891696	43.07287	71.78513	688.5031
#1	.0016981	1176.742	.0045494	.0004535	.0047862	-.005273
#2	.0014453	1181.559	.0050872	.0008508	.0015632	.003476
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.530922	.0050189	.1346870	.0338882	-.003061	.0039649
Stddev	.020705	.0005103	.0000390	.0003446	.002241	.0018754
%RSD	.2427098	10.16739	.0289491	1.016982	73.22001	47.29965
#1	8.516281	.0046580	.1347146	.0341318	-.004646	.0026388
#2	8.545563	.0053797	.1346594	.0336445	-.001476	.0052910
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0379346
Stddev	.0011146
%RSD	2.938128
#1	.0387227
#2	.0371465
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208174-e-2-f Acquired: 11/29/2021 19:47:20 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1381.884	779.4394	4647.271	1478.722
Stddev	3.052	2.5954	4.453	1.568
%RSD	.2208775	.3329792	.0958244	.1060582
#1	1379.726	781.2746	4644.122	1477.613
#2	1384.042	777.6042	4650.420	1479.831

Sample Name: 500-208174-e-3-f Acquired: 11/29/2021 19:50:39 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005315	.3045331	-.005599	.1493137	.4952262	-.000084
Stddev	.0001672	.0410485	.004029	.0006170	.0008496	.000220
%RSD	31.46294	13.47917	71.95116	.4132384	.1715482	261.9907
#1	.0004132	.3335588	-.008448	.1497500	.4958269	-.000239
#2	.0006497	.2755073	-.002750	.1488774	.4946255	.000072
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013187	97.51798	.0011915	.0947915	-.000768	-.003038
Stddev	.000127	1.40711	.0000928	.0316116	.000324	.001266
%RSD	.9617468	1.442923	7.786890	33.34857	42.23994	41.67855
#1	-.013277	96.52301	.0012572	.0724387	-.000539	-.003933
#2	-.013098	98.51296	.0011259	.1171443	-.000997	-.002143
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079170	.3237314	3.818569	.0010716	35.90448	.0496364
Stddev	.0004061	.0149047	.036051	.0004217	.07387	.0000830
%RSD	5.129276	4.604016	.9441057	39.35693	.2057391	.1673135
#1	.0082042	.3131922	3.844062	.0013698	35.85224	.0496952
#2	.0076299	.3342706	3.793077	.0007734	35.95671	.0495777
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208174-e-3-f Acquired: 11/29/2021 19:50:39 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013526	F 1134.490	.0031148	-.001468	.0035240	-.001970
Stddev	.0002577	7.178	.0012078	.000429	.0018285	.001092
%RSD	19.05439	.6326960	38.77630	29.21535	51.88789	55.43047
#1	.0011704	1139.565	.0039688	-.001771	.0048170	-.002742
#2	.0015349	1129.414	.0022608	-.001165	.0022311	-.001198
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.214237	-.000720	.1215954	.0082210	-.000391	.0012267
Stddev	.000979	.001481	.0002497	.0005244	.001662	.0001785
%RSD	.0157482	205.7658	.2053348	6.379182	424.9742	14.54839
#1	6.213545	-.001767	.1217719	.0078501	.000784	.0013529
#2	6.214929	.000327	.1214188	.0085918	-.001566	.0011005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0269365
Stddev	.0008872
%RSD	3.293536
#1	.0275638
#2	.0263092
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208174-e-3-f Acquired: 11/29/2021 19:50:39 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1398.247	784.9067	4653.190	1506.883
Stddev	.245	.0277	7.416	3.598
%RSD	.0174901	.0035265	.1593657	.2387563
#1	1398.420	784.9263	4647.946	1509.427
#2	1398.075	784.8872	4658.433	1504.339

Sample Name: 500-208174-e-4-f Acquired: 11/29/2021 19:53:59 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0011162**	**.0899329**	**-.004810**	**.1403573**	**.6011404**	**.0001343**
Stddev	.0026439	.0116043	.004928	.0004899	.0014755	.0000585
%RSD	236.8583	12.90325	102.4396	.3490011	.2454469	43.56132
#1	.0029857	.0817275	-.008295	.1407037	.6000971	.0000929
#2	-.000753	.0981384	-.001326	.1400109	.6021837	.0001756
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.008588**	**161.0697**	**.0010750**	**.1134919**	**-.000695**	**-.001944**
Stddev	.001257	1.2552	.0003875	.0250108	.000620	.000703
%RSD	14.64155	.7792940	36.04692	22.03752	89.14388	36.13969
#1	-.007699	161.9572	.0008010	.1311772	-.001134	-.001448
#2	-.009477	160.1821	.0013491	.0958066	-.000257	-.002441
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0058876**	**.1702400**	**3.065548**	**.0016710**	**69.06466**	**.1806760**
Stddev	.0000296	.0491344	.023827	.0000480	.01184	.0015654
%RSD	.5022041	28.86183	.7772439	2.871354	.0171494	.8663994
#1	.0059085	.2049833	3.048700	.0017050	69.05629	.1817829
#2	.0058667	.1354968	3.082396	.0016371	69.07304	.1795691
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208174-e-4-f Acquired: 11/29/2021 19:53:59 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006609	F 1159.743	.0044301	-.003414	.0014766	-.003084
Stddev	.0006417	11.368	.0012720	.001199	.0000026	.000426
%RSD	97.09594	.9802108	28.71335	35.10986	.1760634	13.81597
#1	.0002071	1167.781	.0035306	-.004262	.0014784	-.002782
#2	.0011146	1151.704	.0053295	-.002567	.0014747	-.003385
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.446779	.0003581	.1626362	.0034451	-.000313	-.000344
Stddev	.017262	.0015098	.0006054	.0002303	.001381	.000126
%RSD	.3169179	421.5981	.3722301	6.684041	441.8165	36.66355
#1	5.458985	.0014257	.1622081	.0032823	-.001290	-.000255
#2	5.434574	-.000709	.1630643	.0036079	.000664	-.000434
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0267658
Stddev	.0007674
%RSD	2.867232
#1	.0273084
#2	.0262231
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208174-e-4-f Acquired: 11/29/2021 19:53:59 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1377.014	776.1866	4620.164	1526.641
Stddev	10.098	7.1837	57.551	4.298
%RSD	.7333336	.9255061	1.245648	.2815598
#1	1369.874	771.1070	4660.859	1523.601
#2	1384.155	781.2662	4579.469	1529.680

Sample Name: CCV Acquired: 11/29/2021 19:57:19 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4936527**	**50.67810**	**.5001714**	**.5014920**	F **.5757264**	**.4777075**
Stddev	.0029469	.15139	.0024131	.0008165	.0005157	.0003058
%RSD	.5969685	.2987203	.4824593	.1628138	.0895679	.0640209
#1	.4957365	50.78515	.4984650	.5009146	.5753618	.4779237
#2	.4915689	50.57106	.5018777	.5020693	.5760910	.4774912
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value					.5000000	
Range					10.00000%	

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5156567**	**24.61021**	**.5031696**	F **.1710452**	**.5213326**	**.4726597**
Stddev	.0039153	.05670	.0024345	.0166388	.0029619	.0009988
%RSD	.7592894	.2303895	.4838363	9.727744	.5681467	.2113070
#1	.5128881	24.65030	.5014481	.1828107	.5192382	.4719535
#2	.5184252	24.57012	.5048911	.1592798	.5234270	.4733660
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5093359**	**24.67182**	**49.87064**	**4.111654**	**24.95932**	**5.007972**
Stddev	.0000395	.01838	.03730	.000043	.02255	.003589
%RSD	.0077465	.0744959	.0747998	.0010509	.0903451	.0716572
#1	.5093080	24.65882	49.89702	4.111685	24.97526	5.010510
#2	.5093638	24.68482	49.84426	4.111624	24.94337	5.005435
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/29/2021 19:57:19 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4856779**	**25.67356**	**.5169578**	**.5145202**	**.4841657**	**.4932223**
Stddev	.0014960	.00123	.0031644	.0051808	.0001301	.0021078
%RSD	.3080225	.0047924	.6121119	1.006926	.0268755	.4273453
#1	.4846201	25.67444	.5147202	.5108568	.4840737	.4917319
#2	.4867357	25.67270	.5191953	.5181836	.4842577	.4947127
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.5676896**	**.5245761**	**.4920842**	**.4912870**	**.4938128**	**4.827967**
Stddev	.0002686	.0047385	.0014919	.0022014	.0049633	.012834
%RSD	.0473172	.9032953	.3031886	.4480904	1.005095	.2658190
#1	.5674997	.5212255	.4931392	.4928436	.4903033	4.837042
#2	.5678796	.5279267	.4910292	.4897303	.4973224	4.818892
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	10.00000%					

Elem	Zn2062
Units	ppm
Avg	**.5273207**
Stddev	.0052919
%RSD	1.003543
#1	.5235788
#2	.5310626
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/29/2021 19:57:19 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1863.652	931.1927	5575.310	1141.010
Stddev	1.489	1.4419	7.173	1.114
%RSD	.0798972	.1548415	.1286613	.0976074
#1	1864.705	930.1732	5570.237	1141.798
#2	1862.600	932.2123	5580.382	1140.223

Sample Name: CCB Acquired: 11/29/2021 20:00:25 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004736	.1283368	-.003976	.0002302	.0001929	-.000033
Stddev	.0001844	.0252591	.001755	.0001517	.0002636	.000016
%RSD	38.93652	19.68185	44.13907	65.87896	136.6600	48.17098
#1	.0003432	.1461977	-.002735	.0001230	.0003793	-.000044
#2	.0006040	.1104760	-.005217	.0003375	.0000065	-.000022
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004251	-.000560	.0001939	F .0880962	-.000020	-.000134
Stddev	.0000267	.003991	.0002118	.0177523	.000421	.001094
%RSD	6.278576	713.1055	109.2777	20.15099	2136.874	818.6067
#1	.0004062	.002263	.0000441	.0755435	.000278	-.000907
#2	.0004440	-.003382	.0003436	.1006490	-.000317	.000640
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013386	.1588129	-.034265	.0007123	.0071562	-.000265
Stddev	.0000808	.0548228	.000328	.0005008	.0036950	.000649
%RSD	6.035801	34.52036	.9585989	70.30474	51.63334	244.7858
#1	.0013957	.1200474	-.034497	.0010664	.0097690	.000194
#2	.0012814	.1975785	-.034032	.0003582	.0045435	-.000724
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/29/2021 20:00:25 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000023**	**.1900310**	**.0009268**	**.0004140**	**-.000581**	**-.002185**
Stddev	.000478	.0075456	.0000991	.0013014	.002922	.000747
%RSD	2041.349	3.970720	10.69363	314.3640	503.0849	34.21309
#1	.000314	.1846955	.0009969	.0013342	-.002647	-.001656
#2	-.000361	.1953665	.0008567	-.000506	.001485	-.002713
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0056032**	**-.002010**	**-.000022**	**-.000020**	**-.000217**	**.0002427**
Stddev	.0012043	.001192	.000014	.000055	.000459	.0007233
%RSD	21.49295	59.31440	64.74068	276.6664	212.0572	298.0361
#1	.0064548	-.001167	-.000012	-.000059	.000108	-.000269
#2	.0047516	-.002853	-.000032	.000019	-.000541	.000754
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**-.000555**
Stddev	.000213
%RSD	38.31997
#1	-.000706
#2	-.000405
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/29/2021 20:00:25 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2210.022	968.3377	5859.889	1082.719
Stddev	13.597	7.1001	3.490	7.011
%RSD	.6152632	.7332254	.0595624	.6475611
#1	2219.637	973.3582	5857.421	1077.761
#2	2200.407	963.3171	5862.357	1087.677

Sample Name: 500-208176-e-1-f Acquired: 11/29/2021 20:03:44 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022503	.1059437	-.004315	.1373626	.5435405	.0000171
Stddev	.0010176	.0176358	.002983	.0003975	.0002018	.0000374
%RSD	45.22122	16.64635	69.13962	.2894005	.0371175	219.1174
#1	.0029699	.0934734	-.006425	.1370815	.5433979	.0000435
#2	.0015308	.1184141	-.002206	.1376437	.5436832	-.000009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013667	73.74339	.0009564	.0863303	-.001265	-.000863
Stddev	.001270	.30426	.0004332	.0185565	.000026	.000347
%RSD	9.288883	.4125915	45.29491	21.49475	2.081189	40.27741
#1	-.012770	73.52825	.0012627	.0994517	-.001284	-.000617
#2	-.014565	73.95853	.0006501	.0732089	-.001247	-.001108
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061429	.1401990	.6663192	.0013718	32.44325	.0658418
Stddev	.0003306	.0084648	.0152560	.0001618	.00374	.0011289
%RSD	5.381124	6.037679	2.289589	11.79393	.0115184	1.714584
#1	.0059092	.1342135	.6555316	.0012574	32.44589	.0650435
#2	.0063766	.1461845	.6771068	.0014862	32.44061	.0666401
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208176-e-1-f Acquired: 11/29/2021 20:03:44 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012152	F 1162.033	.0019454	-.004309	.0016500	-.002120
Stddev	.0004216	.629	.0014841	.002976	.0004309	.001856
%RSD	34.69466	.0541462	76.28821	69.07043	26.11783	87.56323
#1	.0009171	1162.478	.0008960	-.006413	.0013453	-.000807
#2	.0015133	1161.588	.0029948	-.002204	.0019548	-.003433
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.053503	.0036070	.1286898	.0035359	.0029368	.0002997
Stddev	.032177	.0009270	.0004558	.0005080	.0014107	.0006872
%RSD	.5315503	25.70024	.3542040	14.36639	48.03410	229.2560
#1	6.030750	.0042625	.1283675	.0031767	.0019393	-.000186
#2	6.076256	.0029515	.1290121	.0038951	.0039343	.000786
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0098406
Stddev	.0014383
%RSD	14.61635
#1	.0108577
#2	.0088235
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208176-e-1-f Acquired: 11/29/2021 20:03:44 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1402.061	775.9911	4672.164	1510.967
Stddev	2.221	1.2341	17.386	2.183
%RSD	.1584105	.1590294	.3721086	.1444836
#1	1403.632	776.8638	4684.457	1512.511
#2	1400.491	775.1185	4659.870	1509.424

Sample Name: 500-208176-e-2-f Acquired: 11/29/2021 20:07:04 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009380	.2405259	-.004949	.1432184	.5113417	.0001068
Stddev	.0005573	.0059849	.003702	.0001950	.0000976	.0001864
%RSD	59.41612	2.488266	74.81355	.1361805	.0190883	174.4787
#1	.0005439	.2447579	-.002331	.1430805	.5114108	-.000025
#2	.0013320	.2362939	-.007567	.1433563	.5112727	.000239
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013349	61.63168	.0007819	.1390572	-.001187	-.000289
Stddev	.002162	.05833	.0001136	.0807387	.000261	.000279
%RSD	16.19938	.0946397	14.52262	58.06148	21.96786	96.53552
#1	-.011820	61.67292	.0007016	.0819663	-.001003	-.000092
#2	-.014878	61.59043	.0008622	.1961480	-.001372	-.000486
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064190	.2293544	.5710055	.0011960	20.92083	.0390663
Stddev	.0002552	.0227160	.0216499	.0002974	.10731	.0004453
%RSD	3.975381	9.904340	3.791545	24.86469	.5129353	1.139821
#1	.0062386	.2454171	.5863143	.0014063	20.99671	.0393811
#2	.0065995	.2132918	.5556967	.0009857	20.84495	.0387514
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208176-e-2-f Acquired: 11/29/2021 20:07:04 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014443	F 1182.835	.0027502	-.002354	.0023900	-.002361
Stddev	.0001837	2.296	.0003458	.001070	.0000817	.002827
%RSD	12.71975	.1940752	12.57491	45.43985	3.416704	119.7654
#1	.0013144	1181.211	.0029948	-.003110	.0023322	-.004360
#2	.0015742	1184.458	.0025057	-.001598	.0024477	-.000362
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.215537	.0048427	.1069890	.0058802	-.004283	-.000579
Stddev	.054583	.0005651	.0000738	.0003176	.000252	.000005
%RSD	.8781687	11.66877	.0689341	5.401842	5.886039	.8755194
#1	6.176941	.0044431	.1070411	.0061048	-.004461	-.000583
#2	6.254133	.0052423	.1069368	.0056556	-.004104	-.000576
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0121012
Stddev	.0000363
%RSD	.2998745
#1	.0121269
#2	.0120755
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208176-e-2-f Acquired: 11/29/2021 20:07:04 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1397.718	781.5828	4675.673	1510.825
Stddev	.100	1.1462	13.522	6.666
%RSD	.0071532	.1466529	.2891950	.4411844
#1	1397.789	780.7723	4666.112	1506.112
#2	1397.648	782.3933	4685.235	1515.538

Sample Name: 500-208176-e-3-h Acquired: 11/29/2021 20:10:23 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017561	.2148806	-.006264	.1429505	.4987577	-.000108
Stddev	.0005448	.0211012	.002058	.0015744	.0003352	.000016
%RSD	31.02540	9.819949	32.85248	1.101387	.0671986	14.69226
#1	.0021414	.1999598	-.004808	.1418372	.4985207	-.000119
#2	.0013709	.2298013	-.007719	.1440638	.4989947	-.000097
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008905	47.03928	.0008360	.0978995	-.001303	-.001568
Stddev	.000486	.36174	.0000651	.0103322	.000201	.001879
%RSD	5.462589	.7690096	7.786331	10.55385	15.46070	119.8002
#1	-.009249	47.29506	.0007899	.1052055	-.001160	-.002897
#2	-.008561	46.78349	.0008820	.0905936	-.001445	-.000240
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056318	.2898746	.6278728	.0008878	15.96372	.0164245
Stddev	.0001802	.0397372	.0272883	.0003582	.04832	.0002027
%RSD	3.200235	13.70841	4.346146	40.34366	.3027127	1.234000
#1	.0057592	.2617762	.6471685	.0011410	15.92955	.0162811
#2	.0055043	.3179730	.6085771	.0006345	15.99789	.0165678
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208176-e-3-h Acquired: 11/29/2021 20:10:23 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010602	F 1137.889	.0002636	-.003183	.0017588	-.003319
Stddev	.0001278	14.719	.0008568	.002783	.0026201	.001738
%RSD	12.05511	1.293575	325.0021	87.45099	148.9747	52.36949
#1	.0011505	1148.297	-.000342	-.005151	-.000094	-.002090
#2	.0009698	1127.481	.000870	-.001215	.003612	-.004548
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.876567	.0014531	.0785070	.0064429	-.000418	.0004357
Stddev	.064919	.0000886	.0001480	.0002805	.000174	.0012847
%RSD	1.104703	6.097005	.1884832	4.354027	41.72775	294.8647
#1	5.830662	.0013905	.0784024	.0066412	-.000541	-.000473
#2	5.922471	.0015157	.0786116	.0062445	-.000294	.001344
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0081739
Stddev	.0000800
%RSD	.9786335
#1	.0081173
#2	.0082304
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208176-e-3-h Acquired: 11/29/2021 20:10:23 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1408.366	794.4765	4679.058	1529.697
Stddev	7.995	5.4461	16.152	6.571
%RSD	.5676742	.6854982	.3451987	.4295601
#1	1414.019	798.3275	4690.479	1525.051
#2	1402.713	790.6255	4667.637	1534.344

Sample Name: 500-208176-e-4-f Acquired: 11/29/2021 20:13:43 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007998	.1319163	-.002368	.1298396	.5239248	.0000343
Stddev	.0005776	.0364226	.002249	.0004319	.0014893	.0000263
%RSD	72.21292	27.61041	94.96683	.3326291	.2842620	76.59536
#1	.0012083	.1576710	-.000778	.1301449	.5228717	.0000528
#2	.0003914	.1061616	-.003958	.1295342	.5249780	.0000157
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.014330	56.67955	.0009243	.1054302	-.000947	-.000970
Stddev	.000588	.05941	.0001830	.0328594	.000059	.000546
%RSD	4.105267	.1048251	19.79929	31.16693	6.280244	56.28926
#1	-.014746	56.63754	.0007949	.1286653	-.000905	-.001357
#2	-.013914	56.72156	.0010537	.0821952	-.000989	-.000584
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061988	.2597273	.4985886	.0007825	21.83125	.0216960
Stddev	.0003049	.1913410	.0115423	.0001654	.05015	.0000773
%RSD	4.918878	73.66995	2.314993	21.14122	.2297288	.3562810
#1	.0064144	.3950258	.4904269	.0008995	21.79579	.0216414
#2	.0059832	.1244288	.5067502	.0006655	21.86671	.0217507
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208176-e-4-f Acquired: 11/29/2021 20:13:43 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011654	F 1168.358	.0022826	-.003673	.0023953	-.000206
Stddev	.0002138	14.441	.0003492	.001451	.0007920	.000590
%RSD	18.34724	1.235972	15.29973	39.49230	33.06454	286.5965
#1	.0010142	1158.147	.0020357	-.004699	.0018353	-.000623
#2	.0013166	1178.569	.0025296	-.002648	.0029553	.000211
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.823320	.0018870	.0933834	.0038748	-.004280	.0004465
Stddev	.022144	.0004097	.0002383	.0001654	.001036	.0007034
%RSD	.3802563	21.70875	.2551699	4.268203	24.20848	157.5246
#1	5.838978	.0015973	.0932149	.0037579	-.005013	-.000051
#2	5.807662	.0021767	.0935519	.0039917	-.003548	.000944
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0034006
Stddev	.0014800
%RSD	43.52242
#1	.0023541
#2	.0044472
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208176-e-4-f Acquired: 11/29/2021 20:13:43 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1406.556	785.3293	4649.704	1519.388
Stddev	10.927	6.3074	16.035	5.819
%RSD	.7768284	.8031522	.3448518	.3829547
#1	1398.830	780.8693	4661.042	1523.502
#2	1414.282	789.7893	4638.366	1515.273

Sample Name: 500-208176-e-5-f Acquired: 11/29/2021 20:17:03 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006545**	**.0809206**	**-.003398**	**.1486032**	**.7876560**	**-.000004**
Stddev	.0005329	.0391385	.001699	.0016211	.0029468	.000136
%RSD	81.41983	48.36650	50.01496	1.090914	.3741276	3242.911
#1	.0002777	.1085957	-.002196	.1497495	.7897397	.000092
#2	.0010313	.0532455	-.004599	.1474569	.7855723	-.000101
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.008191**	**240.0358**	**.0022902**	**.1313549**	**.0003310**	**-.002345**
Stddev	.000278	1.2486	.0000901	.0067118	.0009076	.000405
%RSD	3.393528	.5201617	3.934463	5.109681	274.1855	17.28785
#1	-.008388	240.9187	.0022265	.1361009	-.000311	-.002058
#2	-.007994	239.1530	.0023539	.1266089	.000973	-.002632
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0070409**	**.1434556**	**.8948446**	**.0023593**	**103.8630**	**.4445645**
Stddev	.0000369	.0365310	.0246049	.0003111	.5500	.0051436
%RSD	.5243927	25.46504	2.749626	13.18530	.5295209	1.156989
#1	.0070147	.1176243	.8774463	.0021394	104.2518	.4482015
#2	.0070670	.1692870	.9122429	.0025793	103.4741	.4409274
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208176-e-5-f Acquired: 11/29/2021 20:17:03 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013103	F 1187.837	.0052966	-.003169	.0017574	-.001722
Stddev	.0003627	10.627	.0015391	.003483	.0017867	.001744
%RSD	27.68123	.8946610	29.05799	109.9035	101.6676	101.2475
#1	.0010538	1195.352	.0042083	-.000706	.0004940	-.002956
#2	.0015667	1180.323	.0063849	-.005632	.0030207	-.000489
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		750.0000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.917493	.0040791	.1792627	.0037064	-.003960	.0002215
Stddev	.008665	.0026227	.0000940	.0001945	.002767	.0000446
%RSD	.1762140	64.29500	.0524635	5.247129	69.87557	20.11473
#1	4.923620	.0059336	.1793292	.0038439	-.002003	.0002531
#2	4.911366	.0022246	.1791962	.0035689	-.005916	.0001900
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0349667
Stddev	.0001798
%RSD	.5141482
#1	.0348395
#2	.0350938
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208176-e-5-f Acquired: 11/29/2021 20:17:03 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1347.155	763.5898	4508.058	1552.649
Stddev	10.234	8.0085	9.555	5.189
%RSD	.7596601	1.048796	.2119556	.3342131
#1	1339.918	757.9270	4514.815	1548.979
#2	1354.391	769.2527	4501.302	1556.318

Sample Name: mb 500-631230/1-a Acquired: 11/29/2021 20:20:42 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022240	.1923442	-.005922	-.001026	.0017750	-.000248	-.011878
Stddev	.0002550	.0186421	.001527	.000028	.0003019	.000241	.001864
%RSD	11.46762	9.692053	25.79237	2.743425	17.00996	96.88084	15.69081
#1	.0024043	.1791623	-.007002	-.001006	.0019885	-.000419	-.013196
#2	.0020436	.2055262	-.004842	-.001046	.0015615	-.000078	-.010560
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0707236	.0006466	.1432587	-.000713	.0092855	.0019559	.4275693
Stddev	.0088285	.0001655	.0093615	.000039	.0000903	.0001082	.1999963
%RSD	12.48314	25.59963	6.534699	5.498316	.9727034	5.530267	46.77519
#1	.0769664	.0005295	.1366391	-.000686	.0093494	.0018794	.2861505
#2	.0644809	.0007636	.1498783	-.000741	.0092216	.0020324	.5689881
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.059611	.0013825	-.003907	.0009083	.0014163	.5084960	.0000333
Stddev	.009637	.0000568	.031695	.0000276	.0001286	.0331608	.0000968
%RSD	16.16718	4.112391	811.2548	3.038048	9.076491	6.521345	290.5115
#1	-.066426	.0014227	-.026319	.0009278	.0015072	.5319442	.0001018
#2	-.052797	.0013423	.018505	.0008888	.0013254	.4850478	-.000035
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: mb 500-631230/1-a Acquired: 11/29/2021 20:20:42 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003268	.0034382	-.006476	.0416639	.0157325	.0001478	.0004384
Stddev	.000921	.0002606	.001293	.0023629	.0002796	.0000051	.0002647
%RSD	28.18674	7.580445	19.97296	5.671379	1.777509	3.452694	60.37905
#1	-.002617	.0032539	-.005561	.0433348	.0159302	.0001442	.0006255
#2	-.003920	.0036224	-.007391	.0399931	.0155347	.0001515	.0002512
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.002414	.0002481	.0016988
Stddev	.000917	.0006210	.0007976
%RSD	38.01062	250.2669	46.94953
#1	-.001765	.0006873	.0011348
#2	-.003062	-.000191	.0022628
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2111.177	920.5502	5726.267	910.2352
Stddev	24.845	12.6619	15.130	.3314
%RSD	1.176848	1.375472	.2642223	.0364098
#1	2093.608	911.5969	5736.965	910.4695
#2	2128.745	929.5035	5715.568	910.0008

Sample Name: Ics 500-631230/2-a Acquired: 11/29/2021 20:24:00 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0436734	2.045187	.0839523	.8062116	1.999347	.0480056	.4284859
Stddev	.0004253	.005153	.0000341	.0138561	.015027	.0003847	.0078602
%RSD	.9738991	.2519549	.0405953	1.718673	.7516141	.8014433	1.834407
#1	.0439742	2.048831	.0839282	.8160093	1.988721	.0477336	.4340439
#2	.0433726	2.041544	.0839764	.7964138	2.009973	.0482777	.4229279
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.064137	.0446699	.0888585	.4628580	.1896657	.2457256	1.318817
Stddev	.006719	.0009882	.0467840	.0082360	.0001993	.0051368	.114391
%RSD	.0741268	2.212213	52.64997	1.779383	.1050573	2.090457	8.673781
#1	9.059386	.0453687	.1219397	.4686818	.1898066	.2493578	1.399704
#2	9.068888	.0439711	.0557772	.4570343	.1895248	.2420933	1.237930
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.967033	.5149439	9.417894	.4538155	.9779137	9.843284	.4665195
Stddev	.070266	.0039231	.012025	.0025265	.0208873	.047289	.0082344
%RSD	.7835989	.7618506	.1276826	.5567157	2.135904	.4804238	1.765065
#1	8.917348	.5121698	9.409391	.4556019	.9926833	9.809846	.4723421
#2	9.016718	.5177179	9.426397	.4520290	.9631442	9.876723	.4606969
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: lcs 500-631230/2-a Acquired: 11/29/2021 20:24:00 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0857450	.4721490	.0764658	3.420853	.9328828	.9291546	.9588920
Stddev	.0000819	.0094535	.0000810	.073810	.0186445	.0124418	.0058041
%RSD	.0955677	2.002220	.1059448	2.157641	1.998592	1.339045	.6052894
#1	.0856871	.4788336	.0765231	3.473044	.9460665	.9379523	.9629961
#2	.0858030	.4654644	.0764086	3.368662	.9196992	.9203569	.9547879
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0831733	.4707588	.4626082
Stddev	.0004488	.0006998	.0071978
%RSD	.5396403	.1486503	1.555913
#1	.0828559	.4712536	.4676978
#2	.0834906	.4702640	.4575186
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1979.452	915.7948	5662.197	1000.904
Stddev	27.152	16.4391	119.943	1.132
%RSD	1.371695	1.795060	2.118306	.1130721
#1	1960.253	904.1706	5577.384	1001.704
#2	1998.652	927.4190	5747.009	1000.104

Sample Name: 500-208569-f-1-f Acquired: 11/29/2021 20:27:16 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062002	61.64944	.0680013	.0861322	.8231436	.0040910
Stddev	.0010277	.39143	.0029119	.0004440	.0036538	.0002298
%RSD	16.57514	.6349244	4.282181	.5155190	.4438791	5.617674
#1	.0054735	61.37266	.0700603	.0864461	.8205600	.0039285
#2	.0069269	61.92622	.0659422	.0858182	.8257272	.0042535
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008152	F 1208.350	.0056429	.8802667	.0733606	.1223486
Stddev	.000219	12.923	.0000126	.0081261	.0008954	.0000956
%RSD	2.691707	1.069435	.2225311	.9231360	1.220595	.0781016
#1	-.007997	1199.212	.0056518	.8745207	.0727274	.1222810
#2	-.008308	1217.487	.0056340	.8860127	.0739937	.1224162
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1591533	140.1496	13.32477	.1472524	589.2941	3.788331
Stddev	.0012097	1.6889	.04168	.0004309	3.3772	.044450
%RSD	.7600833	1.205040	.3128345	.2926092	.5730967	1.173331
#1	.1600087	138.9554	13.29529	.1475571	586.9061	3.756901
#2	.1582979	141.3438	13.35424	.1469477	591.6822	3.819762
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208569-f-1-f Acquired: 11/29/2021 20:27:16 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0185852**	**3.688623**	**.1879166**	**.2015314**	**.0060856**	**-.001227**
Stddev	.0000343	.027428	.0018216	.0027936	.0017025	.000078
%RSD	.1847829	.7435955	.9693807	1.386162	27.97546	6.367165
#1	.0186095	3.669228	.1892047	.1995560	.0072895	-.001283
#2	.0185610	3.708018	.1866285	.2035067	.0048818	-.001172
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.840603**	**.0259037**	**.4658986**	**1.715834**	**-.003638**	**.1768335**
Stddev	.020762	.0056071	.0022070	.002947	.002279	.0015469
%RSD	.7308922	21.64603	.4737104	.1717361	62.62743	.8748022
#1	2.855284	.0298685	.4674592	1.717918	-.005250	.1779273
#2	2.825922	.0219388	.4643380	1.713750	-.002027	.1757396
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.8236404**
Stddev	.0059233
%RSD	.7191659
#1	.8194520
#2	.8278288
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208569-f-1-f Acquired: 11/29/2021 20:27:16 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1346.950	859.4692	5267.142	1355.915
Stddev	9.495	11.8028	31.526	.517
%RSD	.7048998	1.373265	.5985391	.0381549
#1	1340.236	851.1233	5244.850	1355.549
#2	1353.664	867.8150	5289.434	1356.281

Sample Name: 500-208569-f-1-fSD@5 Acquired: 11/29/2021 20:30:32 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014554**	**13.11242**	**.0110294**	**.0216131**	**.1588348**	**.0008733**	**-.001862**
Stddev	.0005006	.29898	.0020107	.0004689	.0041816	.0000238	.001427
%RSD	34.39331	2.280101	18.23044	2.169407	2.632695	2.727020	76.63163
#1	.0011014	12.90101	.0124511	.0219447	.1558779	.0008901	-.000853
#2	.0018093	13.32383	.0096076	.0212816	.1617916	.0008564	-.002872
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**247.9874**	**.0014457**	**.2232607**	**.0153166**	**.0267219**	**.0346883**	**29.65654**
Stddev	7.1642	.0000028	.0007018	.0002240	.0016489	.0002784	.98427
%RSD	2.888929	.1954924	.3143279	1.462593	6.170411	.8025907	3.318903
#1	242.9216	.0014437	.2227645	.0154750	.0255560	.0344914	28.96055
#2	253.0533	.0014477	.2237570	.0151582	.0278878	.0348851	30.35252
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.593660**	**.0316068**	**126.5530**	**.8003072**	**.0035845**	**.8649887**	**.0417709**
Stddev	.055786	.0009408	3.1192	.0231787	.0001426	.0090802	.0015024
%RSD	2.150851	2.976670	2.464703	2.896225	3.977502	1.049751	3.596689
#1	2.554214	.0309415	124.3474	.7839174	.0034837	.8585681	.0428332
#2	2.633107	.0322720	128.7586	.8166970	.0036853	.8714094	.0407085
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208569-f-1-fSD@5 Acquired: 11/29/2021 20:30:32 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0450581	-.000117	-.002033	.6197645	.0043073	.1069379	.3939816
Stddev	.0021822	.000684	.000873	.0197121	.0019119	.0006347	.0030508
%RSD	4.843166	584.4244	42.92525	3.180573	44.38746	.5935031	.7743603
#1	.0466011	.000367	-.002650	.6337030	.0029554	.1064891	.3918243
#2	.0435150	-.000601	-.001416	.6058259	.0056592	.1073867	.3961389
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0008485	.0398357	.1702103
Stddev	.0018169	.0003561	.0019065
%RSD	214.1283	.8938191	1.120115
#1	-.000436	.0395839	.1715584
#2	.002133	.0400875	.1688621
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1694.877	875.1064	5419.023	1216.822
Stddev	8.123	4.9726	20.768	21.381
%RSD	.4792959	.5682326	.3832433	1.757144
#1	1689.133	871.5902	5433.708	1231.941
#2	1700.622	878.6226	5404.337	1201.703

Sample Name: 500-208569-f-1-g du Acquired: 11/29/2021 20:33:46 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072911	77.87809	.0566417	.1163872	.5877501	.0046141
Stddev	.0003950	.32492	.0025180	.0011195	.0059636	.0000045
%RSD	5.417978	.4172144	4.445545	.9618743	1.014655	.0974230
#1	.0075704	78.10784	.0584222	.1171788	.5919670	.0046109
#2	.0070118	77.64834	.0548611	.1155956	.5835332	.0046172
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011345	F 1351.965	.0032431	1.127404	.0779145	.1413925
Stddev	.000687	2.953	.0002141	.022450	.0016175	.0013241
%RSD	6.059481	.2184360	6.601455	1.991290	2.076038	.9364618
#1	-.011832	1349.877	.0030918	1.143279	.0790583	.1404563
#2	-.010859	1354.053	.0033945	1.111530	.0767707	.1423288
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1772057	150.7425	18.43643	.1784470	F 680.0544	4.310646
Stddev	.0036131	1.2930	.16281	.0038193	5.8457	.029355
%RSD	2.038931	.8577741	.8831024	2.140279	.8595972	.6809777
#1	.1797606	151.6568	18.55155	.1811476	684.1879	4.331403
#2	.1746509	149.8281	18.32130	.1757464	675.9208	4.289890
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					600.0000	
Low Limit					-.100000	

Sample Name: 500-208569-f-1-g du Acquired: 11/29/2021 20:33:46 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156540	4.002789	.2087639	.0994109	.0040303	-.003870
Stddev	.0012264	.039349	.0033109	.0020951	.0010171	.005377
%RSD	7.834204	.9830478	1.585943	2.107469	25.23689	138.9407
#1	.0165212	4.030613	.2111050	.1008923	.0047495	-.000068
#2	.0147868	3.974965	.2064227	.0979294	.0033110	-.007672
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.912552	.0290312	.5674674	2.120993	-.004208	.1970587
Stddev	.016120	.0028198	.0046377	.007257	.000223	.0004660
%RSD	.5534753	9.713013	.8172576	.3421655	5.303310	.2364505
#1	2.923951	.0270373	.5707468	2.126125	-.004050	.1973881
#2	2.901153	.0310251	.5641881	2.115861	-.004366	.1967292
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.5927120
Stddev	.0047525
%RSD	.8018299
#1	.5960726
#2	.5893515
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208569-f-1-g du Acquired: 11/29/2021 20:33:46 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1302.767	852.2444	5225.806	1362.835
Stddev	10.655	7.5029	76.005	17.594
%RSD	.8178859	.8803672	1.454414	1.291018
#1	1295.233	846.9391	5172.063	1350.394
#2	1310.301	857.5497	5279.550	1375.276

Sample Name: CCV Acquired: 11/29/2021 20:37:02 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4827845**	**49.51479**	**.4992456**	**.5029832**	F **.5666911**	**.4645339**
Stddev	.0017293	.37814	.0029580	.0029068	.0040790	.0000946
%RSD	.3581938	.7636964	.5924884	.5779042	.7197864	.0203688
#1	.4815617	49.78217	.5013372	.5050386	.5695754	.4646008
#2	.4840073	49.24740	.4971540	.5009278	.5638069	.4644670
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value					.5000000	
Range					10.00000%	

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5165306**	**24.17540**	**.5028225**	F **.1604203**	**.5244866**	**.4619881**
Stddev	.0024510	.04049	.0035403	.0264535	.0035977	.0007947
%RSD	.4745110	.1674972	.7040875	16.49010	.6859409	.1720129
#1	.5182637	24.20403	.5053258	.1791257	.5270305	.4625500
#2	.5147974	24.14677	.5003191	.1417149	.5219427	.4614262
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5035117**	**24.10874**	**48.80035**	**4.014772**	**24.25554**	**4.880401**
Stddev	.0039492	.32301	.48005	.032629	.13522	.020415
%RSD	.7843300	1.339793	.9837092	.8127150	.5574608	.4182987
#1	.5063042	24.33714	49.13980	4.037844	24.35115	4.894837
#2	.5007192	23.88034	48.46090	3.991700	24.15993	4.865966
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/29/2021 20:37:02 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4839717	25.19413	.5174902	.5123841	.4857211	.4911568
Stddev	.0042684	.20125	.0015773	.0050881	.0015005	.0013414
%RSD	.8819533	.7987776	.3047953	.9930177	.3089288	.2731149
#1	.4869899	25.33643	.5186055	.5159819	.4867821	.4921054
#2	.4809535	25.05183	.5163749	.5087863	.4846600	.4902083
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .5658601	.5202397	.4831932	.4837254	.4931750	4.770878
Stddev	.0019561	.0022036	.0018481	.0021682	.0025885	.002223
%RSD	.3456944	.4235656	.3824739	.4482339	.5248628	.0465894
#1	.5672433	.5217979	.4845000	.4852586	.4913446	4.769306
#2	.5644769	.5186816	.4818865	.4821922	.4950053	4.772450
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	10.00000%					

Elem	Zn2062
Units	ppm
Avg	.5261891
Stddev	.0032303
%RSD	.6139077
#1	.5284732
#2	.5239049
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/29/2021 20:37:02 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.600	920.0154	5657.486	1171.631
Stddev	5.074	3.7514	16.101	6.447
%RSD	.2750759	.4077584	.2845993	.5502490
#1	1841.012	917.3628	5646.101	1167.072
#2	1848.187	922.6681	5668.871	1176.190

Sample Name: CCB Acquired: 11/29/2021 20:40:09 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009104	.0920509	-.003284	.0000272	.0004314	-.000057
Stddev	.0001591	.0035575	.001607	.0000560	.0001919	.000232
%RSD	17.47470	3.864680	48.92623	206.2603	44.49752	405.1238
#1	.0007979	.0895354	-.002148	.0000668	.0005671	-.000221
#2	.0010229	.0945664	-.004420	-.000012	.0002956	.000107
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003314	.0080561	.0002643	F .0416061	.0000129	-.000777
Stddev	.0017426	.0000572	.0000772	.0066766	.0000158	.000147
%RSD	525.8041	.7101412	29.20373	16.04707	122.5215	18.86816
#1	-.000901	.0080965	.0003189	.0463271	.0000241	-.000673
#2	.001564	.0080156	.0002097	.0368850	.0000017	-.000881
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014071	F .2563897	-.047440	.0008408	-.022334	.0000096
Stddev	.0000894	.1498925	.002040	.0005118	.010127	.0009033
%RSD	6.354945	58.46274	4.299289	60.86847	45.34546	9400.897
#1	.0013439	.1503998	-.045998	.0004789	-.015173	-.000629
#2	.0014704	.3623797	-.048883	.0012026	-.029495	.000648
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.2000000				
Low Limit		-.200000				

Sample Name: CCB Acquired: 11/29/2021 20:40:09 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000242**	**.1019795**	**-.000042**	**.0002646**	**-.001417**	**-.001455**
Stddev	.000593	.0003031	.000155	.0007443	.000332	.000463
%RSD	244.8299	.2971669	367.3387	281.3477	23.44710	31.80165
#1	-.000661	.1021938	-.000151	.0007909	-.001652	-.001128
#2	.000177	.1017652	.000067	-.000262	-.001182	-.001782
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0053456**	**-.000768**	**-.000008**	**-.000092**	**-.000142**	**.0004250**
Stddev	.0012912	.002162	.000009	.000174	.001353	.0009182
%RSD	24.15490	281.4725	118.8951	188.7240	951.4841	216.0488
#1	.0062586	.000761	-.000001	-.000215	.000815	-.000224
#2	.0044325	-.002297	-.000015	.000031	-.001099	.001074
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.0009182**
Stddev	.0001035
%RSD	11.27266
#1	.0008450
#2	.0009914
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/29/2021 20:40:09 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2217.773	973.1218	5810.676	1115.923
Stddev	4.378	.1671	50.568	5.008
%RSD	.1973940	.0171727	.8702575	.4487807
#1	2214.678	973.0037	5846.433	1119.464
#2	2220.869	973.2400	5774.919	1112.382

Sample Name: 500-208569-f-1-h ms Acquired: 11/29/2021 20:43:28 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0548185**	**118.2143**	**.1505450**	**.8692548**	**3.314072**	**.0434105**
Stddev	.0006113	.2328	.0024924	.0047975	.003527	.0000095
%RSD	1.115145	.1969611	1.655604	.5519086	.1064141	.0218619
#1	.0552508	118.3789	.1523074	.8726472	3.316565	.0434038
#2	.0543862	118.0497	.1487826	.8658625	3.311578	.0434172
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5870028**	F **1352.264**	**.0533192**	**1.205003**	**.5820351**	**.3159425**
Stddev	.0023266	20.521	.0004624	.004095	.0050374	.0008895
%RSD	.3963563	1.517513	.8671901	.3398114	.8654859	.2815325
#1	.5853576	1337.753	.0536461	1.207899	.5855971	.3153135
#2	.5886480	1366.774	.0529922	1.202108	.5784731	.3165714
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4571834**	**180.5100**	**39.56007**	**.6759852**	F **640.9522**	**5.501739**
Stddev	.0011977	.1294	.04115	.0008615	1.0787	.002163
%RSD	.2619675	.0716769	.1040183	.1274472	.1682997	.0393129
#1	.4580303	180.4185	39.53097	.6765943	640.1894	5.500210
#2	.4563365	180.6015	39.58917	.6753760	641.7150	5.503268
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					600.0000	
Low Limit					-.100000	

Sample Name: 500-208569-f-1-h ms Acquired: 11/29/2021 20:43:28 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7875325**	**14.28037**	**.7150513**	**.2194633**	**.1477192**	**.0723443**
Stddev	.0038988	.02353	.0067564	.0002584	.0000942	.0020594
%RSD	.4950653	.1647597	.9448848	.1177444	.0637839	2.846723
#1	.7902894	14.29700	.7198288	.2196460	.1476526	.0738005
#2	.7847757	14.26373	.7102738	.2192806	.1477859	.0708880
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.668566**	**.9871289**	**1.479487**	F **3.698646**	**.0770025**	**.6467056**
Stddev	.010639	.0121859	.007422	.005919	.0054202	.0026517
%RSD	.2278843	1.234474	.5016493	.1600232	7.039051	.4100344
#1	4.676089	.9957456	1.484735	3.702832	.0731698	.6485807
#2	4.661043	.9785122	1.474239	3.694461	.0808352	.6448306
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				3.000000		
Low Limit				-.005000		

Elem	Zn2062
Units	ppm
Avg	**1.452549**
Stddev	.015535
%RSD	1.069489
#1	1.463534
#2	1.441564
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208569-f-1-h ms Acquired: 11/29/2021 20:43:28 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1288.377	854.2911	5245.760	1343.316
Stddev	1.910	.9962	28.855	1.097
%RSD	.1482762	.1166162	.5500588	.0816656
#1	1287.026	854.9955	5225.357	1344.092
#2	1289.728	853.5866	5266.164	1342.541

Sample Name: 500-208569-f-1-i msd Acquired: 11/29/2021 20:46:46 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0569113**	**118.5916**	**.1547420**	**.8727666**	**3.175092**	**.0432659**
Stddev	.0017108	1.2674	.0038031	.0124789	.039598	.0007873
%RSD	3.006014	1.068684	2.457697	1.429807	1.247136	1.819660
#1	.0557016	119.4877	.1520528	.8815905	3.203092	.0438226
#2	.0581210	117.6954	.1574312	.8639427	3.147093	.0427092
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5924533**	F **1456.625**	**.0524287**	**1.255827**	**.5781190**	**.3125574**
Stddev	.0079579	14.651	.0005982	.048427	.0066857	.0033884
%RSD	1.343206	1.005812	1.140903	3.856147	1.156461	1.084106
#1	.5980803	1446.266	.0528516	1.221584	.5828465	.3101614
#2	.5868262	1466.985	.0520057	1.290070	.5733915	.3149534
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4401801**	**185.0369**	**40.29863**	**.6892601**	F **683.4863**	**5.643272**
Stddev	.0005612	1.5055	.55079	.0119245	8.0048	.040463
%RSD	.1275020	.8136022	1.366767	1.730048	1.171169	.7170044
#1	.4405770	186.1014	40.68810	.6976921	689.1466	5.671883
#2	.4397833	183.9724	39.90916	.6808282	677.8261	5.614660
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					600.0000	
Low Limit					-.100000	

Sample Name: 500-208569-f-1-i msd Acquired: 11/29/2021 20:46:46 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7915203	14.83295	.7001005	.2074020	.1577664	.0723235
Stddev	.0114518	.22617	.0133644	.0063702	.0035593	.0021394
%RSD	1.446804	1.524794	1.908919	3.071431	2.256029	2.958101
#1	.7996179	14.99288	.7095506	.2119064	.1602832	.0708107
#2	.7834227	14.67302	.6906505	.2028976	.1552497	.0738363
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.037643	.9789518	1.394058	F 3.752553	.0752697	.6493736
Stddev	.092850	.0155420	.005383	.022827	.0028364	.0045985
%RSD	1.537844	1.587616	.3861398	.6082959	3.768284	.7081454
#1	6.103297	.9899417	1.390252	3.736412	.0772753	.6461220
#2	5.971988	.9679620	1.397865	3.768694	.0732641	.6526253
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				3.000000		
Low Limit				-.005000		

Elem	Zn2062
Units	ppm
Avg	1.294556
Stddev	.020038
%RSD	1.547860
#1	1.308725
#2	1.280388
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208569-f-1-i msd Acquired: 11/29/2021 20:46:46 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1257.162	840.9251	5265.959	1343.499
Stddev	20.856	12.0554	.486	18.261
%RSD	1.659007	1.433586	.0092292	1.359220
#1	1242.415	832.4007	5266.303	1330.586
#2	1271.910	849.4496	5265.616	1356.411

Sample Name: 500-208569-f-2-f Acquired: 11/29/2021 20:50:03 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080167	84.70292	.0602371	.1057418	.5430924	.0049030
Stddev	.0002080	.27644	.0021640	.0011037	.0013516	.0000004
%RSD	2.594795	.3263610	3.592418	1.043728	.2488668	.0090777
#1	.0081638	84.50745	.0617673	.1065222	.5421367	.0049027
#2	.0078696	84.89840	.0587070	.1049614	.5440481	.0049033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009280	F 1292.088	.0035005	1.153533	.0834158	.1558249
Stddev	.000476	41.650	.0002640	.114490	.0011779	.0002825
%RSD	5.126281	3.223501	7.542636	9.925124	1.412062	.1812847
#1	-.009616	1262.637	.0036872	1.234490	.0842487	.1556252
#2	-.008943	1321.539	.0033138	1.072577	.0825829	.1560247
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2065171	171.3713	18.84530	.1921056	F 620.0071	4.604549
Stddev	.0002847	.4430	.03997	.0002154	1.0539	.019778
%RSD	.1378622	.2584909	.2121077	.1121125	.1699757	.4295244
#1	.2063158	171.0580	18.87356	.1922579	619.2619	4.590564
#2	.2067185	171.6845	18.81703	.1919533	620.7523	4.618533
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					600.0000	
Low Limit					-.100000	

Sample Name: 500-208569-f-2-f Acquired: 11/29/2021 20:50:03 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202597	3.419983	.2183321	.1658426	.0051103	-.001548
Stddev	.0004959	.008623	.0024393	.0002029	.0005365	.002872
%RSD	2.447590	.2521237	1.117245	.1223368	10.49901	185.5758
#1	.0206103	3.413885	.2200569	.1656991	.0054897	-.003579
#2	.0199091	3.426080	.2166072	.1659861	.0047309	.000483
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.060249	.0263113	.6072582	2.387149	-.001318	.2126432
Stddev	.033934	.0030564	.0011447	.004265	.000938	.0002254
%RSD	1.108866	11.61642	.1884987	.1786479	71.17213	.1060025
#1	3.084244	.0241501	.6064488	2.384133	-.000655	.2124839
#2	3.036254	.0284726	.6080676	2.390164	-.001982	.2128026
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.7456551
Stddev	.0080638
%RSD	1.081438
#1	.7513571
#2	.7399531
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208569-f-2-f Acquired: 11/29/2021 20:50:03 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1303.017	846.2255	5233.219	1364.682
Stddev	2.482	.0578	18.669	1.407
%RSD	.1904563	.0068358	.3567338	.1031153
#1	1301.262	846.1846	5246.419	1363.687
#2	1304.772	846.2664	5220.018	1365.677

Sample Name: 500-208569-f-3-f Acquired: 11/29/2021 20:53:20 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107337	127.3371	.0992764	.1428368	1.461558	.0080542
Stddev	.0006066	3.3169	.0020771	.0008400	.036798	.0000089
%RSD	5.651626	2.604821	2.092291	.5881026	2.517720	.1099639
#1	.0103048	124.9917	.1007452	.1434308	1.435538	.0080604
#2	.0111627	129.6826	.0978076	.1422428	1.487578	.0080479
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000611	F 1054.669	.0157589	1.442525	.1603492	.2425453
Stddev	.001252	20.774	.0000791	.031228	.0002055	.0023563
%RSD	204.8913	1.969674	.5019086	2.164822	.1281821	.9714842
#1	-.001497	1039.980	.0157029	1.420444	.1602039	.2408792
#2	.000274	1069.358	.0158148	1.464607	.1604946	.2442115
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3037648	275.4152	31.00594	.2244839	577.1873	6.879762
Stddev	.0034951	5.7919	.75908	.0042515	13.1763	.139268
%RSD	1.150605	2.102971	2.448189	1.893905	2.282849	2.024316
#1	.3062362	271.3197	30.46918	.2214776	567.8702	6.781284
#2	.3012934	279.5107	31.54269	.2274901	586.5043	6.978239
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208569-f-3-f Acquired: 11/29/2021 20:53:20 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0299988**	**9.733839**	**.3769650**	**.5311960**	**.0065335**	**.0008690**
Stddev	.0004800	.217688	.0001700	.0047486	.0024289	.0005128
%RSD	1.599948	2.236407	.0450936	.8939459	37.17616	59.01169
#1	.0303382	9.579911	.3770852	.5345538	.0082510	.0005064
#2	.0296594	9.887768	.3768448	.5278382	.0048160	.0012316
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.382466**	**.0313927**	**.4700550**	**2.336029**	**.0001945**	**.3934524**
Stddev	.001586	.0012962	.0017816	.005497	.0072509	.0008567
%RSD	.0468873	4.128945	.3790175	.2353350	3728.534	.2177345
#1	3.381345	.0323093	.4713147	2.332142	.0053216	.3928467
#2	3.383588	.0304762	.4687952	2.339917	-.004933	.3940582
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**1.810330**
Stddev	.003823
%RSD	.2111730
#1	1.807626
#2	1.813033
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208569-f-3-f Acquired: 11/29/2021 20:53:20 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1319.709	884.4642	5495.808	1382.067
Stddev	13.269	13.7503	55.394	22.758
%RSD	1.005445	1.554645	1.007937	1.646661
#1	1310.326	874.7413	5456.638	1398.160
#2	1329.092	894.1872	5534.977	1365.975

Sample Name: 500-208569-f-4-f Acquired: 11/29/2021 20:56:30 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055463	40.73723	.0536930	.0651873	.2875088	.0027429
Stddev	.0007642	.20362	.0009007	.0007035	.0016367	.0003513
%RSD	13.77813	.4998388	1.677443	1.079121	.5692718	12.80930
#1	.0050059	40.88121	.0543299	.0656847	.2886661	.0029913
#2	.0060866	40.59325	.0530561	.0646898	.2863515	.0024945
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013409	F 1003.267	.0015714	.8452365	.0471717	.0881510
Stddev	.003481	5.260	.0003257	.0240365	.0005745	.0013859
%RSD	25.96101	.5243066	20.72529	2.843756	1.217915	1.572198
#1	-.015870	1006.987	.0018017	.8282402	.0475780	.0891310
#2	-.010947	999.548	.0013411	.8622329	.0467655	.0871711
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1187366	117.8378	9.328716	.0963699	510.8166	2.996469
Stddev	.0008152	.2731	.007582	.0008923	1.9686	.023181
%RSD	.6865682	.2317968	.0812766	.9258708	.3853770	.7736220
#1	.1193130	118.0309	9.334078	.0970008	512.2086	3.012860
#2	.1181601	117.6447	9.323355	.0957389	509.4247	2.980077
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208569-f-4-f Acquired: 11/29/2021 20:56:30 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082675	2.815757	.1108780	.0751916	.0065974	-.005040
Stddev	.0004592	.004291	.0044304	.0020104	.0021242	.003121
%RSD	5.554115	.1524065	3.995714	2.673721	32.19812	61.93094
#1	.0085922	2.818791	.1140108	.0737700	.0080995	-.007247
#2	.0079428	2.812722	.1077453	.0766132	.0050953	-.002833
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.077138	.0260178	.4050364	1.894851	-.003853	.1458911
Stddev	.013121	.0028756	.0012304	.008017	.001472	.0009373
%RSD	.4264120	11.05226	.3037787	.4231144	38.20675	.6424513
#1	3.086416	.0280512	.4059065	1.900521	-.002812	.1452284
#2	3.067860	.0239845	.4041664	1.889182	-.004894	.1465539
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.3352725
Stddev	.0016365
%RSD	.4881056
#1	.3364296
#2	.3341153
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208569-f-4-f Acquired: 11/29/2021 20:56:30 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1373.547	840.0158	5186.868	1338.526
Stddev	17.579	11.1750	3.238	12.728
%RSD	1.279814	1.330338	.0624182	.9509340
#1	1361.117	832.1138	5189.157	1329.525
#2	1385.978	847.9177	5184.578	1347.526

Sample Name: 500-208569-f-5-f Acquired: 11/29/2021 20:59:43 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0047078**	**33.57877**	**.0350391**	**.0584679**	**.2340870**	**.0023489**
Stddev	.0009992	.25980	.0034237	.0004502	.0030890	.0002272
%RSD	21.22354	.7736898	9.771041	.7699942	1.319614	9.672296
#1	.0054143	33.39507	.0374600	.0587863	.2319027	.0025095
#2	.0040013	33.76247	.0326182	.0581496	.2362713	.0021882
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.011815**	F **1003.708**	**.0014713**	**.8050725**	**.0384423**	**.0806012**
Stddev	.001875	6.716	.0000697	.0382913	.0007215	.0001171
%RSD	15.87009	.6691278	4.739430	4.756256	1.876786	.1453018
#1	-.013141	998.959	.0015206	.8321485	.0389525	.0806841
#2	-.010489	1008.457	.0014220	.7779964	.0379322	.0805184
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1054454**	**109.0197**	**7.636416**	**.0764989**	**515.9213**	**2.799071**
Stddev	.0009946	1.1491	.089793	.0006864	5.4814	.017666
%RSD	.9432600	1.054067	1.175849	.8972481	1.062450	.6311208
#1	.1061487	108.2071	7.572923	.0760135	512.0453	2.786579
#2	.1047421	109.8323	7.699909	.0769842	519.7972	2.811562
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208569-f-5-f Acquired: 11/29/2021 20:59:43 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081854	2.762266	.0920225	.0592368	.0044857	-.004064
Stddev	.0004253	.038316	.0026831	.0007979	.0010682	.000492
%RSD	5.195507	1.387114	2.915735	1.347041	23.81368	12.11338
#1	.0078847	2.735173	.0939198	.0598011	.0037304	-.003716
#2	.0084861	2.789360	.0901253	.0586726	.0052411	-.004413
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.854684	.0255462	.3928074	1.982067	-.003733	.1441991
Stddev	.025645	.0028059	.0018626	.001425	.001394	.0002566
%RSD	.8983625	10.98374	.4741815	.0718765	37.35513	.1779602
#1	2.872818	.0235621	.3941245	1.981059	-.004719	.1440176
#2	2.836550	.0275303	.3914903	1.983074	-.002747	.1443805
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.3103210
Stddev	.0048447
%RSD	1.561197
#1	.3137467
#2	.3068952
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208569-f-5-f Acquired: 11/29/2021 20:59:43 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1385.882	852.1353	5146.863	1345.232
Stddev	7.213	4.3578	32.554	7.556
%RSD	.5204581	.5113924	.6325031	.5616684
#1	1380.781	849.0539	5123.843	1350.575
#2	1390.982	855.2167	5169.882	1339.889

Sample Name: 500-208578-f-1-c Acquired: 11/29/2021 21:02:54 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0067304**	**57.62586**	**.0386132**	**.2052869**	**1.314616**	**.0061965**	**-.006807**
Stddev	.0005225	.35181	.0053655	.0011724	.010832	.0001303	.001031
%RSD	7.763951	.6105155	13.89546	.5711026	.8239739	2.102942	15.14262
#1	.0063609	57.37709	.0348193	.2061159	1.306957	.0062887	-.006078
#2	.0070998	57.87463	.0424072	.2044579	1.322275	.0061044	-.007536
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**537.7512**	**.0056978**	**.4865972**	**.0520395**	**.2047599**	**.7009224**	**186.0660**
Stddev	3.6995	.0000939	.0395418	.0001090	.0025268	.0038638	1.4100
%RSD	.6879630	1.648710	8.126176	.2095030	1.234020	.5512462	.7578152
#1	535.1352	.0057642	.4586370	.0521166	.2029732	.7036546	185.0690
#2	540.3672	.0056313	.5145574	.0519624	.2065466	.6981903	187.0631
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.264259**	**.0600513**	**48.39690**	**3.606241**	**.0570263**	**2.007153**	**.1682888**
Stddev	.062541	.0007122	.41063	.011302	.0001750	.012967	.0002365
%RSD	.6750742	1.185962	.8484593	.3133932	.3068942	.6460506	.1405527
#1	9.220036	.0595477	48.10654	3.598250	.0571501	1.997984	.1684561
#2	9.308482	.0605549	48.68726	3.614233	.0569026	2.016323	.1681216
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208578-f-1-c Acquired: 11/29/2021 21:02:54 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9066602	.0088253	.0006869	9.211650	.0984808	.7422674	1.902407
Stddev	.0015455	.0023577	.0041884	.016591	.0005275	.0014715	.001909
%RSD	.1704566	26.71551	609.7733	.1801051	.5356221	.1982440	.1003633
#1	.9055674	.0104925	-.002275	9.199918	.0981078	.7412269	1.901057
#2	.9077530	.0071582	.003649	9.223381	.0988538	.7433079	1.903758
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000119	.1515378	2.281888
Stddev	.004224	.0002222	.012245
%RSD	3551.502	.1465963	.5366241
#1	-.003106	.1513808	2.290547
#2	.002868	.1516949	2.273230
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1556.533	871.1329	5392.707	1133.764
Stddev	2.695	1.9744	27.991	7.605
%RSD	.1731580	.2266478	.5190549	.6707808
#1	1558.439	872.5290	5372.915	1139.142
#2	1554.627	869.7367	5412.500	1128.387

Sample Name: 500-208578-f-2-e Acquired: 11/29/2021 21:06:11 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056440	59.12680	.0273916	.1264130	1.598102	.0051110	-.010562
Stddev	.0003432	1.08530	.0018168	.0001251	.029879	.0000573	.000772
%RSD	6.080334	1.835551	6.632822	.0989609	1.869629	1.120185	7.307646
#1	.0054013	58.35938	.0261069	.1263245	1.576974	.0051515	-.010016
#2	.0058866	59.89423	.0286763	.1265014	1.619229	.0050705	-.011108
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	268.2487	.0032739	.6144828	.0516591	.1102647	.2565754	138.5543
Stddev	2.1054	.0000512	.0005094	.0005350	.0004911	.0038981	2.0155
%RSD	.7848607	1.564130	.0828997	1.035669	.4453781	1.519287	1.454665
#1	266.7600	.0033101	.6141226	.0512808	.1106119	.2538190	137.1291
#2	269.7375	.0032377	.6148430	.0520374	.1099174	.2593318	139.9795
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.91442	.0734164	40.85229	1.653194	.0199550	1.658966	.1407607
Stddev	.26494	.0017592	.48889	.024892	.0000300	.032497	.0024236
%RSD	1.904050	2.396143	1.196729	1.505671	.1501736	1.958870	1.721816
#1	13.72708	.0721725	40.50659	1.635593	.0199762	1.635987	.1390469
#2	14.10176	.0746604	41.19799	1.670795	.0199338	1.681945	.1424745
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208578-f-2-e Acquired: 11/29/2021 21:06:11 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8291832	.0050482	.0007867	10.07510	.0429965	.5375395	1.925827
Stddev	.0034557	.0006417	.0031109	.09232	.0013306	.0070979	.025463
%RSD	.4167604	12.71146	395.4239	.9163669	3.094764	1.320436	1.322181
#1	.8267397	.0045944	.0029864	10.00981	.0439374	.5325206	1.907822
#2	.8316268	.0055019	-.001413	10.14038	.0420556	.5425585	1.943832
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0018939	.1595955	.8611685
Stddev	.0003284	.0022172	.0070894
%RSD	17.34123	1.389260	.8232261
#1	.0021262	.1580277	.8561555
#2	.0016617	.1611633	.8661814
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1666.462	926.1909	5668.804	1117.123
Stddev	1.303	4.8223	76.344	9.046
%RSD	.0781891	.5206634	1.346745	.8097491
#1	1665.541	922.7810	5722.788	1123.519
#2	1667.384	929.6009	5614.821	1110.726

Sample Name: 500-208578-f-3-c Acquired: 11/29/2021 21:09:22 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012811	28.10702	.0421676	.2537269	.1765174	.0027876
Stddev	.0008664	1.23872	.0012744	.0038055	.0074137	.0003859
%RSD	67.63157	4.407153	3.022172	1.499844	4.199988	13.84520
#1	.0006684	27.23111	.0430687	.2564178	.1712752	.0025147
#2	.0018937	28.98293	.0412665	.2510360	.1817597	.0030605
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121037	398.9547	.0009747	.5210639	.0178136	1.934431
Stddev	.0019585	15.1413	.0001496	.0529104	.0001162	.005632
%RSD	16.18136	3.795251	15.34342	10.15430	.6522947	.2911558
#1	.0134886	388.2481	.0008689	.4836506	.0178957	1.938414
#2	.0107188	409.6612	.0010804	.5584772	.0177314	1.930448
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2428056	451.1928	2.097708	.0484396	51.95306	F 58.89736
Stddev	.0015797	17.7277	.075014	.0016189	1.99266	2.24610
%RSD	.6506076	3.929082	3.576006	3.342021	3.835502	3.813585
#1	.2439226	438.6574	2.044665	.0472949	50.54403	57.30913
#2	.2416885	463.7282	2.150751	.0495843	53.36208	60.48559
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						20.00000
Low Limit						-.010000

Sample Name: 500-208578-f-3-c Acquired: 11/29/2021 21:09:22 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0115668**	**.5284190**	**.1191108**	**.0836394**	**.0249288**	**.0109928**
Stddev	.0013175	.0246964	.0003336	.0004099	.0029376	.0015548
%RSD	11.39009	4.673642	.2800618	.4901325	11.78400	14.14379
#1	.0106353	.5109560	.1193467	.0839293	.0228516	.0098934
#2	.0124984	.5458820	.1188749	.0833495	.0270060	.0120922
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.41145**	**.0514690**	**.2488403**	**2.473972**	**.0008957**	**1.127715**
Stddev	.09734	.0000823	.0012562	.008727	.0006564	.004876
%RSD	.9348847	.1599490	.5048322	.3527441	73.28483	.4323665
#1	10.48027	.0515272	.2497286	2.480142	.0013598	1.131163
#2	10.34262	.0514107	.2479520	2.467801	.0004315	1.124267
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.1152196**
Stddev	.0024687
%RSD	2.142603
#1	.1169652
#2	.1134740
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208578-f-3-c Acquired: 11/29/2021 21:09:22 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1580.574	809.6510	5052.898	1198.854
Stddev	16.564	6.7141	22.586	31.262
%RSD	1.047972	.8292639	.4469990	2.607649
#1	1568.861	804.9034	5036.927	1220.960
#2	1592.286	814.3986	5068.869	1176.749

Sample Name: 500-208578-f-5-c Acquired: 11/29/2021 21:12:32 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0039956**	**59.71068**	**.0593738**	**.2133728**	**1.154570**	**.0073616**	**.0019501**
Stddev	.0002471	3.24738	.0004815	.0028985	.059804	.0005431	.0005802
%RSD	6.184675	5.438531	.8109726	1.358439	5.179752	7.377559	29.75132
#1	.0041704	57.41444	.0597143	.2113233	1.112283	.0069776	.0015398
#2	.0038209	62.00693	.0590333	.2154224	1.196858	.0077456	.0023603
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**50.95564**	**.0089702**	**.5953812**	**.0752747**	**1.053032**	**1.840086**	**377.8144**
Stddev	2.90116	.0002868	.0064379	.0008595	.005428	.004881	21.7488
%RSD	5.693500	3.197421	1.081312	1.141848	.5154270	.2652554	5.756466
#1	48.90421	.0091730	.5908289	.0758825	1.049194	1.843537	362.4357
#2	53.00707	.0087674	.5999335	.0746669	1.056870	1.836635	393.1931
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.35771**	**.0679994**	**21.75266**	**4.949265**	**.3825347**	**1.309414**	**1.438469**
Stddev	.48176	.0038900	1.25839	.276572	.0014762	.066473	.000999
%RSD	4.651185	5.720610	5.784999	5.588152	.3858925	5.076552	.0694735
#1	10.01706	.0652487	20.86285	4.753699	.3814909	1.262410	1.439176
#2	10.69837	.0707500	22.64248	5.144832	.3835785	1.356417	1.437763
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208578-f-5-c Acquired: 11/29/2021 21:12:32 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.493351	.0210862	.0038189	3.339337	.0582361	.2225410	1.465136
Stddev	.011746	.0039001	.0011771	.006559	.0017081	.0003277	.002492
%RSD	.2138267	18.49620	30.82292	.1964075	2.933057	.1472491	.1701189
#1	5.501656	.0238440	.0046512	3.334700	.0570283	.2227727	1.463373
#2	5.485045	.0183284	.0029866	3.343975	.0594439	.2223093	1.466898
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0001872	.1854175	1.824137
Stddev	.0032811	.0020626	.009970
%RSD	1752.836	1.112431	.5465361
#1	-.002133	.1839590	1.831187
#2	.002507	.1868760	1.817088
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1757.397	920.6366	5702.846	1105.715
Stddev	10.162	10.1360	20.365	41.397
%RSD	.5782634	1.100973	.3570938	3.743953
#1	1764.583	927.8038	5688.446	1134.988
#2	1750.211	913.4694	5717.246	1076.443

Sample Name: CCB Acquired: 11/29/2021 21:18:47 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004797**	**.1408197**	**-.002056**	**-.000020**	**.0010786**	**.0000005**
Stddev	.0010147	.0267623	.000062	.000218	.0000363	.0000484
%RSD	211.5348	19.00464	3.017621	1067.718	3.362153	10280.56
#1	.0011972	.1597435	-.002012	.000134	.0010530	.0000347
#2	-.000238	.1218959	-.002100	-.000174	.0011043	-.000034
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002758**	**-.000741**	**.0000685**	F **.0526343**	**-.000002**	**-.000772**
Stddev	.0011201	.003160	.0001573	.0411532	.000477	.002047
%RSD	406.1642	426.5226	229.5538	78.18712	19345.16	265.2306
#1	.0010678	.001493	-.000043	.0817340	-.000340	-.002219
#2	-.000516	-.002975	.000180	.0235346	.000335	.000676
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014907**	**.1550833**	**-.065402**	**.0006083**	**-.005568**	**.0010809**
Stddev	.0001042	.2665479	.017618	.0001799	.013409	.0005646
%RSD	6.989006	171.8740	26.93755	29.57907	240.8249	52.23315
#1	.0015643	-.033394	-.052944	.0004810	-.015049	.0006817
#2	.0014170	.343561	-.077859	.0007355	.003914	.0014801
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/29/2021 21:18:47 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001371	.0456993	-.000435	.0004239	.0001639	-.000416
Stddev	.0000296	.0008257	.001225	.0002675	.0002424	.003263
%RSD	21.57085	1.806893	281.7609	63.09350	147.8414	784.3709
#1	.0001580	.0462832	.000431	.0002348	.0003353	.001891
#2	.0001162	.0451154	-.001301	.0006130	-.000007	-.002724
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070341	-.001278	-.000016	.0001838	.0008991	.0010643
Stddev	.0011428	.000142	.000023	.0002348	.0000143	.0001215
%RSD	16.24693	11.10713	137.8091	127.7338	1.591272	11.41444
#1	.0078422	-.001379	-.000032	.0000178	.0009092	.0011503
#2	.0062260	-.001178	-.000000	.0003498	.0008890	.0009784
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	-.000508
Stddev	.000076
%RSD	14.89821
#1	-.000561
#2	-.000454
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/29/2021 21:18:47 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2200.389	965.5926	5775.805	1103.268
Stddev	11.801	11.0722	36.699	5.936
%RSD	.5363305	1.146675	.6353902	.5380385
#1	2208.734	973.4218	5801.755	1107.466
#2	2192.045	957.7633	5749.855	1099.071

Sample Name: CCV Acquired: 11/29/2021 21:15:39 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4904326**	**49.47415**	**.5042173**	**.5044711**	F **.5633505**	**.4673327**
Stddev	.0032120	.05417	.0061580	.0017561	.0028604	.0058696
%RSD	.6549371	.1094904	1.221297	.3481176	.5077403	1.255983
#1	.4927039	49.51246	.4998629	.5032293	.5653731	.4714831
#2	.4881614	49.43585	.5085716	.5057129	.5613279	.4631822
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value					.5000000	
Range					10.00000%	

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5138312**	**24.29278**	**.5070836**	F **.1880855**	**.5215444**	**.4725993**
Stddev	.0000015	.36302	.0005088	.0469572	.0004580	.0015919
%RSD	.0002849	1.494370	.1003306	24.96585	.0878233	.3368363
#1	.5138302	24.54948	.5074433	.2212893	.5218683	.4737250
#2	.5138322	24.03609	.5067238	.1548818	.5212205	.4714737
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5127106**	**24.42617**	**48.10699**	**3.956137**	**24.36364**	**4.925127**
Stddev	.0034503	.07176	.35499	.015201	.31920	.046414
%RSD	.6729540	.2937818	.7379157	.3842291	1.310166	.9424001
#1	.5102709	24.37543	48.35800	3.966886	24.58935	4.957947
#2	.5151503	24.47691	47.85598	3.945389	24.13793	4.892307
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/29/2021 21:15:39 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4853386**	**24.90755**	**.5121133**	**.5109138**	**.4885303**	**.4930421**
Stddev	.0003683	.10637	.0010472	.0010252	.0041708	.0051206
%RSD	.0758908	.4270433	.2044829	.2006693	.8537482	1.038567
#1	.4850782	24.98276	.5113728	.5116388	.4855811	.4894213
#2	.4855991	24.83233	.5128538	.5101889	.4914795	.4966629
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.5714934**	**.5158489**	**.4908397**	**.4917445**	**.4957033**	**4.868620**
Stddev	.0010180	.0014310	.0000556	.0012713	.0005557	.006148
%RSD	.1781370	.2774027	.0113179	.2585188	.1120999	.1262870
#1	.5722132	.5148371	.4908005	.4926434	.4960962	4.872968
#2	.5707735	.5168608	.4908790	.4908456	.4953104	4.864273
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	10.00000%					

Elem	Zn2062
Units	ppm
Avg	**.5218320**
Stddev	.0029313
%RSD	.5617302
#1	.5239047
#2	.5197593
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/29/2021 21:15:39 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1857.113	919.9973	5607.524	1199.674
Stddev	6.031	4.8012	19.452	4.595
%RSD	.3247521	.5218758	.3468893	.3830521
#1	1861.377	923.3923	5621.278	1196.424
#2	1852.848	916.6023	5593.769	1202.923

Sample Name: 500-208578-f-6-c Acquired: 11/29/2021 21:22:06 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020114	65.91218	.0391315	.0979058	.4883819	.0051474	-.008898
Stddev	.0006063	.42518	.0012992	.0001561	.0036406	.0001258	.000656
%RSD	30.14404	.6450704	3.320077	.1594738	.7454346	2.443648	7.375852
#1	.0015826	66.21283	.0400502	.0977954	.4909561	.0050584	-.008434
#2	.0024401	65.61153	.0382128	.0980162	.4858076	.0052363	-.009362
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	69.87529	.0025701	.4167202	.1585888	.1899735	.3065781	162.5392
Stddev	.22818	.0002211	.0706898	.0001523	.0081352	.0128397	1.0017
%RSD	.3265497	8.603947	16.96338	.0960620	4.282273	4.188075	.6163040
#1	70.03664	.0027265	.3667349	.1586965	.1842211	.2974991	163.2475
#2	69.71394	.0024138	.4667054	.1584811	.1957260	.3156572	161.8309
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.783367	.0829234	6.810153	13.94191	.0126876	1.583710	1.408915
Stddev	.032650	.0001398	.096769	.06056	.0000232	.012775	.005354
%RSD	.6825789	.1685627	1.420958	.4343430	.1826897	.8066668	.3799953
#1	4.806455	.0828245	6.878579	13.98473	.0127040	1.592744	1.405129
#2	4.760280	.0830222	6.741727	13.89910	.0126712	1.574676	1.412701
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208578-f-6-c Acquired: 11/29/2021 21:22:06 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2574969	.0087966	.0007169	5.353198	.0479575	.1949828	1.745170
Stddev	.0018921	.0006998	.0007975	.041304	.0029568	.0073281	.064647
%RSD	.7348130	7.955828	111.2438	.7715697	6.165405	3.758305	3.704353
#1	.2561590	.0083017	.0012809	5.323992	.0458667	.1898011	1.699457
#2	.2588348	.0092914	.0001530	5.382404	.0500482	.2001645	1.790882
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000441	.1252237	.5904668
Stddev	.000937	.0042037	.0015417
%RSD	212.4991	3.356963	.2611074
#1	-.001104	.1222512	.5893766
#2	.000222	.1281962	.5915569
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1786.124	928.1125	5709.435	1086.094
Stddev	6.529	3.2398	149.459	5.875
%RSD	.3655551	.3490757	2.617757	.5408839
#1	1790.741	930.4034	5815.118	1081.940
#2	1781.507	925.8216	5603.751	1090.248

Sample Name: 500-208578-f-7-e Acquired: 11/29/2021 21:25:17 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042641	36.26342	.0545966	.0539499	1.669759	.0044986
Stddev	.0001589	.61702	.0026621	.0002648	.042520	.0001322
%RSD	3.725562	1.701496	4.875903	.4908553	2.546496	2.939756
#1	.0041518	35.82712	.0527143	.0541372	1.639693	.0044051
#2	.0043764	36.69971	.0564790	.0537627	1.699825	.0045921
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000318	F 1353.868	.0085853	.5886571	.0412052	.2988655
Stddev	.000456	11.824	.0002288	.0449896	.0001325	.0048828
%RSD	143.3490	.8733430	2.664807	7.642755	.3215312	1.633763
#1	-.000641	1345.507	.0084235	.6204696	.0412989	.2954129
#2	.000004	1362.229	.0087470	.5568447	.0411116	.3023181
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4460389	301.4653	8.911882	.0524528	171.8983	3.475971
Stddev	.0146562	4.5114	.167237	.0014929	3.7211	.059171
%RSD	3.285859	1.496496	1.876561	2.846146	2.164721	1.702277
#1	.4356754	298.2753	8.793628	.0513971	169.2671	3.434131
#2	.4564024	304.6554	9.030136	.0535084	174.5295	3.517811
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208578-f-7-e Acquired: 11/29/2021 21:25:17 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0404091**	**1.845190**	**.2009417**	**1.378494**	**.0135543**	**.0005105**
Stddev	.0008690	.045694	.0013264	.011152	.0020174	.0020546
%RSD	2.150552	2.476401	.6600871	.8090061	14.88414	402.4489
#1	.0397946	1.812880	.2000038	1.370608	.0149809	.0019633
#2	.0410236	1.877501	.2018796	1.386379	.0121278	-.000942
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.431199**	**.0633886**	**1.396047**	**1.065801**	**-.001333**	**.1423997**
Stddev	.056731	.0034230	.017519	.026683	.000646	.0023811
%RSD	1.280261	5.400089	1.254925	2.503605	48.50067	1.672107
#1	4.391084	.0658090	1.383659	1.046933	-.001790	.1407160
#2	4.471313	.0609681	1.408435	1.084669	-.000876	.1440833
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**1.689089**
Stddev	.029280
%RSD	1.733454
#1	1.668386
#2	1.709793
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208578-f-7-e Acquired: 11/29/2021 21:25:17 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1362.415	797.4125	4991.431	1223.216
Stddev	9.513	2.1082	101.252	11.778
%RSD	.6982088	.2643772	2.028511	.9628519
#1	1369.142	798.9032	5063.027	1231.544
#2	1355.689	795.9218	4919.836	1214.888

Sample Name: 500-208578-f-8-c Acquired: 11/29/2021 21:28:38 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0053767**	**53.41815**	**.0366299**	**.1259820**	**1.189824**	**.0054774**	**-.009563**
Stddev	.0000148	1.47578	.0026704	.0006101	.030968	.0002167	.000277
%RSD	.2749080	2.762700	7.290239	.4842529	2.602724	3.956215	2.892637
#1	.0053662	54.46169	.0385182	.1264133	1.211721	.0056307	-.009758
#2	.0053871	52.37462	.0347416	.1255506	1.167926	.0053242	-.009367
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**165.9640**	**.0134974**	**.4588121**	**.0406272**	**.1874725**	**.5815041**	**134.6252**
Stddev	4.1940	.0000980	.0178617	.0004315	.0027228	.0021191	2.4696
%RSD	2.527066	.7258339	3.893024	1.062090	1.452396	.3644179	1.834439
#1	168.9296	.0135667	.4461820	.0409323	.1855471	.5800056	136.3715
#2	162.9984	.0134282	.4714422	.0403221	.1893978	.5830025	132.8790
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.244729**	**.0571277**	**39.56775**	**2.330745**	**.0497502**	**1.344254**	**.1573418**
Stddev	.269391	.0019997	1.09757	.056051	.0003351	.031585	.0008808
%RSD	2.913996	3.500414	2.773897	2.404848	.6735804	2.349629	.5598265
#1	9.435218	.0585417	40.34385	2.370379	.0499872	1.366588	.1579647
#2	9.054241	.0557137	38.79165	2.291111	.0495133	1.321920	.1567190
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208578-f-8-c Acquired: 11/29/2021 21:28:38 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9706464	.0097661	.0135621	2.676556	.0570204	.3792700	1.509148
Stddev	.0033552	.0031321	.0022871	.015199	.0018899	.0022685	.010374
%RSD	.3456669	32.07107	16.86408	.5678582	3.314454	.5981354	.6873744
#1	.9730189	.0119808	.0119449	2.665809	.0556840	.3776659	1.501813
#2	.9682739	.0075514	.0151794	2.687303	.0583567	.3808741	1.516483
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0041655	.1681241	3.037515
Stddev	.0027889	.0018187	.006207
%RSD	66.95229	1.081734	.2043324
#1	.0021934	.1668381	3.033127
#2	.0061375	.1694100	3.041904
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.551	932.7849	5754.110	1092.001
Stddev	3.929	3.8411	5.038	23.939
%RSD	.2282162	.4117833	.0875546	2.192214
#1	1718.773	930.0689	5757.672	1075.074
#2	1724.329	935.5010	5750.547	1108.929

Sample Name: 500-208578-f-9-c Acquired: 11/29/2021 21:31:49 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0034962**	**62.88012**	**.0354472**	**.0375462**	**1.454215**	**.0038395**	**-.011401**
Stddev	.0010855	.39196	.0012326	.0007607	.009378	.0000448	.003828
%RSD	31.04855	.6233410	3.477382	2.026111	.6449098	1.167514	33.57458
#1	.0042638	62.60296	.0345756	.0370083	1.447583	.0038712	-.008694
#2	.0027286	63.15727	.0363188	.0380841	1.460846	.0038079	-.014108
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**91.04304**	**.0016236**	**.6955199**	**.0408339**	**.0883419**	**.0660771**	**89.72571**
Stddev	.54995	.0001288	.0462002	.0002238	.0000436	.0000145	.64380
%RSD	.6040498	7.932160	6.642543	.5481929	.0493207	.0219921	.7175185
#1	91.43191	.0017146	.7281884	.0406756	.0883111	.0660668	90.18095
#2	90.65417	.0015325	.6628514	.0409922	.0883727	.0660873	89.27048
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**13.35799**	**.0730135**	**43.25892**	**2.380486**	**.0046981**	**1.750873**	**.1085383**
Stddev	.10822	.0007307	.05738	.014645	.0005259	.021496	.0025319
%RSD	.8101654	1.000765	.1326462	.6152274	11.19334	1.227745	2.332683
#1	13.28146	.0724968	43.21834	2.390842	.0043263	1.735672	.1067480
#2	13.43451	.0735301	43.29949	2.370130	.0050700	1.766073	.1103286
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208578-f-9-c Acquired: 11/29/2021 21:31:49 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0594630	.0038823	-.004546	2.188717	.0229225	.2566000	1.707739
Stddev	.0023480	.0005301	.000259	.017354	.0000831	.0000049	.001664
%RSD	3.948639	13.65296	5.702103	.7928681	.3623490	.0018946	.0974155
#1	.0578028	.0042571	-.004730	2.176446	.0229812	.2566034	1.706562
#2	.0611233	.0035075	-.004363	2.200988	.0228637	.2565965	1.708915
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0007835	.1603122	.2948082
Stddev	.0009726	.0001940	.0056381
%RSD	124.1330	.1209900	1.912476
#1	.0014712	.1601751	.2908214
#2	.0000958	.1604494	.2987950
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1770.297	960.3403	5961.886	1142.188
Stddev	21.421	10.8001	18.525	6.708
%RSD	1.210023	1.124614	.3107280	.5872673
#1	1785.443	967.9771	5974.985	1146.931
#2	1755.150	952.7034	5948.787	1137.445

Sample Name: 500-208578-f-10-c Acquired: 11/29/2021 21:35:02 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079688	51.52808	.0531071	.2115013	1.095233	.0079400
Stddev	.0010370	.94167	.0028099	.0011555	.025902	.0000354
%RSD	13.01379	1.827485	5.290963	.5463304	2.365000	.4458334
#1	.0072355	52.19394	.0550940	.2123184	1.113548	.0079650
#2	.0087021	50.86222	.0511203	.2106842	1.076917	.0079149
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006313	F 1012.973	.0247329	.5812714	.1121021	.1593807
Stddev	.002796	15.226	.0002600	.0011973	.0011164	.0000780
%RSD	44.28732	1.503107	1.051268	.2059773	.9959058	.0489474
#1	-.004336	1023.739	.0249167	.5821180	.1128915	.1594359
#2	-.008290	1002.206	.0245490	.5804248	.1113126	.1593256
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.121096	197.2328	9.301673	.0532488	208.4071	9.582909
Stddev	.010620	3.5435	.240947	.0018293	4.6229	.151370
%RSD	.9472580	1.796593	2.590361	3.435430	2.218213	1.579583
#1	1.128605	199.7384	9.472048	.0545423	211.6760	9.689944
#2	1.113587	194.7272	9.131298	.0519553	205.1382	9.475874
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208578-f-10-c Acquired: 11/29/2021 21:35:02 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0632685**	**2.436813**	**.2166451**	**5.894769**	**.0075012**	**.0054416**
Stddev	.0000672	.056142	.0002099	.017040	.0023634	.0031693
%RSD	.1062526	2.303910	.0968983	.2890665	31.50693	58.24280
#1	.0633161	2.476511	.2167936	5.906818	.0091724	.0032005
#2	.0632210	2.397114	.2164967	5.882720	.0058300	.0076827
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.669354**	**.0359873**	**.8932061**	**1.352719**	**-.000436**	**.1520607**
Stddev	.003046	.0034636	.0019718	.014945	.004121	.0006498
%RSD	.0652315	9.624625	.2207594	1.104831	944.0539	.4273514
#1	4.671508	.0384365	.8946004	1.363287	.002477	.1525202
#2	4.667200	.0335381	.8918118	1.342151	-.003350	.1516012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**3.071984**
Stddev	.021196
%RSD	.6899708
#1	3.086972
#2	3.056996
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208578-f-10-c Acquired: 11/29/2021 21:35:02 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1406.629	816.8613	5213.724	1179.861
Stddev	4.203	.5356	23.019	16.220
%RSD	.2987841	.0655697	.4415060	1.374710
#1	1403.657	817.2401	5197.447	1168.392
#2	1409.601	816.4826	5230.000	1191.330

Sample Name: 500-208578-f-11-c Acquired: 11/29/2021 21:38:19 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131338	73.28010	.0715249	.2069537	2.299589	.0076998
Stddev	.0001256	.70382	.0032970	.0005242	.014656	.0001517
%RSD	.9564051	.9604578	4.609602	.2533029	.6373314	1.969671
#1	.0132226	73.77778	.0738563	.2065830	2.309952	.0075926
#2	.0130450	72.78242	.0691936	.2073244	2.289226	.0078070
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005132	124.7918	.0086587	.5772593	.0628309	.1532328
Stddev	.001107	1.6132	.0000270	.0059770	.0013425	.0024218
%RSD	21.57132	1.292723	.3122304	1.035403	2.136658	1.580465
#1	-.005915	125.9325	.0086396	.5814857	.0618817	.1549453
#2	-.004349	123.6511	.0086778	.5730330	.0637802	.1515204
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.627778	208.4971	11.03709	.0690911	23.35678	2.440632
Stddev	.012648	2.7970	.02369	.0003653	.26645	.018388
%RSD	.4813161	1.341489	.2146470	.5287559	1.140788	.7534159
#1	2.618834	210.4749	11.05385	.0693495	23.54519	2.453634
#2	2.636721	206.5194	11.02034	.0688328	23.16837	2.427630
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	2.000000					
Low Limit	-.010000					

Sample Name: 500-208578-f-11-c Acquired: 11/29/2021 21:38:19 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0462025	1.994048	.2153523	2.278782	.0154754	.0048393
Stddev	.0010490	.015108	.0020557	.028709	.0005262	.0002075
%RSD	2.270505	.7576648	.9545506	1.259854	3.400444	4.288484
#1	.0454607	2.004731	.2138988	2.258481	.0158475	.0046925
#2	.0469443	1.983365	.2168059	2.299082	.0151033	.0049860
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.070379	.2477869	.3147108	1.901315	.0036564	.2020067
Stddev	.029851	.0011182	.0005521	.010074	.0034946	.0019474
%RSD	.9722266	.4512691	.1754141	.5298553	95.57485	.9640338
#1	3.049271	.2469962	.3151012	1.908439	.0011853	.2033837
#2	3.091487	.2485776	.3143205	1.894192	.0061274	.2006297
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	4.658469
Stddev	.072647
%RSD	1.559457
#1	4.607100
#2	4.709838
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208578-f-11-c Acquired: 11/29/2021 21:38:19 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1717.905	919.6757	5699.930	1103.954
Stddev	7.023	1.8517	7.857	12.068
%RSD	.4088214	.2013394	.1378475	1.093166
#1	1722.871	918.3664	5705.486	1095.421
#2	1712.939	920.9851	5694.374	1112.488

Sample Name: 500-208578-f-12-c Acquired: 11/29/2021 21:41:30 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056908	104.9601	.0622924	.0711558	1.941723	.0069371	-.007964
Stddev	.0008469	.6237	.0001176	.0008011	.005572	.0000284	.000995
%RSD	14.88107	.5942509	.1888184	1.125870	.2869585	.4095031	12.49283
#1	.0050920	105.4012	.0623756	.0717223	1.945663	.0069170	-.007260
#2	.0062896	104.5191	.0622092	.0705893	1.937783	.0069572	-.008667
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.34085	.0057048	.8093327	.0736916	.1347640	.1780459	158.5351
Stddev	.17076	.0001371	.0070178	.0000114	.0012942	.0006027	1.1778
%RSD	.3939900	2.402452	.8671087	.0155285	.9603329	.3384825	.7429341
#1	43.46159	.0056079	.8142950	.0736997	.1356791	.1776198	159.3679
#2	43.22010	.0058017	.8043703	.0736836	.1338489	.1784721	157.7022
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.02278	.1060678	36.69216	2.363131	.0075969	1.176213	.1842463
Stddev	.09202	.0006013	.26608	.008348	.0005375	.007614	.0001333
%RSD	.4377171	.5668963	.7251785	.3532533	7.074897	.6473121	.0723745
#1	21.08785	.1064929	36.88031	2.369034	.0079769	1.181596	.1841520
#2	20.95771	.1056426	36.50402	2.357228	.0072168	1.170829	.1843406
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208578-f-12-c Acquired: 11/29/2021 21:41:30 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3238126	.0060960	-.002755	2.964964	.1067073	.2380432	1.459504
Stddev	.0019367	.0007348	.003777	.012160	.0016020	.0003851	.002596
%RSD	.5981042	12.05402	137.1002	.4101134	1.501268	.1617804	.1778920
#1	.3224431	.0066156	-.005426	2.956366	.1078401	.2383155	1.461340
#2	.3251821	.0055764	-.000084	2.973562	.1055746	.2377709	1.457668
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0012551	.2411335	.9173362
Stddev	.0003755	.0001176	.0006984
%RSD	29.92033	.0487562	.0761332
#1	.0009896	.2410503	.9168423
#2	.0015206	.2412166	.9178300
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1760.215	995.0476	6133.542	1160.667
Stddev	2.642	2.2174	9.347	10.647
%RSD	.1501159	.2228478	.1523871	.9173135
#1	1762.083	996.6156	6140.151	1153.138
#2	1758.346	993.4797	6126.933	1168.195

Sample Name: 500-208578-f-13-c Acquired: 11/29/2021 21:44:41 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0098202**	**143.9612**	**.0340332**	**.1796723**	F **8.838978**	**.0199066**
Stddev	.0012382	1.2548	.0001633	.0008918	.090358	.0000488
%RSD	12.60858	.8716221	.4799116	.4963586	1.022265	.2451701
#1	.0089447	143.0739	.0339177	.1790417	8.775085	.0199411
#2	.0106957	144.8485	.0341487	.1803029	8.902871	.0198721
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					7.500000	
Low Limit					-.010000	

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.005118**	F **1229.224**	**.0335463**	**1.053564**	**.0472034**	**.5873780**
Stddev	.002476	10.737	.0002211	.047495	.0002367	.0000831
%RSD	48.38188	.8734695	.6590175	4.508046	.5014549	.0141544
#1	-.003367	1221.632	.0333900	1.019980	.0473708	.5874368
#2	-.006869	1236.816	.0337027	1.087148	.0470360	.5873192
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.813252**	**163.3417**	**18.20254**	**.1273318**	**260.5915**	**13.22633**
Stddev	.003394	2.0665	.13563	.0007701	2.6601	.12517
%RSD	.1871517	1.265124	.7451051	.6047860	1.020795	.9463715
#1	1.810853	161.8804	18.10663	.1267873	258.7105	13.13782
#2	1.815652	164.8029	18.29844	.1278764	262.4724	13.31484
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208578-f-13-c Acquired: 11/29/2021 21:44:41 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0620571**	**9.177254**	**.1986367**	**4.721672**	**.0084787**	**.0050130**
Stddev	.0006024	.087416	.0025108	.017554	.0016062	.0007632
%RSD	.9707172	.9525311	1.264022	.3717843	18.94332	15.22434
#1	.0624831	9.115441	.1968612	4.709260	.0096144	.0044733
#2	.0616312	9.239066	.2004121	4.734085	.0073430	.0055527
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.771561**	**.0776706**	**1.164063**	F **3.270083**	**.0036895**	**.1834241**
Stddev	.011768	.0009148	.010192	.000917	.0015457	.0004568
%RSD	.4245938	1.177808	.8755278	.0280524	41.89402	.2490277
#1	2.763240	.0770237	1.156856	3.270732	.0025966	.1837471
#2	2.779882	.0783175	1.171270	3.269434	.0047825	.1831011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				3.000000		
Low Limit				-.005000		

Elem	Zn2062
Units	ppm
Avg	**9.932168**
Stddev	.019985
%RSD	.2012181
#1	9.946300
#2	9.918036
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208578-f-13-c Acquired: 11/29/2021 21:44:41 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1357.427	868.6559	5357.927	1191.778
Stddev	3.041	4.2184	3.489	9.280
%RSD	.2240144	.4856238	.0651133	.7786363
#1	1359.577	871.6387	5355.461	1198.340
#2	1355.277	865.6730	5360.394	1185.216

Sample Name: 500-208578-f-14-c Acquired: 11/29/2021 21:47:57 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024197	127.9760	.0287618	.1926443	5.231041	.0139574
Stddev	.0000235	1.2123	.0014110	.0001850	.023791	.0000798
%RSD	.9701981	.9473200	4.905715	.0960203	.4547976	.5716801
#1	.0024363	127.1188	.0297595	.1927751	5.214219	.0140138
#2	.0024031	128.8333	.0277641	.1925135	5.247864	.0139010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002079	F 859.6166	.0077707	.9523596	.0301212	.8394732
Stddev	.001067	9.8793	.0003147	.0068191	.0003971	.0051632
%RSD	51.31843	1.149266	4.050311	.7160187	1.318381	.6150562
#1	-.002834	852.6309	.0075481	.9571814	.0298404	.8431241
#2	-.001325	866.6023	.0079932	.9475378	.0304020	.8358222
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4467323	204.4263	18.28926	.1627999	149.6252	F 61.74563
Stddev	.0018374	2.1589	.03682	.0002413	.8510	.59383
%RSD	.4113027	1.056102	.2013374	.1481893	.5687460	.9617332
#1	.4454330	202.8997	18.26322	.1626293	149.0235	61.32573
#2	.4480316	205.9529	18.31529	.1629705	150.2270	62.16553
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						20.00000
Low Limit						-.010000

Sample Name: 500-208578-f-14-c Acquired: 11/29/2021 21:47:57 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0329669**	**5.389332**	**.1326062**	**1.501949**	**.0039842**	**.0140204**
Stddev	.0006034	.020134	.0005222	.001079	.0007939	.0027593
%RSD	1.830296	.3735871	.3938304	.0718729	19.92691	19.68036
#1	.0333935	5.375095	.1329754	1.502712	.0034228	.0159716
#2	.0325402	5.403569	.1322369	1.501186	.0045456	.0120693
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.808697**	**.0611682**	**.6902469**	F **4.866904**	**.0053452**	**.8475620**
Stddev	.014626	.0035262	.0067965	.000011	.0002534	.0041966
%RSD	.3041517	5.764699	.9846425	.0002237	4.739736	.4951316
#1	4.798355	.0636616	.6950527	4.866896	.0055243	.8505294
#2	4.819039	.0586748	.6854411	4.866911	.0051660	.8445946
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				3.000000		
Low Limit				-.005000		

Elem	Zn2062
Units	ppm
Avg	**1.413125**
Stddev	.007655
%RSD	.5417410
#1	1.418539
#2	1.407712
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208578-f-14-c Acquired: 11/29/2021 21:47:57 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1430.992	879.3664	5419.015	1177.534
Stddev	6.106	6.9737	31.774	2.097
%RSD	.4266970	.7930361	.5863352	.1781111
#1	1435.309	884.2976	5441.483	1176.051
#2	1426.674	874.4353	5396.548	1179.017

Sample Name: 500-208578-f-15-c Acquired: 11/29/2021 21:51:13 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035831	63.24351	.0245785	.0304557	1.525772	.0043237	-.012624
Stddev	.0006651	.50807	.0034251	.0004441	.014461	.0000935	.000785
%RSD	18.56088	.8033611	13.93543	1.458245	.9477870	2.162097	6.220308
#1	.0040534	63.60277	.0270004	.0307697	1.535998	.0043898	-.012068
#2	.0031129	62.88425	.0221566	.0301417	1.515547	.0042576	-.013179
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	95.92574	.0019375	.5975044	.0433031	.0892665	.0864680	86.33333
Stddev	.21938	.0002779	.0167747	.0001189	.0002886	.0007837	.73015
%RSD	.2286931	14.34229	2.807455	.2745556	.3232701	.9063660	.8457340
#1	95.77062	.0017411	.5856430	.0433872	.0890624	.0870222	86.84963
#2	96.08086	.0021340	.6093659	.0432191	.0894705	.0859138	85.81704
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.95568	.0762674	41.12081	3.013035	.0079688	.9716489	.1175327
Stddev	.07550	.0015981	.38177	.014337	.0004414	.0145736	.0006318
%RSD	.5410030	2.095371	.9284132	.4758447	5.538462	1.499879	.5375190
#1	14.00907	.0773975	41.39077	3.023173	.0082809	.9819540	.1179794
#2	13.90229	.0751374	40.85086	3.002897	.0076568	.9613439	.1170860
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208578-f-15-c Acquired: 11/29/2021 21:51:13 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0677147	.0031443	-.002725	2.227786	.0220105	.2614453	1.627547
Stddev	.0042511	.0002573	.002968	.012988	.0007945	.0011086	.002149
%RSD	6.277972	8.184117	108.8884	.5830064	3.609622	.4240430	.1320147
#1	.0707207	.0029623	-.000627	2.218602	.0225723	.2622292	1.629067
#2	.0647087	.0033263	-.004824	2.236970	.0214487	.2606614	1.626028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0002517	.1568254	.3030227
Stddev	.0008430	.0000355	.0002462
%RSD	334.8995	.0226575	.0812516
#1	-.000344	.1568002	.3028486
#2	.000848	.1568505	.3031968
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.188	950.3795	5862.478	1095.819
Stddev	8.459	6.0589	50.869	8.175
%RSD	.4824999	.6375206	.8677023	.7460181
#1	1759.169	954.6638	5826.508	1090.039
#2	1747.206	946.0952	5898.448	1101.600

Sample Name: CCV Acquired: 11/29/2021 21:54:25 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4860423**	**49.83108**	**.5042851**	**.5045861**	F **.5676764**	**.4733779**
Stddev	.0004518	.04705	.0080619	.0000570	.0017513	.0006529
%RSD	.0929594	.0944174	1.598684	.0113026	.3084962	.1379258
#1	.4863618	49.86435	.5099858	.5046264	.5664381	.4729162
#2	.4857228	49.79781	.4985845	.5045458	.5689147	.4738396
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value					.5000000	
Range					10.00000%	

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5147261**	**24.00519**	**.5050769**	F **.1594185**	**.5185048**	**.4642741**
Stddev	.0035740	.00332	.0021162	.0002950	.0030837	.0028945
%RSD	.6943446	.0138206	.4189862	.1850793	.5947219	.6234425
#1	.5172533	24.00284	.5065733	.1592099	.5206853	.4622274
#2	.5121990	24.00754	.5035805	.1596271	.5163243	.4663208
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5181501**	**24.44873**	**48.59583**	**4.053146**	**24.74980**	**4.909212**
Stddev	.0037288	.09890	.17134	.025743	.13338	.003252
%RSD	.7196396	.4045140	.3525721	.6351275	.5389258	.0662485
#1	.5155135	24.51866	48.47467	4.034944	24.65549	4.911512
#2	.5207868	24.37880	48.71698	4.071349	24.84412	4.906913
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/29/2021 21:54:25 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4843232	25.31950	.5078777	.5104546	.4862518	.4917463
Stddev	.0022551	.13913	.0019125	.0022861	.0023221	.0012659
%RSD	.4656220	.5494917	.3765689	.4478603	.4775589	.2574259
#1	.4859178	25.22113	.5092300	.5120711	.4878938	.4908512
#2	.4827286	25.41788	.5065253	.5088380	.4846098	.4926414
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .5666463	.5134252	.4927726	.4880117	.4899414	4.820973
Stddev	.0042670	.0029902	.0019325	.0000620	.0013413	.013021
%RSD	.7530275	.5824083	.3921670	.0127059	.2737587	.2700991
#1	.5696636	.5155396	.4914062	.4880556	.4908899	4.811766
#2	.5636291	.5113108	.4941391	.4879679	.4889930	4.830181
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	10.00000%					

Elem	Zn2062
Units	ppm
Avg	.5168905
Stddev	.0055771
%RSD	1.078963
#1	.5208341
#2	.5129469
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/29/2021 21:54:25 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.133	909.3518	5551.653	1173.258
Stddev	4.085	3.6379	21.797	7.865
%RSD	.2216308	.4000531	.3926158	.6703597
#1	1846.021	911.9241	5567.066	1178.820
#2	1840.244	906.7794	5536.241	1167.697

Sample Name: CCB Acquired: 11/29/2021 21:57:33 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007886	.1269172	-.004288	.0002187	.0005274	-.000117
Stddev	.0007579	.0182844	.000300	.0001970	.0001202	.000058
%RSD	96.11483	14.40656	7.004119	90.09154	22.80046	49.82562
#1	.0002526	.1139882	-.004501	.0003580	.0004423	-.000158
#2	.0013245	.1398462	-.004076	.0000794	.0006124	-.000075
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001420	-.004237	.0002099	F .0378711	.0000557	-.000255
Stddev	.0002482	.008846	.0000976	.0668137	.0001171	.001199
%RSD	174.8484	208.8125	46.48033	176.4240	210.2755	470.2439
#1	.0003175	-.010492	.0001409	-.009373	.0001385	.000593
#2	-.000034	.002019	.0002789	.085115	-.000027	-.001102
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018410	F .2009070	-.064624	.0011719	-.024846	.0004181
Stddev	.0002575	.0128838	.009083	.0002079	.001815	.0009949
%RSD	13.98544	6.412799	14.05538	17.73982	7.303328	237.9302
#1	.0016589	.2100172	-.058201	.0013189	-.023563	.0011216
#2	.0020230	.1917968	-.071047	.0010249	-.026129	-.000285
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.2000000				
Low Limit		-.200000				

Sample Name: CCB Acquired: 11/29/2021 21:57:33 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000235	.0440839	-.000079	.0010144	-.001027	-.000014
Stddev	.000206	.0001125	.000367	.0015253	.002672	.001584
%RSD	87.58556	.2551409	461.8786	150.3624	260.2615	10988.22
#1	-.000090	.0440044	.000180	.0020930	.000863	-.001134
#2	-.000381	.0441635	-.000339	-.000064	-.002916	.001105
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034423	-.000891	-.000025	.0000018	-.000904	.0001101
Stddev	.0000768	.001321	.000020	.0002457	.001402	.0005599
%RSD	2.230347	148.2739	81.12387	13504.77	155.0794	508.7853
#1	.0033880	-.001825	-.000011	-.000172	-.001896	.0005060
#2	.0034965	.000043	-.000039	.000176	.000087	-.000286
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	-.000516
Stddev	.000197
%RSD	38.08413
#1	-.000377
#2	-.000655
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/29/2021 21:57:33 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2199.309	955.1273	5789.824	1092.447
Stddev	3.010	4.1992	58.756	21.358
%RSD	.1368680	.4396496	1.014812	1.955047
#1	2201.437	958.0966	5831.371	1077.344
#2	2197.180	952.1580	5748.277	1107.549

Sample Name: mb 500-631245/1-a Acquired: 11/29/2021 22:00:54 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000073**	**.1554703**	**-.006152**	**-.000607**	**.0015018**	**-.000492**	**-.016767**
Stddev	.000933	.0272452	.000212	.000091	.0003935	.000428	.000029
%RSD	1282.091	17.52437	3.439734	15.05250	26.20323	86.97048	.1702415
#1	.000587	.1747356	-.006002	-.000543	.0017801	-.000794	-.016746
#2	-.000732	.1362051	-.006301	-.000672	.0012235	-.000189	-.016787
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0226768**	**.0011317**	**.0454755**	**-.000894**	**.0105691**	**.0016878**	**.3523712**
Stddev	.0094584	.0001080	.0237740	.000173	.0007330	.0000559	.2360673
%RSD	41.70961	9.541929	52.27872	19.32988	6.935144	3.311203	66.99394
#1	.0293649	.0010554	.0622863	-.000772	.0110874	.0016483	.1854464
#2	.0159887	.0012081	.0286647	-.001016	.0100508	.0017274	.5192960
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.106300**	**.0006608**	**-.002808**	**.0009610**	**.0021060**	**.0873515**	**-.000993**
Stddev	.094749	.0001697	.015587	.0004388	.0001229	.0023639	.000706
%RSD	89.13364	25.67688	555.0862	45.65962	5.834446	2.706242	71.10015
#1	-.173298	.0005408	.008214	.0012713	.0020191	.0856800	-.001493
#2	-.039302	.0007808	-.013830	.0006507	.0021929	.0890231	-.000494
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: mb 500-631245/1-a Acquired: 11/29/2021 22:00:54 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002589	.0056847	-.005187	.0203579	.0146191	.0000698	.0003160
Stddev	.000334	.0015195	.001885	.0050516	.0011039	.0000009	.0000003
%RSD	12.89482	26.73033	36.34542	24.81396	7.551324	1.315636	.0981599
#1	-.002353	.0067592	-.003854	.0239299	.0138386	.0000692	.0003162
#2	-.002825	.0046102	-.006520	.0167859	.0153998	.0000705	.0003158
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.006744	.0002066	.0018881
Stddev	.001580	.0003612	.0003514
%RSD	23.43539	174.8175	18.61037
#1	-.007861	.0004620	.0016396
#2	-.005626	-.000049	.0021365
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2091.147	922.6409	5735.332	909.5894
Stddev	.668	.9555	2.091	13.1609
%RSD	.0319314	.1035652	.0364589	1.446900
#1	2090.675	921.9652	5733.853	900.2833
#2	2091.619	923.3165	5736.810	918.8955

Sample Name: Ics 500-631245/2-a Acquired: 11/29/2021 22:04:14 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0426214	2.020980	.0807392	.8011021	1.983477	.0489295	.4285891
Stddev	.0008273	.032478	.0005373	.0008440	.004390	.0002271	.0007559
%RSD	1.940998	1.607066	.6654770	.1053529	.2213290	.4641939	.1763690
#1	.0420365	2.043946	.0803592	.8016989	1.980372	.0487689	.4291236
#2	.0432064	1.998014	.0811191	.8005053	1.986581	.0490901	.4280546
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.147854	.0450443	.1180334	.4671266	.1901237	.2471278	1.320959
Stddev	.268060	.0001856	.0256827	.0002136	.0034127	.0030367	.077719
%RSD	2.930302	.4121228	21.75884	.0457306	1.795001	1.228792	5.883536
#1	8.958307	.0449131	.0998730	.4672776	.1877105	.2449806	1.266004
#2	9.337401	.0451756	.1361938	.4669755	.1925369	.2492751	1.375915
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.748718	.5081996	9.463086	.4648611	.9771313	9.578092	.4794220
Stddev	.088535	.0055384	.057238	.0098463	.0004604	.028071	.0011889
%RSD	1.011976	1.089806	.6048540	2.118108	.0471179	.2930754	.2479837
#1	8.686114	.5121158	9.422612	.4578988	.9774568	9.597942	.4785813
#2	8.811322	.5042833	9.503559	.4718235	.9768057	9.558243	.4802627
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: lcs 500-631245/2-a Acquired: 11/29/2021 22:04:14 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0880929	.4746755	.0731415	4.135154	.9290978	.9324679	.9591540
Stddev	.0015569	.0049034	.0027400	.002086	.0062460	.0109127	.0110845
%RSD	1.767377	1.032994	3.746180	.0504338	.6722679	1.170304	1.155649
#1	.0869920	.4781427	.0750790	4.133679	.9246812	.9247514	.9513161
#2	.0891938	.4712083	.0712040	4.136628	.9335144	.9401843	.9669919
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0809892	.4722447	.4611799
Stddev	.0017258	.0054319	.0031919
%RSD	2.130835	1.150222	.6921253
#1	.0797689	.4684038	.4589229
#2	.0822095	.4760856	.4634370
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1964.197	914.2056	5638.752	1007.323
Stddev	3.742	3.9978	29.081	14.124
%RSD	.1905184	.4373001	.5157318	1.402170
#1	1961.551	911.3787	5659.315	997.336
#2	1966.843	917.0325	5618.188	1017.311

Sample Name: 500-208568-a-6-a Acquired: 11/29/2021 22:07:30 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035602	45.09973	.0324714	.0290631	.5563050	.0027517	-.013160
Stddev	.0004351	3.26157	.0040777	.0005644	.0400061	.0004271	.001278
%RSD	12.22109	7.231908	12.55796	1.942118	7.191402	15.52049	9.712422
#1	.0038679	42.79345	.0353548	.0286640	.5280164	.0024497	-.012256
#2	.0032525	47.40601	.0295880	.0294622	.5845936	.0030537	-.014064
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	364.3796	.0029851	.5339567	.0418028	.0782573	.0808867	86.16789
Stddev	28.7463	.0001365	.0248856	.0011457	.0013898	.0003091	7.04140
%RSD	7.889117	4.572525	4.660595	2.740665	1.775980	.3821130	8.171721
#1	344.0529	.0030816	.5163599	.0409927	.0792401	.0811053	81.18887
#2	384.7063	.0028886	.5515534	.0426129	.0772746	.0806682	91.14691
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.891678	.0517708	105.5114	4.258884	.0071696	.5898204	.0904712
Stddev	.347366	.0033699	7.8889	.321186	.0003358	.0429590	.0010922
%RSD	7.101156	6.509318	7.476860	7.541558	4.684266	7.283401	1.207218
#1	4.646053	.0493879	99.9331	4.031771	.0069321	.5594438	.0896989
#2	5.137302	.0541537	111.0897	4.485997	.0074070	.6201970	.0912435
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208568-a-6-a Acquired: 11/29/2021 22:07:30 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1546779	.0058581	-.006065	3.442656	.0219990	.3886817	.9003588
Stddev	.0003540	.0008355	.004980	.018174	.0025477	.0018809	.0026416
%RSD	.2288879	14.26305	82.10089	.5279086	11.58119	.4839174	.2933928
#1	.1544275	.0052673	-.009587	3.429805	.0238005	.3900117	.9022267
#2	.1549282	.0064489	-.002544	3.455507	.0201974	.3873517	.8984909
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.001265	.1112248	.3801057
Stddev	.001559	.0009004	.0011668
%RSD	123.3077	.8095593	.3069539
#1	-.002367	.1118615	.3792806
#2	-.000162	.1105881	.3809307
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1624.183	889.7332	5473.458	1081.101
Stddev	2.421	1.5169	45.743	56.615
%RSD	.1490581	.1704847	.8357283	5.236779
#1	1625.894	890.8058	5441.113	1121.134
#2	1622.471	888.6606	5505.803	1041.068

Sample Name: 500-208568-a-6-aSD@5 Acquired: 11/29/2021 22:10:44 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004943	9.397003	.0040772	.0065153	.1041433	.0006409	-.002906
Stddev	.0005568	.123973	.0001808	.0001502	.0016235	.0000977	.000003
%RSD	112.6423	1.319286	4.433778	2.304806	1.558933	15.24631	.0997661
#1	.0001006	9.484666	.0039493	.0064091	.1052913	.0005718	-.002903
#2	.0008880	9.309341	.0042050	.0066214	.1029953	.0007099	-.002908
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	73.09496	.0007887	.1622011	.0087008	.0164631	.0184280	17.51923
Stddev	.62567	.0001152	.0119775	.0001563	.0002471	.0000426	.28720
%RSD	.8559631	14.61026	7.384326	1.796468	1.501159	.2312268	1.639324
#1	73.53738	.0008701	.1537318	.0088113	.0162883	.0184582	17.72231
#2	72.65255	.0007072	.1706705	.0085903	.0166378	.0183979	17.31615
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8615497	.0108973	21.24911	.8602189	.0018383	.1499284	.0197890
Stddev	.0121055	.0004427	.36982	.0091068	.0001867	.0029605	.0001592
%RSD	1.405087	4.062867	1.740412	1.058663	10.15743	1.974580	.8045154
#1	.8529899	.0112104	21.51062	.8666584	.0017063	.1520218	.0199015
#2	.8701096	.0105842	20.98761	.8537794	.0019703	.1478351	.0196764
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208568-a-6-aSD@5 Acquired: 11/29/2021 22:10:44 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0309901	.0003074	-.001998	.7357120	.0058790	.0874024	.2023020
Stddev	.0001929	.0003115	.000234	.0166017	.0016090	.0005194	.0014302
%RSD	.6223880	101.3481	11.70547	2.256553	27.36861	.5942625	.7069793
#1	.0311265	.0000871	-.001833	.7474512	.0047413	.0877696	.2033133
#2	.0308537	.0005277	-.002163	.7239728	.0070168	.0870351	.2012907
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.002249	.0255357	.0775093
Stddev	.001417	.0002765	.0008957
%RSD	63.02456	1.082622	1.155665
#1	-.003251	.0253402	.0781427
#2	-.001247	.0257312	.0768759
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1916.511	921.2653	5622.590	1102.198
Stddev	3.864	2.2196	22.973	4.828
%RSD	.2015935	.2409278	.4085912	.4380137
#1	1913.779	919.6958	5606.345	1098.784
#2	1919.243	922.8348	5638.835	1105.612

Sample Name: 500-208568-a-6-b du Acquired: 11/29/2021 22:14:01 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0031357**	**42.35183**	**.0318367**	**.0338402**	**.4355157**	**.0025620**	**-.013490**
Stddev	.0008561	.81449	.0033130	.0004418	.0103901	.0000101	.001067
%RSD	27.30151	1.923144	10.40623	1.305684	2.385704	.3945699	7.911154
#1	.0037411	42.92776	.0294941	.0341526	.4428626	.0025692	-.014245
#2	.0025304	41.77590	.0341794	.0335278	.4281687	.0025549	-.012735
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**447.4479**	**.0028705**	**.5260291**	**.0416699**	**.0783821**	**.0829473**	**83.95122**
Stddev	7.2367	.0000473	.0068196	.0002928	.0008588	.0006425	1.89120
%RSD	1.617334	1.646442	1.296425	.7026280	1.095645	.7745934	2.252739
#1	452.5650	.0029039	.5212069	.0418769	.0777748	.0824929	85.28850
#2	442.3307	.0028371	.5308513	.0414629	.0789893	.0834016	82.61393
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.788440**	**.0506406**	**164.3102**	**3.980512**	**.0071394**	**.6320262**	**.0900198**
Stddev	.142293	.0014643	3.7719	.069580	.0001127	.0124474	.0018186
%RSD	2.971603	2.891645	2.295598	1.748020	1.578765	1.969440	2.020219
#1	4.889056	.0516761	166.9773	4.029713	.0072191	.6408278	.0887338
#2	4.687823	.0496052	161.6430	3.931312	.0070597	.6232246	.0913057
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208568-a-6-b du Acquired: 11/29/2021 22:14:01 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1318040	.0063991	-.001776	4.578303	.0221086	.2510709	.9990444
Stddev	.0011570	.0004157	.001885	.015647	.0001314	.0018449	.0076131
%RSD	.8778491	6.495743	106.1075	.3417656	.5945134	.7347946	.7620379
#1	.1309858	.0066930	-.000444	4.589367	.0222016	.2497664	.9936611
#2	.1326221	.0061052	-.003109	4.567239	.0220157	.2523754	1.004428
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.004149	.1080851	.3824736
Stddev	.002233	.0001739	.0000942
%RSD	53.80696	.1608832	.0246390
#1	-.002571	.1079622	.3825403
#2	-.005728	.1082081	.3824070
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1542.381	852.4716	5260.504	1108.603
Stddev	10.877	6.6673	36.518	23.173
%RSD	.7051783	.7821166	.6941925	2.090330
#1	1534.690	847.7571	5286.326	1092.217
#2	1550.072	857.1861	5234.682	1124.990

Sample Name: 500-208568-a-6-c ms Acquired: 11/29/2021 22:17:15 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0477429**	**94.11475**	**.1387692**	**.8532743**	**3.262956**	**.0545179**	**.5309550**
Stddev	.0000861	.03042	.0029452	.0067670	.002529	.0003799	.0011000
%RSD	.1804279	.0323247	2.122347	.7930641	.0775116	.6968389	.2071656
#1	.0478038	94.09324	.1408517	.8580593	3.261168	.0542492	.5317328
#2	.0476820	94.13626	.1366866	.8484893	3.264745	.0547865	.5301773
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**335.3057**	**.0501355**	**.5998198**	**.5833345**	**.2950321**	**.3690201**	**118.5726**
Stddev	.9928	.0001045	.0284902	.0000221	.0019848	.0018682	.0918
%RSD	.2960888	.2085376	4.749786	.0037836	.6727235	.5062712	.0773871
#1	336.0077	.0502094	.6199654	.5833189	.2964355	.3676990	118.6375
#2	334.6037	.0500616	.5796743	.5833501	.2936286	.3703411	118.5077
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**22.67633**	**.6672180**	**127.6826**	**6.357985**	**.9355506**	**12.23441**	**.6375132**
Stddev	.05641	.0006917	.1597	.003176	.0071668	.00812	.0014539
%RSD	.2487425	.1036654	.1250842	.0499587	.7660478	.0663699	.2280647
#1	22.63644	.6667289	127.7956	6.360231	.9406182	12.24015	.6385413
#2	22.71621	.6677071	127.5697	6.355739	.9304829	12.22867	.6364851
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208568-a-6-c ms Acquired: 11/29/2021 22:17:15 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2743149	.2606549	.0839665	9.528049	1.017094	1.156421	2.538049
Stddev	.0009593	.0021528	.0030861	.052882	.003377	.009452	.002557
%RSD	.3496935	.8259099	3.675350	.5550166	.3320249	.8173469	.1007477
#1	.2736366	.2621772	.0817843	9.565442	1.014706	1.163104	2.539857
#2	.2749932	.2591327	.0861486	9.490655	1.019482	1.149737	2.536240
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0893047	.6460036	1.029956
Stddev	.0011540	.0017236	.006679
%RSD	1.292174	.2668062	.6484946
#1	.0884887	.6447848	1.025233
#2	.0901206	.6472223	1.034679
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1588.246	890.5076	5435.906	1049.626
Stddev	19.272	14.3623	18.040	5.949
%RSD	1.213438	1.612817	.3318716	.5667427
#1	1574.618	880.3520	5448.662	1045.420
#2	1601.874	900.6633	5423.149	1053.832

Sample Name: 500-208568-a-6-d msd Acquired: 11/29/2021 22:20:29 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0479927**	**80.39373**	**.1227989**	**.8195082**	**3.068751**	**.0497477**	**.5118837**
Stddev	.0002891	.57608	.0033258	.0048758	.020286	.0005662	.0014125
%RSD	.6024310	.7165778	2.708321	.5949683	.6610632	1.138181	.2759419
#1	.0481972	80.80108	.1204472	.8160605	3.083096	.0501481	.5108849
#2	.0477883	79.98637	.1251506	.8229559	3.054406	.0493473	.5128824
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**519.4274**	**.0480980**	**.5984063**	**.5383002**	**.2652065**	**.3406068**	**99.37045**
Stddev	4.9007	.0000852	.0144787	.0015750	.0008079	.0015618	.56808
%RSD	.9434736	.1771077	2.419538	.2925828	.3046138	.4585304	.5716776
#1	522.8927	.0481582	.6086443	.5371866	.2646353	.3417112	99.77215
#2	515.9621	.0480377	.5881683	.5394139	.2657778	.3395025	98.96876
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**20.75502**	**.6225524**	**175.1781**	**5.318360**	**.8803196**	**11.68868**	**.5874829**
Stddev	.05566	.0042504	1.1420	.035485	.0024666	.07284	.0007291
%RSD	.2681931	.6827445	.6519323	.6672231	.2801967	.6231823	.1241080
#1	20.79438	.6255579	175.9856	5.343452	.8785754	11.74018	.5879984
#2	20.71566	.6195469	174.3705	5.293268	.8820638	11.63717	.5869673
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208568-a-6-d msd Acquired: 11/29/2021 22:20:29 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2260229	.2788369	.0804035	10.36402	.9687982	1.191042	2.346135
Stddev	.0002676	.0008352	.0019312	.07621	.0049538	.005278	.001049
%RSD	.1183909	.2995155	2.401834	.7353552	.5113332	.4431316	.0446911
#1	.2262121	.2794274	.0790379	10.31013	.9723011	1.194774	2.346876
#2	.2258336	.2782463	.0817690	10.41791	.9652954	1.187310	2.345393
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0815990	.5963024	.9129260
Stddev	.0025308	.0002316	.0013983
%RSD	3.101453	.0388391	.1531711
#1	.0798095	.5961386	.9119372
#2	.0833885	.5964661	.9139148
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1530.712	870.6938	5360.270	1067.201
Stddev	2.563	1.7542	26.120	7.941
%RSD	.1674453	.2014707	.4872901	.7440735
#1	1532.525	871.9342	5341.801	1061.586
#2	1528.900	869.4534	5378.740	1072.816

Sample Name: 500-208568-a-7-a Acquired: 11/29/2021 22:23:44 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023898	43.15185	.0591536	.0358614	.9139116	.0029479	-.008814
Stddev	.0006116	.10925	.0009482	.0014321	.0056425	.0002986	.000017
%RSD	25.59057	.2531757	1.602916	3.993554	.6174022	10.12742	.1982580
#1	.0019574	43.07460	.0598240	.0368741	.9099217	.0027368	-.008826
#2	.0028223	43.22911	.0584831	.0348487	.9179015	.0031590	-.008802
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.5585	.0031936	.3215589	.0324828	.1263966	.1793444	99.13996
Stddev	1.1212	.0001783	.0480544	.0008607	.0006550	.0010412	.18458
%RSD	.7446611	5.581833	14.94420	2.649638	.5181977	.5805349	.1861774
#1	149.7657	.0033196	.2875793	.0330914	.1259335	.1800807	99.00945
#2	151.3513	.0030675	.3555384	.0318742	.1268598	.1786082	99.27048
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.278638	.0336756	30.26052	3.024470	.0362881	.2619854	.1079321
Stddev	.031387	.0006109	.15388	.015501	.0015482	.0121639	.0041687
%RSD	.7335824	1.813951	.5085287	.5125300	4.266312	4.642962	3.862333
#1	4.256444	.0341076	30.15171	3.013508	.0373828	.2533843	.1108798
#2	4.300832	.0332437	30.36934	3.035431	.0351934	.2705866	.1049844
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208568-a-7-a Acquired: 11/29/2021 22:23:44 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0931606	.0054598	.0112980	2.518160	.0244106	.3891018	.6861048
Stddev	.0051910	.0010276	.0008582	.120994	.0019473	.0030515	.0048717
%RSD	5.572049	18.82057	7.595800	4.804859	7.977379	.7842326	.7100580
#1	.0968312	.0047332	.0106912	2.603716	.0257876	.3912595	.6895497
#2	.0894901	.0061864	.0119048	2.432604	.0230336	.3869441	.6826600
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0007746	.1207714	.5026292
Stddev	.0011614	.0012761	.0133114
%RSD	149.9293	1.056613	2.648352
#1	.0015959	.1216737	.5120418
#2	-.000047	.1198691	.4932166
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1743.270	885.8307	5502.618	1079.995
Stddev	49.809	27.8134	27.192	5.870
%RSD	2.857190	3.139805	.4941730	.5434955
#1	1708.050	866.1637	5483.390	1084.146
#2	1778.490	905.4977	5521.846	1075.845

Sample Name: 500-208568-a-9-a Acquired: 11/29/2021 22:26:56 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033431	95.86377	.0548427	.0130834	.7172105	.0051222	-.009710
Stddev	.0003112	.37164	.0026301	.0000319	.0012294	.0002339	.000507
%RSD	9.308274	.3876712	4.795735	.2434185	.1714156	4.566136	5.224709
#1	.0031231	95.60098	.0567024	.0130609	.7163412	.0049568	-.009351
#2	.0035632	96.12655	.0529829	.0131059	.7180798	.0052876	-.010068
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.64667	.0039981	.6264652	.0691642	.1743040	.0846726	129.2599
Stddev	.02798	.0001293	.0354540	.0002825	.0009353	.0005078	.1855
%RSD	.1355303	3.234490	5.659378	.4084900	.5365778	.5996931	.1434748
#1	20.62688	.0039067	.6013955	.0689644	.1749653	.0850317	129.1288
#2	20.66646	.0040896	.6515350	.0693640	.1736426	.0843136	129.3911
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.569042	.0645595	10.42375	5.034389	.0112086	.2690697	.0879922
Stddev	.054272	.0010849	.01194	.003202	.0002384	.0113233	.0013547
%RSD	.9745252	1.680495	.1145555	.0636072	2.127155	4.208316	1.539599
#1	5.607418	.0637923	10.41531	5.032125	.0110400	.2610629	.0889501
#2	5.530666	.0653267	10.43219	5.036653	.0113772	.2770765	.0870342
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208568-a-9-a Acquired: 11/29/2021 22:26:56 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1510146	.0041932	-.001236	2.425225	.0373279	.0604528	1.145706
Stddev	.0013894	.0019640	.002585	.011769	.0001637	.0001560	.000695
%RSD	.9200679	46.83890	209.1320	.4852876	.4386610	.2580451	.0606877
#1	.1500321	.0055820	.000592	2.433547	.0374437	.0605631	1.145214
#2	.1519970	.0028044	-.003064	2.416903	.0372122	.0603425	1.146197
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000579	.2214230	.8476942
Stddev	.002241	.0002993	.0019212
%RSD	386.9179	.1351871	.2266410
#1	-.002164	.2212114	.8463357
#2	.001005	.2216347	.8490527
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.548	967.0212	5896.106	1078.763
Stddev	.389	.9577	28.921	3.759
%RSD	.0210323	.0990338	.4905045	.3484306
#1	1850.823	966.3440	5875.656	1081.421
#2	1850.273	967.6983	5916.556	1076.105

Sample Name: 500-208568-a-10-a Acquired: 11/29/2021 22:30:09 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043640	97.06982	.0536541	.0096703	.7609875	.0049947	-.009394
Stddev	.0007361	1.18293	.0024052	.0000289	.0101472	.0000398	.000096
%RSD	16.86640	1.218639	4.482783	.2985432	1.333431	.7968944	1.023645
#1	.0048845	96.23337	.0519534	.0096499	.7538123	.0050228	-.009326
#2	.0038435	97.90628	.0553549	.0096907	.7681627	.0049665	-.009462
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.83576	.0036014	.7198292	.0875907	.3044796	.1210058	139.9640
Stddev	.13234	.0001150	.0442331	.0007392	.0011947	.0002147	.8230
%RSD	1.118132	3.192403	6.144946	.8439128	.3923579	.1774505	.5879913
#1	11.74218	.0035201	.7511068	.0870680	.3053243	.1208540	139.3820
#2	11.92934	.0036827	.6885517	.0881133	.3036348	.1211577	140.5459
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.066346	.0699132	12.15906	7.241036	.0096033	.3093905	.0989066
Stddev	.018875	.0007729	.09678	.088657	.0000346	.0014776	.0002318
%RSD	.3111449	1.105573	.7959866	1.224372	.3605639	.4775932	.2343656
#1	6.053000	.0693667	12.09062	7.178345	.0096278	.3083456	.0990705
#2	6.079693	.0704598	12.22750	7.303726	.0095788	.3104353	.0987427
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208568-a-10-a Acquired: 11/29/2021 22:30:09 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2219536	.0061465	.0003398	2.905789	.0227720	.0478390	1.313031
Stddev	.0020263	.0014579	.0000113	.012918	.0020936	.0003128	.004727
%RSD	.9129554	23.71951	3.335179	.4445514	9.193966	.6539214	.3600268
#1	.2205207	.0071774	.0003479	2.896655	.0212916	.0476178	1.309688
#2	.2233864	.0051156	.0003318	2.914923	.0242524	.0480602	1.316373
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000029	.2177193	.4663010
Stddev	.001104	.0005283	.0024846
%RSD	3825.933	.2426380	.5328268
#1	.000752	.2173458	.4645441
#2	-.000809	.2180929	.4680578
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1854.373	975.7170	5963.529	1050.569
Stddev	.000	.1093	37.729	4.781
%RSD	.0000017	.0111985	.6326578	.4551198
#1	1854.373	975.6397	5990.207	1053.950
#2	1854.373	975.7942	5936.851	1047.188

Sample Name: CCV Acquired: 11/29/2021 22:33:22 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4850574**	**49.90339**	**.5035154**	**.5074508**	F **.5694695**	**.4728502**
Stddev	.0098288	.86304	.0005768	.0069922	.0120577	.0120973
%RSD	2.026317	1.729427	.1145508	1.377913	2.117351	2.558373
#1	.4781073	50.51365	.5039232	.5025066	.5779956	.4814042
#2	.4920074	49.29313	.5031075	.5123951	.5609434	.4642961
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value					.5000000	
Range					10.00000%	

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5172203**	**24.03886**	**.5065058**	F **.1934544**	**.5216118**	**.4640830**
Stddev	.0015824	.37044	.0026838	.0151189	.0007658	.0023769
%RSD	.3059371	1.541024	.5298578	7.815222	.1468225	.5121647
#1	.5161014	24.30080	.5046081	.1827638	.5221533	.4624023
#2	.5183392	23.77691	.5084035	.2041451	.5210702	.4657637
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5189618**	**24.47570**	**48.89770**	**4.060717**	**24.77142**	**4.924251**
Stddev	.0048359	.51690	.99208	.115539	.55962	.094440
%RSD	.9318306	2.111873	2.028896	2.845292	2.259133	1.917848
#1	.5155424	24.84120	49.59921	4.142415	25.16713	4.991030
#2	.5223813	24.11020	48.19619	3.979018	24.37571	4.857473
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/29/2021 22:33:22 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4853201**	**25.40715**	**.5125476**	**.5151162**	**.4910377**	**.4963951**
Stddev	.0035840	.63989	.0019079	.0024291	.0056681	.0050172
%RSD	.7384798	2.518544	.3722385	.4715579	1.154314	1.010724
#1	.4827858	25.85963	.5111985	.5133986	.4870297	.4928474
#2	.4878543	24.95468	.5138967	.5168338	.4950457	.4999428
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.5702008**	**.5194430**	**.4936844**	**.4893713**	**.4938469**	**4.834352**
Stddev	.0041547	.0006367	.0034806	.0034083	.0000461	.035601
%RSD	.7286474	.1225741	.7050221	.6964588	.0093456	.7364255
#1	.5672630	.5189928	.4912233	.4869613	.4938795	4.809178
#2	.5731387	.5198932	.4961456	.4917813	.4938143	4.859526
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	10.00000%					

Elem	Zn2062
Units	ppm
Avg	**.5200871**
Stddev	.0015911
%RSD	.3059214
#1	.5212121
#2	.5189620
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/29/2021 22:33:22 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.216	912.4710	5572.055	1174.901
Stddev	14.915	13.8681	43.072	28.434
%RSD	.8091870	1.519842	.7729975	2.420124
#1	1853.762	922.2773	5602.512	1154.795
#2	1832.669	902.6648	5541.599	1195.007

Sample Name: CCB Acquired: 11/29/2021 22:36:30 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001401**	**.1363495**	**-.002917**	**.0003964**	**.0011604**	**-.000328**
Stddev	.0010985	.0164604	.003168	.0003757	.0004747	.000033
%RSD	783.9992	12.07219	108.6263	94.78014	40.90755	10.11777
#1	-.000637	.1479888	-.000676	.0006621	.0014961	-.000352
#2	.000917	.1247103	-.005157	.0001307	.0008248	-.000305
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000302**	**-.005263**	**.0001911**	F **.0714168**	**-.000441**	**-.000298**
Stddev	.000653	.000637	.0001037	.0385027	.000154	.000460
%RSD	216.6214	12.10185	54.25946	53.91267	34.95667	154.6341
#1	-.000764	-.005714	.0002644	.0441913	-.000332	-.000623
#2	.000160	-.004813	.0001178	.0986424	-.000550	.000028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014790**	F **.3074851**	**-.070000**	**.0016827**	**.0244450**	**.0008275**
Stddev	.0001219	.0672372	.000106	.0000116	.0359056	.0000915
%RSD	8.242714	21.86680	.1513454	.6917780	146.8833	11.05678
#1	.0015652	.3550289	-.069925	.0016745	.0498342	.0008922
#2	.0013928	.2599412	-.070075	.0016909	-.000944	.0007628
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.2000000				
Low Limit		-.200000				

Sample Name: CCB Acquired: 11/29/2021 22:36:30 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003732	.0384616	-.000117	-.000038	-.000035	-.000797
Stddev	.0006260	.0098483	.000441	.000196	.000060	.001226
%RSD	167.7490	25.60556	377.4520	519.5922	169.7490	153.7929
#1	.0008158	.0314978	-.000429	.000101	.000007	-.001664
#2	-.000069	.0454254	.000195	-.000176	-.000078	.000070
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043507	-.000695	-.000032	.0002545	-.000936	-.000418
Stddev	.0006093	.000745	.000015	.0002532	.001026	.000009
%RSD	14.00533	107.1729	46.88224	99.51966	109.6736	2.175346
#1	.0039199	-.001222	-.000021	.0004335	-.000210	-.000424
#2	.0047816	-.000168	-.000043	.0000754	-.001661	-.000412
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	-.000739
Stddev	.000060
%RSD	8.178920
#1	-.000782
#2	-.000696
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/29/2021 22:36:30 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2178.923	948.3828	5814.789	1105.914
Stddev	6.952	3.5650	10.372	.560
%RSD	.3190691	.3759079	.1783806	.0506118
#1	2174.007	945.8619	5807.455	1105.518
#2	2183.839	950.9037	5822.124	1106.310

Sample Name: CCVL Acquired: 11/29/2021 22:39:52 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051931	F .3337406	F .0068294	.0531633	.0108267	.0034384
Stddev	.0000857	.0044365	.0004252	.0005953	.0002884	.0001758
%RSD	1.649683	1.329330	6.225439	1.119777	2.663430	5.111499
#1	.0051325	.3368777	.0071300	.0527424	.0110306	.0033142
#2	.0052537	.3306035	.0065287	.0535843	.0106228	.0035627
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value		.2000000	.0100000			
Range		30.00000%	-30.0000%			

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502508	.1732886	.0022121	F .0749960	.0050488	.0095026
Stddev	.0025297	.0066168	.0001287	.0275685	.0001206	.0001076
%RSD	5.034097	3.818399	5.817989	36.75994	2.388114	1.132224
#1	.0484620	.1686097	.0021211	.0555022	.0049636	.0095786
#2	.0520395	.1779674	.0023031	.0944899	.0051341	.0094265
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				30.00000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123089	F .4713194	.3613047	.0115797	.0833169	.0098809
Stddev	.0002760	.1182165	.0133974	.0004915	.0671020	.0000511
%RSD	2.242190	25.08203	3.708068	4.244314	80.53830	.5170870
#1	.0121138	.3877277	.3707781	.0112321	.1307651	.0099171
#2	.0125041	.5549111	.3518312	.0119272	.0358686	.0098448
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		.2000000				
Range		30.00000%				

Sample Name: CCVL Acquired: 11/29/2021 22:39:52 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103400	1.006024	.0089886	.0055390	.0213650	.0088043
Stddev	.0001641	.008292	.0011712	.0006579	.0014202	.0002583
%RSD	1.587271	.8241865	13.02976	11.87777	6.647461	2.933181
#1	.0102240	1.011887	.0098168	.0050738	.0223693	.0086217
#2	.0104561	1.000161	.0081605	.0060042	.0203608	.0089869
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .2851471	.0380833	.0052204	.0049984	.0100095	.0051973
Stddev	.0007706	.0005508	.0000380	.0003107	.0013955	.0006290
%RSD	.2702448	1.446444	.7274358	6.217149	13.94195	12.10255
#1	.2846022	.0384729	.0052472	.0047786	.0109963	.0056421
#2	.2856920	.0376938	.0051935	.0052181	.0090227	.0047525
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.2000000					
Range	30.00000%					

Elem	Zn2062
Units	ppm
Avg	.0189468
Stddev	.0005601
%RSD	2.956044
#1	.0185507
#2	.0193428
Check ?	Chk Pass
Value	
Range	

Sample Name: CCVL Acquired: 11/29/2021 22:39:52 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2168.891	944.3894	5757.477	1106.060
Stddev	.921	1.2726	35.940	11.239
%RSD	.0424759	.1347557	.6242294	1.016098
#1	2169.543	945.2893	5782.890	1098.113
#2	2168.240	943.4895	5732.064	1114.007

Sample Name: 500-208568-a-11-a Acquired: 11/29/2021 22:43:12 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025938	64.46040	.0557424	.0190905	.7918119	.0032977	-.009714
Stddev	.0001167	.07414	.0022699	.0000467	.0033716	.0001734	.000457
%RSD	4.499560	.1150178	4.072090	.2445913	.4258140	5.259099	4.707664
#1	.0025113	64.51282	.0541374	.0190575	.7894278	.0031751	-.010038
#2	.0026763	64.40797	.0573475	.0191235	.7941960	.0034203	-.009391
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.39789	.0020836	.4335803	.0521279	.1200500	.0899604	94.64855
Stddev	.13602	.0000365	.0277363	.0001174	.0021910	.0026588	.21346
%RSD	.3366946	1.750020	6.397043	.2252951	1.825098	2.955502	.2255246
#1	40.30171	.0020578	.4139677	.0522110	.1185007	.0880803	94.49761
#2	40.49406	.0021094	.4531928	.0520449	.1215993	.0918404	94.79948
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.633765	.0494944	9.886232	3.916448	.0066987	.2368342	.0675762
Stddev	.031326	.0000246	.007913	.018368	.0011788	.0016154	.0022285
%RSD	.6760334	.0497353	.0800409	.4689985	17.59691	.6820802	3.297722
#1	4.655915	.0494770	9.880636	3.903460	.0058652	.2379764	.0691520
#2	4.611614	.0495118	9.891827	3.929437	.0075322	.2356919	.0660004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208568-a-11-a Acquired: 11/29/2021 22:43:12 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1307201	.0044596	-.002573	3.117893	.0273376	.1418826	1.052021
Stddev	.0011348	.0007398	.001799	.002231	.0008547	.0031881	.024392
%RSD	.8681019	16.58865	69.94081	.0715583	3.126433	2.246981	2.318605
#1	.1315225	.0049827	-.003845	3.116315	.0279419	.1396283	1.034774
#2	.1299177	.0039365	-.001300	3.119471	.0267332	.1441369	1.069269
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0000553	.1484962	.3744841
Stddev	.0002114	.0033260	.0026195
%RSD	382.3418	2.239818	.6994951
#1	.0002048	.1461443	.3763364
#2	-.000094	.1508480	.3726318
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.804	914.8434	5667.050	984.5687
Stddev	9.548	2.0889	88.375	5.7378
%RSD	.5184161	.2283335	1.559453	.5827711
#1	1835.053	913.3664	5729.541	980.5115
#2	1848.556	916.3205	5604.560	988.6260

Sample Name: 500-208568-a-12-a Acquired: 11/29/2021 22:46:27 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046233	100.8371	.0617936	.0160162	.8872907	.0049349
Stddev	.0000233	.3450	.0011197	.0004807	.0045869	.0003706
%RSD	.5038275	.3421797	1.811965	3.001575	.5169542	7.510686
#1	.0046069	101.0811	.0625854	.0163561	.8905341	.0051970
#2	.0046398	100.5931	.0610019	.0156763	.8840472	.0046729
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012737	F 767.7654	.0020735	.8218940	.0885237	.1203119
Stddev	.002068	3.3598	.0000794	.0077662	.0007405	.0006968
%RSD	16.23444	.4376081	3.828702	.9449148	.8364632	.5791622
#1	-.014200	765.3897	.0021296	.8164025	.0880001	.1208046
#2	-.011275	770.1412	.0020174	.8273855	.0890473	.1198192
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0930627	143.2274	6.867461	.0804366	41.62018	6.650272
Stddev	.0016483	.3262	.101809	.0005647	.26140	.007963
%RSD	1.771166	.2277590	1.482479	.7020449	.6280563	.1197336
#1	.0942282	143.4581	6.939450	.0808359	41.80502	6.655903
#2	.0918972	142.9967	6.795471	.0800373	41.43534	6.644642
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208568-a-12-a Acquired: 11/29/2021 22:46:27 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106770	.7697077	.0967324	.1445655	.0066747	.0008673
Stddev	.0006024	.0043492	.0014581	.0007405	.0033995	.0050922
%RSD	5.642113	.5650401	1.507306	.5122574	50.93183	587.1441
#1	.0102511	.7727831	.0977634	.1440418	.0042708	-.002733
#2	.0111030	.7666324	.0957014	.1450891	.0090785	.004468
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.505779	.0268861	.4627363	1.390273	.0020066	.2047006
Stddev	.039856	.0005958	.0042553	.010214	.0011161	.0001604
%RSD	1.136867	2.216162	.9195992	.7347109	55.62398	.0783390
#1	3.533961	.0273074	.4657453	1.397496	.0012173	.2045872
#2	3.477596	.0264647	.4597273	1.383051	.0027958	.2048140
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.3686035
Stddev	.0017570
%RSD	.4766531
#1	.3673611
#2	.3698459
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208568-a-12-a Acquired: 11/29/2021 22:46:27 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1508.479	874.7898	5343.021	1068.525
Stddev	19.271	16.6769	55.452	15.838
%RSD	1.277538	1.906387	1.037846	1.482184
#1	1494.852	862.9975	5303.810	1057.326
#2	1522.106	886.5821	5382.231	1079.724

Sample Name: 500-208568-a-13-a Acquired: 11/29/2021 22:49:41 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0029707**	**85.89771**	**.0790158**	**.0306585**	**.7428340**	**.0047317**	**-.006819**
Stddev	.0001976	.17816	.0014467	.0001939	.0004270	.0000600	.001036
%RSD	6.651265	.2074094	1.830956	.6325475	.0574819	1.268717	15.19656
#1	.0031104	86.02368	.0800388	.0305214	.7431359	.0046893	-.007551
#2	.0028310	85.77173	.0779928	.0307956	.7425321	.0047742	-.006086
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**56.15803**	**.0032871**	**.6406935**	**.0764405**	**.1250867**	**.1109636**	**125.9746**
Stddev	.36646	.0001131	.0512685	.0011022	.0002655	.0002622	.1518
%RSD	.6525559	3.441445	8.002039	1.441855	.2122579	.2362867	.1205221
#1	56.41715	.0033671	.6769458	.0772199	.1252745	.1111490	126.0820
#2	55.89890	.0032071	.6044412	.0756612	.1248990	.1107782	125.8673
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.783098**	**.0641234**	**15.81716**	**6.475104**	**.0101939**	**.2742852**	**.0997322**
Stddev	.053372	.0005738	.03097	.018856	.0001330	.0068686	.0000732
%RSD	.6076642	.8948743	.1957714	.2912052	1.305114	2.504179	.0734206
#1	8.745358	.0637176	15.83905	6.488437	.0100998	.2791420	.0997840
#2	8.820837	.0645291	15.79526	6.461771	.0102880	.2694284	.0996804
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208568-a-13-a Acquired: 11/29/2021 22:49:41 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3478989	.0045228	.0017829	3.443303	.0265257	.1016725	1.308058
Stddev	.0019618	.0017621	.0015541	.026537	.0023712	.0001133	.003721
%RSD	.5638932	38.96053	87.16486	.7706988	8.939394	.1113958	.2844886
#1	.3492860	.0057688	.0028818	3.462068	.0248489	.1015924	1.310689
#2	.3465117	.0032768	.0006840	3.424538	.0282024	.1017526	1.305427
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000430	.1957076	.5418591
Stddev	.000409	.0013172	.0031779
%RSD	95.25392	.6730410	.5864891
#1	-.000719	.1966390	.5441063
#2	-.000140	.1947762	.5396120
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1812.437	942.8123	5779.070	1094.398
Stddev	2.025	.9234	37.974	1.407
%RSD	.1117071	.0979408	.6571037	.1285904
#1	1811.006	943.4653	5805.922	1095.393
#2	1813.869	942.1594	5752.218	1093.402

Sample Name: 500-208568-a-14-a Acquired: 11/29/2021 22:52:53 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0037809**	**81.22838**	**.0973060**	**.0240981**	**1.398061**	**.0060091**	**-.008058**
Stddev	.0004966	.39804	.0046254	.0010571	.009723	.0001709	.000241
%RSD	13.13350	.4900201	4.753434	4.386600	.6954438	2.844040	2.996519
#1	.0034297	81.50983	.0940354	.0248456	1.404936	.0058882	-.007887
#2	.0041320	80.94693	.1005767	.0233507	1.391186	.0061299	-.008229
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**209.1843**	**.0039429**	**.7387037**	**.1012611**	**.1651314**	**.1317845**	**164.3422**
Stddev	.9396	.0000320	.0458845	.0004452	.0004027	.0013004	.0088
%RSD	.4491727	.8105477	6.211485	.4396111	.2438560	.9867484	.0053830
#1	209.8487	.0039203	.7062585	.1015759	.1654161	.1327040	164.3485
#2	208.5199	.0039655	.7711489	.1009464	.1648466	.1308650	164.3360
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.981184**	**.0560731**	**25.44418**	**10.66765**	**.0138713**	**.6285123**	**.1211863**
Stddev	.043865	.0003225	.05012	.06490	.0005766	.0071914	.0005386
%RSD	.8806088	.5751933	.1969898	.6083483	4.156831	1.144197	.4444111
#1	5.012201	.0558450	25.47962	10.71354	.0142790	.6234272	.1208055
#2	4.950167	.0563012	25.40874	10.62176	.0134635	.6335974	.1215671
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208568-a-14-a Acquired: 11/29/2021 22:52:53 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5334849	.0069595	.0039326	2.948730	.0250130	.3101932	1.126833
Stddev	.0012170	.0008064	.0039239	.049316	.0015087	.0018232	.006312
%RSD	.2281143	11.58726	99.77854	1.672460	6.031587	.5877517	.5601731
#1	.5326244	.0075298	.0067072	2.983602	.0260798	.3114824	1.131296
#2	.5343454	.0063893	.0011580	2.913858	.0239462	.3089040	1.122369
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0014719	.2270316	.5886420
Stddev	.0001564	.0021568	.0009474
%RSD	10.62884	.9499846	.1609558
#1	.0013613	.2285566	.5879720
#2	.0015825	.2255065	.5893120
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1692.767	927.3690	5655.412	1058.036
Stddev	19.486	13.9324	26.681	7.072
%RSD	1.151112	1.502357	.4717721	.6683885
#1	1678.988	917.5173	5636.546	1053.035
#2	1706.545	937.2207	5674.278	1063.036

Sample Name: 500-208396-a-1-e Acquired: 11/29/2021 22:56:06 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063007	9.948727	.0090277	.0797583	.4480234	.0003951	.0357796
Stddev	.0005937	.143874	.0025015	.0006645	.0069927	.0001697	.0003357
%RSD	9.422769	1.446152	27.70959	.8332038	1.560778	42.95094	.9383051
#1	.0058809	9.846993	.0107966	.0802282	.4430788	.0005151	.0360170
#2	.0067205	10.05046	.0072589	.0792884	.4529679	.0002751	.0355422
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.90445	.0026068	.1493462	.0082035	.1522395	.6845144	49.50094
Stddev	1.51067	.0000101	.0193496	.0000179	.0040296	.0072767	1.29494
%RSD	4.328024	.3894387	12.95619	.2183306	2.646890	1.063043	2.616000
#1	33.83624	.0025996	.1356640	.0081909	.1550889	.6896598	48.58528
#2	35.97265	.0026139	.1630284	.0082162	.1493902	.6793690	50.41660
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.196059	.0081987	11.39097	1.552842	.0314350	25.56105	.1245561
Stddev	.085642	.0001780	.21838	.035900	.0006186	.38324	.0005753
%RSD	1.044923	2.171066	1.917112	2.311868	1.967766	1.499302	.4618437
#1	8.135500	.0080728	11.23655	1.527457	.0309976	25.29006	.1241493
#2	8.256617	.0083245	11.54538	1.578227	.0318724	25.83204	.1249629
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208396-a-1-e Acquired: 11/29/2021 22:56:06 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0722457	.0086514	.0058995	8.470384	.0548781	.0732520	.2321415
Stddev	.0025726	.0003166	.0027715	.071305	.0007540	.0011700	.0046305
%RSD	3.560896	3.659182	46.97766	.8418104	1.373967	1.597178	1.994708
#1	.0704266	.0088752	.0039398	8.520804	.0554112	.0740793	.2354157
#2	.0740648	.0084275	.0078592	8.419964	.0543449	.0724247	.2288672
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.002138	.0212140	1.106067
Stddev	.001637	.0011989	.008563
%RSD	76.56442	5.651537	.7741422
#1	-.003295	.0220618	1.100012
#2	-.000981	.0203663	1.112122
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1853.269	872.6528	5390.706	1002.473
Stddev	11.977	12.0209	47.628	2.718
%RSD	.6462703	1.377508	.8835207	.2711465
#1	1844.800	864.1528	5357.028	1000.551
#2	1861.738	881.1528	5424.384	1004.395

Sample Name: 500-208703-f-1-e Acquired: 11/29/2021 22:59:20 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059388	91.05822	.0551720	.1052555	.3907022	.0056395
Stddev	.0008096	.59152	.0025080	.0011445	.0029132	.0000674
%RSD	13.63336	.6496024	4.545830	1.087350	.7456236	1.195171
#1	.0053663	91.47649	.0533985	.1060647	.3927621	.0056872
#2	.0065113	90.63996	.0569454	.1044462	.3886423	.0055918
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010327	F 705.9925	.0018208	.8952704	.1098305	.1560431
Stddev	.000352	3.6769	.0002165	.0592467	.0001928	.0005197
%RSD	3.409363	.5208067	11.88813	6.617742	.1755448	.3330450
#1	-.010078	708.5925	.0016677	.8533766	.1096942	.1564106
#2	-.010576	703.3926	.0019738	.9371641	.1099668	.1556757
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2113933	184.9093	24.82616	.1803776	377.3651	3.902338
Stddev	.0000418	.7242	.17702	.0016375	2.3549	.013662
%RSD	.0197693	.3916330	.7130449	.9078319	.6240361	.3500922
#1	.2113638	185.4214	24.95134	.1815355	379.0302	3.911999
#2	.2114229	184.3973	24.70099	.1792197	375.6999	3.892678
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208703-f-1-e Acquired: 11/29/2021 22:59:20 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0246524	5.117603	.2633571	.1028852	.0068382	-.001131
Stddev	.0004707	.036434	.0018320	.0025106	.0014154	.001511
%RSD	1.909269	.7119265	.6956341	2.440157	20.69912	133.6073
#1	.0243195	5.143365	.2620616	.1011100	.0058373	-.002199
#2	.0249852	5.091840	.2646525	.1046604	.0078391	-.000062
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.292549	.0288498	.2865068	1.271037	.0014115	.1879489
Stddev	.035887	.0013367	.0002595	.000624	.0046264	.0007798
%RSD	.8360351	4.633161	.0905629	.0491246	327.7745	.4148770
#1	4.267173	.0297950	.2866903	1.271479	.0046828	.1885003
#2	4.317926	.0279047	.2863233	1.270596	-.001860	.1873976
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.4780126
Stddev	.0014776
%RSD	.3091083
#1	.4769678
#2	.4790575
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208703-f-1-e Acquired: 11/29/2021 22:59:20 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1417.913	847.8677	5283.464	1246.991
Stddev	5.499	6.2238	6.286	7.447
%RSD	.3878214	.7340572	.1189781	.5971782
#1	1414.024	843.4668	5279.019	1241.725
#2	1421.801	852.2686	5287.909	1252.256

Sample Name: 500-208703-f-2-e Acquired: 11/29/2021 23:02:33 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046468	62.06781	.0577285	.0803461	.3152721	.0039399
Stddev	.0003741	.09202	.0018993	.0003254	.0007486	.0000684
%RSD	8.051252	.1482577	3.290109	.4049553	.2374456	1.736014
#1	.0043823	62.13288	.0563855	.0801160	.3158015	.0038915
#2	.0049114	62.00275	.0590715	.0805762	.3147428	.0039882
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010380	F 714.6613	.0024747	.7147578	.1085876	.1155242
Stddev	.005296	.4051	.0000611	.0310199	.0001777	.0006460
%RSD	51.01585	.0566823	2.468877	4.339913	.1636873	.5591775
#1	-.014125	714.3748	.0025179	.6928235	.1087133	.1150675
#2	-.006636	714.9477	.0024315	.7366922	.1084619	.1159810
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2049354	154.8268	19.19460	.1269981	424.4891	3.628950
Stddev	.0008284	.1394	.04737	.0000027	.0275	.003706
%RSD	.4042409	.0900350	.2468081	.0020845	.0064750	.1021123
#1	.2055212	154.7282	19.22810	.1269999	424.5085	3.631570
#2	.2043496	154.9253	19.16110	.1269962	424.4696	3.626330
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208703-f-2-e Acquired: 11/29/2021 23:02:33 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0283615**	**2.506925**	**.2355045**	**.1042524**	**.0070781**	**-.005726**
Stddev	.0003622	.009568	.0000404	.0007485	.0009856	.002004
%RSD	1.277043	.3816554	.0171455	.7179914	13.92439	34.99821
#1	.0286176	2.513690	.2355330	.1047817	.0077750	-.007143
#2	.0281054	2.500159	.2354759	.1037231	.0063812	-.004309
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.370040**	**.0228945**	**.2434264**	**1.046734**	**-.001560**	**.1402290**
Stddev	.012224	.0034111	.0008877	.002594	.000587	.0004210
%RSD	.3627254	14.89927	.3646649	.2478231	37.66549	.3002177
#1	3.361397	.0253066	.2440541	1.044900	-.001975	.1405267
#2	3.378684	.0204825	.2427987	1.048569	-.001144	.1399313
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.4168487**
Stddev	.0011757
%RSD	.2820355
#1	.4176800
#2	.4160174
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208703-f-2-e Acquired: 11/29/2021 23:02:33 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1407.795	832.5334	5194.631	1257.049
Stddev	4.995	.4606	22.223	3.702
%RSD	.3548451	.0553285	.4277996	.2944646
#1	1404.263	832.8592	5178.917	1254.431
#2	1411.328	832.2077	5210.345	1259.666

Sample Name: 500-208703-f-3-e Acquired: 11/29/2021 23:05:47 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0054322**	**82.26024**	**.0531743**	**.1090620**	**.3490450**	**.0048550**
Stddev	.0019261	3.19892	.0021743	.0013621	.0152290	.0003987
%RSD	35.45771	3.888781	4.088926	1.248919	4.363035	8.211696
#1	.0067941	84.52222	.0516369	.1080989	.3598135	.0051369
#2	.0040702	79.99826	.0547118	.1100252	.3382765	.0045731
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.008152**	F **751.0223**	**.0017470**	**.8104505**	**.0944709**	**.1527317**
Stddev	.001454	30.0336	.0000820	.0619751	.0001952	.0005767
%RSD	17.84011	3.999026	4.692842	7.646991	.2065717	.3775730
#1	-.007124	772.2593	.0018050	.8542735	.0946089	.1523239
#2	-.009180	729.7854	.0016891	.7666275	.0943329	.1531394
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1939535**	**165.4736**	**23.02782**	**.1651744**	**409.6650**	**3.706909**
Stddev	.0017621	6.8829	.98514	.0067269	15.3688	.149374
%RSD	.9084984	4.159493	4.278036	4.072624	3.751558	4.029605
#1	.1951995	170.3405	23.72442	.1699311	420.5324	3.812532
#2	.1927075	160.6067	22.33122	.1604178	398.7976	3.601286
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208703-f-3-e Acquired: 11/29/2021 23:05:47 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0239290	1.856839	.2519371	.0919052	.0061188	-.002768
Stddev	.0005666	.069438	.0006278	.0024772	.0039218	.001299
%RSD	2.367660	3.739562	.2491831	2.695411	64.09495	46.91247
#1	.0243296	1.905939	.2523811	.0901535	.0033456	-.001850
#2	.0235284	1.807739	.2514932	.0936569	.0088919	-.003687
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.353298	.0290213	.2976957	1.510335	.0023086	.1854835
Stddev	.041241	.0042286	.0026496	.006644	.0014243	.0002473
%RSD	.7703832	14.57067	.8900193	.4399216	61.69579	.1333343
#1	5.324136	.0320114	.2995693	1.515033	.0013015	.1856584
#2	5.382460	.0260313	.2958222	1.505637	.0033158	.1853086
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.4705961
Stddev	.0008582
%RSD	.1823559
#1	.4712029
#2	.4699893
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208703-f-3-e Acquired: 11/29/2021 23:05:47 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1409.583	850.1068	5205.198	1302.180
Stddev	7.409	10.3502	72.011	35.074
%RSD	.5256395	1.217518	1.383452	2.693499
#1	1414.822	857.4255	5154.278	1277.379
#2	1404.344	842.7881	5256.118	1326.981

Sample Name: 500-208703-f-4-g Acquired: 11/29/2021 23:08:59 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050234	79.91275	.0503378	.1043404	.3249873	.0050803
Stddev	.0006242	.51750	.0007543	.0021712	.0012386	.0002965
%RSD	12.42643	.6475818	1.498540	2.080922	.3811134	5.835773
#1	.0054648	79.54682	.0508712	.1028051	.3241115	.0048707
#2	.0045820	80.27867	.0498044	.1058757	.3258630	.0052900
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007244	F 853.3641	.0018386	.7210550	.1014021	.1416116
Stddev	.000024	6.8854	.0001292	.0502449	.0000849	.0011468
%RSD	.3371500	.8068561	7.027838	6.968241	.0837438	.8098163
#1	-.007227	848.4954	.0017472	.7565835	.1013421	.1408007
#2	-.007262	858.2329	.0019299	.6855266	.1014622	.1424225
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2009694	173.7294	22.44596	.1712954	469.0692	3.917862
Stddev	.0039494	1.1774	.08150	.0006472	3.1450	.032131
%RSD	1.965169	.6776952	.3630845	.3778012	.6704773	.8201236
#1	.1981767	172.8968	22.38833	.1708377	466.8454	3.895142
#2	.2037620	174.5619	22.50359	.1717530	471.2931	3.940582
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208703-f-4-g Acquired: 11/29/2021 23:08:59 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237768	1.712081	.2377320	.0988446	.0060875	-.000547
Stddev	.0000103	.008642	.0028032	.0038351	.0028042	.004565
%RSD	.0434850	.5047694	1.179137	3.879976	46.06544	834.2530
#1	.0237841	1.705970	.2357498	.1015565	.0080703	.002681
#2	.0237695	1.718192	.2397141	.0961328	.0041046	-.003775
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.164029	.0271475	.3261958	1.431519	-.003134	.1932955
Stddev	.067505	.0031254	.0044018	.018309	.000868	.0037388
%RSD	2.133503	11.51269	1.349432	1.278991	27.71083	1.934233
#1	3.116296	.0249375	.3230832	1.418573	-.003748	.1906518
#2	3.211762	.0293575	.3293083	1.444466	-.002520	.1959393
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.4565623
Stddev	.0057507
%RSD	1.259570
#1	.4524960
#2	.4606287
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208703-f-4-g Acquired: 11/29/2021 23:08:59 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1365.811	821.2183	5137.767	1263.082
Stddev	16.315	11.1879	51.992	2.575
%RSD	1.194514	1.362354	1.011966	.2038824
#1	1377.347	829.1294	5174.532	1264.903
#2	1354.275	813.3073	5101.003	1261.261

Sample Name: 500-208703-f-5-e Acquired: 11/29/2021 23:12:12 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049954	57.35873	.1091091	.0945116	.2482033	.0044929
Stddev	.0010859	.35593	.0042318	.0018628	.0015487	.0000507
%RSD	21.73850	.6205402	3.878511	1.970939	.6239465	1.127517
#1	.0057633	57.10705	.1061168	.0931945	.2471083	.0044571
#2	.0042275	57.61041	.1121014	.0958288	.2492984	.0045287
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009722	F 817.1708	.0019750	.7411955	.1014065	.1202417
Stddev	.000309	.3711	.0001104	.0356039	.0003649	.0007292
%RSD	3.181639	.0454103	5.592022	4.803573	.3598246	.6064470
#1	-.009941	817.4332	.0018969	.7663712	.1011485	.1197260
#2	-.009503	816.9084	.0020531	.7160198	.1016646	.1207573
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2484383	180.8231	17.99077	.1186643	475.4338	3.300306
Stddev	.0005945	.1853	.07877	.0006573	.2558	.003712
%RSD	.2392819	.1024776	.4378603	.5539014	.0538022	.1124803
#1	.2480179	180.6920	17.93507	.1191291	475.2529	3.297681
#2	.2488586	180.9541	18.04648	.1181995	475.6147	3.302931
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208703-f-5-e Acquired: 11/29/2021 23:12:12 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0839137	1.439079	.2366739	.1452574	.0068531	.0011923
Stddev	.0003488	.002042	.0012923	.0006570	.0011012	.0014082
%RSD	.4156344	.1418948	.5460155	.4523247	16.06927	118.1027
#1	.0836671	1.440523	.2357602	.1447928	.0060744	.0021880
#2	.0841603	1.437635	.2375877	.1457220	.0076317	.0001966
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.235653	.0229467	.2690313	.8525586	.0032856	.1619522
Stddev	.086839	.0025213	.0007634	.0013810	.0041071	.0007840
%RSD	2.050189	10.98775	.2837747	.1619785	125.0006	.4840705
#1	4.174249	.0211639	.2684915	.8515821	.0003815	.1613979
#2	4.297058	.0247296	.2695711	.8535351	.0061898	.1625066
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.5244135
Stddev	.0023692
%RSD	.4517858
#1	.5227382
#2	.5260888
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208703-f-5-e Acquired: 11/29/2021 23:12:12 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1363.771	819.3474	5216.801	1291.946
Stddev	19.221	13.0411	24.240	5.257
%RSD	1.409430	1.591648	.4646458	.4069308
#1	1377.363	828.5688	5199.661	1288.229
#2	1350.180	810.1259	5233.941	1295.664

Sample Name: CCV Acquired: 11/29/2021 23:15:24 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4838223**	**49.49665**	**.5070201**	**.5092230**	F **.5676634**	**.4666215**
Stddev	.0028292	.31098	.0043583	.0063383	.0022726	.0029473
%RSD	.5847619	.6282950	.8595865	1.244704	.4003497	.6316149
#1	.4858228	49.27675	.5101019	.5137048	.5660563	.4645375
#2	.4818217	49.71655	.5039383	.5047411	.5692704	.4687055
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value					.5000000	
Range					10.00000%	

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5181297**	**23.65717**	**.5097976**	F **.1414749**	**.5214881**	**.4607474**
Stddev	.0029927	.04080	.0037792	.0896157	.0001231	.0034015
%RSD	.5775881	.1724550	.7413075	63.34385	.0236047	.7382577
#1	.5202459	23.68602	.5124699	.2048427	.5215751	.4583422
#2	.5160136	23.62832	.5071254	.0781071	.5214010	.4631526
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5238906**	**24.40261**	**48.61446**	**4.060391**	**24.85718**	**4.873960**
Stddev	.0004974	.16857	.35308	.041871	.23641	.021360
%RSD	.0949449	.6907747	.7262839	1.031203	.9510861	.4382405
#1	.5235388	24.28342	48.36480	4.030783	24.69001	4.858856
#2	.5242423	24.52181	48.86413	4.089998	25.02435	4.889063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/29/2021 23:15:24 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4883981**	**25.44943**	**.5108332**	**.5161327**	**.4937653**	**.4960108**
Stddev	.0033399	.29650	.0007707	.0035478	.0081083	.0016963
%RSD	.6838416	1.165040	.1508715	.6873756	1.642145	.3419982
#1	.4907597	25.23978	.5113781	.5136241	.4994988	.4972103
#2	.4860365	25.65909	.5102882	.5186414	.4880318	.4948113
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.5788190**	**.5169246**	**.4956236**	**.4897468**	**.4989789**	**4.828908**
Stddev	.0072442	.0043435	.0000665	.0004496	.0043719	.024742
%RSD	1.251548	.8402595	.0134150	.0917917	.8761776	.5123823
#1	.5839414	.5138532	.4955765	.4894290	.5020704	4.811412
#2	.5736966	.5199959	.4956706	.4900647	.4958875	4.846403
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	10.00000%					

Elem	Zn2062
Units	ppm
Avg	**.5180312**
Stddev	.0048958
%RSD	.9450709
#1	.5145693
#2	.5214930
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/29/2021 23:15:24 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1832.031	901.6058	5504.385	1169.224
Stddev	14.637	16.2591	2.730	15.424
%RSD	.7989246	1.803349	.0495983	1.319173
#1	1821.681	890.1089	5506.316	1180.131
#2	1842.380	913.1028	5502.455	1158.318

Sample Name: CCB Acquired: 11/29/2021 23:18:33 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005848**	**.0871977**	**-.003980**	**.0000121**	**.0004222**	**-.000132**
Stddev	.0004514	.0199313	.000079	.0006944	.0001784	.000082
%RSD	77.19519	22.85764	1.979548	5723.320	42.26107	61.68668
#1	.0009040	.0731041	-.003924	.0005032	.0005483	-.000190
#2	.0002656	.1012913	-.004036	-.000479	.0002960	-.000075
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003860**	**.0065835**	**-.000003**	F **.0763271**	**.0002302**	**-.000551**
Stddev	.0013440	.0009415	.000013	.0053450	.0004073	.000294
%RSD	348.2090	14.30114	381.8495	7.002718	176.8931	53.33122
#1	.0013363	.0059178	-.000012	.0725476	.0005182	-.000343
#2	-.000564	.0072493	.000006	.0801065	-.000058	-.000759
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017731**	**.1226118**	**-.103282**	**.0008851**	**-.027434**	**.0003431**
Stddev	.0002210	.0389549	.035160	.0007417	.055683	.0005429
%RSD	12.46293	31.77096	34.04278	83.79337	202.9761	158.2441
#1	.0016168	.0950665	-.078420	.0003607	.011941	.0007270
#2	.0019294	.1501571	-.128144	.0014096	-.066808	-.000041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/29/2021 23:18:33 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001279	.0514438	-.001296	-.000901	-.001219	-.002315
Stddev	.0002471	.0001565	.000380	.000019	.000207	.000180
%RSD	193.1506	.3042983	29.33715	2.145580	17.00041	7.790987
#1	.0003027	.0513331	-.001564	-.000915	-.001366	-.002442
#2	-.000047	.0515545	-.001027	-.000887	-.001073	-.002187
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033015	-.001611	-.000016	-.000211	-.000106	-.000274
Stddev	.0006616	.001755	.000000	.000148	.000750	.000084
%RSD	20.03929	108.9667	1.573813	69.92655	706.9067	30.48835
#1	.0037694	-.002852	-.000016	-.000316	-.000636	-.000333
#2	.0028337	-.000370	-.000016	-.000107	.000424	-.000215
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0001049
Stddev	.0000144
%RSD	13.68355
#1	.0000947
#2	.0001150
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/29/2021 23:18:33 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.602	953.4276	5789.479	1091.791
Stddev	17.050	7.1687	5.080	32.641
%RSD	.7762160	.7518827	.0877460	2.989647
#1	2184.546	948.3586	5793.071	1068.710
#2	2208.658	958.4966	5785.886	1114.871

Sample Name: CCVL Acquired: 11/29/2021 23:21:54 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063412	F .3154230	F .0066431	.0531521	.0109099	.0037041
Stddev	.0000373	.0050401	.0009652	.0002212	.0001202	.0001938
%RSD	.5887372	1.597878	14.52896	.4161069	1.101904	5.232786
#1	.0063148	.3189868	.0073255	.0529957	.0109949	.0038411
#2	.0063676	.3118591	.0059606	.0533085	.0108249	.0035670
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value		.2000000	.0100000			
Range		30.00000%	-30.0000%			

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0490331	.1699178	.0022956	F .0863382	.0048528	.0077964
Stddev	.0000855	.0047880	.0000814	.0290877	.0003319	.0008914
%RSD	.1743319	2.817858	3.547838	33.69043	6.839096	11.43327
#1	.0490936	.1665322	.0022380	.1069064	.0050875	.0084267
#2	.0489727	.1733035	.0023532	.0657701	.0046181	.0071661
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				30.00000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125966	F .3902823	F .3291657	.0114961	.0823353	.0092169
Stddev	.0002671	.1014645	.0238578	.0001984	.0180417	.0010169
%RSD	2.120371	25.99773	7.247966	1.725447	21.91251	11.03279
#1	.0124077	.3185361	.3122956	.0116363	.0695778	.0099359
#2	.0127854	.4620286	.3460357	.0113558	.0950927	.0084978
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value		.2000000	.5000000			
Range		30.00000%	-30.0000%			

Sample Name: CCVL Acquired: 11/29/2021 23:21:54 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100325	.9944051	.0095352	.0047519	.0201711	.0086892
Stddev	.0002133	.0058844	.0008598	.0015105	.0011007	.0008624
%RSD	2.125589	.5917499	9.016880	31.78664	5.456782	9.925107
#1	.0101833	.9985660	.0089272	.0058200	.0193928	.0092991
#2	.0098817	.9902443	.0101432	.0036839	.0209494	.0080794
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .2842978	.0393452	.0052658	.0051499	.0088552	.0053814
Stddev	.0008408	.0010670	.0000838	.0000411	.0005745	.0004788
%RSD	.2957319	2.711790	1.590794	.7986118	6.487594	8.897229
#1	.2837033	.0400996	.0052066	.0051208	.0084490	.0050428
#2	.2848923	.0385907	.0053250	.0051790	.0092614	.0057199
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.2000000					
Range	30.00000%					

Elem	Zn2062
Units	ppm
Avg	.0195503
Stddev	.0008854
%RSD	4.528979
#1	.0201763
#2	.0189242
Check ?	Chk Pass
Value	
Range	

Sample Name: CCVL Acquired: 11/29/2021 23:21:54 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2155.595	939.2128	5746.036	1097.212
Stddev	.564	5.0412	52.001	.862
%RSD	.0261728	.5367472	.9049931	.0785335
#1	2155.994	942.7775	5782.807	1097.821
#2	2155.196	935.6482	5709.266	1096.603

Sample Name: 500-208703-f-6-e Acquired: 11/29/2021 23:25:14 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062710	84.56273	.0451845	.1013145	.3360114	.0056717
Stddev	.0009991	.75726	.0036995	.0008615	.0038890	.0001773
%RSD	15.93231	.8954995	8.187514	.8503066	1.157417	3.125429
#1	.0069775	84.02727	.0478004	.1019237	.3332614	.0057970
#2	.0055645	85.09819	.0425685	.1007054	.3387614	.0055463
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007441	F 671.2444	.0021358	.8420885	.1353154	.1516106
Stddev	.001689	11.8087	.0000801	.0448128	.0002696	.0015680
%RSD	22.70544	1.759223	3.750497	5.321627	.1992111	1.034207
#1	-.008635	662.8944	.0021925	.8737759	.1351248	.1505018
#2	-.006246	679.5944	.0020792	.8104010	.1355060	.1527193
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2685572	200.1860	23.73997	.2054972	393.9836	4.043570
Stddev	.0011178	2.3983	.10422	.0004575	2.4299	.050028
%RSD	.4162308	1.198039	.4389929	.2226161	.6167621	1.237216
#1	.2693476	198.4901	23.66628	.2051737	392.2654	4.008195
#2	.2677668	201.8818	23.81367	.2058206	395.7018	4.078945
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208703-f-6-e Acquired: 11/29/2021 23:25:14 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0349763	2.236385	.3127188	.1475290	.0095528	.0017269
Stddev	.0000213	.015056	.0023857	.0047135	.0003777	.0003730
%RSD	.0608451	.6732452	.7628765	3.194931	3.953833	21.59806
#1	.0349613	2.225739	.3144058	.1508620	.0098199	.0014632
#2	.0349914	2.247031	.3110319	.1441961	.0092857	.0019907
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.506695	.0267829	.2535794	1.184854	.0039799	.1771167
Stddev	.015013	.0009034	.0003702	.004323	.0009528	.0002245
%RSD	.2726315	3.373017	.1460061	.3648658	23.94107	.1267754
#1	5.517311	.0261441	.2538412	1.181797	.0033062	.1772755
#2	5.496080	.0274217	.2533176	1.187911	.0046537	.1769579
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.5428092
Stddev	.0019192
%RSD	.3535718
#1	.5441663
#2	.5414521
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208703-f-6-e Acquired: 11/29/2021 23:25:14 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1392.843	826.6724	5273.831	1223.309
Stddev	8.038	5.7678	14.628	7.637
%RSD	.5770838	.6977166	.2773634	.6242751
#1	1387.159	822.5939	5263.488	1217.909
#2	1398.527	830.7508	5284.174	1228.709

Sample Name: 500-208713-d-1-j Acquired: 11/29/2021 23:28:27 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0036323**	**19.52965**	**.0120633**	**.0349817**	**.1093661**	**.0013928**	**-.012188**
Stddev	.0007203	.27141	.0025156	.0006737	.0015362	.0001494	.002765
%RSD	19.83003	1.389744	20.85293	1.925960	1.404626	10.72420	22.68578
#1	.0041416	19.33773	.0138421	.0345053	.1082799	.0014984	-.010233
#2	.0031230	19.72156	.0102846	.0354581	.1104524	.0012872	-.014143
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**548.6108**	**.0016918**	**.4792336**	**.0386005**	**.0595649**	**.0448599**	**70.79510**
Stddev	8.3829	.0002669	.0474082	.0002889	.0009443	.0001886	1.22163
%RSD	1.528015	15.77902	9.892499	.7485057	1.585389	.4204964	1.725585
#1	542.6832	.0015030	.5127563	.0388048	.0602327	.0449933	69.93128
#2	554.5384	.0018805	.4457110	.0383962	.0588972	.0447265	71.65892
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.221135**	**.0406795**	**281.9167**	**3.104563**	**.0052634**	**2.214714**	**.0749131**
Stddev	.060144	.0004430	5.2649	.051178	.0001939	.046396	.0021786
%RSD	1.424831	1.088991	1.867520	1.648485	3.684499	2.094893	2.908190
#1	4.178606	.0403663	278.1939	3.068375	.0051263	2.181907	.0764536
#2	4.263663	.0409928	285.6395	3.140752	.0054005	2.247521	.0733726
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208713-d-1-j Acquired: 11/29/2021 23:28:27 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0460274	.0008616	-.004663	2.477088	.0216939	.1998207	1.132187
Stddev	.0028637	.0002367	.000671	.019673	.0001797	.0013004	.005887
%RSD	6.221704	27.46833	14.38535	.7942034	.8284260	.6507793	.5200084
#1	.0480524	.0006942	-.004189	2.463177	.0215668	.2007402	1.136350
#2	.0440025	.0010289	-.005137	2.490999	.0218210	.1989012	1.128024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000092	.0959285	.3085504
Stddev	.000420	.0000174	.0027624
%RSD	455.1955	.0181649	.8952745
#1	.000205	.0959408	.3105037
#2	-.000389	.0959162	.3065971
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1477.362	813.0361	5134.374	1242.154
Stddev	1.032	5.7739	20.624	12.110
%RSD	.0698508	.7101675	.4016820	.9749126
#1	1476.632	817.1189	5119.791	1250.717
#2	1478.091	808.9533	5148.957	1233.591

Sample Name: 500-208713-d-14-d Acquired: 11/29/2021 23:31:41 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0053440**	**29.08341**	**.0764081**	**.0937435**	**.3581228**	**.0047151**	**.0019958**
Stddev	.0009473	.00121	.0028847	.0005142	.0010343	.0002463	.0008619
%RSD	17.72645	.0041747	3.775365	.5485676	.2888103	5.222979	43.18737
#1	.0060139	29.08427	.0784479	.0941071	.3588542	.0045410	.0013863
#2	.0046742	29.08255	.0743684	.0933799	.3573915	.0048893	.0026052
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**349.1597**	**.0017102**	**.5793895**	**.0748154**	**.0873983**	**.2966438**	**396.8736**
Stddev	1.7621	.0000092	.0581670	.0007367	.0001955	.0001735	.6941
%RSD	.5046751	.5348594	10.03936	.9846746	.2236458	.0585045	.1748976
#1	347.9137	.0017038	.6205197	.0742945	.0872601	.2965211	396.3827
#2	350.4057	.0017167	.5382592	.0753363	.0875365	.2967666	397.3644
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.988966**	**.0404722**	**169.7500**	**3.008008**	**.0143772**	**1.821802**	**.1535474**
Stddev	.067135	.0002317	.9833	.005184	.0003980	.005791	.0023706
%RSD	1.345675	.5724047	.5792642	.1723465	2.767940	.3178535	1.543885
#1	5.036437	.0403084	170.4453	3.004342	.0146586	1.825896	.1518712
#2	4.941494	.0406361	169.0547	3.011674	.0140958	1.817707	.1552237
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208713-d-14-d Acquired: 11/29/2021 23:31:41 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6909518	.0236457	.0005530	3.906748	.0735311	.2405326	1.708901
Stddev	.0016601	.0013634	.0011259	.036616	.0012678	.0002297	.005503
%RSD	.2402629	5.766097	203.6203	.9372619	1.724230	.0954978	.3220464
#1	.6897780	.0246098	-.000243	3.880856	.0744276	.2403702	1.705010
#2	.6921257	.0226816	.001349	3.932640	.0726346	.2406951	1.712793
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000538	.1681724	.9304980
Stddev	.001330	.0011833	.0053674
%RSD	247.5135	.7035991	.5768334
#1	.000403	.1673357	.9267026
#2	-.001478	.1690091	.9342933
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1536.876	812.2241	5160.114	1235.517
Stddev	1.693	2.1317	15.522	9.776
%RSD	.1101286	.2624575	.3008069	.7912542
#1	1535.680	810.7167	5149.138	1228.604
#2	1538.073	813.7315	5171.090	1242.430

Sample Name: 500-208713-d-15-d Acquired: 11/29/2021 23:34:54 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017206	20.34867	.0177172	.0440059	.1276447	.0021471	-.015522
Stddev	.0010347	.98622	.0011896	.0001570	.0061257	.0001222	.000905
%RSD	60.13494	4.846604	6.714545	.3567466	4.799014	5.691101	5.828075
#1	.0009890	21.04603	.0168760	.0441169	.1319762	.0020607	-.016161
#2	.0024522	19.65131	.0185584	.0438949	.1233132	.0022335	-.014882
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	338.0000	.0016208	.3944006	.0281695	.0674164	.0507539	71.34951
Stddev	17.7182	.0002244	.0244084	.0005260	.0015415	.0006844	3.36661
%RSD	5.242075	13.84397	6.188738	1.867409	2.286514	1.348395	4.718470
#1	350.5287	.0014621	.3771412	.0277975	.0663264	.0502700	73.73006
#2	325.4713	.0017794	.4116599	.0285414	.0685064	.0512378	68.96896
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.244789	.0360388	178.8732	1.999858	.0056565	1.706848	.0625703
Stddev	.148754	.0004493	7.4233	.097899	.0002289	.066097	.0008673
%RSD	4.584405	1.246688	4.150012	4.895279	4.046406	3.872469	1.386052
#1	3.349974	.0363566	184.1223	2.069083	.0054947	1.753585	.0619571
#2	3.139604	.0357212	173.6242	1.930633	.0058183	1.660110	.0631836
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208713-d-15-d Acquired: 11/29/2021 23:34:54 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0858867	.0037220	-.000379	3.658327	.0215504	.1997813	1.197691
Stddev	.0045315	.0012110	.000467	.012325	.0016862	.0008108	.001635
%RSD	5.276146	32.53633	123.2555	.3368961	7.824476	.4058574	.1365132
#1	.0826824	.0045783	-.000049	3.649612	.0227427	.1992079	1.196535
#2	.0890909	.0028657	-.000709	3.667042	.0203581	.2003546	1.198848
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.004567	.1122862	.2536073
Stddev	.000755	.0003996	.0002004
%RSD	16.54400	.3558528	.0790070
#1	-.005101	.1125687	.2534656
#2	-.004032	.1120036	.2537489
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1577.606	846.9996	5280.001	1115.226
Stddev	1.118	3.2137	32.590	29.901
%RSD	.0708446	.3794197	.6172274	2.681118
#1	1576.815	844.7272	5303.045	1094.083
#2	1578.396	849.2721	5256.957	1136.368

Sample Name: 500-208699-b-1-c Acquired: 11/29/2021 23:38:09 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059251	1.059306	F -.068813	.0830415	.0062506	.0012084
Stddev	.0008686	.006130	.006333	.0027119	.0001807	.0000707
%RSD	14.65896	.5786473	9.202642	3.265678	2.891136	5.848805
#1	.0065393	1.054971	-.064335	.0811240	.0061228	.0012584
#2	.0053109	1.063640	-.073291	.0849591	.0063784	.0011584
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			1.000000			
Low Limit			-.010000			

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050151	.4800690	.0004921	.5023983	.4718675	F 27.56030
Stddev	.0006583	.0031863	.0002468	.0154777	.0064082	.08013
%RSD	13.12638	.6637085	50.14871	3.080766	1.358052	.2907403
#1	.0054806	.4778160	.0006666	.5133427	.4673362	27.50364
#2	.0045496	.4823220	.0003176	.4914539	.4763988	27.61696
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Fail
High Limit						2.000000
Low Limit						-.010000

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.67152	418.9203	-.044683	.0012323	.1260807	7.482365
Stddev	.08183	2.2016	.027015	.0002743	.0284516	.036291
%RSD	.5985507	.5255508	60.46011	22.25944	22.56617	.4850137
#1	13.72938	417.3635	-.063786	.0010383	.1461990	7.456704
#2	13.61366	420.4771	-.025580	.0014263	.1059624	7.508026
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	2.000000					
Low Limit	-.010000					

Sample Name: 500-208699-b-1-c Acquired: 11/29/2021 23:38:09 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 6.637989	511.0618	F 95.42979	.0245546	.1621500	-.004498
Stddev	.089274	1.5908	1.52581	.0030458	.0080577	.002696
%RSD	1.344897	.3112642	1.598885	12.40426	4.969289	59.93123
#1	6.574863	512.1866	94.35088	.0267083	.1564523	-.006404
#2	6.701116	509.9370	96.50870	.0224008	.1678476	-.002592
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	1.500000		20.00000			
Low Limit	-.010000		-.010000			

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.202789	.0464501	.0027290	.0379369	.0087119	.1208228
Stddev	.004752	.0009295	.0000201	.0000240	.0042755	.0006642
%RSD	.3950796	2.001067	.7374897	.0633908	49.07697	.5497058
#1	1.199429	.0457928	.0027433	.0379199	.0117351	.1203532
#2	1.206149	.0471073	.0027148	.0379539	.0056886	.1212925
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0611407
Stddev	.0029672
%RSD	4.853134
#1	.0590425
#2	.0632388
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208699-b-1-c Acquired: 11/29/2021 23:38:09 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1526.462	680.2628	4774.862	1274.090
Stddev	.653	1.0345	15.450	9.071
%RSD	.0427746	.1520784	.3235620	.7119251
#1	1526.924	679.5313	4763.937	1267.676
#2	1526.000	680.9944	4785.786	1280.504

Sample Name: CCV Acquired: 11/29/2021 23:41:49 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4990179**	**50.19795**	**.4975095**	**.4986640**	F **.5727134**	**.4726181**
Stddev	.0030870	.58520	.0065318	.0141511	.0084291	.0045271
%RSD	.6186219	1.165791	1.312897	2.837809	1.471792	.9578781
#1	.5012007	50.61175	.4928908	.4886576	.5786737	.4758192
#2	.4968350	49.78415	.5021282	.5086703	.5667531	.4694169
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value					.5000000	
Range					10.00000%	

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5123140**	**24.58302**	**.5038784**	F **.1917198**	**.5212404**	**.4810220**
Stddev	.0100789	.31138	.0084455	.0055439	.0061613	.0045846
%RSD	1.967324	1.266645	1.676100	2.891685	1.182044	.9530975
#1	.5051871	24.80320	.4979065	.1877997	.5168837	.4842638
#2	.5194408	24.36284	.5098503	.1956400	.5255971	.4777802
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5289011**	**25.12792**	**48.74744**	**4.030236**	**24.71535**	**4.974539**
Stddev	.0034640	.38075	.87035	.064149	.34944	.056675
%RSD	.6549413	1.515266	1.785434	1.591701	1.413861	1.139300
#1	.5313505	25.39716	49.36288	4.075596	24.96244	5.014615
#2	.5264517	24.85869	48.13201	3.984876	24.46826	4.934464
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/29/2021 23:41:49 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4808842	25.35858	.5102106	.5107242	.4837590	.4906340
Stddev	.0084152	.43044	.0071087	.0086989	.0085757	.0113844
%RSD	1.749939	1.697426	1.393296	1.703257	1.772717	2.320349
#1	.4749338	25.66295	.5051840	.5045731	.4776951	.4825840
#2	.4868347	25.05421	.5152373	.5168753	.4898230	.4986840
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .5633857	.5172531	.5048066	.5034145	.4916301	4.997745
Stddev	.0096643	.0038231	.0036166	.0037947	.0065416	.027083
%RSD	1.715404	.7391138	.7164354	.7538016	1.330585	.5419023
#1	.5565520	.5145497	.5073639	.5060978	.4870045	5.016895
#2	.5702194	.5199564	.5022493	.5007312	.4962556	4.978594
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	10.00000%					

Elem	Zn2062
Units	ppm
Avg	.5183475
Stddev	.0017643
%RSD	.3403628
#1	.5171000
#2	.5195950
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/29/2021 23:41:49 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1860.436	924.7936	5495.812	1191.473
Stddev	36.668	22.9478	29.499	11.709
%RSD	1.970943	2.481402	.5367512	.9826923
#1	1886.364	941.0202	5474.953	1183.194
#2	1834.507	908.5670	5516.671	1199.752

Sample Name: CCB Acquired: 11/29/2021 23:44:59 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013962	.1393256	-.004863	.0000758	.0008385	-.000155
Stddev	.0004326	.0225030	.000281	.0002223	.0003004	.000173
%RSD	30.98506	16.15140	5.780164	293.3586	35.82277	111.6394
#1	.0017021	.1552377	-.005062	-.000081	.0010509	-.000033
#2	.0010903	.1234136	-.004664	.000233	.0006261	-.000277
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002683	.0009952	.0000089	F .0684448	-.000153	.0000751
Stddev	.0010721	.0056027	.0001303	.0276291	.000073	.0005307
%RSD	399.5448	562.9672	1461.112	40.36696	47.82387	706.4658
#1	-.000490	-.002967	.0001011	.0879815	-.000204	-.000300
#2	.001026	.004957	-.000083	.0489081	-.000101	.000450
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016141	F .2152033	-.083254	.0011381	.0044013	-.000380
Stddev	.0000613	.1695406	.006530	.0005016	.0427516	.000229
%RSD	3.798833	78.78156	7.843832	44.07008	971.3429	60.40608
#1	.0016574	.0953201	-.078636	.0014927	-.025829	-.000217
#2	.0015707	.3350866	-.087872	.0007834	.034631	-.000542
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.2000000				
Low Limit		-.200000				

Sample Name: CCB Acquired: 11/29/2021 23:44:59 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000020	.0459747	-.000485	-.000865	-.001297	-.001149
Stddev	.000069	.0067655	.000381	.000198	.002502	.001083
%RSD	346.1179	14.71570	78.61330	22.90532	192.9091	94.21327
#1	-.000069	.0411908	-.000215	-.000725	-.003066	-.001915
#2	.000029	.0507587	-.000754	-.001005	.000472	-.000384
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028175	-.000292	-.000013	.0001052	-.000217	.0004663
Stddev	.0003222	.001564	.000002	.0001847	.001659	.0001458
%RSD	11.43565	535.6824	12.99158	175.4741	765.8188	31.26831
#1	.0030453	-.001398	-.000012	-.000025	-.001389	.0005694
#2	.0025897	.000814	-.000015	.000236	.000956	.0003632
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	-.000034
Stddev	.000163
%RSD	483.3870
#1	-.000149
#2	.000082
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/29/2021 23:44:59 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2182.993	953.5972	5813.778	1121.579
Stddev	2.603	.2142	28.843	10.517
%RSD	.1192438	.0224671	.4961119	.9376872
#1	2184.833	953.7487	5834.173	1114.142
#2	2181.152	953.4457	5793.383	1129.015

Sample Name: CCVL Acquired: 11/29/2021 23:48:19 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059536	F .3073968	F .0052132	.0527233	.0107370	.0039653
Stddev	.0007865	.0286715	.0001156	.0005919	.0000162	.0004847
%RSD	13.21126	9.327203	2.218078	1.122665	.1507639	12.22456
#1	.0065097	.2871229	.0051314	.0531418	.0107256	.0043081
#2	.0053974	.3276706	.0052949	.0523047	.0107485	.0036225
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value		.2000000	.0100000			
Range		30.00000%	-30.0000%			

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0494572	.1761755	.0023072	F .1027495	.0048718	.0094056
Stddev	.0006877	.0057292	.0001483	.0077810	.0003089	.0008817
%RSD	1.390554	3.251961	6.428110	7.572736	6.341045	9.374356
#1	.0499435	.1721244	.0022023	.1082514	.0050902	.0087822
#2	.0489709	.1802266	.0024121	.0972475	.0046533	.0100291
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				30.00000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123188	F .3764501	.4082589	.0112501	.1055520	.0086297
Stddev	.0003250	.1078980	.0105075	.0002974	.0110973	.0004974
%RSD	2.638041	28.66197	2.573732	2.643434	10.51362	5.763603
#1	.0120890	.3001547	.4156888	.0110398	.0977050	.0082779
#2	.0125485	.4527455	.4008289	.0114603	.1133991	.0089814
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		.2000000				
Range		30.00000%				

Sample Name: CCVL Acquired: 11/29/2021 23:48:19 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102402	1.011154	.0104704	.0052357	.0207404	.0109986
Stddev	.0001553	.004569	.0000475	.0015778	.0010236	.0012604
%RSD	1.516319	.4518297	.4535288	30.13450	4.935441	11.45928
#1	.0103500	1.007923	.0104368	.0063514	.0200166	.0101074
#2	.0101304	1.014384	.0105039	.0041201	.0214642	.0118898
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .2844160	.0404238	.0051737	.0050800	.0087374	.0055432
Stddev	.0024804	.0011812	.0000298	.0000306	.0000738	.0005603
%RSD	.8720837	2.922122	.5752940	.6019252	.8448865	10.10728
#1	.2826622	.0412590	.0051526	.0050583	.0086852	.0059394
#2	.2861699	.0395885	.0051947	.0051016	.0087896	.0051470
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.2000000					
Range	30.00000%					

Elem	Zn2062
Units	ppm
Avg	.0196622
Stddev	.0000228
%RSD	.1159291
#1	.0196460
#2	.0196783
Check ?	Chk Pass
Value	
Range	

Sample Name: CCVL Acquired: 11/29/2021 23:48:19 Type: QC
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2148.737	934.1014	5771.618	1087.895
Stddev	.893	1.2233	18.146	4.389
%RSD	.0415449	.1309646	.3144082	.4034769
#1	2148.106	934.9664	5784.450	1090.999
#2	2149.369	933.2364	5758.787	1084.792

Sample Name: Si Acquired: 11/29/2021 23:51:39 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007651	.0997610	.0037970	-.001592	.0009766	-.000142
Stddev	.0004539	.0039986	.0005187	.000346	.0001284	.000273
%RSD	59.32884	4.008169	13.66189	21.73605	13.14553	193.0245
#1	.0010860	.1025884	.0034302	-.001347	.0010674	-.000335
#2	.0004441	.0969336	.0041638	-.001837	.0008858	.000052
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006170	-.003520	-.001406	.1037830	-.000698	-.000171
Stddev	.001447	.000846	.000179	.0481849	.000104	.000571
%RSD	23.45845	24.05054	12.72716	46.42848	14.90492	334.6123
#1	-.005147	-.002921	-.001280	.1378548	-.000771	-.000574
#2	-.007194	-.004118	-.001533	.0697111	-.000624	.000233
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014540	.2460735	-.124410	.0010565	-.016194	.0004837
Stddev	.0008254	.0778345	.047764	.0002080	.012180	.0016478
%RSD	56.76698	31.63058	38.39245	19.68888	75.20961	340.7007
#1	.0008704	.1910362	-.090636	.0009095	-.024807	.0016489
#2	.0020377	.3011108	-.158184	.0012036	-.007582	-.000682
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: Si Acquired: 11/29/2021 23:51:39 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000164**	**.0395026**	**.0056195**	**-.001396**	**.0055727**	**.0036616**
Stddev	.000069	.0006709	.0006670	.001087	.0021198	.0000277
%RSD	41.93155	1.698461	11.86899	77.85661	38.03854	.7553305
#1	-.000115	.0399770	.0060911	-.000628	.0040738	.0036811
#2	-.000212	.0390282	.0051478	-.002165	.0070716	.0036420
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **102.1518**	**.0009869**	**-.000009**	**.0006093**	**-.000435**	**.0007326**
Stddev	.2539	.0006046	.000026	.0000069	.001691	.0001257
%RSD	.2485931	61.26250	293.5477	1.131418	388.4681	17.16300
#1	101.9722	.0005594	-.000027	.0006142	.000760	.0008215
#2	102.3314	.0014144	.000010	.0006044	-.001631	.0006437
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	100.0000					
Low Limit	-.200000					

Elem	Zn2062
Units	ppm
Avg	**-.000696**
Stddev	.000051
%RSD	7.402561
#1	-.000732
#2	-.000659
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: Si Acquired: 11/29/2021 23:51:39 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2109.766	942.3066	5887.926	1095.561
Stddev	3.579	3.8563	230.394	2.637
%RSD	.1696430	.4092415	3.912992	.2406611
#1	2112.297	945.0334	6050.839	1093.697
#2	2107.236	939.5797	5725.012	1097.425

Sample Name: Al Acquired: 11/29/2021 23:55:18 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0030805**	F **862.4323**	**.0033968**	**-.001503**	**.0024503**	**.0000076**
Stddev	.0006653	12.3917	.0037870	.000875	.0003608	.0000683
%RSD	21.59821	1.436836	111.4873	58.21350	14.72436	894.6545
#1	.0035509	871.1946	.0060745	-.000884	.0021951	-.000041
#2	.0026100	853.6701	.0007190	-.002122	.0027054	.000056
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001706**	**.0227677**	**.0009127**	**.2556148**	**-.000532**	**-.001446**
Stddev	.002534	.0058823	.0000423	.0105916	.000031	.000521
%RSD	148.5238	25.83615	4.637135	4.143599	5.879270	36.04145
#1	.000086	.0269272	.0009426	.2631042	-.000510	-.001078
#2	-.003497	.0186083	.0008827	.2481254	-.000554	-.001815
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0037266**	**.3190337**	**-.184458**	**.0007572**	**-.029967**	**-.000027**
Stddev	.0000699	.0630631	.086105	.0018883	.033899	.000971
%RSD	1.874996	19.76692	46.68022	249.3600	113.1225	3627.103
#1	.0037760	.2744413	-.245343	-.000578	-.053937	-.000714
#2	.0036772	.3636261	-.123572	.002092	-.005996	.000660
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: AI Acquired: 11/29/2021 23:55:18 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020821	.1226056	-.006864	.0134267	F -.020329	.0038105
Stddev	.0012794	.0071389	.000969	.0051572	.001024	.0010461
%RSD	61.44802	5.822663	14.11939	38.41023	5.034842	27.45314
#1	.0029868	.1175576	-.007549	.0097800	-.019605	.0030708
#2	.0011774	.1276535	-.006179	.0170735	-.021052	.0045502
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					20.00000	
Low Limit					-.020000	

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008705	.0111146	-.003438	.0002272	F -.015850	.0001090
Stddev	.000501	.0039436	.000093	.0000220	.006416	.0004466
%RSD	5.752394	35.48099	2.714102	9.694829	40.47844	409.6203
#1	-.009059	.0083261	-.003504	.0002428	-.011314	.0004248
#2	-.008351	.0139031	-.003372	.0002117	-.020387	-.000207
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					10.00000	
Low Limit					-.010000	

Elem	Zn2062
Units	ppm
Avg	.0016596
Stddev	.0018067
%RSD	108.8654
#1	.0029371
#2	.0003820
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: Al Acquired: 11/29/2021 23:55:18 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1737.144	885.0823	5171.775	784.6153
Stddev	10.659	7.3358	31.546	11.8355
%RSD	.6135769	.8288233	.6099609	1.508444
#1	1744.681	890.2695	5149.469	776.2463
#2	1729.608	879.8952	5194.082	792.9842

Sample Name: Fe Acquired: 11/29/2021 23:58:38 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0037292**	**.0497121**	**-.001821**	**-.007458**	**.0005713**	**.0020228**	**.0184681**
Stddev	.0002600	.0125005	.002093	.000102	.0002512	.0001647	.0010345
%RSD	6.972541	25.14585	114.8991	1.363026	43.97983	8.140594	5.601767
#1	.0039130	.0408729	-.000342	-.007386	.0007489	.0021392	.0177366
#2	.0035453	.0585514	-.003301	-.007530	.0003936	.0019063	.0191997
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002131**	**-.000802**	**.2938492**	**-.000360**	**.0019396**	**-.005814**	**469.1091**
Stddev	.004872	.000145	.0142035	.000274	.0010415	.000485	1.4311
%RSD	228.5670	18.09214	4.833587	76.10735	53.69805	8.347130	.3050687
#1	.001313	-.000699	.3038925	-.000166	.0026760	-.006157	470.1210
#2	-.005576	-.000904	.2838058	-.000553	.0012031	-.005471	468.0972
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.153619**	**.0004920**	**-.029268**	**-.000147**	**-.004315**	**.0330401**	**.0107408**
Stddev	.022550	.0000322	.027273	.000865	.000622	.0052033	.0021732
%RSD	14.67905	6.543547	93.18458	588.6412	14.40365	15.74836	20.23348
#1	-.169564	.0005148	-.009983	-.000759	-.003876	.0367194	.0092041
#2	-.137674	.0004693	-.048553	.000465	-.004754	.0293609	.0122775
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: Fe Acquired: 11/29/2021 23:58:38 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0086090**	**.0119510**	**.0028486**	**.0022654**	**.0059216**	**.0001842**	**-.000586**
Stddev	.0015880	.0020561	.0017420	.0004918	.0014251	.0000076	.000032
%RSD	18.44522	17.20445	61.15462	21.70874	24.06536	4.111044	5.426231
#1	.0097319	.0104971	.0016167	.0026131	.0069293	.0001788	-.000609
#2	.0074862	.0134049	.0040803	.0019176	.0049140	.0001896	-.000564
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**.0010439**	**.0011991**	**-.001866**
Stddev	.0021436	.0005998	.000134
%RSD	205.3492	50.01523	7.163327
#1	-.000472	.0016232	-.001961
#2	.002560	.0007751	-.001772
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1906.828**	**892.1071**	**5507.838**	**1184.284**
Stddev	11.494	7.9078	29.726	4.618
%RSD	.6027955	.8864186	.5397114	.3899160
#1	1914.956	897.6988	5528.858	1181.019
#2	1898.701	886.5155	5486.819	1187.550

Sample Name: As Acquired: 11/30/2021 0:01:59 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006890	.1292316	F 1.028389	-.001807	.0009298	.0000836
Stddev	.0015949	.0008472	.009076	.000009	.0001952	.0001844
%RSD	231.4966	.6555592	.8825365	.4731471	20.99336	220.5075
#1	-.000439	.1286325	1.021972	-.001813	.0010679	-.000047
#2	.001817	.1298306	1.034807	-.001801	.0007918	.000214
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			1.000000			
Low Limit			-.010000			

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000571	-.002729	-.000407	.1301183	-.000304	-.000633
Stddev	.001030	.003504	.000091	.0040600	.000107	.000488
%RSD	180.3695	128.3822	22.34165	3.120207	35.06356	77.10237
#1	.000157	-.000252	-.000472	.1272474	-.000379	-.000978
#2	-.001300	-.005207	-.000343	.1329891	-.000229	-.000288
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016037	.1898604	-.078064	.0010863	-.026903	.0000867
Stddev	.0000810	.2496886	.034488	.0003789	.008345	.0008105
%RSD	5.050320	131.5117	44.17975	34.88074	31.01915	935.0008
#1	.0016610	.0133039	-.102451	.0013543	-.021002	-.000486
#2	.0015465	.3664169	-.053677	.0008184	-.032804	.000660
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: As Acquired: 11/30/2021 0:01:59 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000809	.0351702	-.000514	-.000851	-.000633	-.002691
Stddev	.0006275	.0026887	.000084	.001970	.000948	.000403
%RSD	775.7709	7.644934	16.29171	231.3563	149.8480	14.96139
#1	-.000363	.0332689	-.000573	-.002244	-.001303	-.002976
#2	.000525	.0370714	-.000454	.000541	.000038	-.002406
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031919	-.000602	-.000042	.0001281	-.001369	.0005396
Stddev	.0003069	.000296	.000000	.0000307	.000094	.0000727
%RSD	9.615731	49.21545	.5470631	23.97329	6.833504	13.47453
#1	.0029749	-.000811	-.000042	.0001498	-.001435	.0005910
#2	.0034089	-.000392	-.000043	.0001064	-.001303	.0004882
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	-.000553
Stddev	.000490
%RSD	88.60718
#1	-.000207
#2	-.000900
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: As Acquired: 11/30/2021 0:01:59 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2159.405	938.5932	5808.230	1083.542
Stddev	14.701	7.0015	56.478	19.693
%RSD	.6807809	.7459616	.9723867	1.817504
#1	2169.800	943.5441	5848.166	1097.467
#2	2149.010	933.6424	5768.294	1069.616

Sample Name: Va Acquired: 11/30/2021 0:05:20 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000110**	**.0228901**	**-.002893**	**-.002619**	**.0009922**	**-.000253**	**-.001852**
Stddev	.000825	.0205592	.003251	.000431	.0001078	.000013	.001482
%RSD	751.3110	89.81688	112.3627	16.47618	10.85971	5.298691	79.98121
#1	-.000694	.0374276	-.005192	-.002924	.0010684	-.000262	-.000805
#2	.000474	.0083526	-.000595	-.002314	.0009160	-.000243	-.002900
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0018550**	**.0005815**	**.0890704**	**.0000326**	**-.000038**	**.0004603**	**.1573733**
Stddev	.0053103	.0001341	.0401883	.0000355	.000207	.0003973	.0048182
%RSD	286.2690	23.05749	45.11967	108.8919	547.8004	86.31796	3.061627
#1	-.001900	.0006763	.0606530	.0000075	.000108	.0007412	.1607803
#2	.005610	.0004867	.1174878	.0000578	-.000184	.0001793	.1539663
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.081694**	**.0010486**	**-.024586**	**.0007725**	**-.000495**	**.0295954**	**-.001329**
Stddev	.021429	.0004735	.028963	.0001102	.000429	.0007891	.000013
%RSD	26.23061	45.15465	117.8051	14.26198	86.52296	2.666285	.9504974
#1	-.066542	.0007138	-.004106	.0008504	-.000799	.0290374	-.001338
#2	-.096847	.0013835	-.045066	.0006946	-.000192	.0301534	-.001320
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: Va Acquired: 11/30/2021 0:05:20 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000677	-.007303	.0009169	-.000930	.0003865	-.000162	.0001045
Stddev	.000172	.000078	.0020507	.000302	.0007473	.000001	.0001795
%RSD	25.38477	1.069779	223.6595	32.43138	193.3583	.9230360	171.8392
#1	-.000799	-.007247	-.000533	-.000717	.0009149	-.000161	.0002314
#2	-.000556	-.007358	.002367	-.001144	-.000142	-.000163	-.000022
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0005444	6.940566	-.000371
Stddev	.0004462	.012463	.000387
%RSD	81.95290	.1795693	104.1950
#1	.0008599	6.931754	-.000098
#2	.0002289	6.949379	-.000645
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2160.160	930.7488	5712.451	1078.855
Stddev	5.770	3.5693	52.940	17.675
%RSD	.2671259	.3834903	.9267521	1.638354
#1	2164.240	933.2727	5675.017	1091.353
#2	2156.080	928.2249	5749.886	1066.356

Sample Name: Co Acquired: 11/30/2021 0:08:41 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017836	.1169337	-.003032	-.002503	.0009859	-.000005	.0003550
Stddev	.0001541	.0721938	.000639	.000484	.0001394	.000079	.0007776
%RSD	8.638766	61.73913	21.08703	19.34421	14.13773	1751.140	219.0208
#1	.0016747	.1679824	-.002580	-.002161	.0010845	-.000061	-.000195
#2	.0018926	.0658849	-.003484	-.002845	.0008873	.000052	.000905
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011697	.0001911	.0914567	2.941431	.0000314	.0018926	.1416549
Stddev	.007781	.0001718	.0392194	.003520	.0004558	.0001825	.1025907
%RSD	66.51856	89.89915	42.88304	.1196586	1451.029	9.645219	72.42296
#1	-.006195	.0003126	.0637244	2.943920	-.000291	.0017635	.2141974
#2	-.017199	.0000696	.1191890	2.938942	.000354	.0020216	.0691123
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.115445	.0009777	.0059273	-.000553	.0003202	.0368905	.0004042
Stddev	.008719	.0000466	.0120024	.000175	.0002765	.0046130	.0003164
%RSD	7.552328	4.762842	202.4937	31.67001	86.36959	12.50455	78.28822
#1	-.109280	.0010107	.0144143	-.000429	.0005157	.0401524	.0001804
#2	-.121610	.0009448	-.002560	-.000676	.0001246	.0336286	.0006280
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: Co Acquired: 11/30/2021 0:08:41 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004299	-.001180	.0001090	.0015533	-.001495	-.000044	.0001027
Stddev	.0004188	.000637	.0015952	.0001923	.000594	.000002	.0000482
%RSD	97.41758	54.00775	1464.216	12.38228	39.71767	5.045619	46.97341
#1	.0001338	-.000729	.0012369	.0016893	-.001075	-.000042	.0000686
#2	.0007260	-.001631	-.001019	.0014173	-.001915	-.000045	.0001368
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0088454	.0001739	-.000385
Stddev	.0002926	.0002703	.000214
%RSD	3.308504	155.4741	55.67370
#1	.0090523	-.000017	-.000536
#2	.0086385	.000365	-.000233
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2155.311	930.9176	5744.711	1086.479
Stddev	.559	3.3650	1.540	1.134
%RSD	.0259251	.3614733	.0268110	.1043900
#1	2154.916	928.5381	5743.622	1087.281
#2	2155.706	933.2970	5745.800	1085.677

Sample Name: Ti Acquired: 11/30/2021 0:12:02 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022790**	**.1314173**	**-.005501**	**-.001781**	**.0006436**	**-.000192**	**-.002303**
Stddev	.0004547	.0092854	.002830	.000331	.0002109	.000023	.000164
%RSD	19.95381	7.065599	51.43603	18.60003	32.77165	12.18267	7.141665
#1	.0019574	.1248516	-.007502	-.002015	.0004945	-.000176	-.002187
#2	.0026005	.1379831	-.003500	-.001547	.0007928	-.000209	-.002419
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003602**	**.0002350**	**.1345446**	**.0006871**	**.0006514**	**.0016394**	**.2260940**
Stddev	.019887	.0000758	.0069425	.0003627	.0002029	.0003326	.0669943
%RSD	552.1477	32.24403	5.159975	52.78656	31.14419	20.28645	29.63117
#1	.010461	.0002885	.1394537	.0009436	.0007949	.0014043	.1787219
#2	-.017664	.0001814	.1296356	.0004307	.0005080	.0018746	.2734661
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.115609**	**.0009771**	**-.001334**	**-.000175**	**.0002941**	**.0370101**	**-.000251**
Stddev	.005631	.0006096	.019667	.000098	.0008217	.0093120	.000853
%RSD	4.870607	62.38322	1474.754	55.94887	279.4551	25.16082	339.6566
#1	-.119590	.0014081	.012573	-.000106	.0008751	.0435947	.000352
#2	-.111627	.0005461	-.015240	-.000245	-.000287	.0304255	-.000854
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: Ti Acquired: 11/30/2021 0:12:02 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001144**	**-.005388**	**-.000499**	**-.025939**	**-.000884**	**.0000289**	**2.996435**
Stddev	.002214	.000791	.000861	.000990	.000024	.0000124	.012351
%RSD	193.5727	14.67355	172.6657	3.817312	2.755632	42.70418	.4121918
#1	-.002709	-.005947	.000110	-.026639	-.000867	.0000202	2.987701
#2	.000422	-.004829	-.001107	-.025239	-.000901	.0000377	3.005168
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**-.000609**	**.0016661**	**-.000794**
Stddev	.001812	.0009654	.000434
%RSD	297.7689	57.94668	54.69517
#1	.000673	.0023487	-.001101
#2	-.001890	.0009834	-.000487
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2137.130**	**929.4369**	**5733.330**	**1068.752**
Stddev	9.430	5.9817	17.938	7.276
%RSD	.4412635	.6435871	.3128789	.6808314
#1	2130.462	925.2072	5746.014	1073.897
#2	2143.799	933.6666	5720.645	1063.607

Sample Name: Ce Acquired: 11/30/2021 0:18:45 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0191694**	**.2024894**	**-.009022**	**-.002616**	**.0000666**	**-.000398**	**-.001026**
Stddev	.0001842	.0589593	.000515	.000141	.0004117	.000156	.000151
%RSD	.9609134	29.11724	5.704548	5.382341	618.5475	39.17619	14.71664
#1	.0190392	.2441800	-.008658	-.002517	-.000225	-.000288	-.001133
#2	.0192997	.1607989	-.009386	-.002716	.000358	-.000509	-.000920
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0051987**	**.0005124**	**10.05980**	**-.000031**	**.0003364**	**-.000387**	**.0907354**
Stddev	.0072546	.0001573	.04730	.000163	.0005983	.000478	.1183632
%RSD	139.5483	30.70049	.4701560	531.8459	177.8332	123.4671	130.4486
#1	.0103285	.0004012	10.09325	-.000146	.0007595	-.000049	.1744308
#2	.0000689	.0006236	10.02636	.000085	-.000087	-.000725	.0070401
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.103833**	**.0023437**	**-.049889**	**-.001073**	**-.001280**	**.0414506**	**-.000657**
Stddev	.031203	.0010582	.046984	.000424	.000419	.0029757	.000312
%RSD	30.05080	45.15175	94.17703	39.52252	32.70474	7.178945	47.48967
#1	-.081769	.0030920	-.083112	-.000773	-.001576	.0435547	-.000877
#2	-.125896	.0015955	-.016666	-.001372	-.000984	.0393464	-.000436
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: Ce Acquired: 11/30/2021 0:18:45 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009553	.0013637	-.002047	.0004180	-.000572	-.002174	.0000015
Stddev	.0010457	.0008246	.000379	.0024753	.001946	.000004	.0000044
%RSD	109.4614	60.46947	18.49667	592.2204	339.9183	.1624336	297.6739
#1	.0016947	.0019467	-.001780	-.001332	-.001949	-.002177	.0000046
#2	.0002159	.0007806	-.002315	.002168	.000804	-.002172	-.000002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.005495	.0002530	.0012590
Stddev	.000863	.0001987	.0000508
%RSD	15.70915	78.54726	4.031409
#1	-.006106	.0001125	.0012949
#2	-.004885	.0003935	.0012231
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2152.815	933.4969	5796.931	952.1779
Stddev	21.728	7.5414	84.438	52.9601
%RSD	1.009287	.8078702	1.456607	5.561996
#1	2137.451	928.1643	5737.224	914.7294
#2	2168.179	938.8296	5856.638	989.6263

Sample Name: Mn Acquired: 11/30/2021 0:15:23 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001460**	**.1227852**	**-.001573**	**-.001877**	**.0005837**	**-.000168**
Stddev	.0001593	.0277267	.001759	.000126	.0000414	.000034
%RSD	109.1437	22.58148	111.8150	6.727498	7.087927	19.98923
#1	.0002587	.1423910	-.000329	-.001966	.0005544	-.000192
#2	.0000333	.1031795	-.002817	-.001787	.0006130	-.000144
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0030401**	**-.006055**	**.0004773**	**.1060993**	**-.000244**	**.0004771**
Stddev	.0007019	.001013	.0000196	.0034444	.000201	.0005496
%RSD	23.08831	16.72191	4.108467	3.246363	82.36293	115.1928
#1	.0025438	-.006771	.0004912	.1085349	-.000102	.0008657
#2	.0035365	-.005339	.0004635	.1036638	-.000386	.0000885
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016812**	**.1883592**	**-.080557**	**.0010864**	F **-.105080**	**18.28328**
Stddev	.0000385	.0714566	.012394	.0006449	.003673	.10309
%RSD	2.289178	37.93632	15.38563	59.36214	3.495824	.5638224
#1	.0017085	.2388867	-.071793	.0015424	-.102483	18.21038
#2	.0016540	.1378318	-.089321	.0006304	-.107678	18.35617
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					600.0000	
Low Limit					-.100000	

Sample Name: Mn Acquired: 11/30/2021 0:15:23 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000826	.0306506	-.000478	-.000916	.0009195	.0019956
Stddev	.000323	.0096409	.000816	.001711	.0004286	.0012350
%RSD	39.15118	31.45427	170.9425	186.8398	46.60790	61.88406
#1	-.000597	.0238334	-.001055	-.002126	.0012225	.0028689
#2	-.001055	.0374678	.000100	.000294	.0006165	.0011224
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051860	-.001071	-.000045	.0002241	.0000215	.0007996
Stddev	.0010940	.000797	.000011	.0000101	.0026232	.0005585
%RSD	21.09434	74.45586	25.04585	4.531417	12172.72	69.84490
#1	.0059596	-.001635	-.000037	.0002169	.0018764	.0011945
#2	.0044125	-.000507	-.000053	.0002313	-.001833	.0004047
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

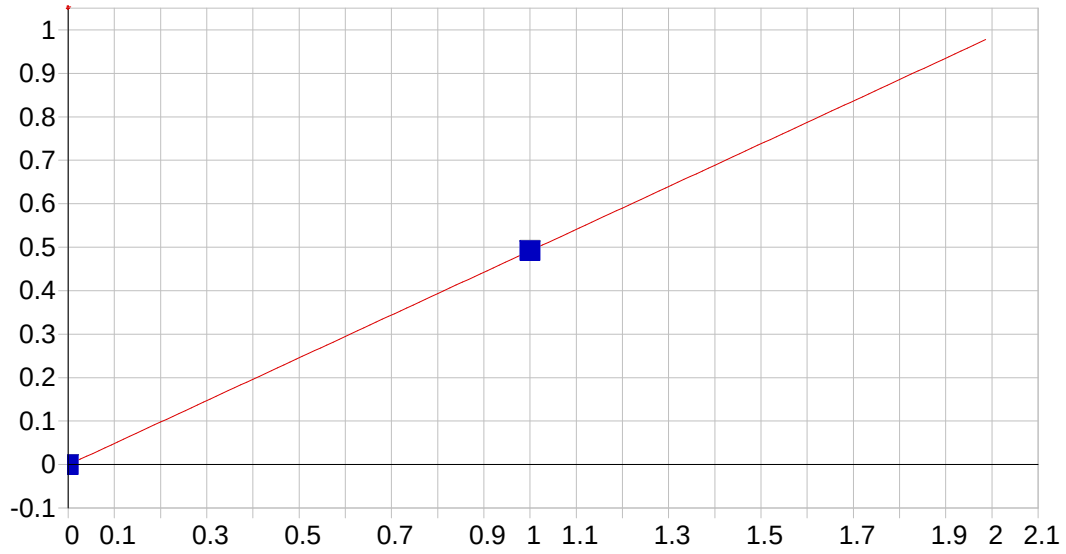
Elem	Zn2062
Units	ppm
Avg	-.000895
Stddev	.000123
%RSD	13.78976
#1	-.000808
#2	-.000982
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: Mn Acquired: 11/30/2021 0:15:23 Type: Unk
Method: P6112921A1(v2) Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2126.649	930.6019	5740.093	1108.660
Stddev	4.328	.3706	35.487	11.356
%RSD	.2035014	.0398285	.6182338	1.024264
#1	2123.589	930.3398	5765.186	1116.690
#2	2129.710	930.8640	5715.000	1100.630

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	CorrFact	Check	Check Table	Fail Action
1	---	---	---	---	Cal	---	---	---	---	---	None
2	1	1	1	1	QC	S1	P8120321B	1	☒	S1	None
3	2	1	2	1	QC	S2		1	☒	S2	None
4	3	1	3	1	QC	ICV		1	☒	ICV	None
5	4	1	4	1	QC	ICB		1	☒	ICB	None
6	5	1	5	1	QC	ICVL		1	☒	CCVLL	None
7	6	1	6	1	QC	CRI		1	☒	CRI	None
8	7	1	7	1	QC	ICSA		1	☒	ICSA	None
9	8	1	8	1	QC	ICSAB		1	☒	ICSAB	None
10	9	1	9	1	QC	CCV		1	☒	CCV	None
11	10	1	10	1	QC	CCB		1	☒	CCB	None
12	11	1	11	1	QC	MRL		1	☒	CCVLL	None
13	109	2	1	5	QC	LRC		1	☒	LRC	None
14	110	2	2	5	QC	MRL		1	☒	CCVLL	None
15	12	1	12	1	Unk	lb 500-630390/1-b		1	☒	RLTABLE	---
16	13	1	1	2	Unk	lcs 500-631798/2-a		1	☒	RLTABLE	---
17	14	1	2	2	Unk	500-208567-f-1-i		1	☒	RLTABLE	---
18	15	1	3	2	Unk	500-208567-f-2-g		1	☒	RLTABLE	---
19	16	1	4	2	Unk	500-208567-f-3-g		1	☒	RLTABLE	---
20	17	1	5	2	Unk	500-208567-f-5-g		1	☒	RLTABLE	---
21	18	1	6	2	Unk	500-208567-f-6-j		1	☒	RLTABLE	---
22	19	1	7	2	Unk	500-208567-f-7-g		1	☒	RLTABLE	---
23	20	1	8	2	Unk	500-208567-f-8-g		1	☒	RLTABLE	---
24	21	1	9	2	Unk	500-208567-f-9-g		1	☒	RLTABLE	---
25	22	1	10	2	QC	CCV		1	☒	CCV	None
26	23	1	11	2	QC	CCB		1	☒	CCB	None
27	24	1	12	2	Unk	500-208567-f-10-g		1	☒	RLTABLE	---
28	25	1	1	3	Unk	500-208567-f-11-g		1	☒	RLTABLE	---
29	26	1	2	3	Unk	500-208567-f-12-g		1	☒	RLTABLE	---
30	27	1	3	3	Unk	500-208567-f-13-g		1	☒	RLTABLE	---
31	28	1	4	3	Unk	500-208567-f-14-g		1	☒	RLTABLE	---
32	29	1	5	3	Unk	500-208567-f-15-g		1	☒	RLTABLE	---
33	30	1	6	3	Unk	500-208567-f-16-g		1	☒	RLTABLE	---
34	31	1	7	3	Unk	500-208567-f-17-g		1	☒	RLTABLE	---
35	32	1	8	3	Unk	500-208567-f-18-g		1	☒	RLTABLE	---
36	33	1	9	3	Unk	500-208567-f-19-g		1	☒	RLTABLE	---
37	34	1	10	3	QC	CCV		1	☒	CCV	None
38	35	1	11	3	QC	CCB		1	☒	CCB	None
39	36	1	12	3	Unk	500-208567-f-20-k		1	☒	RLTABLE	---
40	37	1	1	4	Unk	208567-f-20-kSD@5		1	☒	RLTABLE	---
41	38	1	2	4	Unk	500-208567-f-20-l du		1	☒	RLTABLE	---
42	39	1	3	4	Unk	500-208567-f-20-m ms		1	☒	RLTABLE	---
43	40	1	4	4	Unk	lb2 500-630391/1-b		1	☒	RLTABLE	---
44	41	1	5	4	Unk	500-208567-f-4-g		1	☒	RLTABLE	---
45	42	1	6	4	Unk	lb 500-631111/2-c		1	☒	RLTABLE	---
46	43	1	7	4	Unk	500-208786-a-2-e@5		1	☒	RLTABLE	---
47	44	1	8	4	Unk	mb 500-631636/1-a		1	☒	RLTABLE	---
48	45	1	9	4	Unk	lcs 500-631636/2-a		1	☒	RLTABLE	---
49	46	1	10	4	QC	CCV		1	☒	CCV	None
50	47	1	11	4	QC	CCB		1	☒	CCB	None
51	48	1	12	4	Unk	500-208657-d-1-b		1	☒	RLTABLE	---
52	49	1	1	5	Unk	500-208657-d-2-b		1	☒	RLTABLE	---
53	50	1	2	5	Unk	500-208657-d-3-b		1	☒	RLTABLE	---
54	51	1	3	5	Unk	500-208657-d-4-b		1	☒	RLTABLE	---
55	52	1	4	5	Unk	500-208657-d-5-b		1	☒	RLTABLE	---
56	53	1	5	5	Unk	500-208657-d-6-b		1	☒	RLTABLE	---
57	54	1	6	5	Unk	500-208657-d-7-b		1	☒	RLTABLE	---
58	55	1	7	5	Unk	500-208657-d-8-e		1	☒	RLTABLE	---
59	56	1	8	5	Unk	500-208657-d-8-eSD@		1	☒	RLTABLE	---

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	CorrFact	Check	Check Table	Fail Action
60	57	1	9	5	Unk	500-208657-d-8-f du		1	☒	RLTABLE	---
61	58	1	10	5	QC	CCV		1	☒	CCV	None
62	59	1	11	5	QC	CCB		1	☒	CCB	None
63	60	1	12	5	Unk	500-208657-d-8-g ms		1	☒	RLTABLE	---
64	61	2	1	1	Unk	500-208657-d-8-h msd		1	☒	RLTABLE	---
65	62	2	2	1	Unk	500-208657-d-9-b		1	☒	RLTABLE	---
66	63	2	3	1	Unk	500-208657-d-10-b		1	☒	RLTABLE	---
67	64	2	4	1	Unk	500-208657-d-11-b		1	☒	RLTABLE	---
68	65	2	5	1	Unk	500-208657-d-12-b		1	☒	RLTABLE	---
69	66	2	6	1	Unk	500-208657-d-13-b		1	☒	RLTABLE	---
70	67	2	7	1	Unk	500-208657-d-14-b		1	☒	RLTABLE	---
71	68	2	8	1	Unk	500-208657-d-15-b		1	☒	RLTABLE	---
72	69	2	9	1	Unk	500-208657-d-16-b		1	☒	RLTABLE	---
73	70	2	10	1	QC	CCV		1	☒	CCV	None
74	71	2	11	1	QC	CCB		1	☒	CCB	None
75	72	2	12	1	Unk	500-208657-d-17-b		1	☒	RLTABLE	---
76	73	2	1	2	Unk	500-208500-e-1-a		1	☒	RLTABLE	---
77	74	2	2	2	Unk	500-208500-e-2-a		1	☒	RLTABLE	---
78	75	2	3	2	Unk	lcs 500-631622/2-a		1	☒	RLTABLE	---
79	76	2	4	2	Unk	500-208725-f-17-e		1	☒	RLTABLE	---
80	77	2	5	2	Unk	500-208725-f-18-e		1	☒	RLTABLE	---
81	78	2	6	2	Unk	500-208725-f-19-e		1	☒	RLTABLE	---
82	79	2	7	2	Unk	500-208725-f-20-e		1	☒	RLTABLE	---
83	80	2	8	2	Unk	500-208725-f-21-e		1	☒	RLTABLE	---
84	81	2	9	2	Unk	500-208725-f-22-g		1	☒	RLTABLE	---
85	82	2	10	2	QC	CCV		1	☒	CCV	None
86	83	2	11	2	QC	CCB		1	☒	CCB	None
87	111	2	3	5	QC	CCVL		1	☒	CCVLL	None
88	84	2	12	2	Unk	208725-f-22-gSD@5		1	☒	RLTABLE	---
89	85	2	1	3	Unk	500-208725-f-22-h du		1	☒	RLTABLE	---
90	86	2	2	3	Unk	500-208725-f-22-i ms		1	☒	RLTABLE	---
91	87	2	3	3	Unk	500-208725-f-23-e		1	☒	RLTABLE	---
92	88	2	4	3	Unk	500-208470-g-1-c		1	☒	RLTABLE	---
93	89	2	5	3	Unk	500-208470-g-2-c		1	☒	RLTABLE	---
94	90	2	6	3	Unk	500-208470-g-3-c		1	☒	RLTABLE	---
95	91	2	7	3	Unk	500-208568-a-8-b		1	☒	RLTABLE	---
96	92	2	8	3	Unk	MB 500-631367/1-A		1	☒	RLTABLE	---
97	93	2	9	3	Unk	LCS 500-631367/2-A		1	☒	RLTABLE	---
98	94	2	10	3	QC	CCV		1	☒	CCV	None
99	95	2	11	3	QC	CCB		1	☒	CCB	None
100	112	2	4	5	QC	CCVL		1	☒	CCVLL	None
101	96	2	12	3	Unk	500-208504-B-2-A		1	☒	RLTABLE	---
102	97	2	1	4	Unk	500-208504-B-3-A		1	☒	RLTABLE	---
103	98	2	2	4	Unk	500-208509-A-1-A		1	☒	RLTABLE	---
104	99	2	3	4	Unk	500-208509-A-2-A		1	☒	RLTABLE	---
105	100	2	4	4	Unk	500-208509-A-2-Asd@		1	☒	RLTABLE	---
106	101	2	5	4	Unk	500-208509-A-2-B DU		1	☒	RLTABLE	---
107	102	2	6	4	Unk	500-208509-A-2-C MS		1	☒	RLTABLE	---
108	106	2	10	4	QC	CCV		1	☒	CCV	None
109	107	2	11	4	QC	CCB		1	☒	CCB	None
110	108	2	12	4	QC	CCVL		1	☒	CCVLL	None

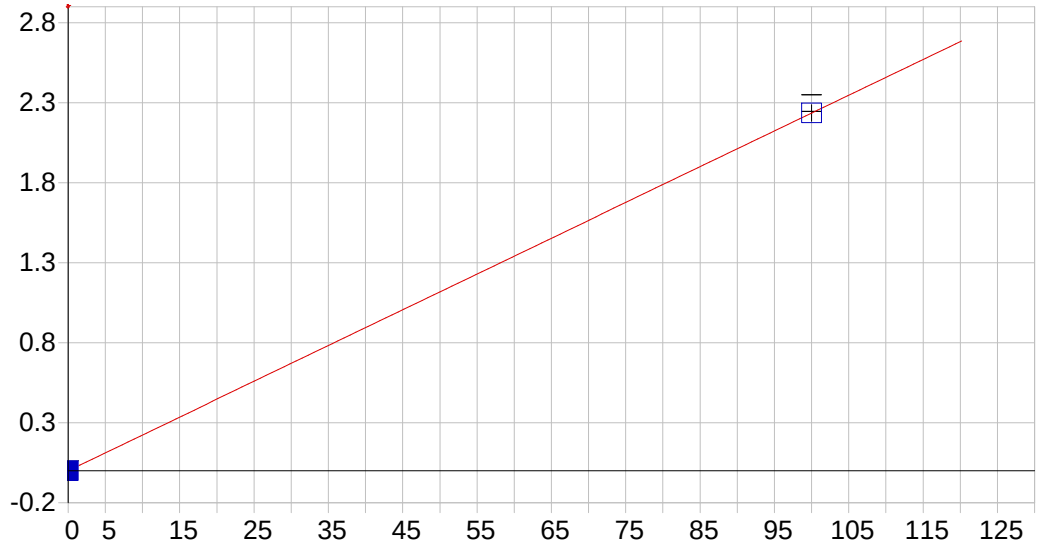


Ag 328.068 {103}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000762	Re-Slope:	1.000000
A1 (Gain):	0.492458	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001003		
Predicted MQL:	0.003344		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00076	.000	1
S1	1.0000	1.0000	.000	.000	.49181	.001	1

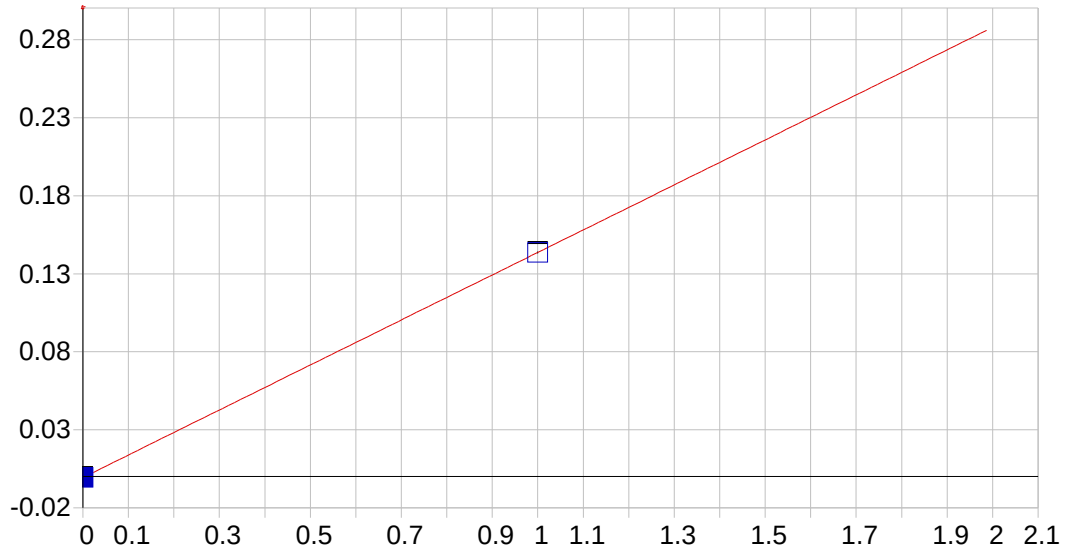


Al 308.215 {109}

Date of Fit:	12/3/2021 15:42:38	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000275	Re-Slope:	1.000000
A1 (Gain):	0.022352	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.050253		
Predicted MQL:	0.167509		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00027	.000	1
S2	100.00	100.00	.000	.000	2.2355	.052	1

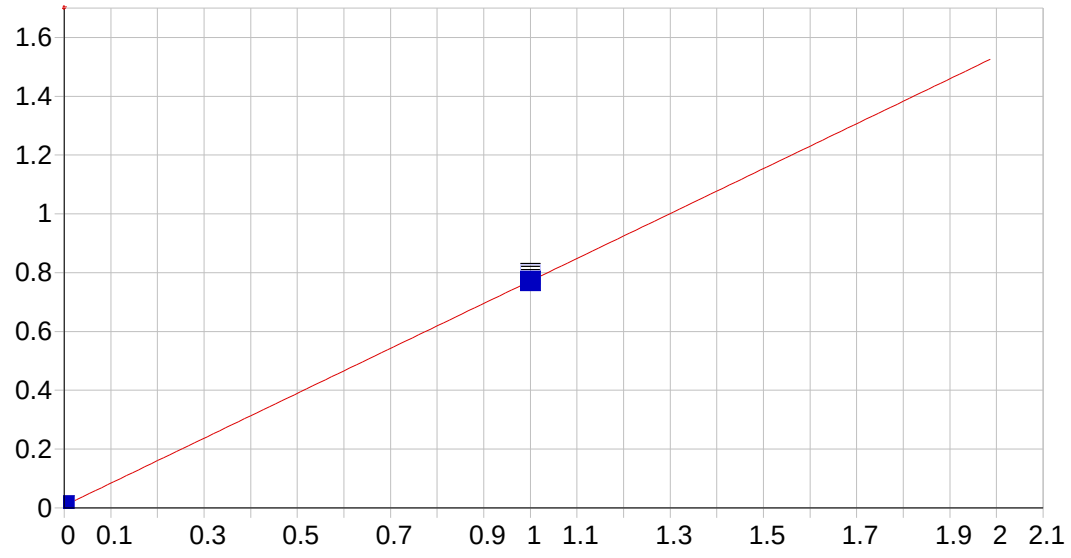


As 189.042 {478}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000572	Re-Slope:	1.000000
A1 (Gain):	0.144230	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.002763		
Predicted MQL:	0.009209		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00057	.000	1
S1	1.0000	1.0000	.000	.000	.14366	.001	1

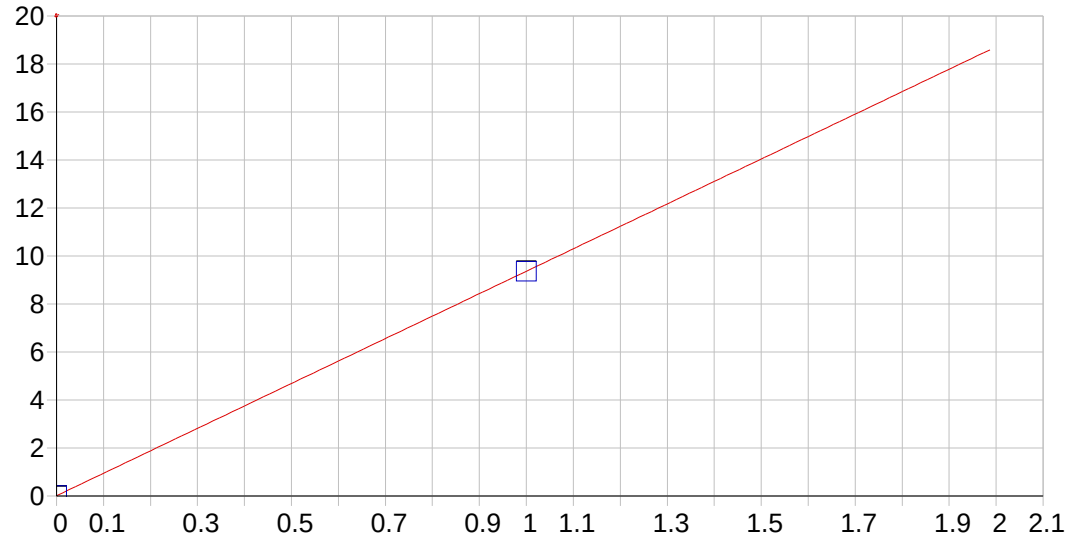


B 208.959 {461}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.007756	Re-Slope:	1.000000
A1 (Gain):	0.764090	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000534		
Predicted MQL:	0.001781		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00776	.000	1
S1	1.0000	1.0000	.000	.000	.79294	.005	1

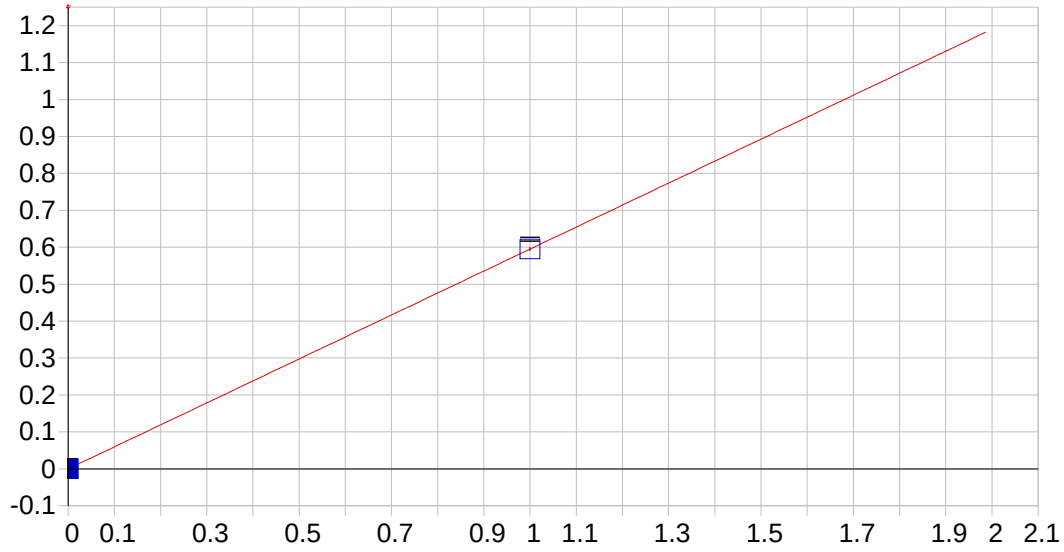


Ba 455.403 { 74}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.012119	Re-Slope:	1.000000
A1 (Gain):	9.352716	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000289		
Predicted MQL:	0.000963		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.01212	.001	1
S1	1.0000	1.0000	.000	.000	9.3648	.011	1

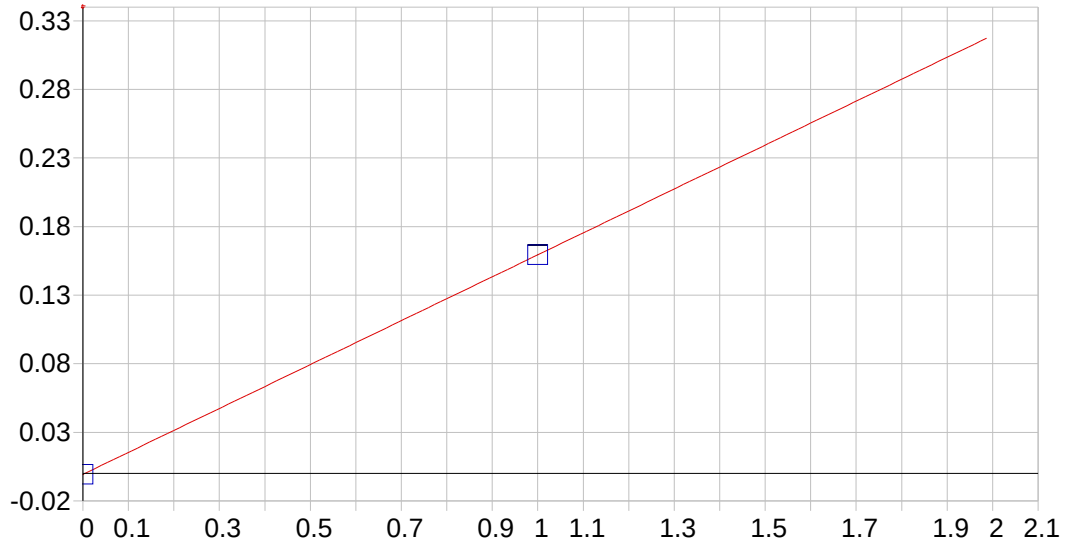


Be 234.861 {143}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000064	Re-Slope:	1.000000
A1 (Gain):	0.595167	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001236		
Predicted MQL:	0.004121		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00006	.001	1
S1	1.0000	1.0000	.000	.000	.59510	.005	1

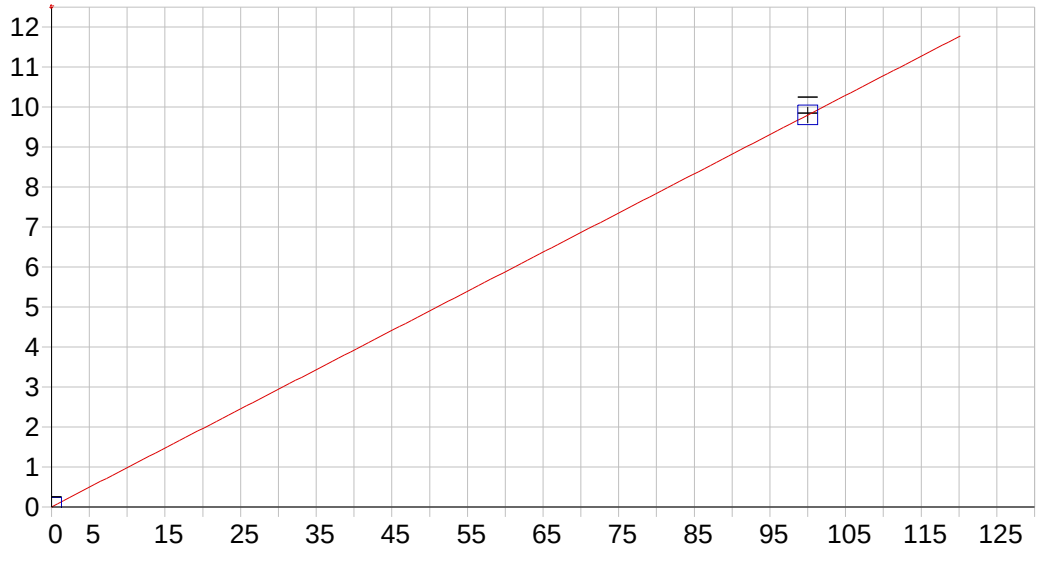


Bi 223.061 {451}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000617	Re-Slope:	1.000000
A1 (Gain):	0.160035	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.002292		
Predicted MQL:	0.007639		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00062	.000	1
S1	1.0000	1.0000	.000	.000	.15942	.000	1

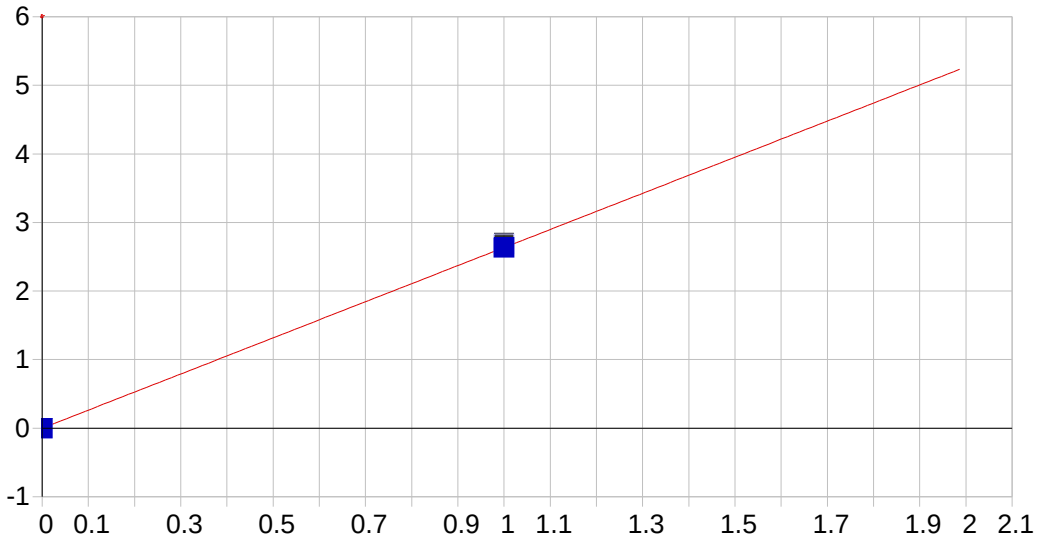


Ca 317.933 {106}

Date of Fit:	12/3/2021 15:42:38	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003943	Re-Slope:	1.000000
A1 (Gain):	0.097989	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.009097		
Predicted MQL:	0.030322		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00394	.000	1
S2	100.00	100.00	.000	.000	9.8028	.204	1

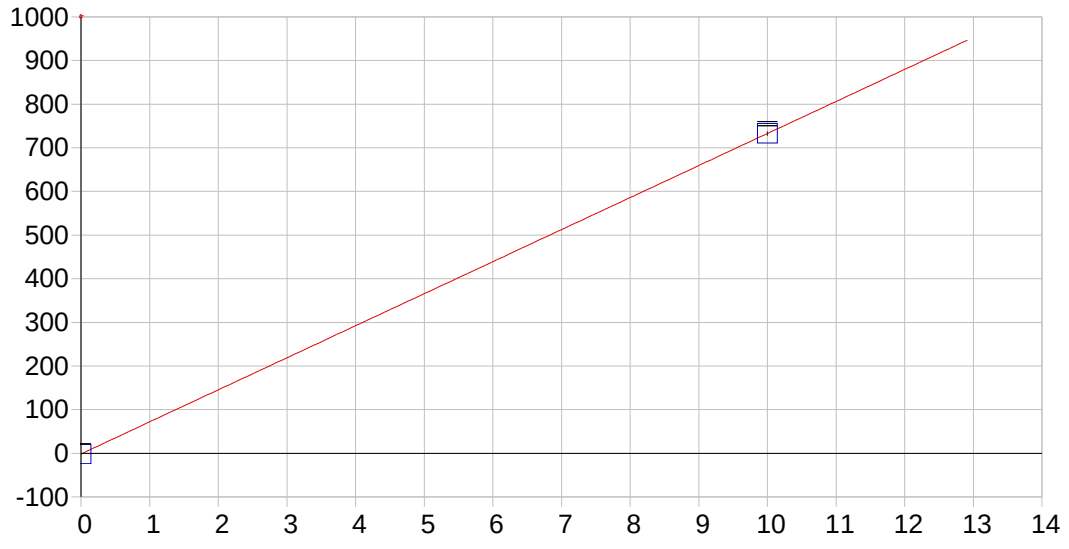


Cd 228.802 {447}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000135	Re-Slope:	1.000000
A1 (Gain):	2.634504	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000245		
Predicted MQL:	0.000818		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00014	.001	1
S1	1.0000	1.0000	.000	.000	2.6859	.012	1

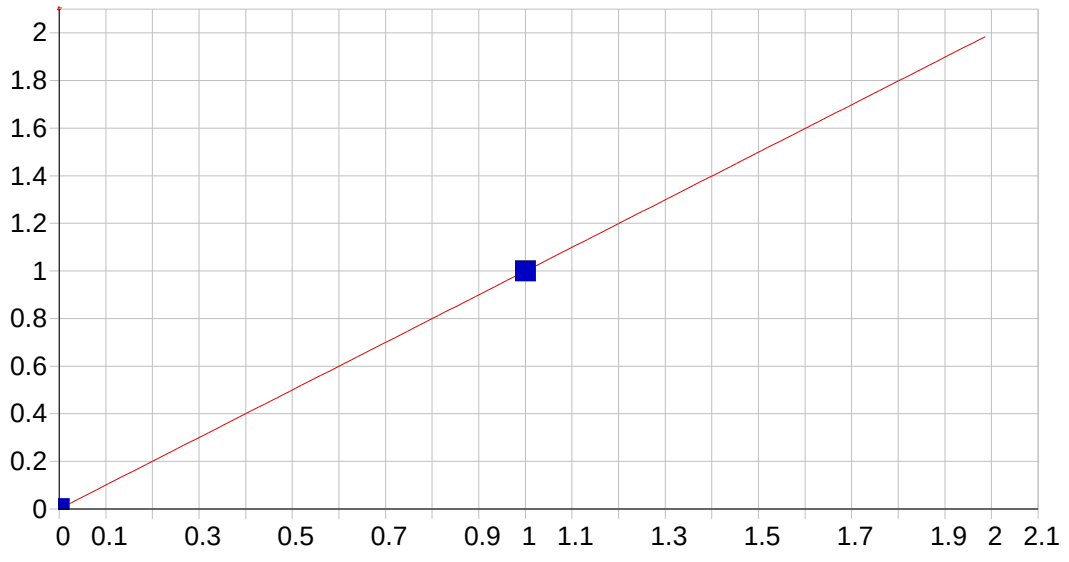


Ce 404.076 { 83}

Date of Fit:	12/3/2021 15:46:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-1.453204	Re-Slope:	1.000000
A1 (Gain):	73.425223	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.039513		
Predicted MQL:	0.131711		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-1.4532	.555	1
CE	10.000	10.0000	.000	.000	732.80	4.51	1

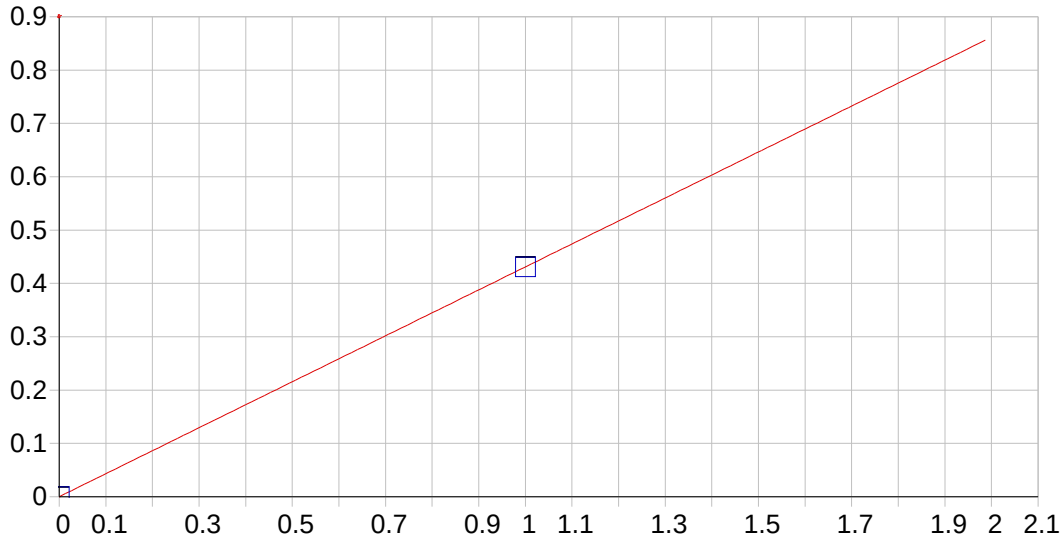


Co 228.616 {447}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000820	Re-Slope:	1.000000
A1 (Gain):	0.998583	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000380		
Predicted MQL:	0.001265		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00082	.001	1
S1	1.0000	1.0000	.000	.000	1.0007	.001	1

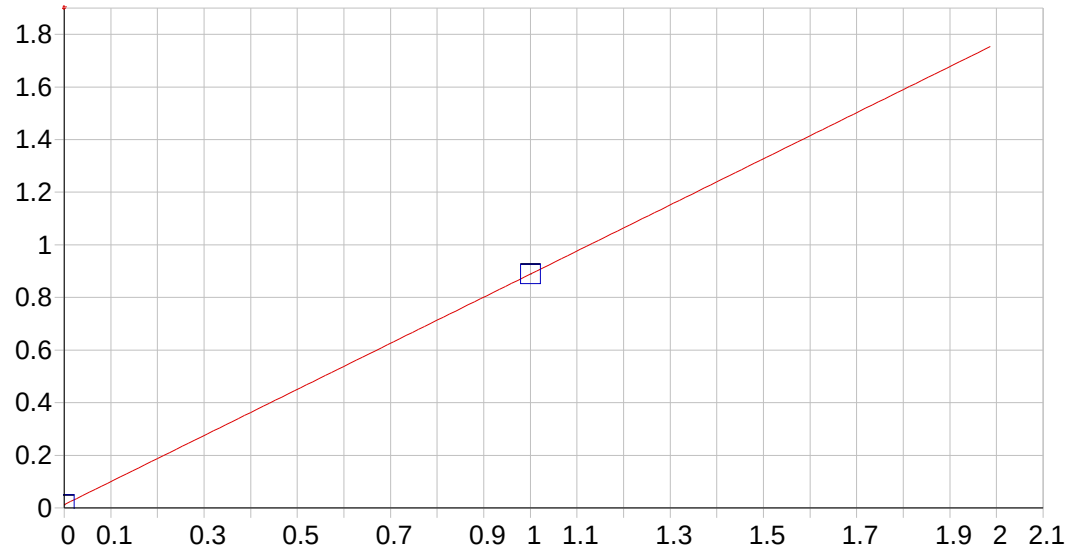


Cr 267.716 {126}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000196	Re-Slope:	1.000000
A1 (Gain):	0.430788	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000856		
Predicted MQL:	0.002853		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00020	.000	1
S1	1.0000	1.0000	.000	.000	.43098	.000	1

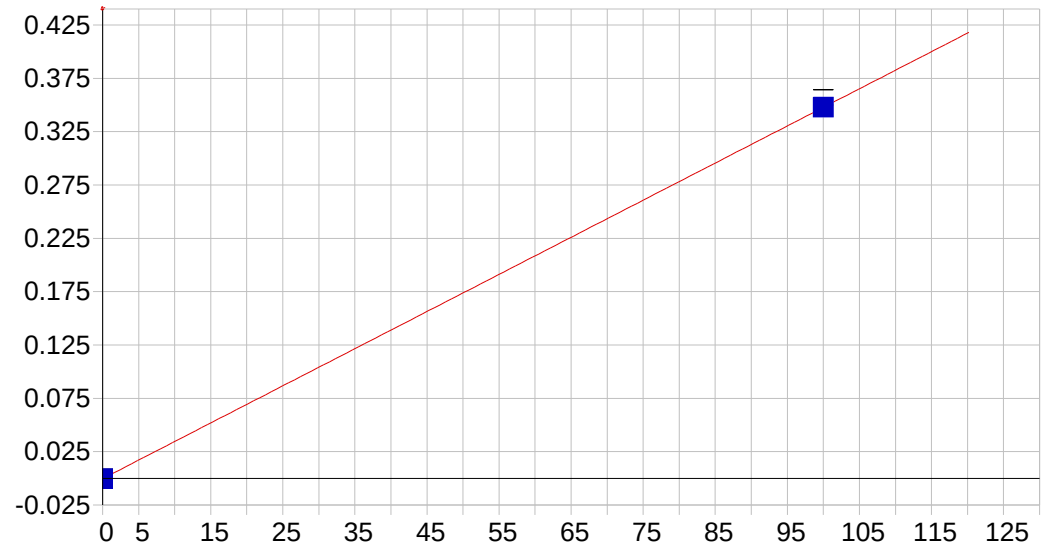


Cu 324.754 {104}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.012257	Re-Slope:	1.000000
A1 (Gain):	0.876527	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000581		
Predicted MQL:	0.001937		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.01226	.000	1
S1	1.0000	1.0000	.000	.000	.88878	.000	1

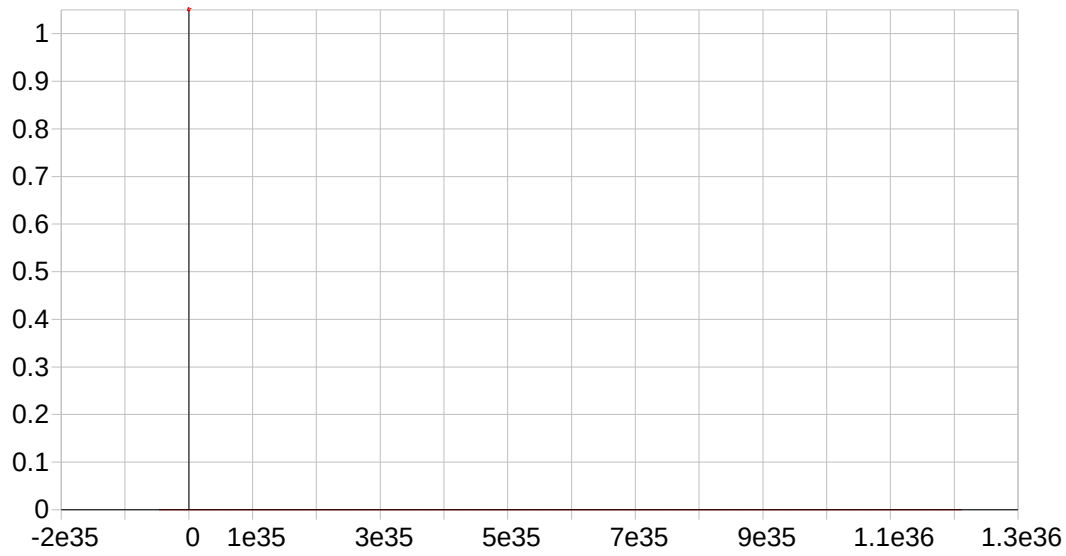


Fe 271.441 {124}

Date of Fit:	12/3/2021 15:42:38	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000275		Re-Slope:	1.000000	
A1 (Gain):	0.003481		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	1.000000		Status:	OK.	
Std Error of Est:	0.000000				
Predicted MDL:	0.178974				
Predicted MQL:	0.596581				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00027	.000	1
S2	100.00	100.000	.000	.000	.34782	.007	1

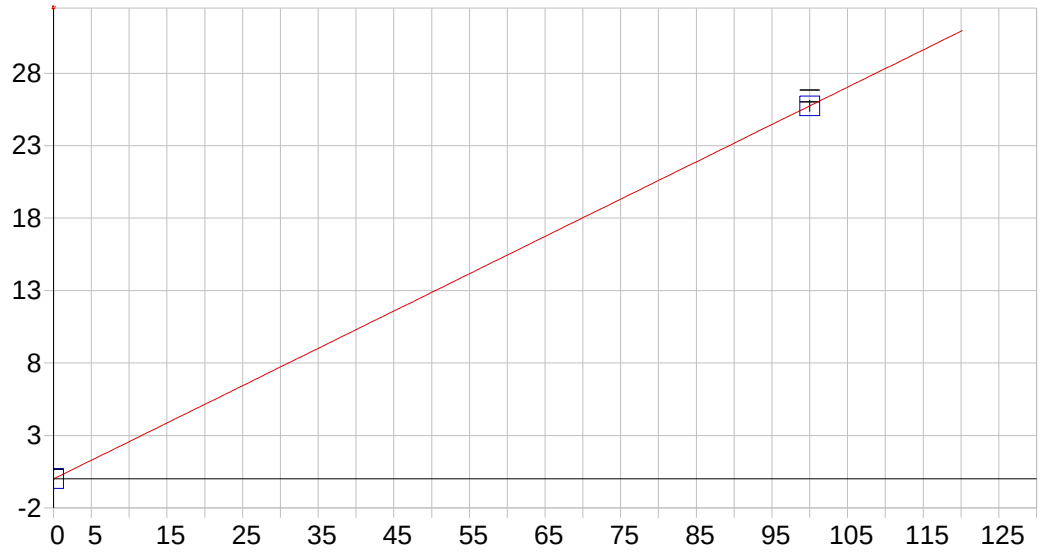


In 230.606 {446}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

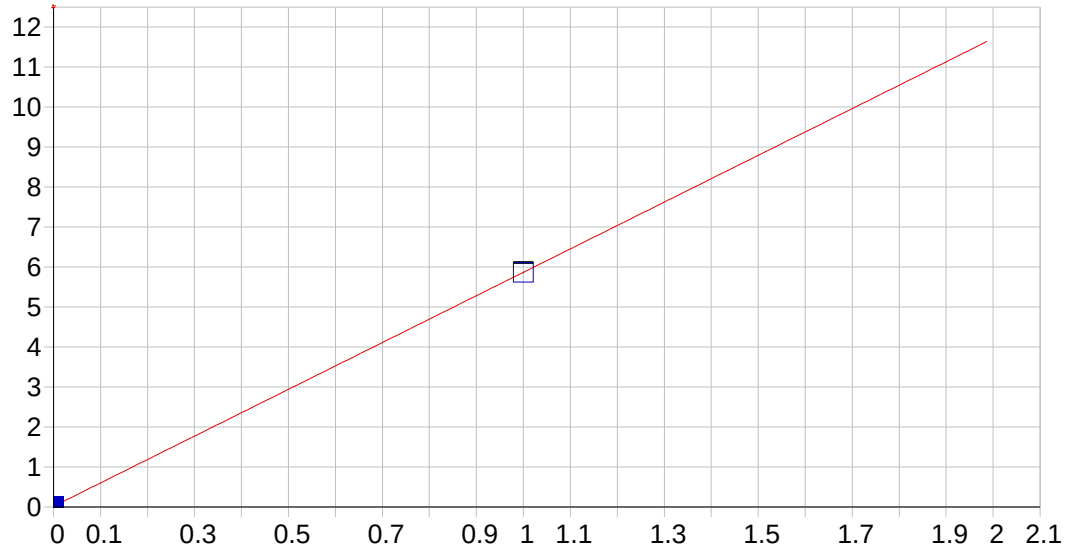


K 766.490 { 44}

Date of Fit:	12/3/2021 15:42:38	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000295	Re-Slope:	1.000000
A1 (Gain):	0.257513	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.024572		
Predicted MQL:	0.081906		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00030	.001	1
S2	100.00	100.00	.000	.000	25.751	.414	1

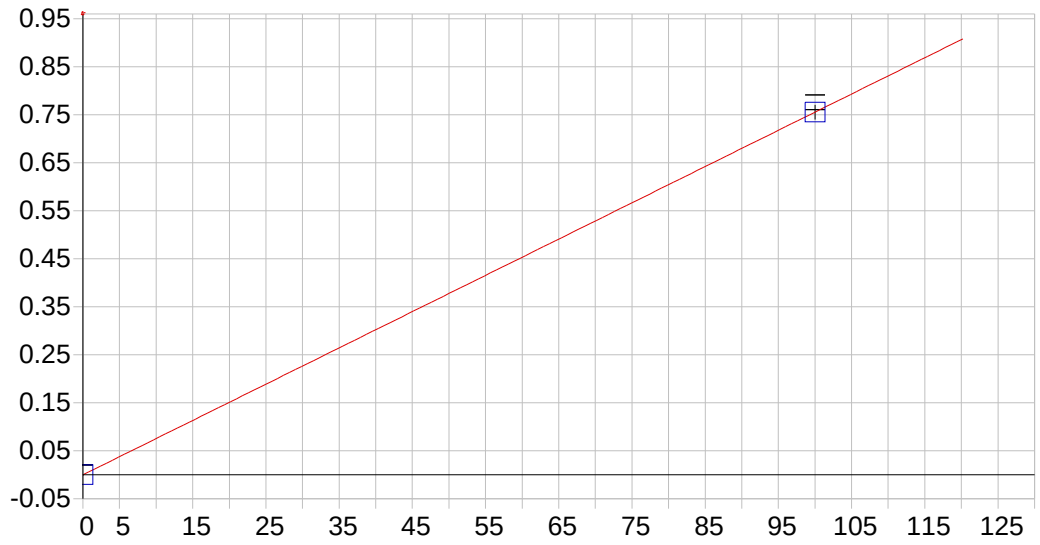


Li 670.784 { 50}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.016360	Re-Slope:	1.000000
A1 (Gain):	5.851649	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001105		
Predicted MQL:	0.003683		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.01636	.000	1
S1	1.0000	1.0000	.000	.000	5.8680	.018	1

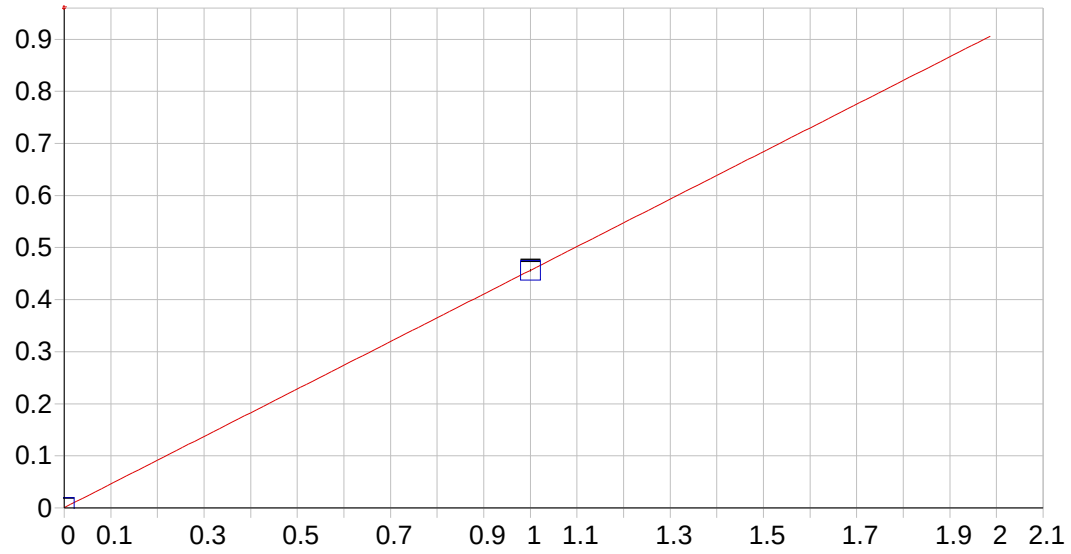


Mg 279.079 {121}

Date of Fit:	12/3/2021 15:42:38	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000169	Re-Slope:	1.000000
A1 (Gain):	0.007556	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.079307		
Predicted MQL:	0.264355		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00017	.000	1
S2	100.00	100.00	.000	.000	.75545	.015	1

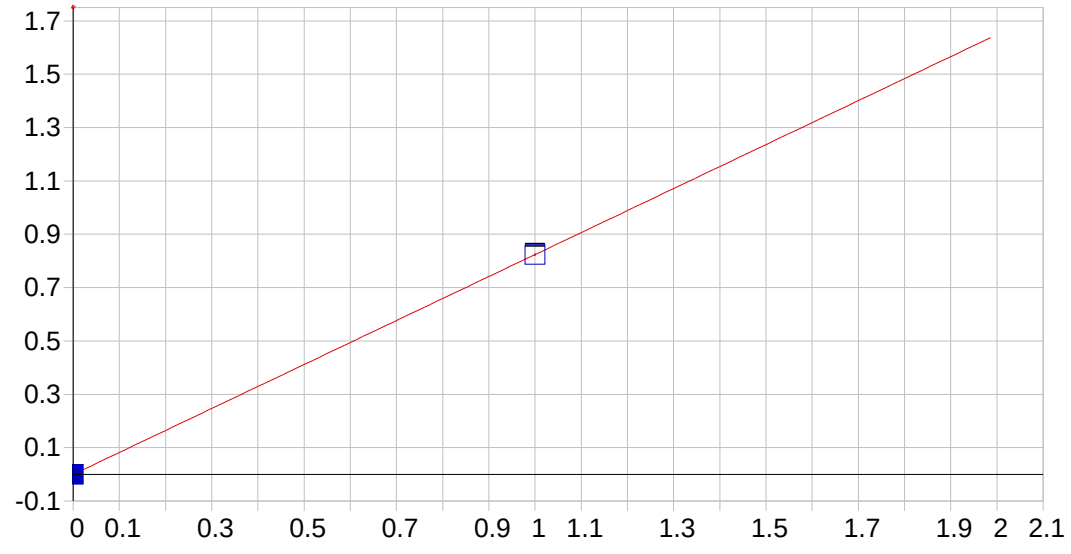


Mn 257.610 {131}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000508	Re-Slope:	1.000000
A1 (Gain):	0.455827	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001548		
Predicted MQL:	0.005161		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00051	.000	1
S1	1.0000	1.0000	.000	.000	.45634	.002	1

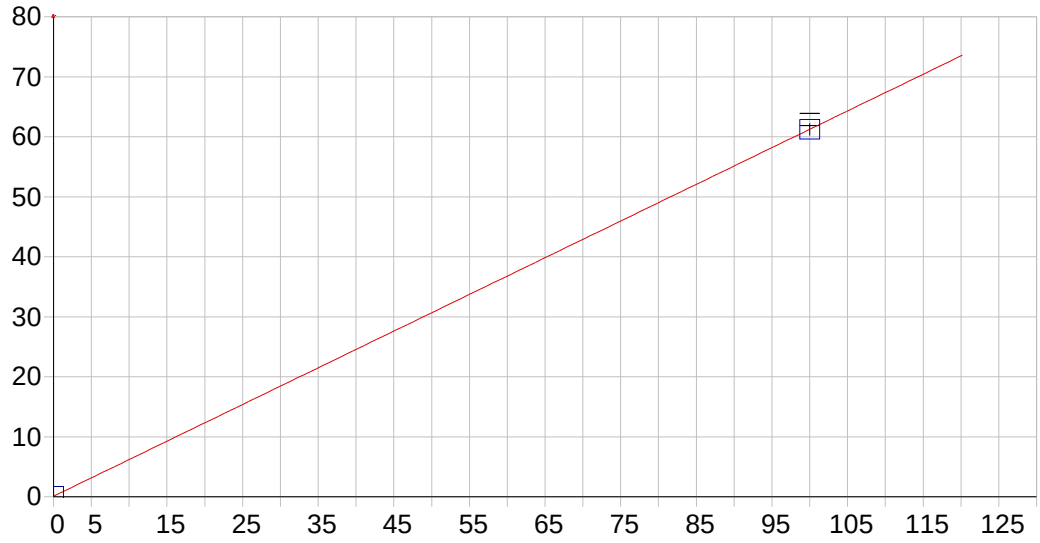


Mo 202.030 {467}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000487	Re-Slope:	1.000000
A1 (Gain):	0.824483	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000515		
Predicted MQL:	0.001716		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00049	.000	1
S1	1.0000	1.0000	.000	.000	.82400	.005	1

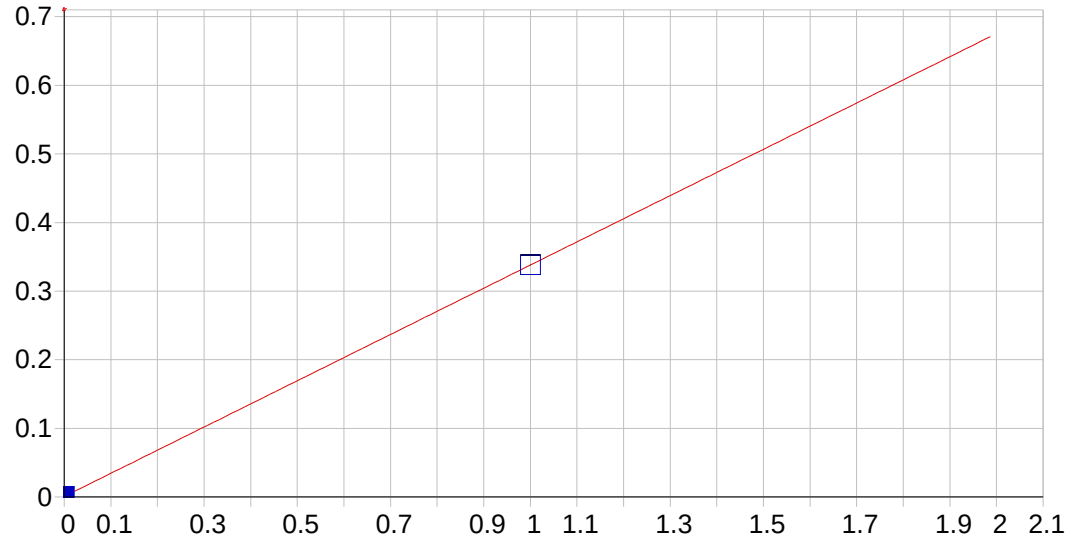


Na 589.592 { 57}

Date of Fit:	12/3/2021 15:42:38	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.090107	Re-Slope:	1.000000
A1 (Gain):	0.611546	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.008423		
Predicted MQL:	0.028078		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.09011	.002	1
S2	100.00	100.00	.000	.000	61.245	1.02	1

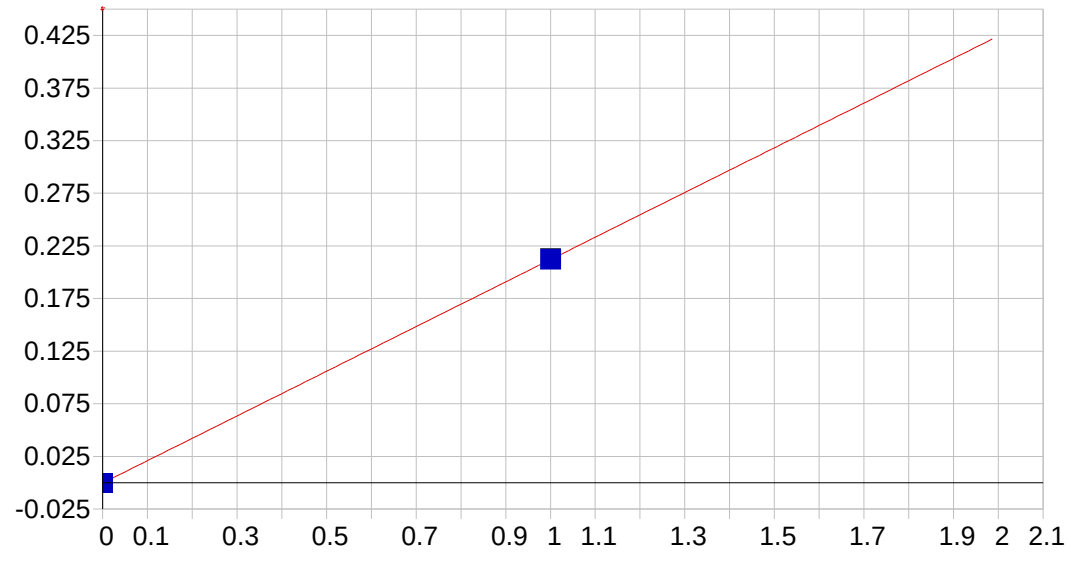


Ni 231.604 {446}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000637	Re-Slope:	1.000000
A1 (Gain):	0.337404	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000892		
Predicted MQL:	0.002973		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00064	.000	1
S1	1.0000	1.0000	.000	.000	.33804	.000	1

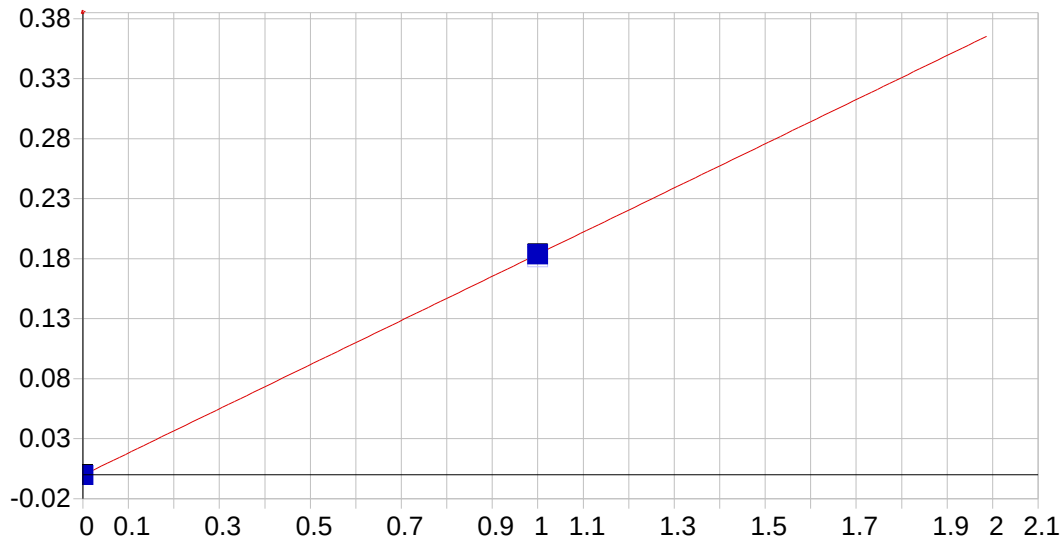


Pb 220.353 {453}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000331	Re-Slope:	1.000000
A1 (Gain):	0.212389	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001868		
Predicted MQL:	0.006226		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00033	.000	1
S1	1.0000	1.0000	.000	.000	.21241	.001	1

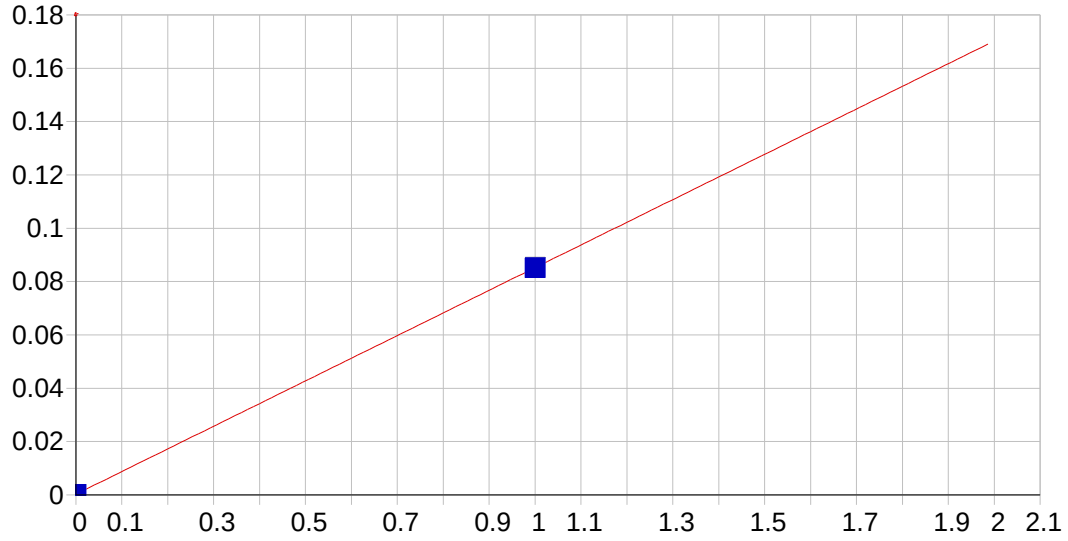


Sb 206.833 {463}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000268	Re-Slope:	1.000000
A1 (Gain):	0.183998	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.002366		
Predicted MQL:	0.007885		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00027	.000	1
S1	1.0000	1.0000	.000	.000	.18126	.000	1

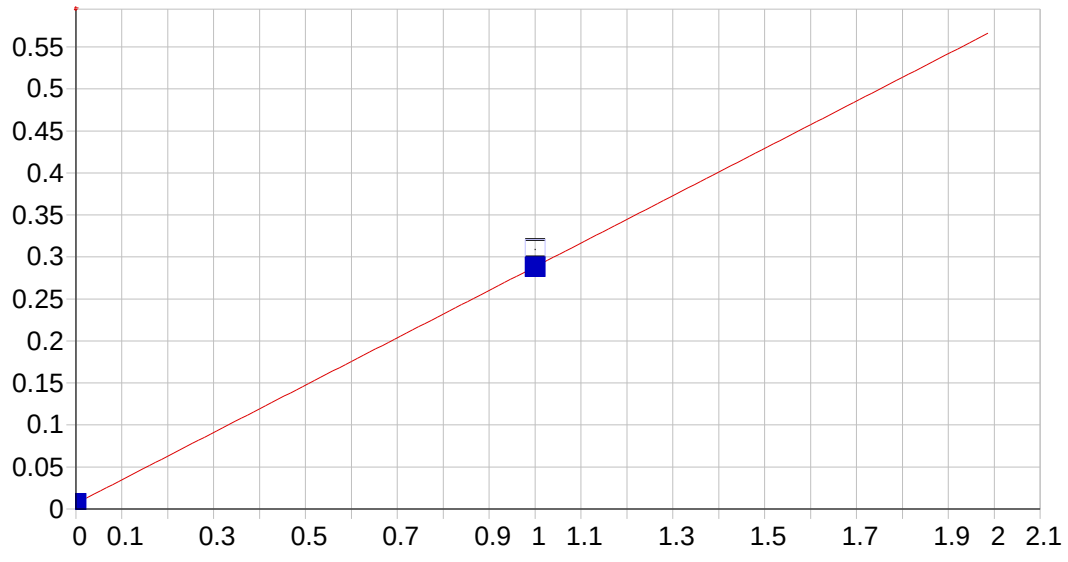


Se 196.090 {472}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000267	Re-Slope:	1.000000
A1 (Gain):	0.084969	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.004638		
Predicted MQL:	0.015459		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00027	.000	1
S1	1.0000	1.0000	.000	.000	.08524	.000	1

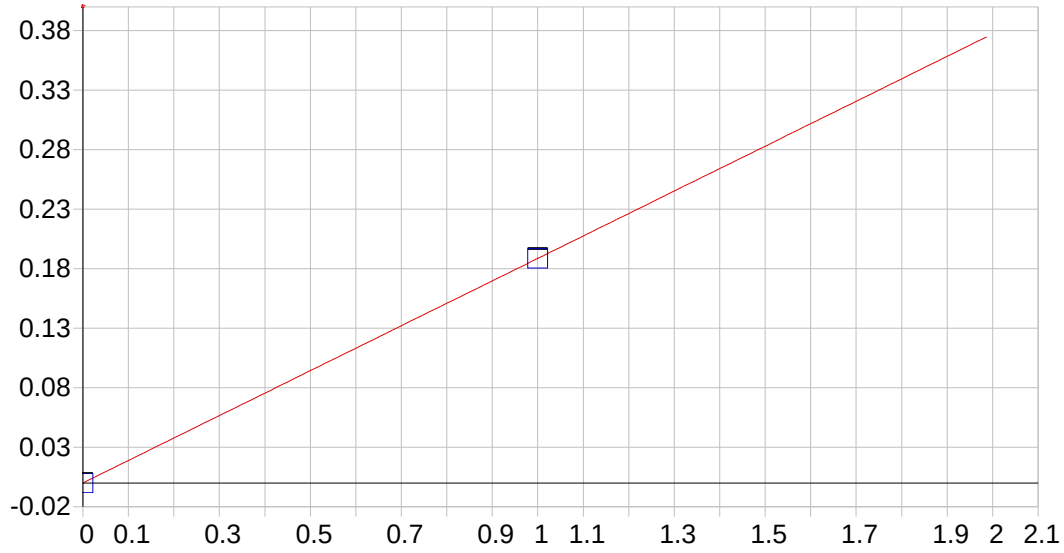


Si 212.412 {459}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.006588	Re-Slope:	1.000000
A1 (Gain):	0.281757	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001291		
Predicted MQL:	0.004303		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00659	.000	1
S1	1.0000	1.00000	.000	.000	.30893	.001	1

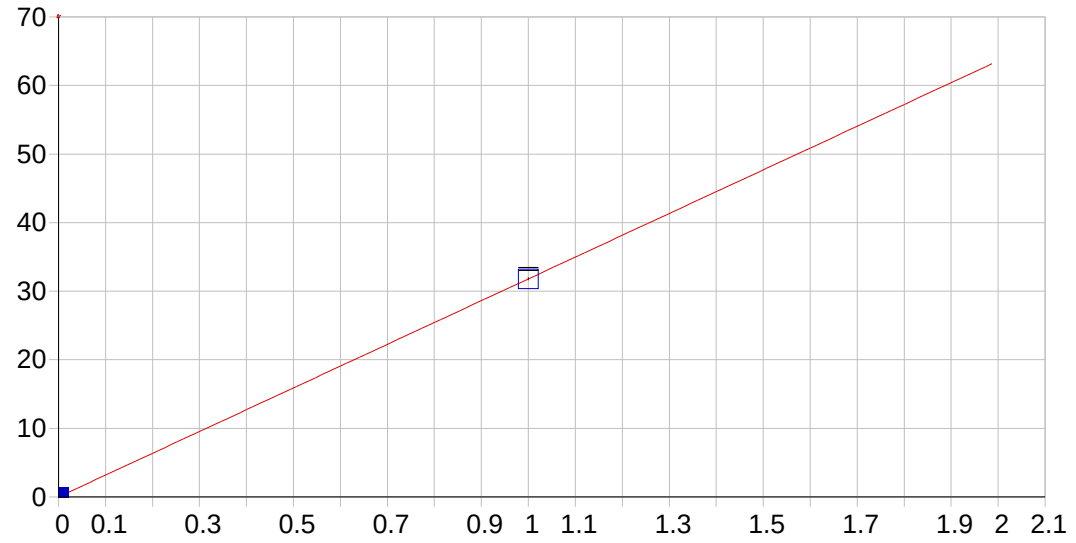


Sn 189.989 {477}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000021	Re-Slope:	1.000000
A1 (Gain):	0.188640	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001568		
Predicted MQL:	0.005228		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00002	.000	1
S1	1.0000	1.0000	.000	.000	.18866	.001	1

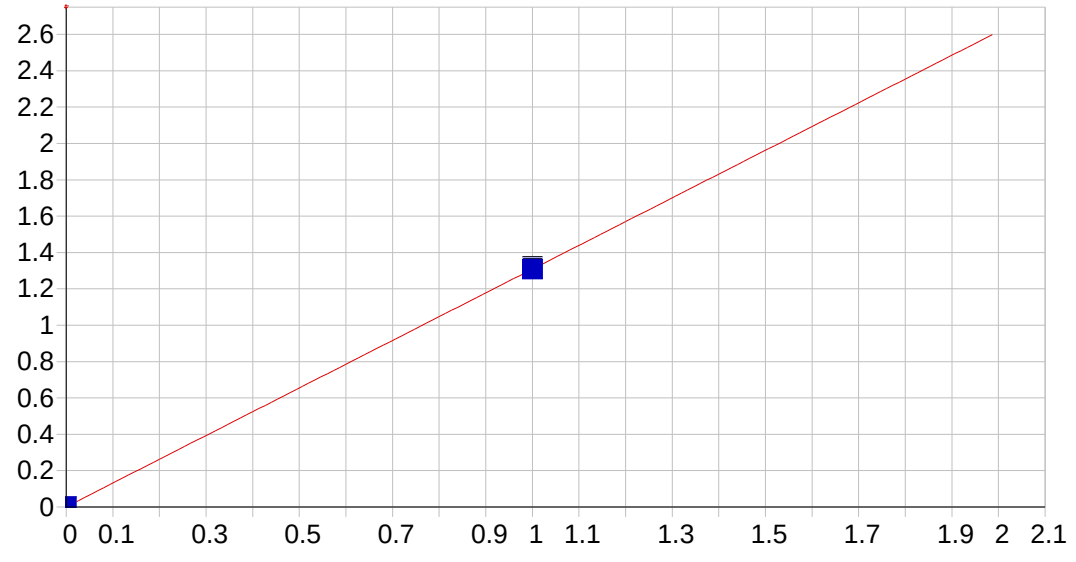


Sr 421.552 { 80}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000205	Re-Slope:	1.000000
A1 (Gain):	31.795062	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000021		
Predicted MQL:	0.000069		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00021	.000	1
S1	1.0000	1.0000	.000	.000	31.795	.209	1

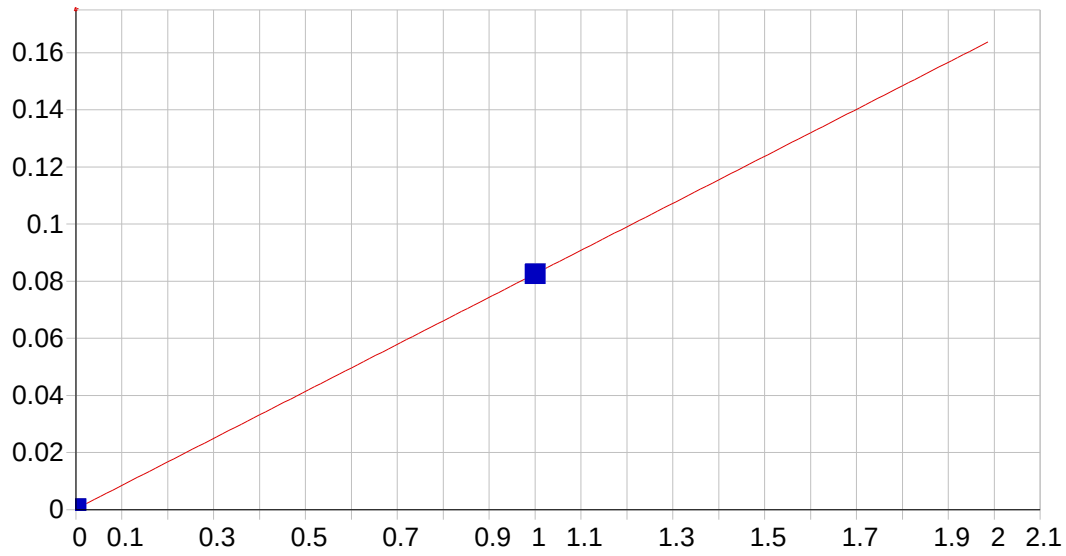


Ti 334.941 {101}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001033	Re-Slope:	1.000000
A1 (Gain):	1.307495	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000266		
Predicted MQL:	0.000887		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00103	.000	1
S1	1.0000	1.0000	.000	.000	1.3193	.002	1

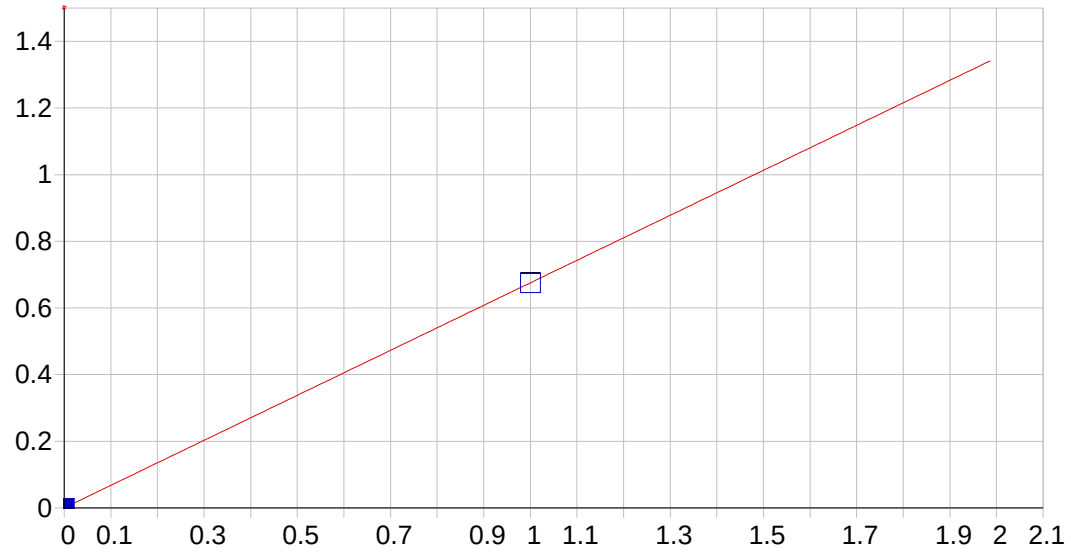


Tl 190.856 {477}

Date of Fit:	12/3/2021 15:39:19	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000304	Re-Slope:	1.000000
A1 (Gain):	0.082288	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001939		
Predicted MQL:	0.006463		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00030	.000	1
S1	1.0000	1.00000	.000	.000	.08267	.000	1

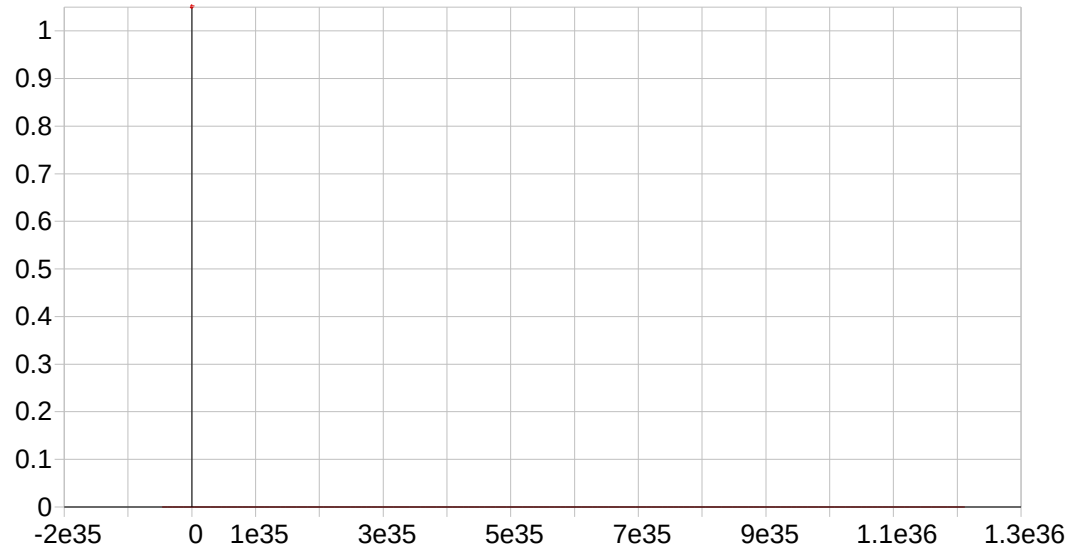


V 292.402 {115}

Date of Fit:	12/3/2021 15:39:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000257	Re-Slope:	1.000000
A1 (Gain):	0.675208	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000703		
Predicted MQL:	0.002342		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00026	.000	1
S1	1.0000	1.0000	.000	.000	.67546	.001	1

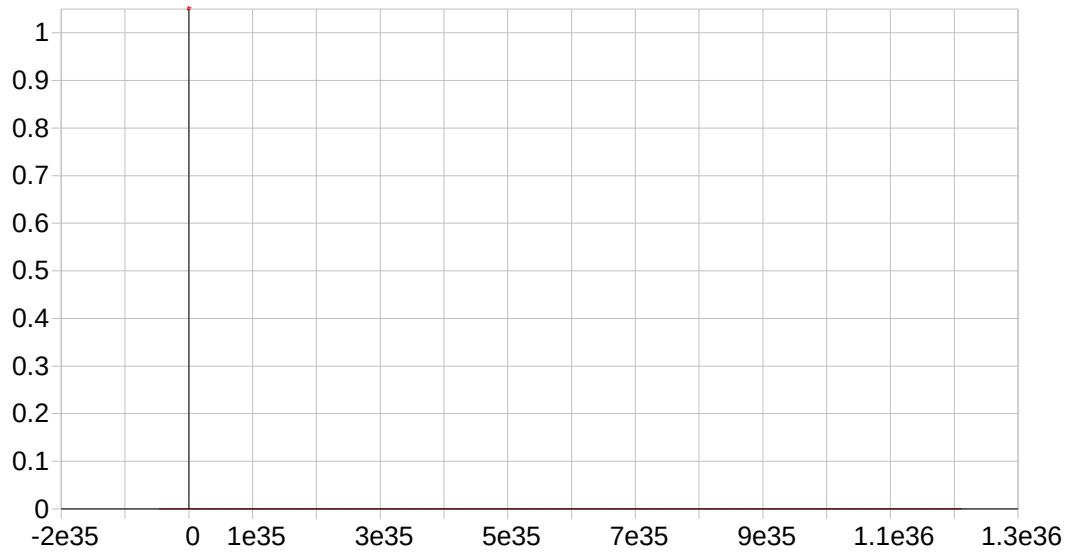


Y 224.306 {450}*

Date of Fit:	3/16/2020 7:40:25	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

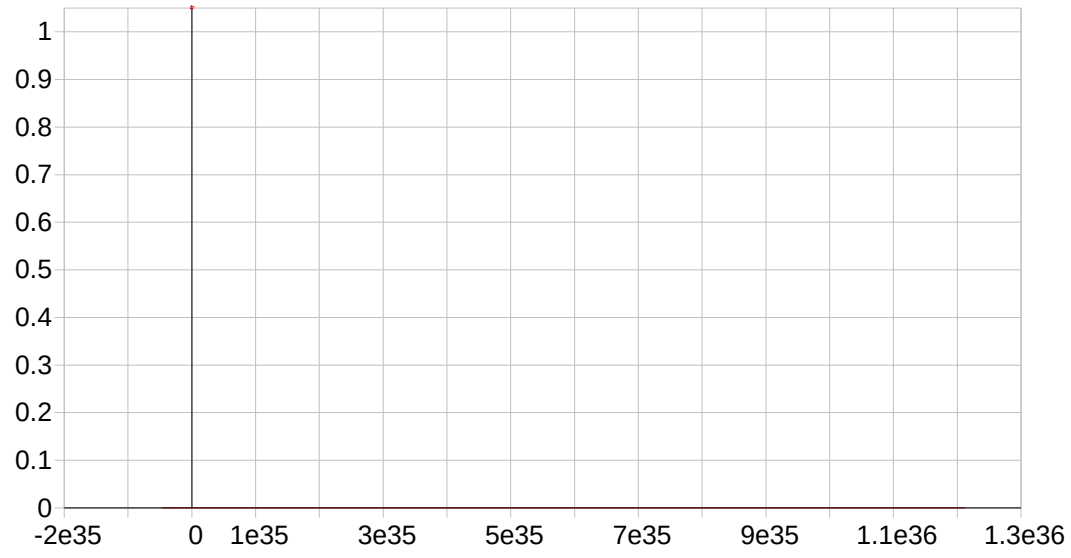


Y 360.073 { 94}*

Date of Fit:	3/16/2020 7:40:25	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

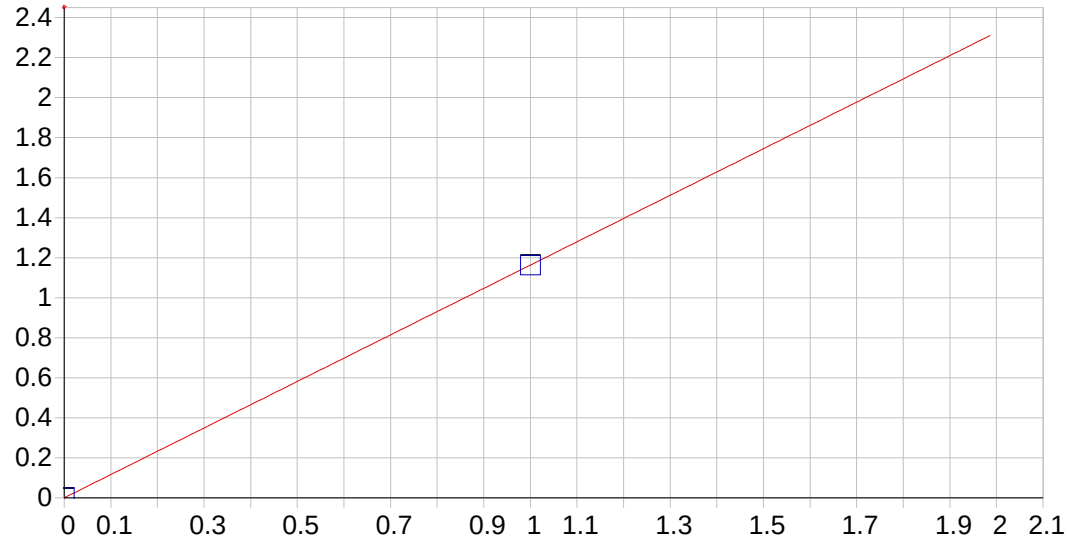


Y 371.030 { 91}*

Date of Fit:	3/16/2020 7:40:25	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Zn 206.200 {463}

Date of Fit:	12/3/2021 15:39:20	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000135	Re-Slope:	1.000000
A1 (Gain):	1.163063	Y-int:	0.000000

A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		1.000000		Status:	OK.		
Std Error of Est:		0.000000					
Predicted MDL:		0.000261					
Predicted MQL:		0.000871					
Std. Name	**Stated Conc.**	**Found Conc.**	**Difference**	**% Diff.**	**(S)IR**	**Std Dev**	**Emphasis**
Blank	.00000	.00000	.000	.000	.00013	.000	1
S1	1.0000	1.0000	.000	.000	1.1632	.000	1

Sample Name: Blank Acquired: 12/3/2021 15:33:04 Type: Cal
Method: P8120321B Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230	Ca3179
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00076**	**.00027**	**-.00057**	**.00776**	**.01212**	**-.00006**	**-.00062**	**.00394**
Stddev	.00015	.00031	.00043	.00035	.00148	.00089	.00010	.00028
%RSD	20.293	112.34	75.874	4.4699	12.222	1380.4	16.649	7.0001
#1	-.00087	.00049	-.00027	.00751	.01107	.00056	-.00069	.00414
#2	-.00065	.00006	-.00088	.00800	.01317	-.00069	-.00054	.00375

Elem	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714	K_7664	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0001**	**-1.453**	**.00082**	**.00020**	**.01226**	**-.00027**	**-.00030**	**.0164**
Stddev	.0006	.555	.00068	.00001	.00037	.00015	.00135	.0002
%RSD	469.4	38.19	83.507	5.3462	2.9811	54.554	458.30	1.477
#1	.0003	-1.061	.00034	.00019	.01200	-.00017	-.00125	.0162
#2	-.0006	-1.846	.00130	.00020	.01252	-.00038	.00066	.0165

Elem	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00017**	**.00051**	**-.00049**	**.09011**	**.00064**	**-.00033**	**-.00027**	**.00027**
Stddev	.00007	.00036	.00003	.00234	.00001	.00001	.00036	.00008
%RSD	43.384	70.853	6.6647	2.5930	1.9179	3.5442	132.38	29.007
#1	-.00012	.00025	-.00046	.08845	.00065	-.00034	-.00052	.00032
#2	-.00022	.00076	-.00051	.09176	.00063	-.00032	-.00002	.00021

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00659**	**.00002**	**.00021**	**.00103**	**.00030**	**.00026**	**.00013**
Stddev	.00047	.00017	.00011	.00000	.00015	.00019	.00012
%RSD	7.0599	800.60	55.905	.08900	48.103	75.817	85.502
#1	.00626	.00014	.00029	.00103	.00041	.00012	.00022
#2	.00692	-.00010	.00012	.00103	.00020	.00039	.00005

Sample Name: Blank Acquired: 12/3/2021 15:33:04 Type: Cal
Method: P8120321B Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2650.8	1589.9	8392.6	1478.0
Stddev	3.0	4.8	7.2	2.8
%RSD	.11329	.29997	.08605	.18935
#1	2652.9	1593.2	8387.5	1480.0
#2	2648.6	1586.5	8397.7	1476.1

Sample Name: S1 Acquired: 12/3/2021 15:36:17 Type: Cal
Method: P8120321B Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	As1890	B_2089	Ba4554	Be2348	Bi2230	Cd2288	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.49181	.14366	.79294	9.3648	.59510	.15942	2.686	1.0007
Stddev	.00109	.00066	.00473	.0113	.00495	.00027	.012	.0010
%RSD	.22121	.46108	.59703	.12099	.83256	.17028	.4468	.09919
#1	.49258	.14319	.78960	9.3568	.59160	.15923	2.677	.99996
#2	.49104	.14413	.79629	9.3728	.59861	.15961	2.694	1.0014

Elem	Cr2677	Cu3247	Li6707	Mn2576	Mo2020	Ni2316	Pb2203	Sb2068
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.43098	.88878	5.868	.45634	.82400	.33804	.21241	.18126
Stddev	.00021	.00014	.018	.00208	.00473	.00049	.00055	.00026
%RSD	.04927	.01600	.3021	.45623	.57364	.14583	.26016	.14471
#1	.43083	.88868	5.881	.45486	.82065	.33769	.21202	.18107
#2	.43113	.88888	5.855	.45781	.82734	.33839	.21280	.18144

Elem	Se1960	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.08524	.30893	.18866	31.795	1.3193	.08267	.67546	1.1632
Stddev	.00009	.00076	.00056	.209	.0022	.00003	.00064	.0004
%RSD	.10763	.24724	.29828	.65652	.16276	.03257	.09517	.03776
#1	.08531	.30839	.18826	31.648	1.3177	.08269	.67501	1.1635
#2	.08518	.30947	.18906	31.943	1.3208	.08265	.67592	1.1629

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2582.2	1580.5	8380.7	1484.7
Stddev	5.7	7.9	25.2	.9
%RSD	.22238	.50106	.30127	.06336
#1	2586.3	1586.1	8398.5	1485.3
#2	2578.1	1574.9	8362.8	1484.0

Sample Name: S2 Acquired: 12/3/2021 15:39:23 Type: Cal
Method: P8120321B Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3082	Ca3179	Fe2714	K_7664	Mg2790	Na5895
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2.2355**	**9.8028**	**.34782**	**25.751**	**.75545**	**61.245**
Stddev	.0521	.2036	.00718	.414	.01533	1.015
%RSD	2.3308	2.0770	2.0632	1.6067	2.0295	1.6576
#1	2.1987	9.6588	.34275	25.458	.74460	60.527
#2	2.2723	9.9468	.35290	26.044	.76629	61.963

Int. Std.	Y_3710
Units	Cts/S
Avg	**1424.4**
Stddev	22.3
%RSD	1.5621
#1	1440.1
#2	1408.7

Sample Name: CE Acquired: 12/3/2021 15:42:42 Type: Cal
Method: P8120321B Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ce4040
Units	Cts/S
Avg	732.8
Stddev	4.5
%RSD	.6161
#1	729.6
#2	736.0

Sample Name: S1 Acquired: 12/3/2021 15:46:15 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment: P8120321B

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.007048**	**-.022570**	**.9997859**	**1.000980**	**1.009036**	**1.006239**	**1.007096**
Stddev	.000903	.017370	.0063527	.002836	.002194	.003025	.005240
%RSD	.0897135	76.96258	.6354064	.2833214	.2173985	.3006605	.5202647
#1	1.007687	-.010287	.9952939	.998975	1.007485	1.004099	1.010801
#2	1.006410	-.034852	1.004278	1.002986	1.010587	1.008378	1.003391
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0152569**	**1.000012**	**-.000445**	**1.007561**	**1.011268**	**1.007025**	**.2795862**
Stddev	.0045245	.002338	.018492	.000994	.003920	.000513	.1107607
%RSD	29.65518	.2337904	4156.064	.0986365	.3876806	.0509031	39.61593
#1	.0184561	.998359	.012631	1.006858	1.008496	1.007388	.3579058
#2	.0120576	1.001665	-.013521	1.008264	1.014040	1.006663	.2012666
Check ?	None	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	None
Value							
Range							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0638585**	**1.007601**	**-.030211**	**1.012011**	**1.003612**	**-.059233**	**1.010383**
Stddev	.0161426	.001455	.030361	.001330	.002180	.013515	.000622
%RSD	25.27876	.1443908	100.4971	.1313969	.2172593	22.81638	.0615384
#1	.0524440	1.006573	-.051679	1.011071	1.002071	-.049676	1.009944
#2	.0752731	1.008630	-.008742	1.012951	1.005154	-.068789	1.010823
Check ?	None	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass
Value							
Range							

Sample Name: S1 Acquired: 12/3/2021 15:46:15 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment: P8120321B

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.006945	1.004021	1.007842	.9907808	1.012067	1.015461	1.006820
Stddev	.001595	.002450	.001945	.0058344	.005133	.004402	.003097
%RSD	.1583909	.2439726	.1929853	.5888675	.5072136	.4334921	.3075557
#1	1.005817	1.005753	1.009217	.9866553	1.008438	1.012348	1.004631
#2	1.008072	1.002289	1.006467	.9949063	1.015697	1.018574	1.009010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	1.006371	1.010067	1.014033
Stddev	.002981	.004176	.002445
%RSD	.2961988	.4134284	.2411170
#1	1.004264	1.007114	1.012304
#2	1.008479	1.013020	1.015762
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2580.985	1588.945	8380.847	1440.707
Stddev	2.941	4.064	17.781	3.018
%RSD	.1139419	.2557382	.2121586	.2094971
#1	2583.065	1591.818	8393.420	1438.572
#2	2578.906	1586.072	8368.275	1442.841

Sample Name: S2 Acquired: 12/3/2021 15:49:22 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012177	99.29852	.0001292	.0013800	.0019434	-.000597	.0098173
Stddev	.0003682	.61936	.0037385	.0006928	.0002633	.001925	.0037026
%RSD	30.23487	.6237393	2893.209	50.20375	13.54642	322.2699	37.71508
#1	.0014780	98.86056	.0027728	.0018699	.0021296	.000764	.0071992
#2	.0009574	99.73647	-.002514	.0008901	.0017573	-.001958	.0124354
Check ?	None	Chk Pass	None	None	None	None	None
Value							
Range							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	99.44606	-.000688	.0241936	.0000328	.0010256	.0030004	99.61532
Stddev	.25094	.000263	.0035530	.0000253	.0007861	.0005338	.06672
%RSD	.2523336	38.16347	14.68551	77.10564	76.64986	17.79178	.0669807
#1	99.26862	-.000874	.0216813	.0000149	.0015815	.0026229	99.66250
#2	99.62350	-.000503	.0267059	.0000507	.0004697	.0033778	99.56814
Check ?	Chk Pass	None	None	None	None	None	Chk Pass
Value							
Range							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	100.4961	.0001798	99.30748	.0015531	.0006268	100.2138	.0009920
Stddev	.1066	.0001492	.15462	.0008990	.0002444	.2802	.0011337
%RSD	.1060875	83.00698	.1556954	57.88801	38.99333	.2796044	114.2788
#1	100.5715	.0002853	99.41681	.0021888	.0004540	100.0156	.0001904
#2	100.4208	.0000743	99.19815	.0009174	.0007996	100.4119	.0017936
Check ?	Chk Pass	None	Chk Pass	None	None	Chk Pass	None
Value							
Range							

Sample Name: S2 Acquired: 12/3/2021 15:49:22 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001784	.0016420	.0001231	-.000826	.0024269	.0005931	.0043495
Stddev	.000927	.0011886	.0033189	.001551	.0016644	.0000393	.0001826
%RSD	51.96201	72.39008	2696.268	187.7891	68.57999	6.622855	4.198909
#1	-.001129	.0008015	.0024699	-.001923	.0036038	.0006208	.0042204
#2	-.002440	.0024824	-.002224	.000271	.0012500	.0005653	.0044786
Check ?	None	None	None	None	None	None	None
Value							
Range							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0026371	.0007688	.0016656
Stddev	.0014393	.0001462	.0004911
%RSD	54.58015	19.01952	29.48349
#1	.0036548	.0008722	.0013184
#2	.0016193	.0006654	.0020129
Check ?	None	None	None
Value			
Range			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2087.761	1497.259	7678.544	1412.817
Stddev	3.185	2.344	13.058	6.255
%RSD	.1525614	.1565424	.1700629	.4427286
#1	2090.013	1498.917	7687.777	1408.394
#2	2085.508	1495.602	7669.310	1417.239

Sample Name: ICV Acquired: 12/3/2021 15:52:35 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3764409	39.19659	.3959782	.3936719	.3999177	.3995219	.3987849
Stddev	.0005899	.35052	.0053038	.0002098	.0036118	.0033410	.0010203
%RSD	.1566943	.8942711	1.339405	.0532930	.9031286	.8362574	.2558482
#1	.3760238	38.94873	.3997286	.3938202	.3973638	.3971595	.3995064
#2	.3768580	39.44445	.3922279	.3935235	.4024716	.4018844	.3980634
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.83780	.3852483	.0087407	.4098840	.3939042	.3848934	21.06596
Stddev	.13178	.0004814	.0086511	.0005013	.0014012	.0012882	.19952
%RSD	.6324127	.1249673	98.97491	.1222986	.3557138	.3346860	.9471042
#1	20.74462	.3849079	.0026234	.4095296	.3948950	.3858043	20.92488
#2	20.93098	.3855887	.0148579	.4102385	.3929134	.3839825	21.20704
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.24211	3.275806	20.26720	3.909446	.3873417	19.87620	.4121141
Stddev	.14458	.028494	.17608	.041351	.0003968	.12669	.0017553
%RSD	.3592868	.8698245	.8687729	1.057733	.1024525	.6373707	.4259362
#1	40.13987	3.255658	20.14270	3.880206	.3876224	19.78662	.4108729
#2	40.34435	3.295954	20.39171	3.938686	.3870611	19.96578	.4133554
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Sample Name: ICV Acquired: 12/3/2021 15:52:35 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4066310**	**.4070738**	**.3878508**	**.4392044**	**.4162495**	**.3919227**	**.4009232**
Stddev	.0008742	.0017742	.0030085	.0032010	.0008462	.0002319	.0007111
%RSD	.2149872	.4358380	.7756861	.7288084	.2032810	.0591780	.1773698
#1	.4060128	.4058193	.3857235	.4414678	.4156512	.3917587	.4014260
#2	.4072491	.4083283	.3899781	.4369410	.4168479	.3920867	.4004204
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**.3979494**	**3.971386**	**.4356742**
Stddev	.0006427	.003596	.0013889
%RSD	.1614920	.0905507	.3187971
#1	.3984038	3.968843	.4346921
#2	.3974950	3.973929	.4366563
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2318.043**	**1574.860**	**8127.131**	**1415.341**
Stddev	1.028	2.560	11.693	1.081
%RSD	.0443641	.1625691	.1438701	.0763669
#1	2318.770	1573.049	8135.399	1416.105
#2	2317.315	1576.670	8118.863	1414.576

Sample Name: ICB Acquired: 12/3/2021 15:55:39 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000883	-.013631	.0011644	.0006936	.0001919	-.001120	.0014074
Stddev	.0002038	.008280	.0003245	.0000392	.0002001	.000834	.0009958
%RSD	230.7124	60.74196	27.86416	5.653010	104.2534	74.50448	70.75293
#1	.0002325	-.019485	.0013939	.0006659	.0003334	-.000530	.0007033
#2	-.000056	-.007776	.0009350	.0007213	.0000504	-.001710	.0021115
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001021	-.000087	-.013217	.0000705	.0002331	.0002585	.1244334
Stddev	.007816	.000087	.008887	.0002242	.0009649	.0003153	.0484473
%RSD	765.3600	99.36730	67.23870	317.9289	413.9844	122.0017	38.93436
#1	.004505	-.000149	-.006933	-.000088	-.000449	.0004815	.0901759
#2	-.006548	-.000026	-.019501	.000229	.000915	.0000355	.1586908
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1081088	.0008000	.0246889	.0010796	.0002248	-.070696	.0002127
Stddev	.0002699	.0001434	.0723876	.0003423	.0000672	.000780	.0005708
%RSD	.2496986	17.91914	293.1989	31.70453	29.87421	1.103280	268.3381
#1	.1082997	.0006987	-.026497	.0008376	.0002723	-.071248	.0006163
#2	.1079179	.0009014	.075875	.0013216	.0001773	-.070145	-.000191
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: ICB Acquired: 12/3/2021 15:55:39 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000260**	**.0015310**	**-.003455**	**-.003527**	**-.000450**	**.0000352**	**-.000137**
Stddev	.000907	.0007359	.000946	.001164	.000241	.0000065	.000139
%RSD	349.0894	48.06999	27.38519	33.00250	53.56004	18.56887	101.3276
#1	-.000901	.0010106	-.004125	-.002704	-.000279	.0000306	-.000039
#2	.000381	.0020514	-.002786	-.004351	-.000620	.0000398	-.000235
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**-.000695**	**.0007312**	**.0002485**
Stddev	.000832	.0004462	.0000128
%RSD	119.6517	61.02305	5.166109
#1	-.001283	.0004157	.0002395
#2	-.000107	.0010468	.0002576
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2687.896**	**1624.198**	**8468.730**	**1427.306**
Stddev	11.305	5.204	.646	1.745
%RSD	.4205901	.3204058	.0076335	.1222899
#1	2695.890	1627.878	8469.187	1428.540
#2	2679.902	1620.518	8468.273	1426.072

Sample Name: ICVL Acquired: 12/3/2021 15:58:53 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051048	.1816895	.0106947	.0517505	.0105516	.0044034
Stddev	.0003235	.0315325	.0001810	.0003175	.0001433	.0002404
%RSD	6.336767	17.35517	1.692809	.6134966	1.358460	5.460591
#1	.0053335	.1593927	.0105666	.0519750	.0104502	.0045734
#2	.0048760	.2039864	.0108227	.0515260	.0106530	.0042334
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0503002	.2160999	.0020060	.0077734	.0051727	.0102014
Stddev	.0007605	.0046397	.0000483	.0103362	.0001364	.0005026
%RSD	1.511842	2.147006	2.408508	132.9696	2.636811	4.926365
#1	.0508379	.2193806	.0020401	.0004646	.0050763	.0105568
#2	.0497625	.2128191	.0019718	.0150822	.0052692	.0098460
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110397	F .3815935	.5528272	.0097387	F .1336581	.0080820
Stddev	.0002473	.0039381	.0173013	.0014721	.0157789	.0007622
%RSD	2.239609	1.032016	3.129600	15.11596	11.80542	9.430991
#1	.0108649	.3843782	.5650610	.0086978	.1225008	.0075430
#2	.0112145	.3788089	.5405933	.0107796	.1448155	.0086210
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value		.2000000			.1000000	
Range		30.00000%			30.00000%	

Sample Name: ICVL Acquired: 12/3/2021 15:58:53 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096858	.9065531	.0101111	.0043103	.0210548	.0095834
Stddev	.0000064	.0021119	.0001863	.0007559	.0002722	.0026350
%RSD	.0661227	.2329633	1.842536	17.53658	1.293037	27.49569
#1	.0096903	.9050597	.0099794	.0037758	.0212473	.0114467
#2	.0096813	.9080464	.0102429	.0048448	.0208623	.0077202
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1994764	.0419175	.0052402	.0046704	.0084034	.0053062
Stddev	.0018903	.0017295	.0000078	.0001667	.0009345	.0002288
%RSD	.9476055	4.125963	.1482744	3.568899	11.12026	4.311484
#1	.1981398	.0431405	.0052347	.0045526	.0090642	.0051444
#2	.2008130	.0406946	.0052457	.0047883	.0077426	.0054680
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.0222934
Stddev	.0000419
%RSD	.1877754
#1	.0222638
#2	.0223230
Check ?	Chk Pass
Value	
Range	

Sample Name: ICVL Acquired: 12/3/2021 15:58:53 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2663.356	1623.559	8452.211	1441.158
Stddev	1.646	.589	1.442	.022
%RSD	.0618062	.0362891	.0170650	.0015331
#1	2664.521	1623.976	8451.191	1441.143
#2	2662.193	1623.142	8453.230	1441.174

Sample Name: CRI Acquired: 12/3/2021 16:02:18 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0096747**	**.4309858**	**.0195309**	**.1002827**	**.0202602**	**.0086368**	**.1027144**
Stddev	.0000858	.0126075	.0003649	.0003387	.0003465	.0014726	.0004536
%RSD	.8867345	2.925265	1.868057	.3377352	1.710472	17.05058	.4416151
#1	.0096140	.4220709	.0197889	.1000432	.0200151	.0075955	.1023937
#2	.0097354	.4399006	.0192729	.1005222	.0205052	.0096781	.1030352
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4184795**	**.0040858**	**.0127027**	**.0094624**	**.0204274**	**.0206936**	**.5142426**
Stddev	.0013636	.0000077	.0027032	.0001706	.0001476	.0000759	.1097078
%RSD	.3258563	.1892664	21.28032	1.802809	.7224920	.3666572	21.33385
#1	.4194438	.0040913	.0146141	.0093418	.0205318	.0206400	.5918177
#2	.4175153	.0040803	.0107912	.0095830	.0203230	.0207473	.4366675
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.032231**	**.0171084**	**.2013178**	**.0196125**	**.0196567**	**1.865864**	**.0200315**
Stddev	.005881	.0004157	.0969536	.0004812	.0005820	.012765	.0000134
%RSD	.5697414	2.429960	48.15948	2.453323	2.961065	.6841393	.0668709
#1	1.036389	.0168145	.2698743	.0192723	.0192451	1.856838	.0200221
#2	1.028072	.0174024	.1327612	.0199528	.0200683	1.874890	.0200410
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Sample Name: CRI Acquired: 12/3/2021 16:02:18 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110395	.0423851	.0158245	.3752516	.0804582	.0103824	.0098912
Stddev	.0006795	.0018164	.0027114	.0004207	.0003188	.0000009	.0000623
%RSD	6.155513	4.285459	17.13447	.1121149	.3962626	.0088428	.6301258
#1	.0105590	.0411007	.0177417	.3755491	.0802327	.0103818	.0099353
#2	.0115200	.0436694	.0139072	.3749541	.0806836	.0103831	.0098472
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0196165	.0107255	.0414293
Stddev	.0010854	.0003513	.0005533
%RSD	5.533026	3.275101	1.335398
#1	.0188491	.0104771	.0410381
#2	.0203840	.0109739	.0418205
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2652.098	1622.115	8480.368	1444.247
Stddev	4.856	2.052	25.161	5.465
%RSD	.1831091	.1265306	.2966994	.3783747
#1	2655.532	1623.566	8462.576	1448.111
#2	2648.664	1620.664	8498.159	1440.383

Sample Name: ICSA Acquired: 12/3/2021 16:05:33 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001335	497.0858	-.004488	-.004084	.0075507	.0017783	.0155439
Stddev	.0005576	7.8936	.001023	.000535	.0003071	.0006538	.0005752
%RSD	417.7467	1.587980	22.78680	13.11165	4.067328	36.76815	3.700269
#1	-.000261	491.5041	-.005211	-.003705	.0073335	.0013160	.0151372
#2	.000528	502.6674	-.003765	-.004462	.0077679	.0022406	.0159506
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	478.7659	-.001148	.0813907	.0006530	.0015160	.0040987	190.4912
Stddev	4.7386	.000241	.0058892	.0000482	.0001168	.0000116	1.9100
%RSD	.9897439	21.03256	7.235760	7.380142	7.701835	.2824647	1.002692
#1	475.4153	-.001319	.0855550	.0006189	.0014334	.0041069	189.1406
#2	482.1166	-.000977	.0772264	.0006871	.0015985	.0040905	191.8418
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0722037	-.001794	509.8825	.0001194	-.001534	.0512223	.0035082
Stddev	.0022655	.001040	6.2840	.0001714	.000725	.0065748	.0000180
%RSD	3.137621	57.96324	1.232431	143.5486	47.24716	12.83580	.5135473
#1	.0706018	-.001058	505.4391	-.000002	-.002046	.0558714	.0035209
#2	.0738057	-.002529	514.3259	.000241	-.001021	.0465733	.0034954
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: ICSA Acquired: 12/3/2021 16:05:33 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040419	.0041318	.0044537	-.011859	.0043358	.0024777	.0000155
Stddev	.0041436	.0017446	.0071878	.001898	.0027806	.0004479	.0000372
%RSD	102.5169	42.22436	161.3889	16.00252	64.13195	18.07504	239.5260
#1	.0011119	.0028981	-.000629	-.010517	.0023696	.0027944	.0000418
#2	.0069719	.0053654	.009536	-.013200	.0063020	.0021611	-.000011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.001561	.0004082	.0030913
Stddev	.004475	.0013237	.0001345
%RSD	286.6527	324.2787	4.350914
#1	.001603	.0013442	.0031864
#2	-.004725	-.000528	.0029962
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.040	1412.888	7154.961	1351.668
Stddev	8.509	2.226	134.668	3.696
%RSD	.4545372	.1575505	1.882165	.2734141
#1	1878.057	1414.462	7059.736	1354.281
#2	1866.023	1411.314	7250.185	1349.055

Sample Name: ICSAB Acquired: 12/3/2021 16:08:46 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2031849	494.3836	.0891614	-.004217	.5023785	.5000065	.0148242
Stddev	.0021777	3.9526	.0022194	.000556	.0028069	.0005773	.0027976
%RSD	1.071794	.7995033	2.489137	13.18104	.5587228	.1154604	18.87175
#1	.2047248	491.5886	.0875921	-.004610	.5003937	.4995983	.0128460
#2	.2016450	497.1785	.0907307	-.003824	.5043633	.5004148	.0168024
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None
Value							
Range							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	476.9226	.9651817	.0803837	.5106311	.4722148	.5087379	189.5673
Stddev	2.0666	.0020089	.0332069	.0028036	.0011955	.0008285	.3283
%RSD	.4333248	.2081393	41.31053	.5490354	.2531681	.1628492	.1731664
#1	475.4613	.9637612	.0569028	.5086487	.4713695	.5081521	189.3351
#2	478.3839	.9666023	.1038645	.5126135	.4730602	.5093237	189.7994
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219305	-.002813	507.3377	.4633803	-.001201	.0295573	1.011257
Stddev	.0090376	.000035	3.1988	.0012863	.000168	.0057104	.004061
%RSD	41.21025	1.243399	.6305157	.2775885	14.01542	19.31988	.4015419
#1	.0283211	-.002788	505.0758	.4642899	-.001082	.0255194	1.008386
#2	.0155400	-.002838	509.5996	.4624708	-.001320	.0335952	1.014128
Check ?	None	None	Chk Pass	Chk Pass	None	None	Chk Pass
Value							
Range							

Sample Name: ICSAB Acquired: 12/3/2021 16:08:46 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0511141	.5656555	.0485001	.0119959	.0076542	.0023722	-.001365
Stddev	.0022061	.0022815	.0033507	.0021104	.0002723	.0001198	.000187
%RSD	4.315988	.4033301	6.908711	17.59245	3.557078	5.048167	13.71496
#1	.0526741	.5640423	.0461307	.0134881	.0074617	.0024569	-.001498
#2	.0495542	.5672687	.0508694	.0105036	.0078467	.0022876	-.001233
Check ?	Chk Pass	Chk Pass	Chk Pass	None	None	None	None
Value							
Range							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0872417	.4885665	1.073411
Stddev	.0007678	.0002347	.005621
%RSD	.8801014	.0480439	.5236412
#1	.0866987	.4887325	1.069436
#2	.0877846	.4884005	1.077385
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.791	1409.319	7224.307	1347.335
Stddev	7.437	2.828	.445	4.943
%RSD	.3966785	.2006444	.0061589	.3668417
#1	1880.050	1411.319	7224.622	1343.840
#2	1869.532	1407.320	7223.992	1350.830

Sample Name: CCV Acquired: 12/3/2021 16:11:53 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4801919**	**49.42446**	**.4988362**	**.4827563**	**.4997299**	**.5010413**
Stddev	.0017800	.22278	.0024086	.0000867	.0014428	.0027385
%RSD	.3706766	.4507446	.4828392	.0179653	.2887106	.5465556
#1	.4789333	49.26693	.4971331	.4826950	.4987097	.4991049
#2	.4814505	49.58199	.5005394	.4828177	.5007501	.5029777
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5021855**	**25.67309**	**.4867533**	**-.003864**	**.5236544**	**.4946606**
Stddev	.0007198	.11569	.0005110	.005038	.0012932	.0018153
%RSD	.1433323	.4506280	.1049738	130.3937	.2469577	.3669870
#1	.5016765	25.59128	.4863920	-.000301	.5227400	.4959442
#2	.5026944	25.75489	.4871146	-.007426	.5245688	.4933770
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4870840**	**25.60882**	**50.33862**	**4.076183**	**24.89298**	**4.861367**
Stddev	.0004872	.21062	.05974	.016543	.17715	.022162
%RSD	.1000142	.8224519	.1186743	.4058427	.7116264	.4558862
#1	.4874285	25.75775	50.38086	4.064486	24.76772	4.845696
#2	.4867396	25.45989	50.29638	4.087881	25.01824	4.877038
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 12/3/2021 16:11:53 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4828172	24.99298	.5190869	.5084878	.4776453	.4845458
Stddev	.0011423	.01459	.0010094	.0067445	.0015485	.0004162
%RSD	.2365846	.0583814	.1944587	1.326390	.3241854	.0858971
#1	.4836249	24.98267	.5183731	.5037187	.4787402	.4848401
#2	.4820095	25.00330	.5198007	.5132568	.4765504	.4842515
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .3894574	.5202956	.4916583	.4968321	.4963950	5.011720
Stddev	.0018563	.0010031	.0003341	.0011673	.0020164	.009673
%RSD	.4766435	.1927961	.0679511	.2349502	.4062198	.1930061
#1	.3881448	.5195863	.4914220	.4976576	.4949692	5.018560
#2	.3907700	.5210049	.4918945	.4960067	.4978209	5.004880
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	.5448960
Stddev	.0016295
%RSD	.2990446
#1	.5437438
#2	.5460482
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 12/3/2021 16:11:53 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2289.961	1566.033	8063.787	1392.026
Stddev	.738	.778	9.807	3.504
%RSD	.0322489	.0496904	.1216236	.2516928
#1	2290.483	1565.483	8056.852	1389.548
#2	2289.439	1566.583	8070.722	1394.503

Sample Name: CCB Acquired: 12/3/2021 16:14:59 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003894	.0729352	.0021161	.0003850	.0002187	.0008213	.0015407
Stddev	.0009870	.0140012	.0005748	.0006117	.0001464	.0007648	.0004752
%RSD	253.4988	19.19676	27.16471	158.9100	66.94012	93.11718	30.84589
#1	-.000309	.0630349	.0025226	.0008175	.0001152	.0013621	.0012047
#2	.001087	.0828356	.0017097	-.000048	.0003222	.0002805	.0018768
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188710	-.000031	-.014320	-.000021	.0000449	.0003944	.1220029
Stddev	.0015731	.000025	.017488	.000096	.0010134	.0000449	.0191816
%RSD	8.336169	81.96000	122.1239	449.9819	2255.829	11.37520	15.72228
#1	.0177586	-.000013	-.026686	.000047	.0007615	.0004261	.1084395
#2	.0199834	-.000049	-.001954	-.000090	-.000672	.0003627	.1355664
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0743699	.0008458	.0588544	-.000953	-.000108	-.084134	.0003832
Stddev	.0147259	.0002845	.0442565	.000227	.000038	.000729	.0008651
%RSD	19.80091	33.63910	75.19660	23.83760	35.15242	.8664184	225.7785
#1	.0639571	.0006446	.0275603	-.000792	-.000081	-.083619	.0009949
#2	.0847827	.0010470	.0901485	-.001114	-.000135	-.084650	-.000229
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 12/3/2021 16:14:59 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000796	-.001254	-.006342	-.004441	.0001557	.0000582	-.000252
Stddev	.002157	.000825	.000825	.000568	.0006724	.0000053	.000037
%RSD	270.8789	65.76098	13.00600	12.78940	431.8651	9.159357	14.69496
#1	-.002322	-.001837	-.006926	-.004040	.0006312	.0000620	-.000225
#2	.000729	-.000671	-.005759	-.004843	-.000320	.0000544	-.000278
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0007229	.0005074	.0014302
Stddev	.0015321	.0001280	.0001318
%RSD	211.9419	25.21927	9.213231
#1	.0018062	.0005979	.0015234
#2	-.000360	.0004169	.0013370
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2660.847	1604.207	8457.497	1416.333
Stddev	37.339	19.327	12.945	8.307
%RSD	1.403291	1.204776	.1530554	.5865474
#1	2634.444	1590.541	8448.343	1422.208
#2	2687.250	1617.873	8466.650	1410.459

Sample Name: MRL Acquired: 12/3/2021 16:18:16 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047456	.1922956	.0105487	.0514539	.0103570	.0045569
Stddev	.0000328	.0340729	.0009227	.0004363	.0000479	.0003143
%RSD	.6920456	17.71902	8.747531	.8479565	.4624947	6.896661
#1	.0047688	.1682024	.0098962	.0517624	.0103232	.0043347
#2	.0047224	.2163887	.0112011	.0511454	.0103909	.0047792
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0514156	.2202066	.0019602	.0052946	.0048405	.0105875
Stddev	.0005021	.0121831	.0001239	.0679954	.0000860	.0001748
%RSD	.9765022	5.532593	6.320532	1284.254	1.777341	1.650582
#1	.0510606	.2288214	.0020478	.0533746	.0047797	.0107111
#2	.0517706	.2115919	.0018726	-.042785	.0049013	.0104640
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106922	F .3570682	.5534555	.0085878	F .0201178	.0087428
Stddev	.0002047	.0773686	.0092172	.0006177	.0364769	.0015910
%RSD	1.914376	21.66775	1.665388	7.193181	181.3170	18.19733
#1	.0105474	.4117761	.5599731	.0081510	.0459108	.0098678
#2	.0108369	.3023603	.5469380	.0090246	-.005675	.0076178
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value		.2000000			.1000000	
Range		30.00000%			-30.0000%	

Sample Name: MRL Acquired: 12/3/2021 16:18:16 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0099290**	**.9056633**	**.0100605**	**.0050975**	**.0232081**	F **.0052257**
Stddev	.0003371	.0104766	.0008218	.0013142	.0010523	.0035179
%RSD	3.395548	1.156791	8.168788	25.78175	4.534048	67.31927
#1	.0096906	.8982552	.0094793	.0041682	.0239522	.0027381
#2	.0101674	.9130714	.0106416	.0060268	.0224640	.0077132
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value						.0100000
Range						-30.0000%

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1981395**	**.0398854**	**.0052366**	**.0046977**	**.0089129**	**.0057828**
Stddev	.0008752	.0003272	.0000025	.0000167	.0010400	.0003549
%RSD	.4417086	.8203213	.0477939	.3558165	11.66886	6.136413
#1	.1987584	.0401168	.0052348	.0046859	.0081775	.0060337
#2	.1975206	.0396541	.0052383	.0047095	.0096483	.0055319
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	**.0208083**
Stddev	.0000834
%RSD	.4005972
#1	.0208673
#2	.0207494
Check ?	Chk Pass
Value	
Range	

Sample Name: MRL Acquired: 12/3/2021 16:18:16 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2662.190	1621.311	8438.129	1407.210
Stddev	4.267	.435	15.827	.928
%RSD	.1602837	.0268251	.1875676	.0659434
#1	2659.173	1621.618	8449.320	1406.553
#2	2665.207	1621.003	8426.937	1407.866

Sample Name: LRC Acquired: 12/3/2021 16:21:52 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007400**	**-.092570**	**-.006036**	**5.072406**	**5.031318**	**4.969274**
Stddev	.0002976	.000393	.002606	.050248	.156798	.130926
%RSD	40.22090	.4242529	43.17183	.9906230	3.116435	2.634717
#1	.0009505	-.092848	-.007879	5.036875	4.920445	4.876695
#2	.0005296	-.092292	-.004193	5.107937	5.142190	5.061853
Check ?	None	None	None	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.932443**	**.0232409**	**4.964993**	F **-.003152**	**2.019372**	**2.019903**
Stddev	.040165	.0155079	.052611	.023407	.023255	.003626
%RSD	.8143007	66.72668	1.059645	742.6416	1.151606	.1795048
#1	4.904042	.0122752	4.927791	.013399	2.002928	2.017339
#2	4.960844	.0342067	5.002195	-.019703	2.035815	2.022467
Check ?	Chk Pass	None	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				5.000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.970240**	**-.047449**	**.0500967**	**5.056427**	**-.010431**	**4.959575**
Stddev	.002468	.010029	.0034861	.158847	.116622	.132892
%RSD	.1252731	21.13551	6.958737	3.141494	1117.996	2.679499
#1	1.971985	-.054540	.0476317	4.944105	-.092895	4.865606
#2	1.968495	-.040358	.0525617	5.168749	.072033	5.053544
Check ?	Chk Pass	None	None	Chk Pass	None	Chk Pass
Value						
Range						

Sample Name: LRC Acquired: 12/3/2021 16:21:52 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.486432**	**-.079351**	**5.139350**	**5.092411**	**5.144637**	**5.008330**
Stddev	.015666	.007484	.048540	.055811	.051498	.061443
%RSD	1.053942	9.431742	.9444832	1.095963	1.000997	1.226821
#1	1.475355	-.074059	5.105027	5.052947	5.108223	4.964883
#2	1.497510	-.084643	5.173673	5.131876	5.181051	5.051777
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.522457**	**5.118274**	**1.963617**	**1.997187**	**4.975755**	**5.069404**
Stddev	.052607	.048451	.006293	.004003	.044762	.018020
%RSD	1.163249	.9466333	.3204661	.2004179	.8995928	.3554673
#1	4.485258	5.084014	1.959168	1.994357	4.944104	5.056662
#2	4.559656	5.152534	1.968067	2.000017	5.007406	5.082146
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	**5.229615**
Stddev	.061455
%RSD	1.175131
#1	5.186159
#2	5.273070
Check ?	Chk Pass
Value	
Range	

Sample Name: LRC Acquired: 12/3/2021 16:21:52 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2492.496	1575.651	8247.865	1414.607
Stddev	17.999	12.338	23.711	12.686
%RSD	.7221398	.7830101	.2874851	.8968160
#1	2505.224	1584.375	8264.631	1423.577
#2	2479.769	1566.927	8231.098	1405.636

Sample Name: MRL Acquired: 12/3/2021 16:24:57 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052197	.2223104	.0096888	.0614716	.0110266	.0048127
Stddev	.0001698	.0004519	.0016027	.0009256	.0001243	.0011733
%RSD	3.252020	.2032608	16.54179	1.505649	1.127180	24.37926
#1	.0053397	.2219909	.0085555	.0621261	.0109387	.0056423
#2	.0050997	.2226300	.0108221	.0608172	.0111144	.0039830
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0537122	.2152190	.0022668	.0317531	.0052106	.0101706
Stddev	.0004176	.0043747	.0001551	.0358232	.0000536	.0003673
%RSD	.7773987	2.032656	6.841310	112.8180	1.028304	3.611451
#1	.0534169	.2183123	.0023764	.0064223	.0051727	.0099108
#2	.0540075	.2121256	.0021571	.0570840	.0052485	.0104303
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107066	.2442655	.5216930	.0118730	F .1403338	.0095015
Stddev	.0000191	.0424250	.0026315	.0003787	.0000483	.0030948
%RSD	.1787111	17.36838	.5044164	3.189795	.0344294	32.57204
#1	.0106931	.2142665	.5198323	.0116052	.1403680	.0116899
#2	.0107201	.2742645	.5235538	.0121408	.1402997	.0073131
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value					.1000000	
Range					30.00000%	

Sample Name: MRL Acquired: 12/3/2021 16:24:57 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102669	.8955959	.0108959	.0052990	.0215396	F .0065719
Stddev	.0003481	.0085766	.0004393	.0006066	.0003509	.0002575
%RSD	3.391010	.9576399	4.031891	11.44726	1.629318	3.917897
#1	.0100207	.9016605	.0112066	.0057280	.0217877	.0063898
#2	.0105131	.8895314	.0105853	.0048701	.0212914	.0067540
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value						.0100000
Range						-30.0000%

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1921820	.0409596	.0054192	.0055223	.0094735	.0054321
Stddev	.0017143	.0000085	.0000119	.0000721	.0003534	.0007660
%RSD	.8920124	.0207083	.2199260	1.305824	3.730216	14.10051
#1	.1933942	.0409536	.0054276	.0054713	.0097233	.0059737
#2	.1909698	.0409656	.0054107	.0055733	.0092236	.0048905
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.0214455
Stddev	.0000408
%RSD	.1901286
#1	.0214167
#2	.0214744
Check ?	Chk Pass
Value	
Range	

Sample Name: MRL Acquired: 12/3/2021 16:24:57 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2662.617	1622.492	8519.795	1418.026
Stddev	.550	1.150	56.508	11.600
%RSD	.0206525	.0709093	.6632608	.8180049
#1	2663.006	1621.679	8559.752	1409.824
#2	2662.228	1623.306	8479.837	1426.228

Sample Name: lb 500-630390/1-b Acquired: 12/3/2021 16:28:52 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000520**	**.0658547**	**-.000836**	**.1434045**	**.0073551**	**.0002757**
Stddev	.000538	.0138534	.001110	.0001059	.0000286	.0016346
%RSD	103.4710	21.03631	132.8145	.0738708	.3891320	592.8750
#1	-.000901	.0560589	-.000051	.1433296	.0073753	-.000880
#2	-.000140	.0756505	-.001621	.1434795	.0073349	.001432
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0020332**	**.3909693**	**.0001827**	**.0140644**	**-.000812**	**.0015901**
Stddev	.0006049	.0039779	.0001610	.0021415	.000076	.0002338
%RSD	29.75123	1.017451	88.11630	15.22615	9.410620	14.70099
#1	.0024609	.3881565	.0000689	.0125502	-.000758	.0014248
#2	.0016055	.3937821	.0002965	.0155787	-.000865	.0017554
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0050336**	**.2375146**	**.3263055**	**.0030513**	**.0694362**	**.0000220**
Stddev	.0003957	.0483634	.0327248	.0014919	.0308161	.0009342
%RSD	7.861006	20.36229	10.02887	48.89451	44.38038	4254.501
#1	.0047538	.2033165	.3031656	.0041062	.0912265	.0006825
#2	.0053134	.2717127	.3494454	.0019964	.0476460	-.000639
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 500-630390/1-b Acquired: 12/3/2021 16:28:52 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005053	F 1383.392	.0010376	-.002215	-.001076	.0065378
Stddev	.0003060	22.118	.0010417	.001766	.000356	.0038910
%RSD	60.55261	1.598824	100.3898	79.75040	33.08010	59.51560
#1	.0007216	1367.753	.0017742	-.003464	-.000824	.0037864
#2	.0002889	1399.032	.0003011	-.000966	-.001327	.0092891
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4151022	.0037041	.0003801	.0003617	.0004747	.0004934
Stddev	.0003772	.0003283	.0000289	.0003428	.0015499	.0011534
%RSD	.0908605	8.862232	7.608136	94.76882	326.5386	233.7746
#1	.4153689	.0039362	.0003596	.0001193	.0015706	.0013090
#2	.4148355	.0034719	.0004005	.0006042	-.000621	-.000322
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0060830
Stddev	.0003207
%RSD	5.272240
#1	.0058562
#2	.0063098
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: lb 500-630390/1-b Acquired: 12/3/2021 16:28:52 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1873.805	1370.889	6835.258	1347.311
Stddev	2.457	1.371	.851	1.429
%RSD	.1311066	.1000206	.0124551	.1060458
#1	1872.068	1371.858	6835.860	1348.321
#2	1875.542	1369.919	6834.656	1346.301

Sample Name: lcs 500-631798/2-a Acquired: 12/3/2021 16:32:14 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0566673	1.997628	.1113263	1.033682	.5181347	.0501012
Stddev	.0000056	.009632	.0010656	.001795	.0041116	.0014914
%RSD	.0098899	.4821725	.9571686	.1736647	.7935469	2.976705
#1	.0566633	1.990818	.1120798	1.032413	.5152273	.0490466
#2	.0566712	2.004439	.1105728	1.034952	.5210421	.0511558
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003157	10.44450	.0526528	.0169315	.5495657	.2100181
Stddev	.000403	.08621	.0001105	.0075071	.0009376	.0012766
%RSD	12.76880	.8253920	.2098711	44.33816	.1706014	.6078621
#1	-.002872	10.38355	.0527309	.0222398	.5502287	.2109208
#2	-.003442	10.50546	.0525747	.0116232	.5489028	.2091154
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2682524	1.213362	11.20256	.1171315	9.890486	.5010542
Stddev	.0015636	.031744	.07598	.0008558	.207574	.0058920
%RSD	.5828913	2.616176	.6782601	.7306338	2.098727	1.175927
#1	.2693580	1.235809	11.14883	.1165263	9.743708	.4968879
#2	.2671467	1.190916	11.25629	.1177366	10.03726	.5052205
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcs 500-631798/2-a Acquired: 12/3/2021 16:32:14 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9986936	F 1356.801	.5545121	.1007405	.5381349	.1111277
Stddev	.0008972	20.205	.0000473	.0000940	.0008132	.0021928
%RSD	.0898363	1.489198	.0085343	.0933045	.1511123	1.973235
#1	.9980591	1342.513	.5545456	.1008070	.5387099	.1095771
#2	.9993280	1371.088	.5544786	.1006740	.5375598	.1126782
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.594120	1.107835	.9536193	1.047172	.0919023	.5326272
Stddev	.011349	.008956	.0055166	.000943	.0022940	.0011193
%RSD	.2470324	.8084678	.5784937	.0900320	2.496116	.2101543
#1	4.586095	1.114168	.9575202	1.047839	.0902802	.5334187
#2	4.602145	1.101502	.9497185	1.046505	.0935244	.5318357
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.6181914
Stddev	.0023643
%RSD	.3824621
#1	.6198633
#2	.6165196
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: lcs 500-631798/2-a Acquired: 12/3/2021 16:32:14 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1855.901	1376.135	6908.231	1365.800
Stddev	1.689	1.699	20.950	8.397
%RSD	.0910053	.1234593	.3032686	.6147786
#1	1857.095	1377.336	6893.417	1371.737
#2	1854.707	1374.934	6923.046	1359.863

Sample Name: 500-208567-f-1-i Acquired: 12/3/2021 16:35:26 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000585	.1218258	.0027823	.1466230	.6375596	.0001114
Stddev	.000029	.0150206	.0035228	.0004474	.0024642	.0010483
%RSD	5.001104	12.32958	126.6124	.3051000	.3865114	941.0530
#1	-.000606	.1112046	.0002914	.1469393	.6358171	-.000630
#2	-.000565	.1324470	.0052733	.1463066	.6393021	.000853
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020849	571.8522	.0019761	.0188392	.0067672	.0022828
Stddev	.0022065	7.6252	.0002520	.0008061	.0000227	.0002926
%RSD	105.8325	1.333429	12.75300	4.278998	.3350698	12.81725
#1	.0036452	566.4604	.0021542	.0194092	.0067512	.0024897
#2	.0005247	577.2441	.0017979	.0182692	.0067833	.0020759
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042154	.3114179	2.202641	.0022564	48.86521	2.015592
Stddev	.0000855	.1252478	.008424	.0007466	.83161	.034879
%RSD	2.027514	40.21855	.3824423	33.08744	1.701851	1.730441
#1	.0042759	.3999815	2.208597	.0017285	48.27717	1.990930
#2	.0041550	.2228544	2.196684	.0027843	49.45325	2.040255
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-1-i Acquired: 12/3/2021 16:35:26 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027035	F 1458.219	.0126949	-.000629	-.003524	.0009998
Stddev	.0001608	29.119	.0002309	.001855	.001482	.0017831
%RSD	5.948768	1.996906	1.818901	294.8505	42.04828	178.3439
#1	.0025898	1437.629	.0128581	-.001940	-.004572	.0022606
#2	.0028172	1478.810	.0125316	.000682	-.002476	-.000261
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.399292	.0024240	.4689745	.0010571	.0004797	.0018202
Stddev	.011562	.0003971	.0011225	.0003136	.0017670	.0004939
%RSD	.4818828	16.38317	.2393495	29.67068	368.3270	27.13239
#1	2.407468	.0027048	.4681808	.0008353	.0017292	.0021694
#2	2.391117	.0021432	.4697682	.0012788	-.000770	.0014710
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0131520
Stddev	.0000009
%RSD	.0065306
#1	.0131526
#2	.0131514
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-1-i Acquired: 12/3/2021 16:35:26 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1706.181	1278.648	6586.240	1321.334
Stddev	5.942	2.869	9.774	15.206
%RSD	.3482480	.2243579	.1483973	1.150781
#1	1701.980	1276.620	6593.151	1332.086
#2	1710.383	1280.677	6579.329	1310.582

Sample Name: 500-208567-f-2-g Acquired: 12/3/2021 16:38:41 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001668**	**.3489739**	**.0030770**	**.1636314**	**.5344502**	**-.000738**
Stddev	.000755	.0027292	.0015388	.0004754	.0024257	.000630
%RSD	45.26348	.7820602	50.00882	.2905368	.4538744	85.34805
#1	-.002202	.3470441	.0019889	.1632953	.5327349	-.001184
#2	-.001134	.3509038	.0041650	.1639676	.5361654	-.000293
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0039004**	**588.0450**	**.0020692**	**.0566123**	**.0001925**	**.0032973**
Stddev	.0022513	.5221	.0002276	.0153915	.0003176	.0001305
%RSD	57.72033	.0887870	11.00122	27.18756	165.0010	3.956680
#1	.0054923	588.4142	.0019082	.0674958	-.000032	.0032051
#2	.0023085	587.6758	.0022302	.0457289	.000417	.0033896
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0070292**	**.3202594**	**2.795506**	**.0038263**	**48.65996**	**.8502616**
Stddev	.0000448	.1545257	.008037	.0005083	.06101	.0034188
%RSD	.6367341	48.25017	.2875120	13.28511	.1253814	.4020930
#1	.0069976	.4295256	2.789822	.0034668	48.61682	.8478442
#2	.0070608	.2109932	2.801189	.0041857	48.70310	.8526791
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-2-g Acquired: 12/3/2021 16:38:41 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009747	F 1371.616	.0086278	.0124572	-.001890	.0079205
Stddev	.0000736	13.987	.0001777	.0001798	.000757	.0021457
%RSD	7.554445	1.019751	2.059739	1.443604	40.04746	27.09009
#1	.0009227	1361.726	.0085021	.0123300	-.001355	.0094377
#2	.0010268	1381.507	.0087534	.0125843	-.002425	.0064033
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.799525	.0014711	.5220596	.0052975	-.000079	.0018793
Stddev	.008758	.0014954	.0013085	.0001730	.001887	.0002592
%RSD	.3128374	101.6525	.2506460	3.265561	2377.904	13.79178
#1	2.793333	.0004137	.5229848	.0054198	-.001414	.0020626
#2	2.805718	.0025284	.5211343	.0051751	.001255	.0016961
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0931276
Stddev	.0001443
%RSD	.1549294
#1	.0930256
#2	.0932296
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-2-g Acquired: 12/3/2021 16:38:41 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1730.264	1300.130	6645.497	1310.008
Stddev	8.248	5.354	11.658	8.403
%RSD	.4767165	.4118046	.1754333	.6414623
#1	1736.097	1303.916	6637.253	1304.066
#2	1724.431	1296.344	6653.740	1315.950

Sample Name: 500-208567-f-3-g Acquired: 12/3/2021 16:41:56 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000486**	**2.921104**	**.0035106**	**.1636667**	**.2249320**	**.0001006**
Stddev	.0003951	.031057	.0024627	.0009126	.0015571	.0001270
%RSD	813.1346	1.063188	70.14868	.5575708	.6922723	126.1924
#1	-.000231	2.899144	.0017693	.1643120	.2238309	.0001904
#2	.000328	2.943065	.0052520	.1630214	.2260331	.0000108
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000254**	**41.60269**	**.0006441**	**-.003173**	**-.000692**	**.0065850**
Stddev	.003681	.46444	.0001064	.012743	.000024	.0003528
%RSD	1446.605	1.116378	16.52525	401.6744	3.471369	5.357939
#1	-.002857	41.27428	.0007194	.005838	-.000709	.0068344
#2	.002348	41.93111	.0005688	-.012183	-.000675	.0063355
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0059060**	**2.364433**	**2.284582**	**.0040507**	**6.816113**	**.0344075**
Stddev	.0001611	.058430	.030064	.0000559	.082866	.0007228
%RSD	2.728379	2.471213	1.315954	1.380592	1.215737	2.100581
#1	.0057921	2.405749	2.263323	.0040111	6.757518	.0338964
#2	.0060200	2.323117	2.305840	.0040902	6.874708	.0349186
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-3-g Acquired: 12/3/2021 16:41:56 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006802	F 1277.872	.0037631	-.001582	-.001100	.0074643
Stddev	.0007828	22.420	.0001925	.000927	.000974	.0022823
%RSD	115.0784	1.754471	5.115307	58.59374	88.59803	30.57568
#1	.0012337	1262.019	.0036270	-.000927	-.000411	.0090781
#2	.0001267	1293.725	.0038992	-.002238	-.001789	.0058505
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.840168	.0030599	.1262119	.0533977	.0001328	.0063005
Stddev	.009291	.0012438	.0004233	.0006990	.0021540	.0004852
%RSD	.1185068	40.64984	.3353865	1.308946	1621.936	7.701503
#1	7.846737	.0021804	.1265112	.0529035	-.001390	.0059574
#2	7.833598	.0039394	.1259126	.0538919	.001656	.0066436
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0278267
Stddev	.0000414
%RSD	.1488366
#1	.0277974
#2	.0278560
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-3-g Acquired: 12/3/2021 16:41:56 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1869.416	1393.049	6974.814	1354.806
Stddev	.449	.326	13.427	10.323
%RSD	.0240013	.0234326	.1925124	.7619539
#1	1869.099	1392.818	6965.319	1362.105
#2	1869.734	1393.280	6984.308	1347.506

Sample Name: 500-208567-f-5-g Acquired: 12/3/2021 16:45:11 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000520	.1249600	.0042135	.1615108	.7108676	-.000299
Stddev	.000275	.0416429	.0009637	.0002684	.0058275	.000983
%RSD	52.83000	33.32499	22.87208	.1662116	.8197673	328.5837
#1	-.000326	.1544060	.0035321	.1613210	.7067470	.000396
#2	-.000714	.0955140	.0048950	.1617006	.7149882	-.000994
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015745	508.9253	.0020983	.0325799	-.000061	.0014572
Stddev	.0041691	7.5677	.0003041	.0091228	.000097	.0000390
%RSD	264.7967	1.487003	14.49433	28.00128	160.3354	2.677859
#1	.0045224	503.5741	.0023134	.0390307	-.000130	.0014296
#2	-.001374	514.2764	.0018832	.0261291	.000008	.0014848
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042616	.3020502	2.123665	.0015174	73.23775	.7704273
Stddev	.0004347	.0663811	.034720	.0001508	.66044	.0050636
%RSD	10.20069	21.97683	1.634887	9.939368	.9017742	.6572445
#1	.0039542	.3489887	2.099115	.0016240	72.77075	.7668468
#2	.0045690	.2551117	2.148216	.0014108	73.70475	.7740078
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-5-g Acquired: 12/3/2021 16:45:11 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010620	F 1366.964	.0074461	.0004640	-.000165	.0002810
Stddev	.0001311	15.836	.0003395	.0011996	.001733	.0087745
%RSD	12.34566	1.158507	4.558963	258.5097	1052.000	3122.672
#1	.0011547	1355.766	.0076861	.0013123	.001061	.0064855
#2	.0009693	1378.162	.0072060	-.000384	-.001391	-.005923
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.718977	.0028205	.3928143	.0021446	-.000360	.0020191
Stddev	.005199	.0033811	.0014031	.0005343	.001876	.0010324
%RSD	.1911997	119.8776	.3571877	24.91366	520.9910	51.13231
#1	2.715301	.0004297	.3938064	.0017668	-.001687	.0027492
#2	2.722653	.0052113	.3918222	.0025224	.000966	.0012891
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0320390
Stddev	.0000242
%RSD	.0754849
#1	.0320219
#2	.0320561
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-5-g Acquired: 12/3/2021 16:45:11 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1732.299	1295.090	6648.693	1311.881
Stddev	2.764	2.708	4.386	13.544
%RSD	.1595433	.2091024	.0659628	1.032404
#1	1734.253	1297.005	6645.592	1321.458
#2	1730.345	1293.175	6651.795	1302.304

Sample Name: 500-208567-f-6-j Acquired: 12/3/2021 16:48:27 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002051	.1121852	.0030936	.1786061	.5409632	.0002382
Stddev	.000603	.0304545	.0012380	.0000334	.0030541	.0012141
%RSD	29.40532	27.14661	40.01880	.0186863	.5645770	509.6783
#1	-.002478	.0906506	.0039690	.1786297	.5388036	-.000620
#2	-.001625	.1337198	.0022182	.1785825	.5431228	.001097
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037639	447.0766	.0024385	.0345310	-.000405	.0017721
Stddev	.0002083	2.1398	.0001577	.0061468	.000571	.0010597
%RSD	5.534041	.4786161	6.468158	17.80071	140.9808	59.79953
#1	.0036166	445.5635	.0023270	.0301846	-.000001	.0025214
#2	.0039112	448.5897	.0025500	.0388775	-.000809	.0010228
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039353	.2508342	1.861993	.0019438	97.04185	.4651474
Stddev	.0006377	.0805263	.010413	.0005361	.37809	.0008629
%RSD	16.20351	32.10340	.5592218	27.57758	.3896117	.1855176
#1	.0034844	.3077749	1.854630	.0015648	96.77450	.4645372
#2	.0043862	.1938935	1.869356	.0023229	97.30919	.4657575
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-6-j Acquired: 12/3/2021 16:48:27 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007769	F 1342.956	.0036539	.0001540	-.000930	.0028270
Stddev	.0001686	2.894	.0014972	.0014341	.001656	.0016014
%RSD	21.69736	.2155057	40.97472	931.1542	177.9694	56.64555
#1	.0006577	1340.909	.0047126	.0011681	.000240	.0039593
#2	.0008961	1345.002	.0025953	-.000860	-.002101	.0016947
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.019000	.0031486	.2654961	.0028513	.0013151	.0016912
Stddev	.004553	.0017308	.0000411	.0000064	.0010011	.0002248
%RSD	.2255181	54.97197	.0154980	.2228092	76.12441	13.29057
#1	2.015781	.0019247	.2654670	.0028468	.0020230	.0018501
#2	2.022220	.0043725	.2655252	.0028558	.0006072	.0015323
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0832831
Stddev	.0002105
%RSD	.2527277
#1	.0834319
#2	.0831343
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-6-j Acquired: 12/3/2021 16:48:27 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1733.910	1297.363	6657.918	1303.938
Stddev	3.178	2.425	7.329	4.510
%RSD	.1832838	.1869377	.1100825	.3459034
#1	1736.157	1299.077	6652.736	1300.749
#2	1731.663	1295.648	6663.101	1307.128

Sample Name: 500-208567-f-7-g Acquired: 12/3/2021 16:51:44 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001178**	**.9312448**	**.0025609**	**.1595056**	**.3298807**	**-.000802**
Stddev	.000786	.0358863	.0002777	.0003398	.0001589	.000794
%RSD	66.77376	3.853582	10.84215	.2130476	.0481618	99.01370
#1	-.000622	.9566202	.0023646	.1592653	.3299930	-.001363
#2	-.001734	.9058693	.0027572	.1597459	.3297683	-.000240
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001777**	**143.7660**	**.0017590**	**.0146524**	**.0000299**	**.0031923**
Stddev	.0030525	.5415	.0000715	.0034311	.0002933	.0009058
%RSD	1718.062	.3766834	4.062695	23.41654	981.5765	28.37621
#1	.0023361	144.1489	.0018095	.0122263	.0002373	.0025517
#2	-.001981	143.3831	.0017084	.0170786	-.000178	.0038328
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0046777**	**.8771926**	**2.955510**	**.0015652**	**39.35495**	**.4999903**
Stddev	.0006827	.0374225	.012625	.0004667	.19640	.0001635
%RSD	14.59389	4.266168	.4271639	29.81626	.4990559	.0327113
#1	.0051604	.9036543	2.946583	.0018951	39.49383	.4998746
#2	.0041950	.8507309	2.964437	.0012352	39.21607	.5001059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-7-g Acquired: 12/3/2021 16:51:44 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005370	F 1349.625	.0086774	-.000490	.0011742	.0070926
Stddev	.0005733	5.352	.0000462	.001381	.0004599	.0001672
%RSD	106.7533	.3965510	.5327539	281.8496	39.17093	2.356983
#1	.0009424	1353.409	.0087101	.000486	.0008489	.0072108
#2	.0001317	1345.840	.0086447	-.001466	.0014994	.0069744
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.838441	.0041101	.1304290	.0274624	-.000760	.0034802
Stddev	.016699	.0002240	.0000112	.0000129	.000057	.0006809
%RSD	.4350428	5.450964	.0085983	.0468055	7.449604	19.56470
#1	3.826633	.0039517	.1304211	.0274714	-.000720	.0029988
#2	3.850249	.0042686	.1304370	.0274533	-.000800	.0039617
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0309189
Stddev	.0003338
%RSD	1.079691
#1	.0306828
#2	.0311549
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-7-g Acquired: 12/3/2021 16:51:44 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1804.464	1348.762	6822.661	1322.785
Stddev	1.603	2.837	5.607	12.578
%RSD	.0888503	.2103123	.0821820	.9508757
#1	1805.597	1350.767	6826.626	1313.891
#2	1803.330	1346.756	6818.696	1331.679

Sample Name: 500-208567-f-8-g Acquired: 12/3/2021 16:55:03 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001750	.0998723	.0037729	.1520759	.2538281	-.000441
Stddev	.000396	.0151754	.0005192	.0003120	.0024484	.001431
%RSD	22.60722	15.19484	13.76195	.2051887	.9646039	324.7176
#1	-.001470	.0891416	.0034058	.1518553	.2520968	-.001452
#2	-.002030	.1106029	.0041401	.1522966	.2555595	.000571
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014279	F 651.3405	.0007500	.0105630	.0173466	.0028685
Stddev	.0010051	12.1440	.0002155	.0119180	.0000127	.0011896
%RSD	70.38493	1.864464	28.73245	112.8278	.0732138	41.47037
#1	.0007173	642.7534	.0009023	.0189904	.0173556	.0020273
#2	.0021386	659.9276	.0005976	.0021357	.0173376	.0037097
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040006	.2172959	3.372058	.0012504	24.91176	1.891871
Stddev	.0001544	.0059563	.040431	.0002380	.70383	.029646
%RSD	3.858589	2.741082	1.199000	19.03766	2.825295	1.567017
#1	.0038914	.2215076	3.343469	.0014187	24.41407	1.870909
#2	.0041097	.2130841	3.400647	.0010821	25.40944	1.912834
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-8-g Acquired: 12/3/2021 16:55:03 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018363	F 1405.145	.0294837	.0019285	.0005339	.0057222
Stddev	.0010613	36.180	.0003491	.0030820	.0012722	.0063033
%RSD	57.79676	2.574806	1.184081	159.8129	238.2967	110.1561
#1	.0025867	1379.562	.0292368	-.000251	.0014335	.0012651
#2	.0010858	1430.728	.0297305	.004108	-.000366	.0101793
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.129836	.0011506	.6761026	-.000514	-.002087	.0023292
Stddev	.001108	.0021140	.0011470	.000273	.000125	.0000699
%RSD	.0980294	183.7278	.1696445	53.11000	5.995300	2.999414
#1	1.130620	-.000344	.6752915	-.000321	-.002176	.0023786
#2	1.129053	.002645	.6769136	-.000707	-.001999	.0022798
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0115286
Stddev	.0002953
%RSD	2.561313
#1	.0113198
#2	.0117374
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-8-g Acquired: 12/3/2021 16:55:03 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1719.033	1288.567	6593.222	1291.110
Stddev	.307	2.524	3.271	16.022
%RSD	.0178638	.1958620	.0496170	1.240928
#1	1718.816	1286.782	6595.535	1302.439
#2	1719.250	1290.351	6590.909	1279.781

Sample Name: 500-208567-f-9-g Acquired: 12/3/2021 16:58:20 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001224**	**.1291833**	**.0028616**	**.1535255**	**.3059800**	**-.000343**
Stddev	.000538	.0133021	.0025308	.0004047	.0012099	.000002
%RSD	43.98794	10.29708	88.43945	.2636160	.3954063	.7136744
#1	-.000843	.1197773	.0010721	.1538116	.3068355	-.000345
#2	-.001604	.1385893	.0046511	.1532393	.3051245	-.000341
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017136**	**595.8610**	**.0005732**	**.0133044**	**.0139749**	**.0021259**
Stddev	.0031857	2.4745	.0001473	.0206948	.0013479	.0003561
%RSD	185.9043	.4152763	25.70051	155.5484	9.645221	16.75006
#1	-.000539	597.6108	.0006774	.0279378	.0130218	.0023777
#2	.003966	594.1113	.0004690	-.001329	.0149280	.0018741
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0049622**	**.1379334**	**2.206238**	**.0023709**	**39.44165**	**1.789538**
Stddev	.0008724	.0409101	.014384	.0003389	.27203	.009655
%RSD	17.58148	29.65933	.6519702	14.29267	.6897022	.5395461
#1	.0055791	.1668612	2.196066	.0026105	39.63400	1.796366
#2	.0043453	.1090056	2.216409	.0021313	39.24930	1.782711
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-9-g Acquired: 12/3/2021 16:58:20 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004529**	F **1322.209**	**.0255942**	**-.000710**	**.0005941**	**.0012038**
Stddev	.0009620	10.779	.0014909	.003577	.0027365	.0016879
%RSD	212.3973	.8152576	5.824999	503.7772	460.5984	140.2230
#1	.0011331	1329.832	.0266484	-.003239	-.001341	.0023973
#2	-.000227	1314.587	.0245400	.001819	.002529	.0000102
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.584518**	**.0008232**	**.6323738**	**-.000069**	**.0014358**	**.0018480**
Stddev	.011410	.0000265	.0089110	.000032	.0003963	.0002355
%RSD	.7200943	3.222815	1.409138	46.79372	27.60018	12.74130
#1	1.592586	.0008420	.6386748	-.000091	.0011556	.0020145
#2	1.576450	.0008044	.6260727	-.000046	.0017160	.0016815
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.0101923**
Stddev	.0001383
%RSD	1.356578
#1	.0102900
#2	.0100945
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-9-g Acquired: 12/3/2021 16:58:20 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1720.182	1288.788	6618.403	1322.209
Stddev	8.331	7.567	76.912	6.191
%RSD	.4842849	.5871527	1.162088	.4682660
#1	1714.292	1283.437	6564.018	1317.831
#2	1726.073	1294.139	6672.788	1326.587

Sample Name: CCV Acquired: 12/3/2021 17:01:38 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4787921**	**48.23585**	**.4991147**	**.4845336**	**.4860313**	**.4695168**
Stddev	.0002723	.03841	.0034803	.0026048	.0007163	.0012355
%RSD	.0568769	.0796344	.6973024	.5375886	.1473796	.2631441
#1	.4789847	48.20869	.5015757	.4863755	.4865378	.4703904
#2	.4785995	48.26302	.4966538	.4826917	.4855248	.4686432
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5033285**	**24.99934**	**.4877055**	**.0163128**	**.5277752**	**.4951207**
Stddev	.0048587	.08961	.0017388	.0453299	.0018181	.0024371
%RSD	.9653132	.3584467	.3565331	277.8787	.3444891	.4922137
#1	.5067641	25.06271	.4889351	-.015740	.5290608	.4933975
#2	.4998929	24.93598	.4864760	.048366	.5264896	.4968440
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4856822**	**24.38606**	**49.33925**	**3.985765**	**23.86634**	**4.654994**
Stddev	.0011941	.01249	.25105	.000458	.30976	.003667
%RSD	.2458558	.0512058	.5088276	.0114942	1.297878	.0787657
#1	.4865266	24.37723	49.51677	3.985441	23.64731	4.652401
#2	.4848379	24.39489	49.16173	3.986089	24.08537	4.657587
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 12/3/2021 17:01:38 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4830320**	**24.81848**	**.5230936**	**.5189712**	**.4727771**	**.4857575**
Stddev	.0033874	.13860	.0019917	.0013413	.0006157	.0028987
%RSD	.7012831	.5584501	.3807586	.2584504	.1302286	.5967437
#1	.4854272	24.91648	.5245020	.5199197	.4732125	.4878072
#2	.4806367	24.72047	.5216853	.5180228	.4723418	.4837078
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.3878909**	**.5266413**	**.4885126**	**.4962133**	**.4984818**	**4.947295**
Stddev	.0015731	.0032515	.0011381	.0011326	.0037093	.026402
%RSD	.4055554	.6174052	.2329647	.2282398	.7441170	.5336721
#1	.3890032	.5289405	.4877079	.4954125	.5011046	4.928625
#2	.3867785	.5243422	.4893174	.4970141	.4958589	4.965964
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**.5491793**
Stddev	.0024452
%RSD	.4452525
#1	.5509083
#2	.5474502
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 12/3/2021 17:01:38 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2289.230	1572.543	8115.657	1409.724
Stddev	9.238	4.988	29.058	12.010
%RSD	.4035618	.3171836	.3580452	.8519709
#1	2282.697	1569.016	8136.204	1401.232
#2	2295.763	1576.070	8095.110	1418.217

Sample Name: CCB Acquired: 12/3/2021 17:04:44 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004807	.0059836	-.000350	.0010003	.0003683	.0000900	.0031462
Stddev	.0006105	.0203504	.002501	.0000055	.0000129	.0013351	.0017522
%RSD	127.0065	340.1014	714.9956	.5481132	3.497402	1483.079	55.69310
#1	.0009124	-.008406	-.002118	.0009964	.0003592	-.000854	.0019072
#2	.0000490	.020374	.001419	.0010042	.0003774	.001034	.0043853
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124045	.0000351	-.001135	-.000054	.0001340	.0002865	.1323471
Stddev	.0014796	.0000527	.010848	.000248	.0004266	.0001501	.0397308
%RSD	11.92785	149.9615	955.9200	460.4332	318.5224	52.38989	30.02019
#1	.0134507	.0000724	.006536	.000121	.0004356	.0001804	.1042531
#2	.0113583	-.000002	-.008805	-.000229	-.000168	.0003927	.1604410
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0714860	.0009666	.0416731	.0024156	.0000150	.0824108	.0001556
Stddev	.0063720	.0010005	.0053069	.0012886	.0001048	.0105784	.0005783
%RSD	8.913567	103.5076	12.73463	53.34216	698.6608	12.83621	371.5753
#1	.0669803	.0016740	.0379206	.0033268	.0000891	.0749307	-.000253
#2	.0759916	.0002591	.0454257	.0015045	-.000059	.0898908	.000565
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 12/3/2021 17:04:44 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004983	.0007416	-.004216	-.009997	.0004356	.0000860	-.000277
Stddev	.0004549	.0005758	.001184	.000577	.0024359	.0000125	.000093
%RSD	91.28198	77.64253	28.08077	5.766744	559.1827	14.51949	33.72897
#1	.0001767	.0003344	-.003379	-.010405	.0021580	.0000948	-.000211
#2	.0008200	.0011487	-.005053	-.009589	-.001287	.0000772	-.000342
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000595	.0008407	.0002610
Stddev	.001059	.0001371	.0001691
%RSD	177.9244	16.31089	64.78441
#1	.000154	.0009377	.0001414
#2	-.001344	.0007438	.0003805
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2687.959	1622.238	8413.023	1408.230
Stddev	3.417	4.651	7.326	16.895
%RSD	.1271305	.2867194	.0870792	1.199718
#1	2690.376	1625.527	8407.843	1420.177
#2	2685.543	1618.949	8418.204	1396.284

Sample Name: 500-208567-f-10-g Acquired: 12/3/2021 17:08:20 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001058	.0810034	-.000109	.1609904	.6272752	.0003481
Stddev	.000639	.0474827	.000158	.0003158	.0019181	.0015075
%RSD	60.32515	58.61825	145.0674	.1961383	.3057843	433.0892
#1	-.001510	.0474280	-.000221	.1607671	.6259189	-.000718
#2	-.000607	.1145787	.000003	.1612136	.6286315	.001414
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003155	567.5985	.0017830	.0298784	.0000802	.0037630
Stddev	.0030110	.0236	.0000348	.0090757	.0005703	.0000349
%RSD	954.4467	.0041662	1.949877	30.37531	711.4546	.9263754
#1	-.001814	567.5818	.0017584	.0234609	-.000323	.0037876
#2	.002445	567.6152	.0018076	.0362959	.000483	.0037383
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045041	.3546574	3.054007	.0023615	47.31108	.8370268
Stddev	.0000344	.1212301	.006988	.0006708	.14987	.0007273
%RSD	.7629615	34.18232	.2288240	28.40387	.3167722	.0868931
#1	.0044798	.4403800	3.058948	.0018872	47.20511	.8365125
#2	.0045284	.2689348	3.049066	.0028358	47.41705	.8375411
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-10-g Acquired: 12/3/2021 17:08:20 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022814**	F **1369.700**	**.0097344**	**-.002752**	**-.000584**	**-.002727**
Stddev	.0000857	16.545	.0000952	.000991	.000500	.000583
%RSD	3.755224	1.207921	.9779280	36.01746	85.62991	21.39319
#1	.0022208	1358.001	.0096671	-.003452	-.000937	-.002315
#2	.0023420	1381.399	.0098017	-.002051	-.000230	-.003140
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.474412**	**.0027241**	**.5283142**	**.0012434**	**.0027922**	**.0021078**
Stddev	.006549	.0018473	.0015603	.0000788	.0015434	.0002122
%RSD	.2646834	67.81262	.2953281	6.335897	55.27444	10.06756
#1	2.469781	.0040304	.5294174	.0011876	.0038835	.0019578
#2	2.479044	.0014179	.5272109	.0012991	.0017009	.0022579
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.0189693**
Stddev	.0003936
%RSD	2.074837
#1	.0186910
#2	.0192476
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-10-g Acquired: 12/3/2021 17:08:20 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1717.975	1290.350	6604.675	1279.777
Stddev	2.275	4.707	19.296	6.069
%RSD	.1323985	.3647829	.2921552	.4742235
#1	1719.584	1293.678	6591.031	1275.486
#2	1716.367	1287.021	6618.320	1284.069

Sample Name: 500-208567-f-11-g Acquired: 12/3/2021 17:11:39 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001930**	**.1128335**	**.0022070**	**.1525123**	**.7122966**	**.0003630**
Stddev	.000017	.0327011	.0038576	.0003148	.0052467	.0013273
%RSD	.8784945	28.98176	174.7914	.2064122	.7365823	365.6534
#1	-.001918	.0897103	.0049347	.1527349	.7085867	-.000576
#2	-.001942	.1359567	-.000521	.1522897	.7160066	.001302
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000877**	**517.5417**	**.0035839**	**.0206841**	**-.000594**	**.0019497**
Stddev	.000398	4.7804	.0002211	.0085752	.000017	.0010009
%RSD	45.32038	.9236660	6.169030	41.45794	2.845173	51.33304
#1	-.001158	514.1615	.0034275	.0267478	-.000582	.0026574
#2	-.000596	520.9220	.0037402	.0146206	-.000606	.0012420
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0063278**	**.3753337**	**2.762844**	**.0025013**	**54.50811**	**.5528648**
Stddev	.0001067	.1326378	.014026	.0005388	.26558	.0030517
%RSD	1.686791	35.33862	.5076712	21.53887	.4872211	.5519777
#1	.0064033	.4691228	2.752926	.0021204	54.32032	.5507069
#2	.0062524	.2815447	2.772762	.0028823	54.69590	.5550227
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-11-g Acquired: 12/3/2021 17:11:39 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004958	F 1315.409	.0082385	-.000495	.0005887	.0034540
Stddev	.0000803	23.214	.0012796	.000167	.0020787	.0022406
%RSD	16.19554	1.764770	15.53179	33.81045	353.1121	64.86952
#1	.0004391	1298.994	.0091433	-.000377	.0020585	.0018697
#2	.0005526	1331.824	.0073337	-.000614	-.000881	.0050384
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.616356	.0053545	.4690337	.0020546	.0007137	.0014356
Stddev	.004931	.0009534	.0012698	.0004075	.0021344	.0005974
%RSD	.1884803	17.80546	.2707244	19.83437	299.0529	41.61337
#1	2.612869	.0060287	.4699315	.0017664	.0022229	.0010132
#2	2.619843	.0046804	.4681358	.0023427	-.000796	.0018580
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0461087
Stddev	.0000918
%RSD	.1992044
#1	.0461737
#2	.0460438
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-11-g Acquired: 12/3/2021 17:11:39 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1743.732	1305.280	6682.346	1286.008
Stddev	.600	.086	2.295	.140
%RSD	.0344025	.0065655	.0343516	.0108674
#1	1744.156	1305.219	6680.723	1285.909
#2	1743.308	1305.340	6683.970	1286.107

Sample Name: 500-208567-f-12-g Acquired: 12/3/2021 17:14:56 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000601	.1392900	-.001873	.1602074	.7553329	.0007231
Stddev	.000129	.0486876	.005270	.0011262	.0103223	.0002524
%RSD	21.50398	34.95417	281.3019	.7029771	1.366583	34.90973
#1	-.000693	.1048626	-.005600	.1594110	.7480340	.0005446
#2	-.000510	.1737173	.001853	.1610037	.7626318	.0009016
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000259	543.8230	.0034927	.0544836	-.000340	.0021450
Stddev	.003333	4.6487	.0001052	.0083401	.000282	.0006147
%RSD	1287.369	.8548133	3.010918	15.30747	82.82561	28.65586
#1	-.002615	540.5359	.0034184	.0485863	-.000141	.0017104
#2	.002098	547.1101	.0035671	.0603810	-.000539	.0025797
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042835	.1139357	2.701623	.0021867	65.96885	.7003838
Stddev	.0000388	.0011002	.038007	.0001549	.79200	.0086297
%RSD	.9053319	.9656060	1.406836	7.083211	1.200573	1.232138
#1	.0043109	.1131577	2.674747	.0022962	65.40881	.6942817
#2	.0042561	.1147136	2.728498	.0020771	66.52888	.7064859
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-12-g Acquired: 12/3/2021 17:14:56 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008244	F 1344.359	.0091920	-.001057	-.002071	.0015983
Stddev	.0000550	24.559	.0010090	.000759	.001571	.0057195
%RSD	6.666544	1.826793	10.97704	71.75988	75.88638	357.8523
#1	.0007856	1326.994	.0084786	-.001594	-.000960	-.002446
#2	.0008633	1361.725	.0099055	-.000521	-.003182	.005643
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.663924	.0021115	.4501528	.0012531	.0004444	.0010406
Stddev	.034881	.0009305	.0138767	.0002018	.0022249	.0006238
%RSD	1.309397	44.07059	3.082653	16.10028	500.7002	59.94582
#1	2.639259	.0027694	.4599651	.0011104	-.001129	.0014817
#2	2.688588	.0014535	.4403405	.0013958	.002018	.0005995
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0443138
Stddev	.0002558
%RSD	.5771928
#1	.0444946
#2	.0441329
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-12-g Acquired: 12/3/2021 17:14:56 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1720.212	1290.565	6893.431	1277.053
Stddev	12.237	14.434	147.962	.212
%RSD	.7113652	1.118404	2.146426	.0165776
#1	1728.865	1300.771	6788.806	1277.203
#2	1711.560	1280.359	6998.056	1276.903

Sample Name: 500-208567-f-13-g Acquired: 12/3/2021 17:18:10 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000779**	**.1299647**	**.0011311**	**.1626346**	**.6432316**	**-.000123**
Stddev	.000243	.0131623	.0015356	.0008545	.0185717	.000207
%RSD	31.19526	10.12757	135.7669	.5254374	2.887249	169.0765
#1	-.000607	.1206576	.0000452	.1632388	.6300994	-.000269
#2	-.000951	.1392718	.0022169	.1620303	.6563638	.000024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015872**	**510.6948**	**.0025664**	**.0420216**	**.0006012**	**.0025787**
Stddev	.0017792	13.6037	.0001881	.0331626	.0001413	.0013714
%RSD	112.0992	2.663772	7.331306	78.91782	23.49827	53.18101
#1	.0003291	501.0755	.0026995	.0185722	.0007011	.0035485
#2	.0028453	520.3141	.0024334	.0654711	.0005013	.0016090
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0038541**	**.3054176**	**1.344176**	**.0003824**	**83.10320**	**.8341015**
Stddev	.0001501	.0427759	.036570	.0001640	2.38996	.0194799
%RSD	3.894992	14.00571	2.720597	42.88809	2.875900	2.335434
#1	.0039603	.3356648	1.318317	.0002665	81.41324	.8203272
#2	.0037480	.2751705	1.370035	.0004984	84.79316	.8478759
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-13-g Acquired: 12/3/2021 17:18:10 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002730	F 1341.754	.0116114	-.000994	.0003944	.0018148
Stddev	.0001298	35.601	.0004501	.001990	.0020766	.0005698
%RSD	47.54999	2.653318	3.876549	200.2191	526.5726	31.39882
#1	.0001812	1316.581	.0119297	-.002401	.0018627	.0022178
#2	.0003648	1366.928	.0112931	.000413	-.001074	.0014119
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.403381	.0028654	.4232277	.0018380	-.000331	.0012951
Stddev	.001062	.0013081	.0065914	.0000035	.002391	.0014216
%RSD	.0441870	45.65346	1.557422	.1885823	722.4761	109.7659
#1	2.404132	.0019404	.4185668	.0018356	-.002022	.0023003
#2	2.402630	.0037904	.4278885	.0018405	.001360	.0002899
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0486509
Stddev	.0004308
%RSD	.8855806
#1	.0483463
#2	.0489556
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-13-g Acquired: 12/3/2021 17:18:10 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.667	1293.781	6589.730	1295.930
Stddev	.318	1.260	80.931	18.383
%RSD	.0184480	.0973707	1.228137	1.418486
#1	1722.891	1292.890	6646.956	1308.929
#2	1722.442	1294.672	6532.503	1282.932

Sample Name: 500-208567-f-14-g Acquired: 12/3/2021 17:21:26 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001675**	**.1249069**	**.0046166**	**.1550218**	**.4059689**	**-.001238**
Stddev	.000408	.0085423	.0043760	.0005913	.0028056	.000580
%RSD	24.32415	6.838952	94.78676	.3814351	.6910774	46.82994
#1	-.001387	.1188666	.0015224	.1554399	.4039851	-.001647
#2	-.001964	.1309473	.0077109	.1546037	.4079528	-.000828
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019827**	F **642.8146**	**.0015046**	**.0376085**	**.0020935**	**.0020389**
Stddev	.0011350	4.3587	.0001746	.0289869	.0002009	.0007148
%RSD	57.24373	.6780593	11.60745	77.07539	9.594833	35.05689
#1	.0011802	639.7325	.0013811	.0581053	.0019515	.0025443
#2	.0027853	645.8966	.0016281	.0171117	.0022356	.0015335
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0039746**	**.3463706**	**2.696515**	**.0028072**	**41.12302**	**1.516441**
Stddev	.0000749	.1287259	.012059	.0002647	.30564	.014402
%RSD	1.884922	37.16422	.4471891	9.427950	.7432214	.9497092
#1	.0040276	.4373936	2.687988	.0029943	40.90691	1.506257
#2	.0039216	.2553476	2.705042	.0026201	41.33914	1.526624
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-14-g Acquired: 12/3/2021 17:21:26 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020997	F 1362.305	.0122776	-.001116	-.000367	.0014917
Stddev	.0007587	9.427	.0000367	.002324	.000939	.0056586
%RSD	36.13491	.6919849	.2990356	208.1880	255.6880	379.3472
#1	.0015632	1355.639	.0122517	-.002760	-.001032	.0054929
#2	.0026362	1368.971	.0123036	.000527	.000297	-.002510
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.271676	.0039605	.5794850	.0001117	-.001504	.0009388
Stddev	.001425	.0011325	.0000029	.0001663	.000422	.0004620
%RSD	.0627289	28.59400	.0005041	148.9203	28.08753	49.21599
#1	2.270669	.0031597	.5794871	-.000006	-.001205	.0006121
#2	2.272684	.0047612	.5794830	.000229	-.001802	.0012655
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0093216
Stddev	.0001526
%RSD	1.637413
#1	.0094295
#2	.0092137
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-14-g Acquired: 12/3/2021 17:21:26 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1716.690	1288.176	6626.557	1276.372
Stddev	3.271	.484	.171	3.254
%RSD	.1905303	.0375877	.0025782	.2549607
#1	1719.003	1287.834	6626.436	1278.673
#2	1714.377	1288.518	6626.678	1274.071

Sample Name: 500-208567-f-15-g Acquired: 12/3/2021 17:24:43 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000460	.1307511	.0004872	.1541884	.3307117	.0012463
Stddev	.000186	.0037264	.0013684	.0010945	.0035190	.0003866
%RSD	40.51381	2.849964	280.8911	.7098516	1.064055	31.02352
#1	-.000592	.1281162	.0014548	.1534145	.3282235	.0015197
#2	-.000328	.1333860	-.000480	.1549624	.3332000	.0009729
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001261	F 634.6811	.0016356	.0378172	.0015273	.0011527
Stddev	.0038450	7.9631	.0000677	.0143283	.0003050	.0003723
%RSD	3048.808	1.254669	4.136234	37.88830	19.96888	32.29861
#1	.0028449	629.0503	.0015877	.0479488	.0017429	.0008895
#2	-.002593	640.3119	.0016834	.0276856	.0013116	.0014160
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046700	.2739426	2.734564	.0031091	42.15364	1.397520
Stddev	.0001963	.2539005	.032952	.0018439	.57595	.011966
%RSD	4.204418	92.68384	1.205019	59.30716	1.366316	.8562138
#1	.0045311	.4534774	2.711263	.0018052	41.74638	1.389059
#2	.0048088	.0944078	2.757865	.0044129	42.56090	1.405981
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-15-g Acquired: 12/3/2021 17:24:43 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022319	F 1363.519	.0138575	-.001568	-.000429	.0073724
Stddev	.0006824	9.778	.0004981	.002070	.001205	.0043512
%RSD	30.57458	.7171052	3.594451	132.0354	281.0356	59.01945
#1	.0017493	1356.605	.0142097	-.000104	.000423	.0042957
#2	.0027144	1370.433	.0135053	-.003031	-.001281	.0104492
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.167518	.0029919	.5513777	-.000660	-.000127	.0006873
Stddev	.001245	.0017027	.0002349	.000318	.001768	.0006199
%RSD	.0574616	56.91192	.0425955	48.19479	1392.868	90.20273
#1	2.166637	.0041959	.5515438	-.000435	-.001377	.0002489
#2	2.168399	.0017879	.5512117	-.000885	.001123	.0011256
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0112571
Stddev	.0000087
%RSD	.0774308
#1	.0112633
#2	.0112509
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-15-g Acquired: 12/3/2021 17:24:43 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.076	1289.809	6615.307	1257.166
Stddev	1.111	1.358	4.109	5.465
%RSD	.0645239	.1053115	.0621155	.4346812
#1	1721.861	1290.769	6618.212	1261.030
#2	1720.291	1288.849	6612.401	1253.302

Sample Name: 500-208567-f-16-g Acquired: 12/3/2021 17:27:59 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001741	.1117398	.0038972	.1512208	.4106176	.0008122
Stddev	.000061	.0507341	.0010300	.0005089	.0022253	.0004509
%RSD	3.501790	45.40380	26.43016	.3364960	.5419383	55.51720
#1	-.001784	.0758654	.0031689	.1515806	.4090441	.0004934
#2	-.001698	.1476143	.0046256	.1508609	.4121911	.0011311
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035207	F 625.3528	.0013314	.0189551	.0102442	.0021358
Stddev	.0013417	5.1674	.0001733	.0047053	.0005599	.0008483
%RSD	38.10766	.8263215	13.01212	24.82325	5.465432	39.71742
#1	.0044694	621.6989	.0014540	.0156280	.0106401	.0015359
#2	.0025720	629.0068	.0012089	.0222823	.0098483	.0027356
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046521	.1562867	3.232706	.0043428	44.28063	2.461020
Stddev	.0003162	.0224619	.007710	.0006278	.32063	.026983
%RSD	6.797297	14.37224	.2384872	14.45588	.7240804	1.096412
#1	.0044285	.1404037	3.227255	.0038989	44.05391	2.441940
#2	.0048757	.1721697	3.238158	.0047868	44.50735	2.480100
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-16-g Acquired: 12/3/2021 17:27:59 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013736	F 1373.684	.0149651	-.000821	.0007931	.0056778
Stddev	.0006305	6.775	.0006023	.002059	.0015331	.0027355
%RSD	45.90005	.4931904	4.024787	250.8516	193.3028	48.17848
#1	.0009278	1368.894	.0153910	.000635	-.000291	.0037435
#2	.0018194	1378.475	.0145392	-.002276	.001877	.0076121
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.945543	.0036792	.5393768	-.000638	.0006371	.0014037
Stddev	.007874	.0002825	.0011104	.000159	.0032664	.0002124
%RSD	.4047456	7.677664	.2058596	24.83350	512.6617	15.12967
#1	1.939975	.0034794	.5401619	-.000526	.0029468	.0012535
#2	1.951112	.0038789	.5385916	-.000750	-.001673	.0015539
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0112120
Stddev	.0001346
%RSD	1.200412
#1	.0113072
#2	.0111168
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-16-g Acquired: 12/3/2021 17:27:59 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.214	1298.129	6659.800	1263.202
Stddev	3.871	2.275	6.650	3.182
%RSD	.2241010	.1752744	.0998510	.2519169
#1	1729.951	1299.738	6655.097	1265.452
#2	1724.477	1296.520	6664.502	1260.952

Sample Name: 500-208567-f-17-g Acquired: 12/3/2021 17:31:16 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000713	.0961644	.0047986	.1622687	.6163722	.0001753
Stddev	.000872	.0510307	.0011041	.0008890	.0010794	.0003364
%RSD	122.2758	53.06606	23.00891	.5478576	.1751205	191.8678
#1	-.001330	.0600803	.0055793	.1616401	.6156090	-.000063
#2	-.000097	.1322485	.0040179	.1628973	.6171355	.000413
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033500	553.0471	.0023365	.0198404	.0165303	.0016928
Stddev	.0012785	2.2314	.0002279	.0246056	.0001845	.0001833
%RSD	38.16386	.4034659	9.754036	124.0177	1.116154	10.82861
#1	.0042541	551.4693	.0024977	.0372392	.0166607	.0018224
#2	.0024460	554.6249	.0021754	.0024416	.0163998	.0015632
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053582	.2991501	2.218970	.0046058	68.87691	2.774485
Stddev	.0001100	.0403914	.039011	.0008806	.05842	.025257
%RSD	2.053162	13.50206	1.758048	19.11873	.0848251	.9103196
#1	.0054360	.2705891	2.191385	.0052285	68.91823	2.756626
#2	.0052804	.3277112	2.246554	.0039831	68.83560	2.792344
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-17-g Acquired: 12/3/2021 17:31:16 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021370	F 1442.144	.0292710	-.001221	.0000474	.0039937
Stddev	.0003140	30.732	.0000718	.002755	.0002047	.0008179
%RSD	14.69333	2.130967	.2451629	225.6164	431.7570	20.47846
#1	.0019150	1420.413	.0292202	-.003170	-.000097	.0045721
#2	.0023590	1463.875	.0293217	.000727	.000192	.0034154
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.650888	.0041326	.4018314	.0013364	.0016195	.0009789
Stddev	.006817	.0009547	.0000463	.0001770	.0004863	.0000523
%RSD	.2571669	23.10275	.0115283	13.24393	30.02900	5.341475
#1	2.655708	.0048078	.4017987	.0014615	.0012756	.0009419
#2	2.646067	.0034575	.4018642	.0012112	.0019633	.0010159
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0237852
Stddev	.0000372
%RSD	.1565747
#1	.0237588
#2	.0238115
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-17-g Acquired: 12/3/2021 17:31:16 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1716.276	1293.936	6614.130	1248.548
Stddev	2.528	3.629	14.972	.538
%RSD	.1473013	.2804869	.2263673	.0431286
#1	1714.488	1291.369	6603.543	1248.167
#2	1718.064	1296.502	6624.717	1248.928

Sample Name: 500-208567-f-18-g Acquired: 12/3/2021 17:34:34 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001430**	**.1713151**	**.0025171**	**.1619173**	**.6761639**	**-.000111**
Stddev	.001349	.0319354	.0021575	.0014251	.0089111	.002090
%RSD	94.39382	18.64132	85.71518	.8801325	1.317884	1885.974
#1	-.000475	.1938969	.0009915	.1609096	.6698628	-.001589
#2	-.002384	.1487334	.0040427	.1629250	.6824650	.001367
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000216**	**509.9747**	**.0016804**	**.0370984**	**.0020765**	**.0024235**
Stddev	.0010675	8.7099	.0001608	.0048536	.0006393	.0014387
%RSD	4949.487	1.707917	9.567028	13.08306	30.78535	59.36301
#1	.0007764	503.8158	.0015667	.0336664	.0025285	.0014062
#2	-.000733	516.1335	.0017940	.0405305	.0016245	.0034408
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0835353**	**.3151807**	**1.907185**	**.0022324**	**74.02038**	**1.130276**
Stddev	.0018435	.0850075	.035906	.0020668	.96739	.020034
%RSD	2.206860	26.97105	1.882644	92.57919	1.306918	1.772502
#1	.0822318	.3752900	1.881796	.0007710	73.33633	1.116110
#2	.0848389	.2550713	1.932574	.0036939	74.70442	1.144442
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-18-g Acquired: 12/3/2021 17:34:34 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006045	F 1436.499	.0127609	-.000979	-.001499	.0063627
Stddev	.0003411	46.254	.0015462	.002742	.000141	.0015155
%RSD	56.42609	3.219937	12.11647	280.0921	9.393625	23.81839
#1	.0008457	1403.792	.0138542	-.002917	-.001400	.0074343
#2	.0003633	1469.206	.0116676	.000960	-.001599	.0052911
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.778518	.0046701	.4016177	.0022180	-.002147	.0017173
Stddev	.022508	.0003187	.0052471	.0001277	.001483	.0012108
%RSD	.8100683	6.825012	1.306501	5.757265	69.09802	70.50680
#1	2.762603	.0048954	.3979074	.0021277	-.003195	.0008611
#2	2.794434	.0044447	.4053280	.0023083	-.001098	.0025734
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0417341
Stddev	.0000696
%RSD	.1668916
#1	.0417833
#2	.0416848
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-18-g Acquired: 12/3/2021 17:34:34 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.609	1295.420	6691.121	1253.086
Stddev	7.963	8.497	53.920	10.154
%RSD	.4625205	.6559245	.8058442	.8103031
#1	1727.239	1301.429	6729.248	1260.266
#2	1715.978	1289.412	6652.994	1245.906

Sample Name: 500-208567-f-19-g Acquired: 12/3/2021 17:37:51 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001235**	**.2932612**	**-.000211**	**.1564888**	**.7026292**	**-.000137**
Stddev	.000483	.0188822	.003071	.0018909	.0089454	.000422
%RSD	39.08386	6.438691	1456.084	1.208318	1.273129	308.6970
#1	-.000893	.2799094	-.002382	.1551517	.6963038	.000162
#2	-.001576	.3066129	.001960	.1578258	.7089545	-.000436
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0039914**	**542.8317**	**.0011429**	**.0598513**	**-.000304**	**.0013656**
Stddev	.0023896	7.0933	.0001418	.0031980	.000311	.0012363
%RSD	59.86849	1.306720	12.40685	5.343192	102.1676	90.53261
#1	.0023017	537.8160	.0012432	.0621126	-.000084	.0004914
#2	.0056811	547.8474	.0010427	.0575899	-.000524	.0022398
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0042742**	**.3226700**	**1.743081**	**.0013074**	**62.55019**	**.3435988**
Stddev	.0001489	.0208074	.055168	.0003711	.83800	.0034834
%RSD	3.484681	6.448515	3.164950	28.38178	1.339728	1.013783
#1	.0041689	.3079569	1.704072	.0015698	61.95763	.3411357
#2	.0043795	.3373831	1.782090	.0010450	63.14275	.3460619
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-19-g Acquired: 12/3/2021 17:37:51 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005330	F 1424.195	.0083870	-.001515	.0003599	.0113038
Stddev	.0001814	35.969	.0000091	.000105	.0000053	.0081394
%RSD	34.03034	2.525561	.1086798	6.948159	1.465850	72.00617
#1	.0004047	1398.761	.0083806	-.001589	.0003637	.0055483
#2	.0006612	1449.629	.0083935	-.001441	.0003562	.0170592
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.002427	.0053766	.3789722	.0031125	.0014105	.0019090
Stddev	.018965	.0005854	.0016455	.0006153	.0035692	.0006282
%RSD	.6316716	10.88729	.4341889	19.76965	253.0474	32.90675
#1	2.989017	.0049627	.3801357	.0026774	.0039343	.0023532
#2	3.015838	.0057905	.3778087	.0035476	-.001113	.0014648
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0097198
Stddev	.0003911
%RSD	4.024226
#1	.0099964
#2	.0094432
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-19-g Acquired: 12/3/2021 17:37:51 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1737.081	1305.407	6657.096	1234.229
Stddev	5.927	5.935	20.042	8.222
%RSD	.3412310	.4546171	.3010613	.6661736
#1	1741.273	1309.603	6642.924	1240.043
#2	1732.890	1301.210	6671.267	1228.415

Sample Name: CCV Acquired: 12/3/2021 17:41:11 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4765962**	**49.12397**	**.4865718**	**.4681721**	**.5046000**	**.4619909**
Stddev	.0024506	.28779	.0113557	.0088201	.0054838	.0097776
%RSD	.5141798	.5858388	2.333807	1.883942	1.086759	2.116405
#1	.4748634	48.92048	.4785422	.4619354	.5007223	.4550771
#2	.4783290	49.32747	.4946015	.4744088	.5084776	.4689047
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4859842**	**25.50534**	**.4729827**	**.0263834**	**.5118101**	**.4941814**
Stddev	.0089540	.25098	.0074745	.0486636	.0076224	.0044410
%RSD	1.842457	.9840469	1.580285	184.4479	1.489300	.8986572
#1	.4796528	25.32787	.4676975	-.008027	.5064202	.4973216
#2	.4923157	25.68282	.4782680	.060794	.5171999	.4910411
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4826186**	**24.23157**	**52.35662**	**4.207169**	**24.03705**	**4.617555**
Stddev	.0015880	.16836	.33409	.032961	.33354	.055474
%RSD	.3290496	.6947971	.6381030	.7834440	1.387615	1.201376
#1	.4837415	24.11252	52.12039	4.183862	23.80120	4.578329
#2	.4814957	24.35062	52.59286	4.230476	24.27290	4.656781
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 12/3/2021 17:41:11 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4681367**	**26.20711**	**.5053778**	**.5044776**	**.4604533**	**.4687412**
Stddev	.0091351	.16023	.0065559	.0080362	.0089879	.0120270
%RSD	1.951378	.6114086	1.297236	1.592973	1.951958	2.565813
#1	.4616772	26.09381	.5007420	.4987951	.4540979	.4602368
#2	.4745962	26.32042	.5100135	.5101600	.4668086	.4772456
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.3721633**	**.5093768**	**.4871444**	**.4946085**	**.4831250**	**4.936243**
Stddev	.0040843	.0071750	.0014347	.0016311	.0087190	.021499
%RSD	1.097441	1.408594	.2945111	.3297799	1.804702	.4355238
#1	.3692753	.5043033	.4881589	.4957619	.4769597	4.951445
#2	.3750513	.5144503	.4861299	.4934551	.4892902	4.921041
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**.5337799**
Stddev	.0092938
%RSD	1.741125
#1	.5272082
#2	.5403516
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 12/3/2021 17:41:11 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2353.323	1613.213	8136.241	1316.318
Stddev	30.425	23.590	24.227	3.922
%RSD	1.292836	1.462302	.2977608	.2979336
#1	2374.836	1629.894	8119.110	1319.091
#2	2331.809	1596.533	8153.372	1313.545

Sample Name: CCB Acquired: 12/3/2021 17:44:17 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000181	.0599856	-.002679	.0008348	.0002562	.0006516
Stddev	.000956	.0330999	.002500	.0000822	.0000022	.0003192
%RSD	529.5237	55.17981	93.32434	9.842595	.8507317	48.98793
#1	.000496	.0833908	-.004446	.0008929	.0002577	.0008774
#2	-.000857	.0365804	-.000911	.0007767	.0002546	.0004259
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022898	.0165313	.0000448	.0195788	-.000118	-.000613
Stddev	.0013544	.0004169	.0001070	.0136813	.000038	.000547
%RSD	59.14842	2.521819	238.6879	69.87819	32.25880	89.28306
#1	.0013321	.0168261	-.000031	.0099047	-.000144	-.001000
#2	.0032475	.0162365	.000121	.0292530	-.000091	-.000226
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004992	F .2360414	.0628395	.0004004	-.051997	.0002234
Stddev	.0003569	.1212885	.0351832	.0000808	.067637	.0015961
%RSD	71.49726	51.38442	55.98905	20.18582	130.0785	714.5186
#1	.0007516	.3218053	.0379612	.0004576	-.004170	-.000905
#2	.0002468	.1502775	.0877178	.0003433	-.099823	.001352
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.2000000				
Low Limit		-.200000				

Sample Name: CCB Acquired: 12/3/2021 17:44:17 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000181	.1228408	.0002478	-.000748	.0009933	-.004431
Stddev	.0000935	.0016176	.0002223	.001864	.0000736	.004545
%RSD	517.6227	1.316824	89.71052	249.3452	7.409824	102.5774
#1	.0000842	.1216970	.0000906	.000571	.0010454	-.007644
#2	-.000048	.1239846	.0004050	-.002066	.0009413	-.001217
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010786	.0004526	.0000510	-.000240	-.000474	.0002511
Stddev	.000336	.0015300	.0000088	.000144	.001682	.0002117
%RSD	3.116597	338.0235	17.32590	60.13806	354.6443	84.30410
#1	-.010548	.0015345	.0000573	-.000342	-.001664	.0004007
#2	-.011024	-.000629	.0000448	-.000138	.000715	.0001014
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0001670
Stddev	.0000119
%RSD	7.116096
#1	.0001754
#2	.0001586
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 12/3/2021 17:44:17 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2710.204	1637.265	8434.759	1315.237
Stddev	35.747	22.457	15.948	.832
%RSD	1.318974	1.371631	.1890799	.0632753
#1	2684.927	1621.385	8423.482	1314.648
#2	2735.480	1653.144	8446.036	1315.825

Sample Name: 500-208567-f-20-k Acquired: 12/3/2021 17:47:33 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002021	.3328884	.0032558	.1513964	.7431238	-.000227
Stddev	.000050	.0583437	.0006648	.0007956	.0050013	.001723
%RSD	2.452837	17.52651	20.41832	.5254735	.6730131	758.2574
#1	-.001986	.3741436	.0027857	.1508339	.7466602	-.001445
#2	-.002056	.2916332	.0037259	.1519590	.7395873	.000991
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030429	F 617.8173	.0010790	.0473211	-.000668	.0032256
Stddev	.0038757	1.4187	.0001235	.0118007	.000174	.0009763
%RSD	127.3691	.2296309	11.44567	24.93738	26.00545	30.26841
#1	.0003024	618.8204	.0009916	.0389768	-.000791	.0039159
#2	.0057835	616.8141	.0011663	.0556655	-.000545	.0025352
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042956	.4859933	1.862865	.0027732	44.80266	.1021487
Stddev	.0006151	.0096136	.001435	.0000334	.08708	.0015133
%RSD	14.31885	1.978126	.0770503	1.204008	.1943610	1.481456
#1	.0047305	.4791955	1.863880	.0027968	44.74109	.1032188
#2	.0038606	.4927911	1.861850	.0027496	44.86424	.1010787
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-20-k Acquired: 12/3/2021 17:47:33 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000065**	F **1480.462**	**.0088002**	**.0004456**	**.0001537**	**.0001868**
Stddev	.001308	21.037	.0031031	.0011864	.0030792	.0008143
%RSD	2002.167	1.420981	35.26218	266.2537	2003.205	435.8381
#1	.000859	1465.586	.0066060	.0012846	.0023310	.0007626
#2	-.000990	1495.337	.0109945	-.000393	-.002024	-.000389
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.174635**	**.0051637**	**.4747391**	**.0059623**	**-.001112**	**.0019445**
Stddev	.030104	.0018785	.0100617	.0001002	.002425	.0003054
%RSD	.9482817	36.37876	2.119423	1.680787	218.1057	15.70801
#1	3.153348	.0064920	.4818538	.0060332	.000603	.0021605
#2	3.195922	.0038354	.4676244	.0058915	-.002826	.0017285
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.0099182**
Stddev	.0000364
%RSD	.3666150
#1	.0098925
#2	.0099439
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-20-k Acquired: 12/3/2021 17:47:33 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1720.409	1296.363	6720.953	1221.451
Stddev	15.322	9.418	117.497	2.254
%RSD	.8906095	.7265124	1.748224	.1845035
#1	1731.244	1303.022	6637.870	1219.858
#2	1709.575	1289.703	6804.037	1223.045

Sample Name: 208567-f-20-kSD@5 Acquired: 12/3/2021 17:50:52 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003626	.0832878	.0003050	.0331849	.1509539	-.000056	.0025573
Stddev	.0006843	.0349135	.0000128	.0002165	.0013492	.001154	.0016070
%RSD	188.7430	41.91913	4.198590	.6524515	.8938067	2079.072	62.83954
#1	-.000121	.1079754	.0003141	.0330318	.1499999	.000761	.0014210
#2	.000846	.0586002	.0002960	.0333380	.1519080	-.000872	.0036936
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	130.5271	.0000169	.0512540	-.000200	.0000600	.0018620	.1576105
Stddev	.8777	.0000774	.0130548	.000200	.0001130	.0002045	.1259218
%RSD	.6723901	457.9549	25.47080	99.99729	188.3811	10.98078	79.89430
#1	129.9066	-.000038	.0420229	-.000059	.0001399	.0017174	.0685703
#2	131.1477	.000072	.0604852	-.000342	-.000020	.0020065	.2466506
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3699635	-.000102	9.173044	.0200785	-.000327	307.5104	.0012342
Stddev	.0034340	.000310	.027671	.0019227	.000376	7.3213	.0002434
%RSD	.9281923	303.4205	.3016593	9.576085	115.1360	2.380828	19.72406
#1	.3675354	.000117	9.153478	.0187190	-.000061	302.3335	.0014063
#2	.3723917	-.000321	9.192611	.0214381	-.000593	312.6873	.0010620
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 208567-f-20-kSD@5 Acquired: 12/3/2021 17:50:52 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010278	-.001336	-.000358	.6322438	.0017928	.1033663	.0056580
Stddev	.0017579	.000861	.003540	.0020057	.0001943	.0001325	.0005168
%RSD	171.0369	64.41364	987.9559	.3172330	10.83672	.1282047	9.134479
#1	-.000215	-.000728	.002145	.6336620	.0019301	.1032725	.0052926
#2	.002271	-.001945	-.002861	.6308256	.0016554	.1034599	.0060234
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0013676	.0003441	.0025118
Stddev	.0009372	.0008577	.0001547
%RSD	68.52927	249.2667	6.159490
#1	.0020303	.0009505	.0026212
#2	.0007049	-.000262	.0024024
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2095.368	1470.648	7548.046	1285.815
Stddev	4.917	5.056	4.367	2.141
%RSD	.2346573	.3438073	.0578559	.1664891
#1	2098.845	1474.223	7551.134	1284.301
#2	2091.891	1467.073	7544.958	1287.328

Sample Name: 500-208567-f-20-I du Acquired: 12/3/2021 17:54:10 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000335	.2778734	.0013902	.1537481	.7479362	-.000336
Stddev	.000061	.0487108	.0013047	.0005247	.0018544	.002613
%RSD	18.33179	17.52985	93.84798	.3412617	.2479304	778.1630
#1	-.000292	.3123172	.0004677	.1541191	.7466249	-.002184
#2	-.000379	.2434297	.0023127	.1533771	.7492474	.001512
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020363	F 621.3005	.0011676	.0659104	-.000563	.0026226
Stddev	.0026834	2.2315	.0002112	.0006271	.000558	.0003908
%RSD	131.7795	.3591730	18.08911	.9515031	99.08185	14.90313
#1	.0039337	619.7226	.0013170	.0663539	-.000168	.0028990
#2	.0001388	622.8785	.0010183	.0654669	-.000957	.0023462
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040030	.1846209	1.855923	.0007901	45.08391	.1001050
Stddev	.0001216	.0001679	.020173	.0006498	.25194	.0022068
%RSD	3.037718	.0909374	1.086964	82.24484	.5588210	2.204478
#1	.0040890	.1845022	1.841658	.0003306	44.90576	.1016654
#2	.0039170	.1847397	1.870188	.0012495	45.26205	.0985445
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-20-I du Acquired: 12/3/2021 17:54:10 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011712	F 1472.799	.0076572	-.001221	-.001973	.0050879
Stddev	.0006658	19.493	.0000167	.000142	.003992	.0023870
%RSD	56.84800	1.323560	.2176479	11.60089	202.3170	46.91578
#1	.0016420	1459.015	.0076690	-.001321	-.004795	.0034000
#2	.0007004	1486.583	.0076454	-.001120	.000850	.0067758
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.163347	.0025250	.4803597	.0056235	.0003000	.0017431
Stddev	.003242	.0033084	.0089514	.0000013	.0002947	.0006185
%RSD	.1024846	131.0260	1.863472	.0230566	98.25794	35.48135
#1	3.161054	.0001856	.4740302	.0056226	.0000916	.0013058
#2	3.165639	.0048644	.4866893	.0056244	.0005084	.0021804
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0089184
Stddev	.0009266
%RSD	10.39016
#1	.0095737
#2	.0082632
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-20-l du Acquired: 12/3/2021 17:54:10 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1714.168	1294.210	6740.992	1220.711
Stddev	4.324	1.759	78.669	2.859
%RSD	.2522618	.1359096	1.167022	.2342340
#1	1717.225	1295.454	6796.619	1222.733
#2	1711.110	1292.966	6685.365	1218.689

Sample Name: 500-208567-f-20-m ms Acquired: 12/3/2021 17:57:25 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0542331	2.321687	.1060699	.9914313	1.233942	.0444483
Stddev	.0004043	.055238	.0016319	.0147473	.001077	.0013804
%RSD	.7454543	2.379226	1.538483	1.487471	.0872952	3.105673
#1	.0545189	2.360746	.1072238	.9810034	1.234703	.0454244
#2	.0539472	2.282628	.1049160	1.001859	1.233180	.0434722
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004989	F 618.0651	.0517593	.0105882	.5189977	.1893404
Stddev	.002213	2.0348	.0008026	.0499533	.0077341	.0017382
%RSD	44.36219	.3292138	1.550680	471.7813	1.490206	.9180293
#1	-.006554	619.5039	.0511918	.0459106	.5135288	.1905695
#2	-.003424	616.6264	.0523269	-.024734	.5244665	.1881113
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2542429	1.213207	13.39068	.1219126	53.42147	.5426396
Stddev	.0011591	.034354	.02217	.0001600	.11298	.0021301
%RSD	.4559114	2.831630	.1655804	.1312470	.2114928	.3925520
#1	.2550625	1.188915	13.40636	.1217994	53.50136	.5441458
#2	.2534232	1.237498	13.37500	.1220257	53.34158	.5411334
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-20-m ms Acquired: 12/3/2021 17:57:25 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9434381	F 1454.188	.5226449	.0986212	.5224729	.1020351
Stddev	.0156538	23.127	.0102462	.0037083	.0101278	.0046344
%RSD	1.659231	1.590359	1.960447	3.760185	1.938439	4.541991
#1	.9323692	1437.835	.5153998	.0959990	.5153114	.1053121
#2	.9545071	1470.541	.5298901	.1012434	.5296343	.0987581
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.164005	1.046178	1.335815	.9797176	.0863065	.4889280
Stddev	.136249	.017931	.001270	.0045610	.0003458	.0035477
%RSD	1.901848	1.713913	.0950727	.4655427	.4006198	.7256018
#1	7.067663	1.033500	1.334917	.9829427	.0860620	.4914366
#2	7.260348	1.058857	1.336713	.9764925	.0865510	.4864194
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.5691831
Stddev	.0102686
%RSD	1.804100
#1	.5619220
#2	.5764441
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-20-m ms Acquired: 12/3/2021 17:57:25 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1734.145	1315.500	6768.960	1203.869
Stddev	23.291	15.266	19.180	8.352
%RSD	1.343111	1.160461	.2833528	.6937695
#1	1750.615	1326.294	6755.398	1197.964
#2	1717.675	1304.705	6782.522	1209.775

Sample Name: lb2 500-630391/1-b Acquired: 12/3/2021 18:01:00 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007805	.2501047	-.000001	.1483006	.0213105	.0005922	-.004361
Stddev	.0003256	.0185690	.000950	.0006124	.0001244	.0000373	.000523
%RSD	41.71036	7.424496	72301.23	.4129413	.5836836	6.293606	11.99393
#1	.0005503	.2632349	-.000673	.1478676	.0213985	.0005659	-.004731
#2	.0010107	.2369744	.000670	.1487336	.0212226	.0006186	-.003991
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.540283	.0008868	.0342674	.0006831	.0059018	.0391676	2.363269
Stddev	.028450	.0000847	.0109431	.0002269	.0001535	.0006659	.125546
%RSD	1.119942	9.552736	31.93433	33.20636	2.601503	1.700032	5.312405
#1	2.520166	.0008269	.0265295	.0008435	.0057932	.0396384	2.274495
#2	2.560400	.0009467	.0420053	.0005227	.0060104	.0386968	2.452044
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3759222	.0002077	.4451601	.1056728	.0018624	2.266641	.0080264
Stddev	.0218640	.0012431	.0794664	.0008818	.0000438	.009316	.0014130
%RSD	5.816088	598.5023	17.85119	.8344637	2.351998	.4110263	17.60491
#1	.3604620	.0010867	.3889689	.1050493	.0018314	2.273229	.0090256
#2	.3913823	-.000671	.5013513	.1062964	.0018934	2.260053	.0070272
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: lb2 500-630391/1-b Acquired: 12/3/2021 18:01:00 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0895378	.0017347	.0001001	.7988526	.0021891	.0044154	.0042832
Stddev	.0015266	.0019520	.0002247	.0002824	.0005670	.0000027	.0000583
%RSD	1.704928	112.5291	224.4347	.0353500	25.90065	.0607301	1.362041
#1	.0906172	.0003544	.0002590	.7986530	.0025900	.0044173	.0042419
#2	.0884583	.0031149	-.000059	.7990523	.0017882	.0044135	.0043244
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.003136	.0048549	.5934488
Stddev	.000766	.0002239	.0003707
%RSD	24.41214	4.611717	.0624590
#1	-.002595	.0046965	.5931867
#2	-.003678	.0050132	.5937109
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2619.620	1603.045	8506.581	1319.575
Stddev	3.839	1.958	6.870	2.121
%RSD	.1465314	.1221553	.0807585	.1607378
#1	2616.906	1601.660	8511.438	1321.074
#2	2622.334	1604.430	8501.723	1318.075

Sample Name: 500-208567-f-4-g Acquired: 12/3/2021 18:04:12 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001616**	**.4057689**	**.0061859**	**.1724297**	**.4098863**	**.0022377**
Stddev	.000234	.0640166	.0017606	.0005327	.0280070	.0018702
%RSD	14.49747	15.77660	28.46148	.3089176	6.832866	83.57801
#1	-.001451	.3605024	.0074308	.1728064	.3900824	.0035601
#2	-.001782	.4510355	.0049410	.1720531	.4296902	.0009152
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002908**	F **935.8385**	**.0038442**	**.0460365**	**.0156964**	**.0042312**
Stddev	.000343	64.5110	.0000600	.0072406	.0002689	.0006589
%RSD	11.79012	6.893391	1.561169	15.72783	1.713283	15.57209
#1	-.003151	890.2223	.0038867	.0511564	.0155062	.0037653
#2	-.002666	981.4547	.0038018	.0409167	.0158865	.0046971
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0060680**	**.1464327**	**1.703491**	**.0039938**	**381.0737**	**6.097963**
Stddev	.0004938	.0402829	.102386	.0004061	27.5826	.419145
%RSD	8.138088	27.50952	6.010388	10.16806	7.238119	6.873529
#1	.0064172	.1749171	1.631093	.0037067	361.5699	5.801583
#2	.0057188	.1179484	1.775889	.0042810	400.5775	6.394343
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208567-f-4-g Acquired: 12/3/2021 18:04:12 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008212	24.34620	.0520255	.0064607	.0029493	.0038533
Stddev	.0006730	1.60788	.0001581	.0003049	.0002170	.0006356
%RSD	81.95219	6.604229	.3039455	4.719868	7.358747	16.49618
#1	.0012970	23.20926	.0519137	.0062451	.0027959	.0034038
#2	.0003453	25.48315	.0521373	.0066764	.0031028	.0043027
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.461203	.0036014	.4885251	-.003714	-.006189	.0020804
Stddev	.001004	.0004957	.0017482	.000613	.001180	.0004340
%RSD	.0407850	13.76361	.3578440	16.51682	19.05861	20.86066
#1	2.461913	.0039518	.4872890	-.003280	-.007024	.0017735
#2	2.460493	.0032509	.4897613	-.004148	-.005355	.0023873
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.1167770
Stddev	.0002626
%RSD	.2248890
#1	.1165913
#2	.1169627
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208567-f-4-g Acquired: 12/3/2021 18:04:12 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1831.778	1330.896	7031.627	1248.825
Stddev	.168	1.853	8.763	52.251
%RSD	.0091619	.1392464	.1246157	4.184023
#1	1831.897	1329.585	7037.823	1285.772
#2	1831.659	1332.206	7025.431	1211.878

Sample Name: lb 500-631111/2-c Acquired: 12/3/2021 18:07:43 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000158	.0403188	-.000177	.1080972	.0075050	.0001937	.0037518
Stddev	.000282	.0301884	.001050	.0000815	.0001534	.0011848	.0015088
%RSD	178.6692	74.87429	593.7409	.0753529	2.043497	611.7366	40.21546
#1	.000042	.0616653	.000565	.1081548	.0073965	-.000644	.0048187
#2	-.000358	.0189724	-.000919	.1080396	.0076134	.001031	.0026849
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2889898	.0001613	.0073904	-.000693	.0017122	.0036697	.1753547
Stddev	.0012982	.0001416	.0069861	.000017	.0011449	.0001147	.0196835
%RSD	.4492125	87.83431	94.52973	2.503928	66.86379	3.126415	11.22496
#1	.2899078	.0002614	.0024505	-.000706	.0025218	.0035885	.1614364
#2	.2880719	.0000611	.0123303	-.000681	.0009027	.0037508	.1892730
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2389029	.0000314	.0938167	.0007651	.0000338	958.6462	.0007169
Stddev	.0127279	.0003029	.0146189	.0005521	.0006121	19.1608	.0006331
%RSD	5.327639	965.0961	15.58245	72.16683	1808.894	1.998738	88.30988
#1	.2299029	.0002455	.1041538	.0003747	.0004666	945.0974	.0011646
#2	.2479029	-.000183	.0834795	.0011555	-.000399	972.1949	.0002693
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: lb 500-631111/2-c Acquired: 12/3/2021 18:07:43 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000932	-.001311	.0046116	.3011089	.0012834	.0003594	.0000426
Stddev	.000260	.001242	.0041497	.0002430	.0003332	.0000193	.0000231
%RSD	27.89410	94.77156	89.98314	.0806947	25.96478	5.357020	54.10284
#1	-.001116	-.002189	.0016773	.3009371	.0010478	.0003731	.0000263
#2	-.000748	-.000432	.0075458	.3012807	.0015191	.0003458	.0000589
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0014701	.0013941	.0076386
Stddev	.0037729	.0000783	.0002219
%RSD	256.6375	5.619916	2.904914
#1	-.001198	.0013387	.0074817
#2	.004138	.0014495	.0077955
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1987.519	1436.400	7179.874	1253.656
Stddev	.139	1.836	.884	7.232
%RSD	.0070067	.1278255	.0123188	.5768895
#1	1987.421	1435.101	7179.249	1258.770
#2	1987.618	1437.698	7180.500	1248.542

Sample Name: 500-208786-a-2-e@5 Acquired: 12/3/2021 18:11:05 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001656	91.18360	.0027094	.1255162	3.307934	.0039300
Stddev	.0011330	.61026	.0008674	.0016849	.023182	.0011160
%RSD	684.2621	.6692689	32.01573	1.342383	.7007969	28.39791
#1	-.000636	90.75208	.0033227	.1267076	3.291542	.0047191
#2	.000967	91.61512	.0020960	.1243248	3.324326	.0031408
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010710	257.7238	.0046672	.1570309	.0198981	.2256277
Stddev	.000046	1.7755	.0002667	.0048554	.0008359	.0007326
%RSD	.4307332	.6889307	5.714676	3.092008	4.200922	.3247054
#1	-.010677	256.4683	.0048558	.1604642	.0204892	.2261457
#2	-.010742	258.9793	.0044786	.1535976	.0193070	.2251096
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0416286	45.78258	4.746408	.0555435	19.60569	.4382091
Stddev	.0000269	.24618	.012117	.0002603	.04526	.0004741
%RSD	.0645998	.5377051	.2552910	.4686288	.2308757	.1081850
#1	.0416096	45.60851	4.737840	.0553595	19.63770	.4378739
#2	.0416476	45.95666	4.754976	.0557276	19.57368	.4385444
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208786-a-2-e@5 Acquired: 12/3/2021 18:11:05 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029786	7.435791	.0529016	.0569614	.0062391	-.001034
Stddev	.0004495	.022444	.0004656	.0029073	.0020381	.002338
%RSD	15.09088	.3018423	.8800215	5.104029	32.66611	226.0985
#1	.0026608	7.419920	.0532308	.0590172	.0076802	.000619
#2	.0032965	7.451662	.0525724	.0549056	.0047980	-.002687
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.054537	.0079023	F 2.136794	F 6.041236	.0014903	.1618814
Stddev	.114448	.0005163	.016999	.033434	.0024739	.0004128
%RSD	2.264260	6.533260	.7955405	.5534238	166.0048	.2550087
#1	5.135464	.0082673	2.148815	6.064877	.0032396	.1615895
#2	4.973610	.0075372	2.124774	6.017595	-.000259	.1621733
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass
High Limit			2.000000	3.000000		
Low Limit			-.005000	-.005000		

Elem	Zn2062
Units	ppm
Avg	5.647505
Stddev	.117588
%RSD	2.082117
#1	5.730652
#2	5.564358
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208786-a-2-e@5 Acquired: 12/3/2021 18:11:05 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2163.466	1641.168	8349.215	1360.809
Stddev	2.050	2.298	7.125	.898
%RSD	.0947763	.1400077	.0853360	.0660141
#1	2164.916	1642.792	8344.177	1360.174
#2	2162.016	1639.543	8354.253	1361.444

Sample Name: mb 500-631636/1-a Acquired: 12/3/2021 18:14:40 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003203	.0524892	.0003566	.0054408	.0012693	.0005668	-.003774
Stddev	.0004093	.0202281	.0006231	.0000639	.0002306	.0011506	.000753
%RSD	127.7751	38.53760	174.7316	1.174469	18.16658	202.9809	19.95989
#1	.0000309	.0381858	.0007972	.0053956	.0014324	.0013804	-.003241
#2	.0006097	.0667926	-.000084	.0054859	.0011063	-.000247	-.004306
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1350143	.0003134	.0014752	-.000179	.0002621	.0003198	.0496978
Stddev	.0111502	.0000471	.0002558	.000201	.0003246	.0000656	.0414713
%RSD	8.258554	15.01503	17.33771	112.3584	123.8524	20.53191	83.44690
#1	.1428987	.0003467	.0012944	-.000321	.0000326	.0003662	.0203732
#2	.1271299	.0002801	.0016561	-.000037	.0004916	.0002733	.0790225
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0377736	-.001022	-.006329	-.000285	.0005818	.2748594	-.000561
Stddev	.0023606	.000926	.097923	.002027	.0003655	.0012861	.000051
%RSD	6.249280	90.64098	1547.232	711.9857	62.81974	.4679144	9.022242
#1	.0361045	-.001677	.062913	.001149	.0003234	.2739500	-.000525
#2	.0394428	-.000367	-.075571	-.001718	.0008403	.2757688	-.000597
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: mb 500-631636/1-a Acquired: 12/3/2021 18:14:40 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000364	-.000434	-.002553	.0013298	-.000161	.0003442	.0016234
Stddev	.000434	.001176	.000920	.0008000	.000072	.0000328	.0002262
%RSD	119.3928	270.9141	36.04765	60.16106	44.51613	9.523902	13.93412
#1	-.000057	.000397	-.003204	.0018955	-.000111	.0003674	.0017834
#2	-.000671	-.001266	-.001902	.0007641	-.000212	.0003211	.0014635
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.002567	-.000238	.0031680
Stddev	.000558	.000335	.0001950
%RSD	21.75331	140.5022	6.156384
#1	-.002962	-.000002	.0030300
#2	-.002172	-.000475	.0033059
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2639.092	1618.364	8516.756	1288.865
Stddev	6.124	1.654	3.369	5.295
%RSD	.2320439	.1022005	.0395561	.4108478
#1	2643.422	1619.534	8519.138	1292.609
#2	2634.762	1617.195	8514.374	1285.121

Sample Name: lcs 500-631636/2-a Acquired: 12/3/2021 18:17:55 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0467984	1.985338	.0989388	.9263325	2.000353	.0440211	.4817874
Stddev	.0002989	.003008	.0001041	.0106508	.060409	.0012212	.0062246
%RSD	.6386491	.1515346	.1052368	1.149781	3.019898	2.774069	1.291981
#1	.0465870	1.983210	.0988652	.9338637	2.043068	.0448846	.4861889
#2	.0470097	1.987465	.0990125	.9188013	1.957637	.0431576	.4773859
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.977423	.0483966	.0094376	.5154655	.1955609	.2448029	1.045713
Stddev	.218998	.0004491	.0043322	.0074037	.0077329	.0060863	.126255
%RSD	2.194935	.9279806	45.90345	1.436306	3.954204	2.486209	12.07359
#1	10.13228	.0487141	.0125009	.5207007	.1900929	.2404993	1.134988
#2	9.82257	.0480790	.0063743	.5102304	.2010288	.2491066	.956437
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.53476	.5404035	9.360399	.4466440	1.028609	10.31346	.5203798
Stddev	.32242	.0160492	.242945	.0059676	.013119	.30862	.0084919
%RSD	3.060555	2.969861	2.595451	1.336110	1.275421	2.992443	1.631868
#1	10.76275	.5517520	9.532186	.4508637	1.037885	10.53169	.5263845
#2	10.30677	.5290550	9.188611	.4424242	1.019332	10.09523	.5143751
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: lcs 500-631636/2-a Acquired: 12/3/2021 18:17:55 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1008601	.5150303	.0872536	4.171837	1.059442	.9667524	1.013114
Stddev	.0019932	.0069443	.0009639	.047654	.010524	.0399180	.029696
%RSD	1.976192	1.348322	1.104677	1.142267	.9933477	4.129083	2.931113
#1	.1022695	.5199407	.0865720	4.205533	1.066884	.9385261	.992116
#2	.0994507	.5101200	.0879352	4.138141	1.052000	.9949786	1.034112
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0999135	.4854047	.5255316
Stddev	.0024065	.0148516	.0088517
%RSD	2.408547	3.059634	1.684329
#1	.1016151	.4749030	.5317907
#2	.0982119	.4959064	.5192725
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2447.482	1584.514	8478.450	1303.449
Stddev	28.227	14.205	189.876	26.740
%RSD	1.153317	.8964757	2.239508	2.051462
#1	2427.523	1574.470	8612.712	1284.541
#2	2467.442	1594.559	8344.188	1322.357

Sample Name: CCV Acquired: 12/3/2021 18:21:08 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4822810**	**48.57293**	**.4959293**	**.4812064**	**.5028618**	F **.4403964**
Stddev	.0016801	.46995	.0026161	.0038979	.0035380	.0006405
%RSD	.3483729	.9675194	.5275110	.8100313	.7035782	.1454326
#1	.4810929	48.24063	.4940795	.4784502	.5003601	.4399436
#2	.4834690	48.90524	.4977792	.4839627	.5053636	.4408493
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value						.5000000
Range						-10.0000%

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4999886**	**24.96583**	**.4866440**	**-.036399**	**.5306375**	**.4947497**
Stddev	.0031767	.09011	.0028191	.033755	.0030674	.0015907
%RSD	.6353540	.3609286	.5792880	92.73516	.5780663	.3215193
#1	.4977423	24.90211	.4846506	-.012531	.5284685	.4936249
#2	.5022349	25.02954	.4886374	-.060268	.5328065	.4958745
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4872966**	**23.53501**	**53.21445**	**4.309469**	**23.57604**	F **4.482971**
Stddev	.0011682	.08135	.01956	.037758	.05510	.029308
%RSD	.2397238	.3456671	.0367631	.8761602	.2337234	.6537589
#1	.4881226	23.47748	53.20061	4.282770	23.53708	4.462247
#2	.4864706	23.59253	53.22828	4.336168	23.61500	4.503695
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value						5.000000
Range						-10.0000%

Sample Name: CCV Acquired: 12/3/2021 18:21:08 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4794470	25.90937	.5223946	.5222006	.4736050	.4766256
Stddev	.0024953	.06632	.0022578	.0037182	.0011649	.0012330
%RSD	.5204572	.2559787	.4321933	.7120184	.2459713	.2586975
#1	.4776825	25.86247	.5207981	.5195715	.4744287	.4757538
#2	.4812114	25.95627	.5239911	.5248297	.4727812	.4774975
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .3803932	.5287949	.4872570	.4987390	.4942993	4.870523
Stddev	.0021435	.0020528	.0009013	.0000029	.0008373	.006854
%RSD	.5635008	.3882008	.1849720	.0005734	.1693803	.1407186
#1	.3788775	.5273433	.4878943	.4987370	.4937072	4.865677
#2	.3819089	.5302464	.4866197	.4987410	.4948913	4.875369
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	F .5518296
Stddev	.0018556
%RSD	.3362627
#1	.5505175
#2	.5531417
Check ?	Chk Fail
Value	.5000000
Range	10.00000%

Sample Name: CCV Acquired: 12/3/2021 18:21:08 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2308.715	1595.935	8155.387	1287.503
Stddev	10.204	5.890	2.624	10.691
%RSD	.4419787	.3690348	.0321811	.8303844
#1	2315.930	1600.100	8153.531	1279.943
#2	2301.499	1591.771	8157.242	1295.063

Sample Name: CCB Acquired: 12/3/2021 18:24:14 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006077	.0609188	-.000864	.0017408	.0004653	-.000101	.0006112
Stddev	.0005760	.0049666	.000839	.0002205	.0001287	.001264	.0008336
%RSD	94.78362	8.152792	97.07253	12.66617	27.66096	1248.901	136.3772
#1	.0010149	.0644307	-.000271	.0018968	.0005563	.000793	.0000218
#2	.0002004	.0574069	-.001457	.0015849	.0003743	-.000995	.0012007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000651	-.000032	.0099898	-.000258	.0009141	.0002389	.1510679
Stddev	.006089	.000056	.0001003	.000039	.0004658	.0007821	.0574584
%RSD	935.8554	175.9481	1.004056	15.02379	50.95781	327.3535	38.03481
#1	-.004956	.000008	.0099189	-.000231	.0012435	.0007919	.1916971
#2	.003655	-.000072	.0100607	-.000286	.0005847	-.000314	.1104387
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0710363	-.000877	-.042575	-.000107	-.000159	-.016974	.0003393
Stddev	.0172119	.000563	.026387	.000714	.000391	.006036	.0000844
%RSD	24.22974	64.21351	61.97909	665.5959	244.9139	35.56111	24.87740
#1	.0832070	-.001275	-.061233	-.000612	.000117	-.021242	.0003990
#2	.0588656	-.000479	-.023916	.000397	-.000436	-.012705	.0002796
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 12/3/2021 18:24:14 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007081	.0008548	-.000560	-.008734	.0005112	.0000770	-.000016
Stddev	.0011051	.0018286	.001269	.000483	.0009779	.0000228	.000023
%RSD	156.0600	213.9326	226.7209	5.533251	191.3071	29.63583	143.0355
#1	.0014895	-.000438	-.001457	-.009076	.0012027	.0000931	-.000032
#2	-.000073	.002148	.000338	-.008392	-.000180	.0000608	.000000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000123	.0005618	-.000036
Stddev	.000478	.0003456	.000012
%RSD	389.5385	61.51073	34.29889
#1	-.000461	.0008062	-.000027
#2	.000215	.0003174	-.000044
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2689.126	1633.557	8459.478	1272.362
Stddev	2.310	2.183	8.423	3.299
%RSD	.0859120	.1336447	.0995726	.2593145
#1	2690.759	1635.101	8465.434	1274.695
#2	2687.492	1632.014	8453.522	1270.029

Sample Name: 500-208657-d-1-b Acquired: 12/3/2021 18:27:50 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000539	.1149155	.0077514	.1768227	.0629875	-.000316	-.000651
Stddev	.000212	.0343024	.0001883	.0004388	.0008916	.001474	.000007
%RSD	39.32471	29.85011	2.428891	.2481731	1.415552	465.8558	1.090855
#1	-.000689	.0906601	.0076183	.1771330	.0623570	.000726	-.000656
#2	-.000389	.1391710	.0078845	.1765124	.0636180	-.001359	-.000646
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.44875	.0000837	-.010626	.0007045	.0004193	.0013449	1.378721
Stddev	.60183	.0001736	.010569	.0003343	.0006924	.0005230	.240656
%RSD	1.747019	207.4364	99.46740	47.44615	165.1485	38.89225	17.45503
#1	34.02320	-.000039	-.018099	.0004682	.0009088	.0017147	1.548890
#2	34.87431	.000206	-.003152	.0009409	-.000070	.0009750	1.208551
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.185868	.0088183	13.18688	.0514343	.0933467	135.7077	.0003499
Stddev	.057193	.0023658	.15372	.0005033	.0004399	2.2329	.0006736
%RSD	1.366323	26.82791	1.165721	.9785201	.4712484	1.645340	192.5038
#1	4.145427	.0104912	13.07818	.0510785	.0936577	134.1288	.0008263
#2	4.226310	.0071455	13.29558	.0517902	.0930356	137.2865	-.000126
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208657-d-1-b Acquired: 12/3/2021 18:27:50 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001345**	**.0012503**	**-.001583**	**4.199820**	**.0004286**	**.0977989**	**.0039293**
Stddev	.000003	.0020773	.005081	.006804	.0001935	.0001821	.0002584
%RSD	.2230112	166.1452	321.0104	.1620032	45.15245	.1862150	6.575353
#1	-.001347	-.000219	-.005175	4.204631	.0005654	.0979277	.0041120
#2	-.001343	.002719	.002010	4.195009	.0002917	.0976702	.0037466
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**.0009087**	**.0008913**	**.0061824**
Stddev	.0012891	.0000306	.0001787
%RSD	141.8694	3.434812	2.889873
#1	.0018202	.0009129	.0063087
#2	-.000003	.0008696	.0060560
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2259.745**	**1528.772**	**7901.912**	**1273.216**
Stddev	3.560	.568	6.732	3.325
%RSD	.1575420	.0371377	.0851924	.2611356
#1	2257.228	1528.370	7897.152	1275.566
#2	2262.262	1529.173	7906.672	1270.864

Sample Name: 500-208657-d-2-b Acquired: 12/3/2021 18:31:05 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002872	.0460450	.0113921	.3641650	.0828130	.0003508	-.001143
Stddev	.0002650	.0190377	.0013584	.0023146	.0001576	.0003141	.000715
%RSD	92.25093	41.34589	11.92403	.6355892	.1903365	89.53157	62.54101
#1	.0000999	.0325833	.0123526	.3658017	.0829244	.0005728	-.000638
#2	.0004746	.0595067	.0104315	.3625283	.0827015	.0001287	-.001649
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	88.86983	.0001732	.0214013	.0006935	.0020781	.0020929	.7400017
Stddev	.57368	.0000744	.0281355	.0000301	.0005470	.0003949	.0603627
%RSD	.6455273	42.92533	131.4666	4.343046	26.32181	18.86838	8.157104
#1	89.27549	.0001207	.0412961	.0006722	.0016913	.0018137	.6973188
#2	88.46418	.0002258	.0015065	.0007148	.0024648	.0023722	.7826846
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.026679	.0068584	80.06037	.0166747	.0002519	203.7438	.0020861
Stddev	.001844	.0001032	.30911	.0021958	.0003721	2.8981	.0007771
%RSD	.0909933	1.505218	.3860985	13.16852	147.7241	1.422402	37.25054
#1	2.025375	.0069314	80.27894	.0182274	.0005151	205.7930	.0015366
#2	2.027983	.0067854	79.84179	.0151220	-.000011	201.6945	.0026356
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208657-d-2-b Acquired: 12/3/2021 18:31:05 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000137	-.001543	-.001383	10.10210	.0007320	.3432280	.0048062
Stddev	.001134	.001344	.003705	.06387	.0002103	.0033827	.0003457
%RSD	828.2282	87.04962	267.9768	.6322897	28.73167	.9855463	7.193072
#1	-.000939	-.002494	-.004002	10.14727	.0008807	.3408361	.0045617
#2	.000665	-.000593	.001237	10.05693	.0005833	.3456199	.0050506
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0005020	.0015277	.0030613
Stddev	.0030758	.0001326	.0000906
%RSD	612.7035	8.679646	2.960904
#1	-.001673	.0016215	.0029972
#2	.002677	.0014340	.0031254
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2112.939	1466.413	7632.195	1273.068
Stddev	11.263	7.567	39.894	12.708
%RSD	.5330442	.5160167	.5227117	.9982345
#1	2104.975	1461.062	7660.405	1264.082
#2	2120.903	1471.763	7603.986	1282.054

Sample Name: 500-208657-d-3-b Acquired: 12/3/2021 18:34:19 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003488	.0153054	-.000134	-.000679	.0003731	.0004826	-.001056
Stddev	.0003192	.0308404	.000910	.000418	.0000961	.0010688	.000103
%RSD	91.51725	201.4998	677.2892	61.56046	25.75251	221.4655	9.795220
#1	.0001231	.0371129	-.000778	-.000975	.0004410	.0012384	-.000983
#2	.0005745	-.006502	.000509	-.000383	.0003052	-.000273	-.001130
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0491436	.0003171	.0023476	-.000221	.0012463	.0002613	.0362065
Stddev	.0069858	.0001876	.0017804	.000231	.0002099	.0000827	.1021652
%RSD	14.21504	59.18280	75.83774	104.4129	16.84450	31.64317	282.1739
#1	.0442039	.0001844	.0010887	-.000058	.0010979	.0002028	-.036035
#2	.0540833	.0004497	.0036065	-.000384	.0013948	.0003197	.108448
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0254936	-.000894	-.015953	.0002971	-.000092	.0987482	-.000900
Stddev	.0194821	.000226	.005271	.0002902	.000067	.0008884	.000507
%RSD	76.41977	25.30392	33.03878	97.69066	72.64310	.8996641	56.34605
#1	.0392695	-.000734	-.012226	.0005023	-.000045	.0993764	-.001258
#2	.0117176	-.001054	-.019680	.0000919	-.000140	.0981200	-.000541
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208657-d-3-b Acquired: 12/3/2021 18:34:19 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001375**	**.0003752**	**-.005442**	**.0045831**	**-.001393**	**.0001172**	**-.000117**
Stddev	.000135	.0003979	.003288	.0007881	.001089	.0000099	.000310
%RSD	9.830262	106.0365	60.41367	17.19592	78.20273	8.418073	264.7799
#1	-.001279	.0006566	-.007767	.0051404	-.002164	.0001103	.000102
#2	-.001470	.0000939	-.003117	.0040258	-.000623	.0001242	-.000336
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**-.001541**	**.0003568**	**.0013306**
Stddev	.001089	.0003919	.0000529
%RSD	70.67049	109.8287	3.979033
#1	-.000771	.0006339	.0013680
#2	-.002311	.0000797	.0012931
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2662.829**	**1636.374**	**8551.364**	**1294.708**
Stddev	3.864	4.619	5.437	8.506
%RSD	.1450924	.2822787	.0635828	.6570065
#1	2660.097	1633.108	8555.209	1300.723
#2	2665.561	1639.640	8547.519	1288.693

Sample Name: 500-208657-d-4-b Acquired: 12/3/2021 18:37:32 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000844**	**.0602310**	**.0038361**	**.1681142**	**.2455486**	**.0007963**	**-.003330**
Stddev	.000599	.0121549	.0014227	.0000410	.0052167	.0002561	.000659
%RSD	70.97006	20.18040	37.08704	.0244099	2.124526	32.15733	19.79848
#1	-.001268	.0688258	.0028301	.1681432	.2492374	.0006152	-.003796
#2	-.000421	.0516362	.0048421	.1680852	.2418598	.0009774	-.002864
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**323.2518**	**.0001712**	**.0006482**	**.0001090**	**.0024515**	**.0026064**	**.3389381**
Stddev	7.0935	.0000602	.0001952	.0009914	.0001492	.0000677	.2959548
%RSD	2.194418	35.16527	30.10678	909.4766	6.084890	2.597565	87.31822
#1	328.2677	.0002137	.0005102	-.000592	.0025570	.0026542	.1296665
#2	318.2360	.0001286	.0007862	.000810	.0023460	.0025585	.5482098
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.712657**	**.0608865**	**255.5700**	**.1025066**	**.0005173**	**69.62278**	**.0001122**
Stddev	.031601	.0011944	6.0686	.0029136	.0002967	1.56583	.0012936
%RSD	1.164963	1.961659	2.374532	2.842373	57.36770	2.249027	1153.541
#1	2.735002	.0617311	259.8611	.1045668	.0003074	70.72999	-.000803
#2	2.690311	.0600420	251.2788	.1004463	.0007271	68.51557	.001027
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208657-d-4-b Acquired: 12/3/2021 18:37:32 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005972	-.001116	.0005889	8.658560	.0011171	.9551278	.0022105
Stddev	.0000829	.001987	.0037282	.027480	.0019813	.0066966	.0000071
%RSD	13.87507	178.0712	633.1286	.3173755	177.3524	.7011184	.3187160
#1	.0006558	.000289	-.002047	8.639128	.0025181	.9503926	.0022056
#2	.0005386	-.002521	.003225	8.677991	-.000284	.9598630	.0022155
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0002792	.0013847	.0026829
Stddev	.0015670	.0003017	.0002081
%RSD	561.3099	21.78619	7.754764
#1	-.000829	.0015980	.0028301
#2	.001387	.0011714	.0025358
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2012.269	1408.988	7302.777	1258.379
Stddev	5.003	2.646	1.595	30.445
%RSD	.2486326	.1877930	.0218412	2.419394
#1	2015.807	1410.859	7303.905	1236.851
#2	2008.731	1407.117	7301.650	1279.907

Sample Name: 500-208657-d-5-b Acquired: 12/3/2021 18:40:50 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002368	.0118052	.0059594	.3933062	.0494677	-.000530	-.001374
Stddev	.0010113	.0509920	.0008746	.0014328	.0001200	.000198	.002497
%RSD	427.0768	431.9460	14.67606	.3642957	.2426436	37.38745	181.7824
#1	-.000478	-.024252	.0065779	.3922930	.0493828	-.000390	-.003139
#2	.000952	.047862	.0053410	.3943193	.0495525	-.000670	.000392
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	136.3340	.0000938	.0321544	-.000007	.0009903	.0013977	2.872744
Stddev	1.3817	.0000275	.0278394	.000015	.0002113	.0001880	.062062
%RSD	1.013445	29.27311	86.58046	201.1742	21.33633	13.44764	2.160390
#1	135.3570	.0001132	.0518399	-.000018	.0008409	.0012648	2.828859
#2	137.3110	.0000744	.0124690	.000003	.0011397	.0015306	2.916629
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.128850	.0059962	43.09206	.2023265	.0059631	37.55825	.0017370
Stddev	.019799	.0004915	.39937	.0019808	.0003221	.30892	.0004375
%RSD	.9300251	8.196628	.9267773	.9789961	5.401375	.8224983	25.18815
#1	2.114850	.0056486	42.80966	.2009259	.0061909	37.33981	.0020464
#2	2.142850	.0063437	43.37445	.2037271	.0057354	37.77669	.0014276
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208657-d-5-b Acquired: 12/3/2021 18:40:50 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003849	.0010086	-.004215	5.530615	.0007530	.2989807	.0040652
Stddev	.0011224	.0004784	.000757	.022043	.0005616	.0001457	.0000284
%RSD	291.5785	47.43239	17.95598	.3985708	74.58081	.0487388	.6975868
#1	.0011785	.0006703	-.004750	5.515028	.0003559	.2990837	.0040852
#2	-.000409	.0013468	-.003679	5.546202	.0011501	.2988777	.0040451
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000498	.0010619	.0032741
Stddev	.000516	.0003811	.0004210
%RSD	103.7551	35.88726	12.85854
#1	-.000133	.0013314	.0029764
#2	-.000863	.0007925	.0035718
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2233.058	1494.430	7837.739	1253.038
Stddev	6.431	3.623	1.900	1.282
%RSD	.2879768	.2424097	.0242398	.1022826
#1	2237.606	1496.992	7836.395	1253.944
#2	2228.511	1491.869	7839.082	1252.132

Sample Name: 500-208657-d-6-b Acquired: 12/3/2021 18:44:02 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000982**	**.2275794**	**.0007098**	**.2646414**	**.0368267**	**-.000708**	**-.004084**
Stddev	.000594	.0025057	.0012248	.0014572	.0000998	.001504	.002837
%RSD	60.44556	1.101003	172.5645	.5506366	.2710780	212.5077	69.45707
#1	-.001402	.2258076	.0015759	.2636110	.0368972	-.001771	-.006090
#2	-.000562	.2293512	-.000156	.2656718	.0367561	.000356	-.002078
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**108.7544**	**.0000610**	**.0212277**	**.0004078**	**.0013922**	**.0029532**	**.2360575**
Stddev	1.4818	.0001538	.0095468	.0000931	.0005877	.0002727	.0117337
%RSD	1.362511	252.3590	44.97316	22.83187	42.21203	9.233102	4.970718
#1	107.7066	.0001697	.0279783	.0004736	.0018078	.0027604	.2277605
#2	109.8022	-.000048	.0144771	.0003419	.0009767	.0031460	.2443545
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.004787**	**.0039485**	**31.90968**	**.0070553**	**.0050967**	**33.59777**	**.0054810**
Stddev	.057320	.0002969	.48448	.0000707	.0000146	.35742	.0003175
%RSD	1.907615	7.519438	1.518278	1.001917	.2871188	1.063822	5.793541
#1	2.964256	.0041584	31.56710	.0071053	.0051070	33.34503	.0057056
#2	3.045319	.0037385	32.25225	.0070053	.0050863	33.85050	.0052565
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208657-d-6-b Acquired: 12/3/2021 18:44:02 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046097	-.001149	-.000682	5.621090	.0016695	.2097132	.0064127
Stddev	.0014848	.003987	.000090	.028063	.0014383	.0003308	.0000769
%RSD	32.21112	346.9218	13.17933	.4992401	86.15109	.1577193	1.199466
#1	.0056596	-.003969	-.000619	5.601247	.0006525	.2094794	.0064671
#2	.0035597	.001670	-.000746	5.640934	.0026866	.2099471	.0063583
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.001796	.0012856	.0068587
Stddev	.000583	.0002319	.0001571
%RSD	32.46501	18.04032	2.290602
#1	-.002208	.0014496	.0067476
#2	-.001383	.0011216	.0069698
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2277.651	1508.203	7898.144	1261.879
Stddev	1.520	6.345	12.718	5.542
%RSD	.0667469	.4207283	.1610232	.4391536
#1	2278.727	1512.690	7907.137	1265.797
#2	2276.576	1503.716	7889.151	1257.960

Sample Name: 500-208657-d-7-b Acquired: 12/3/2021 18:47:13 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000810**	**.0846175**	**.0018816**	**.3164925**	**.0805805**	**.0005604**	**-.000973**
Stddev	.000190	.0164678	.0009430	.0061929	.0001924	.0003381	.001527
%RSD	23.48774	19.46145	50.11294	1.956732	.2387867	60.32641	156.8822
#1	-.000944	.0729730	.0012149	.3121134	.0807165	.0003213	-.002053
#2	-.000675	.0962620	.0025484	.3208715	.0804444	.0007994	.000106
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**164.0180**	**.0000082**	**.0297234**	**-.000262**	**.0010047**	**.0027031**	**4.805764**
Stddev	.6375	.0000437	.0189800	.000251	.0003126	.0004294	.034252
%RSD	.3886491	535.9309	63.85532	95.93457	31.11422	15.88636	.7127297
#1	163.5672	-.000023	.0431443	-.000084	.0012257	.0023994	4.781544
#2	164.4687	.000039	.0163025	-.000440	.0007836	.0030067	4.829984
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.120982**	**.0153538**	**73.13319**	**.5618410**	**.0103512**	**285.8273**	**.0034999**
Stddev	.018505	.0014303	.29032	.0011946	.0002634	3.2821	.0009239
%RSD	.3613600	9.315538	.3969748	.2126222	2.544230	1.148289	26.39756
#1	5.134067	.0143425	72.92791	.5626857	.0101650	283.5065	.0041532
#2	5.107896	.0163652	73.33848	.5609962	.0105374	288.1481	.0028466
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208657-d-7-b Acquired: 12/3/2021 18:47:13 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004066	.0012440	.0041813	6.785229	.0016566	.4719211	.0043031
Stddev	.0015357	.0003205	.0025587	.102923	.0005961	.0040542	.0000214
%RSD	377.7067	25.76610	61.19469	1.516873	35.98615	.8590813	.4980659
#1	.0014925	.0014707	.0059906	6.712451	.0012351	.4747878	.0042879
#2	-.000679	.0010174	.0023720	6.858006	.0020781	.4690543	.0043183
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.003397	.0022424	.0031051
Stddev	.000322	.0005540	.0003695
%RSD	9.478123	24.70533	11.90059
#1	-.003169	.0026341	.0028438
#2	-.003625	.0018507	.0033664
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2071.512	1452.950	7496.241	1243.429
Stddev	23.815	15.929	35.043	.059
%RSD	1.149655	1.096304	.4674744	.0047378
#1	2088.352	1464.213	7471.462	1243.470
#2	2054.672	1441.686	7521.020	1243.387

Sample Name: 500-208657-d-8-e Acquired: 12/3/2021 18:50:28 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000403**	**.0347050**	**-.000166**	**.1024978**	**.0811782**	**.0004659**	**-.002344**
Stddev	.000906	.0008509	.000986	.0002409	.0003221	.0003893	.002333
%RSD	224.8064	2.451855	595.1180	.2349942	.3967281	83.55922	99.55051
#1	-.001044	.0341033	.000531	.1023275	.0809505	.0007413	-.000694
#2	.000238	.0353067	-.000863	.1026681	.0814060	.0001906	-.003994
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**147.6091**	**.0003666**	**.0349803**	**-.000076**	**.0013989**	**.0042753**	**.2860529**
Stddev	2.1146	.0001277	.0071071	.000216	.0001438	.0002046	.1903285
%RSD	1.432567	34.82814	20.31743	283.7752	10.27917	4.785227	66.53614
#1	146.1138	.0002763	.0299549	.000077	.0012972	.0041307	.4206355
#2	149.1043	.0004569	.0400058	-.000229	.0015006	.0044200	.1514703
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.072721**	**.0069094**	**59.35540**	**.0051776**	**.0128283**	**114.2521**	**.0042986**
Stddev	.045102	.0001310	.90217	.0012800	.0006861	.9511	.0002174
%RSD	.8891029	1.896390	1.519954	24.72120	5.348730	.8324916	5.058148
#1	5.040830	.0068168	58.71746	.0042725	.0123431	113.5795	.0044524
#2	5.104613	.0070021	59.99333	.0060827	.0133135	114.9246	.0041449
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208657-d-8-e Acquired: 12/3/2021 18:50:28 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006611	-.000931	-.002770	4.014073	-.000356	.4069355	.0041591
Stddev	.0007211	.000702	.001097	.023535	.001045	.0010111	.0001583
%RSD	109.0761	75.46016	39.61758	.5863106	293.2840	.2484696	3.805345
#1	.0011710	-.001427	-.003546	3.997432	.000382	.4076505	.0040472
#2	.0001512	-.000434	-.001994	4.030715	-.001095	.4062206	.0042710
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.003191	.0011231	.0044832
Stddev	.000146	.0003275	.0000280
%RSD	4.588396	29.15793	.6254713
#1	-.003087	.0008915	.0045030
#2	-.003294	.0013546	.0044633
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2160.322	1471.719	7751.161	1255.363
Stddev	16.268	6.014	33.452	8.628
%RSD	.7530536	.4086292	.4315714	.6873157
#1	2171.825	1475.972	7727.507	1261.464
#2	2148.818	1467.467	7774.815	1249.262

Sample Name: 500-208657-d-8-eSD@5 Acquired: 12/3/2021 18:53:41 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006946	.0326686	.0012905	.0236477	.0191685	.0011761	-.001423
Stddev	.0009718	.0129926	.0014494	.0010571	.0001921	.0008140	.003060
%RSD	139.9035	39.77090	112.3109	4.470314	1.002260	69.21742	215.0021
#1	.0013818	.0234815	.0023154	.0243952	.0190327	.0017517	-.003587
#2	.0000075	.0418558	.0002656	.0229002	.0193044	.0006004	.000741
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.37092	.0001660	-.001039	.0001025	.0005048	.0009030	.2204805
Stddev	.36489	.0000590	.006317	.0001663	.0009144	.0002135	.0477595
%RSD	1.031602	35.52965	608.1796	162.2531	181.1458	23.63980	21.66155
#1	35.11290	.0001243	.003428	.0002201	.0011514	.0007521	.1867095
#2	35.62893	.0002077	-.005506	-.000015	-.000142	.0010540	.2542516
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.196341	.0003758	14.07447	.0021488	.0032231	26.66223	.0009489
Stddev	.003397	.0004687	.31610	.0016774	.0001454	.24926	.0002260
%RSD	.2839791	124.7104	2.245922	78.06005	4.509481	.9348801	23.81284
#1	1.193939	.0000444	13.85095	.0009627	.0031204	26.48598	.0007891
#2	1.198743	.0007072	14.29798	.0033349	.0033259	26.83848	.0011087
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208657-d-8-eSD@5 Acquired: 12/3/2021 18:53:41 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000930	.0003524	.0055647	.8763307	-.000882	.0980582	.0033607
Stddev	.001509	.0015385	.0012480	.0281394	.001557	.0003252	.0002798
%RSD	162.2743	436.6234	22.42775	3.211048	176.5390	.3315894	8.325431
#1	-.001998	.0014403	.0046822	.8962282	.000219	.0982881	.0031629
#2	.000137	-.000736	.0064471	.8564331	-.001983	.0978283	.0035585
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000870	.0001114	.0014988
Stddev	.001936	.0001116	.0001277
%RSD	222.4476	100.1312	8.521496
#1	-.002239	.0001903	.0015891
#2	.000499	.0000325	.0014085
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2433.489	1578.115	8178.852	1274.448
Stddev	4.303	5.485	13.084	2.088
%RSD	.1768147	.3475467	.1599703	.1637971
#1	2436.531	1581.993	8188.104	1275.924
#2	2430.446	1574.237	8169.600	1272.972

Sample Name: 500-208657-d-8-f du Acquired: 12/3/2021 18:56:55 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003931	.0743427	.0015272	.1016860	.0807297	.0009955	-.001908
Stddev	.0003379	.0375528	.0030306	.0000034	.0004946	.0010994	.000137
%RSD	85.95685	50.51317	198.4436	.0033170	.6126667	110.4324	7.161235
#1	.0006321	.0477888	-.000616	.1016836	.0803800	.0002181	-.001812
#2	.0001542	.1008966	.003670	.1016884	.0810794	.0017729	-.002005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	146.0469	.0001922	.0221788	.0003214	.0016616	.0050360	.2541720
Stddev	1.3133	.0001435	.0370810	.0004141	.0004382	.0002115	.1296863
%RSD	.8992222	74.66711	167.1914	128.8332	26.37002	4.199292	51.02306
#1	145.1183	.0002937	-.004041	.0000286	.0013517	.0048864	.1624699
#2	146.9755	.0000907	.048399	.0006143	.0019714	.0051855	.3458740
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.050223	.0070396	58.86261	.0049563	.0124939	113.6138	.0042075
Stddev	.040394	.0015618	.33521	.0000383	.0005028	.9165	.0012226
%RSD	.7998482	22.18622	.5694720	.7731320	4.024176	.8067170	29.05715
#1	5.021660	.0059353	58.62558	.0049292	.0121384	112.9658	.0050720
#2	5.078786	.0081440	59.09963	.0049834	.0128494	114.2619	.0033430
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208657-d-8-f du Acquired: 12/3/2021 18:56:55 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000984**	**.0016316**	**.0029274**	**3.989074**	**.0008926**	**.4096984**	**.0041326**
Stddev	.001438	.0040914	.0005741	.009650	.0010340	.0001636	.0001382
%RSD	146.2211	250.7588	19.61093	.2419233	115.8332	.0399374	3.343972
#1	-.002001	-.001261	.0033334	3.982250	.0001615	.4098141	.0040349
#2	.000033	.004525	.0025215	3.995898	.0016238	.4095827	.0042303
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**-.002437**	**.0009354**	**.0184653**
Stddev	.001330	.0000199	.0000049
%RSD	54.55999	2.127842	.0263514
#1	-.001497	.0009494	.0184619
#2	-.003378	.0009213	.0184688
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2162.655**	**1476.703**	**7671.392**	**1256.375**
Stddev	2.500	1.502	23.489	2.375
%RSD	.1155770	.1017037	.3061847	.1890757
#1	2164.422	1477.765	7654.783	1254.695
#2	2160.887	1475.641	7688.001	1258.054

Sample Name: CCV Acquired: 12/3/2021 19:00:08 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4849346**	**49.74360**	**.5060755**	**.4854784**	**.5126284**	F **.4471710**
Stddev	.0002168	.59208	.0087556	.0075569	.0041865	.0034121
%RSD	.0447129	1.190255	1.730101	1.556599	.8166722	.7630472
#1	.4850879	49.32494	.5122667	.4908220	.5096681	.4447582
#2	.4847812	50.16226	.4998844	.4801348	.5155887	.4495837
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value						.5000000
Range						-10.0000%

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5064927**	**25.46408**	**.4929846**	**.0254531**	**.5390826**	**.4983159**
Stddev	.0072249	.24405	.0070451	.0177918	.0091348	.0025073
%RSD	1.426457	.9584239	1.429064	69.90042	1.694512	.5031499
#1	.5116015	25.29151	.4979662	.0128724	.5455419	.5000888
#2	.5013840	25.63666	.4880029	.0380339	.5326233	.4965430
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4913867**	**23.54336**	**54.64625**	**4.399143**	**24.00694**	**4.553395**
Stddev	.0005699	.49294	.30439	.031936	.14566	.059089
%RSD	.1159671	2.093742	.5570112	.7259509	.6067472	1.297681
#1	.4917896	23.19480	54.43101	4.376561	23.90394	4.511613
#2	.4909838	23.89192	54.86148	4.421725	24.10994	4.595177
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 12/3/2021 19:00:08 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4853155	26.67611	.5315804	.5290472	.4780299	.4878671
Stddev	.0081437	.24104	.0111206	.0084237	.0038743	.0058167
%RSD	1.678020	.9035924	2.091994	1.592234	.8104657	1.192274
#1	.4910740	26.50567	.5394438	.5350036	.4807694	.4919801
#2	.4795571	26.84655	.5237169	.5230907	.4752903	.4837540
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .3841357	.5382628	.4899233	.5009902	.5029574	4.873740
Stddev	.0074454	.0094921	.0001390	.0000372	.0067688	.009792
%RSD	1.938211	1.763469	.0283721	.0074199	1.345793	.2009111
#1	.3894004	.5449747	.4900216	.5010164	.5077437	4.880663
#2	.3788711	.5315509	.4898250	.5009639	.4981712	4.866816
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	F .5619559
Stddev	.0101058
%RSD	1.798332
#1	.5691018
#2	.5548100
Check ?	Chk Fail
Value	.5000000
Range	10.00000%

Sample Name: CCV Acquired: 12/3/2021 19:00:08 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2298.334	1589.583	8157.650	1256.566
Stddev	32.626	16.916	10.223	1.690
%RSD	1.419553	1.064178	.1253232	.1344636
#1	2275.264	1577.621	8150.420	1257.761
#2	2321.404	1601.544	8164.879	1255.372

Sample Name: CCB Acquired: 12/3/2021 19:03:14 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004040	.0240938	-.001216	.0009661	.0005885	-.000003
Stddev	.0007595	.0225371	.001489	.0001211	.0000754	.000624
%RSD	188.0027	93.53923	122.4662	12.53924	12.80450	18271.72
#1	-.000133	.0081576	-.000163	.0010518	.0006418	-.000445
#2	.000941	.0400299	-.002269	.0008804	.0005352	.000438
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009501	.0024478	-.000027	.0060144	-.000032	.0002781
Stddev	.0018546	.0028671	.000116	.0285312	.000063	.0001591
%RSD	195.1929	117.1312	426.9189	474.3786	198.5154	57.21407
#1	-.000361	.0044751	.000055	.0261890	-.000076	.0003907
#2	.002261	.0004204	-.000110	-.014160	.000013	.0001656
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000646	F .3016878	.0713890	.0000498	.0457855	.0003637
Stddev	.000103	.0022259	.0274644	.0004003	.0770134	.0002475
%RSD	15.97821	.7378137	38.47145	804.3140	168.2048	68.02990
#1	-.000573	.3001138	.0908093	-.000233	-.008671	.0005387
#2	-.000719	.3032617	.0519688	.000333	.100242	.0001888
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.2000000				
Low Limit		-.200000				

Sample Name: CCB Acquired: 12/3/2021 19:03:14 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000270	-.016246	.0003292	-.000947	.0027580	-.001449
Stddev	.0004691	.011419	.0001025	.001032	.0012798	.002450
%RSD	1737.567	70.29015	31.12530	108.9599	46.40399	169.0633
#1	-.000305	-.024321	.0004016	-.001677	.0036630	-.003181
#2	.000359	-.008171	.0002567	-.000217	.0018530	.000283
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010956	.0007574	.0000741	-.000062	-.000420	.0011451
Stddev	.000923	.0011151	.0000077	.000196	.000397	.0000397
%RSD	8.425777	147.2226	10.34874	316.0780	94.67067	3.468668
#1	-.011608	-.000031	.0000795	-.000200	-.000700	.0011170
#2	-.010303	.001546	.0000686	.000076	-.000139	.0011731
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0001875
Stddev	.0000409
%RSD	21.83652
#1	.0001586
#2	.0002165
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 12/3/2021 19:03:14 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2687.919	1629.384	8474.041	1267.540
Stddev	7.566	3.942	26.718	6.422
%RSD	.2814981	.2419392	.3152897	.5066575
#1	2693.269	1632.171	8455.148	1272.081
#2	2682.568	1626.596	8492.933	1262.998

Sample Name: 500-208657-d-8-g ms Acquired: 12/3/2021 19:06:30 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0490047	2.028545	.1079483	1.051754	2.176154	.0468922	.5117995
Stddev	.0004426	.038279	.0003875	.002827	.005395	.0004908	.0012780
%RSD	.9031620	1.887020	.3589704	.2688237	.2479258	1.046681	.2497040
#1	.0493177	2.001478	.1076743	1.049755	2.172339	.0465451	.5108959
#2	.0486917	2.055612	.1082223	1.053753	2.179969	.0472392	.5127032
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.4710	.0501839	.0260902	.5343845	.2010039	.2650908	.9226165
Stddev	1.2229	.0000625	.0422443	.0012068	.0014192	.0001851	.1803081
%RSD	.7766169	.1246066	161.9162	.2258216	.7060496	.0698180	19.54313
#1	156.6063	.0502281	.0559614	.5335312	.2020074	.2652217	1.050114
#2	158.3358	.0501397	-.003781	.5352378	.2000004	.2649600	.795119
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.52987	.5916518	68.99681	.4592366	1.047555	126.5738	.5402235
Stddev	.03272	.0004781	.32391	.0067369	.004938	.3011	.0010885
%RSD	.1979316	.0808133	.4694551	1.466981	.4713976	.2378756	.2014927
#1	16.50674	.5913137	68.76777	.4544729	1.044063	126.3609	.5409932
#2	16.55301	.5919899	69.22585	.4640004	1.051047	126.7867	.5394539
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208657-d-8-g ms Acquired: 12/3/2021 19:06:30 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1023167	.5387638	.1038735	8.267367	1.112396	1.385491	1.054024
Stddev	.0020514	.0003809	.0026848	.022056	.001722	.001276	.000133
%RSD	2.004909	.0706938	2.584688	.2667891	.1548221	.0920683	.0126207
#1	.1008662	.5390331	.1057719	8.251771	1.113614	1.384589	1.053930
#2	.1037672	.5384945	.1019751	8.282964	1.111178	1.386393	1.054118
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0958004	.5082065	.5556189
Stddev	.0016026	.0005354	.0006897
%RSD	1.672835	.1053477	.1241325
#1	.0969336	.5085851	.5561066
#2	.0946672	.5078280	.5551312
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2112.399	1454.214	7601.110	1234.886
Stddev	.750	2.099	10.332	.154
%RSD	.0355148	.1443202	.1359277	.0125096
#1	2111.868	1455.698	7593.804	1234.776
#2	2112.929	1452.730	7608.416	1234.995

Sample Name: 500-208657-d-8-h msd Acquired: 12/3/2021 19:09:42 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0489559	2.022777	.1054237	1.039324	2.134787	.0440224	.5061182
Stddev	.0004158	.024312	.0004726	.003820	.021052	.0011115	.0040300
%RSD	.8494251	1.201914	.4483202	.3675264	.9861257	2.524947	.7962522
#1	.0486619	2.005586	.1057579	1.036623	2.119901	.0448083	.5089678
#2	.0492500	2.039968	.1050895	1.042025	2.149673	.0432364	.5032685
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.2146	.0497258	.0259405	.5309965	.2008625	.2614246	1.150684
Stddev	2.3045	.0002095	.0289043	.0000201	.0017193	.0004372	.092714
%RSD	1.465820	.4212365	111.4254	.0037812	.8559413	.1672392	8.057281
#1	155.5851	.0495777	.0055021	.5309823	.1996468	.2611155	1.085125
#2	158.8441	.0498739	.0463790	.5310107	.2020782	.2617337	1.216242
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.24719	.5838182	68.70366	.4534842	1.037645	124.9574	.5358548
Stddev	.11846	.0041733	1.23408	.0096869	.004440	1.2331	.0000292
%RSD	.7291175	.7148281	1.796236	2.136096	.4278849	.9868020	.0054393
#1	16.16343	.5808673	67.83103	.4466346	1.034506	124.0855	.5358342
#2	16.33095	.5867692	69.57629	.4603339	1.040785	125.8293	.5358754
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208657-d-8-h msd Acquired: 12/3/2021 19:09:42 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1029190	.5305651	.0954790	8.196634	1.102300	1.360440	1.046438
Stddev	.0003983	.0036797	.0046204	.018071	.001430	.000396	.000009
%RSD	.3869554	.6935432	4.839133	.2204640	.1297037	.0291336	.0008642
#1	.1026374	.5279632	.0987461	8.183856	1.103311	1.360721	1.046444
#2	.1032006	.5331671	.0922119	8.209411	1.101289	1.360160	1.046432
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0943133	.5034968	.5563725
Stddev	.0014372	.0019829	.0001923
%RSD	1.523900	.3938361	.0345592
#1	.0932970	.5048990	.5565085
#2	.0953295	.5020947	.5562365
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2126.138	1469.901	7661.798	1241.418
Stddev	.159	2.121	6.187	4.644
%RSD	.0074774	.1442668	.0807514	.3741102
#1	2126.251	1471.401	7666.173	1244.702
#2	2126.026	1468.402	7657.423	1238.134

Sample Name: 500-208657-d-9-b Acquired: 12/3/2021 19:12:52 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011156	.0492499	.0017048	.0006299	.0008316	-.001471	-.001539
Stddev	.0003297	.0291008	.0026851	.0004977	.0001534	.000517	.000113
%RSD	29.55181	59.08801	157.5047	79.01252	18.44930	35.11182	7.321311
#1	.0008825	.0698273	-.000194	.0009819	.0007231	-.001106	-.001459
#2	.0013488	.0286725	.003603	.0002780	.0009401	-.001837	-.001619
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0663219	.0002179	.0078372	-.000452	.0003606	.0003694	.1443048
Stddev	.0073189	.0002523	.0070964	.000250	.0002237	.0000005	.1097203
%RSD	11.03542	115.8089	90.54806	55.41818	62.03613	.1356927	76.03370
#1	.0714972	.0003963	.0028193	-.000275	.0005188	.0003697	.2218888
#2	.0611467	.0000395	.0128551	-.000629	.0002024	.0003690	.0667209
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0670085	-.001054	.1214721	.0012559	.0001597	.0825546	-.000813
Stddev	.0224361	.001227	.0122617	.0027530	.0001395	.0075843	.000080
%RSD	33.48241	116.3467	10.09425	219.2096	87.38468	9.186983	9.826672
#1	.0828732	-.001922	.1128018	.0032025	.0002584	.0879175	-.000756
#2	.0511438	-.000187	.1301424	-.000691	.0000610	.0771917	-.000869
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208657-d-9-b Acquired: 12/3/2021 19:12:52 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000439	-.000213	-.002562	.0063712	-.000464	.0003619	.0002302
Stddev	.000307	.000693	.000815	.0009676	.000940	.0000278	.0002083
%RSD	69.86804	325.2369	31.79983	15.18734	202.4670	7.672223	90.48927
#1	-.000222	.000277	-.003138	.0070554	.000200	.0003815	.0000829
#2	-.000656	-.000703	-.001986	.0056870	-.001129	.0003422	.0003775
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.002747	.0005206	.0015140
Stddev	.000164	.0002245	.0000880
%RSD	5.955233	43.11714	5.809838
#1	-.002631	.0006793	.0015762
#2	-.002862	.0003619	.0014518
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2673.762	1640.981	8615.054	1283.397
Stddev	8.677	2.329	35.669	18.243
%RSD	.3245220	.1419181	.4140290	1.421427
#1	2667.626	1642.628	8640.275	1270.497
#2	2679.897	1639.334	8589.832	1296.296

Sample Name: 500-208657-d-10-b Acquired: 12/3/2021 19:16:25 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000979**	**.0716360**	**.0056267**	**.3897355**	**.0499174**	**-.000142**	**-.002848**
Stddev	.000478	.0147788	.0010621	.0005890	.0005838	.000953	.001909
%RSD	48.79171	20.63042	18.87628	.1511186	1.169541	671.6209	67.03104
#1	-.001316	.0820862	.0048757	.3901520	.0495046	-.000816	-.001498
#2	-.000641	.0611858	.0063778	.3893191	.0503303	.000532	-.004198
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**137.4833**	**.0002659**	**.0107501**	**-.000049**	**.0004253**	**.0013631**	**2.980096**
Stddev	2.0063	.0001912	.0183209	.000285	.0000959	.0001667	.284164
%RSD	1.459328	71.92001	170.4248	583.9142	22.54779	12.22805	9.535395
#1	136.0646	.0004011	-.002205	.000153	.0003575	.0014809	2.779162
#2	138.9019	.0001307	.023705	-.000250	.0004931	.0012452	3.181031
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.137104**	**.0065010**	**43.12598**	**.2020447**	**.0060614**	**38.35169**	**.0011672**
Stddev	.048542	.0005435	.67809	.0017228	.0000046	.31346	.0003676
%RSD	2.271391	8.360391	1.572347	.8526871	.0757297	.8173355	31.49573
#1	2.102779	.0061167	42.64650	.2008265	.0060582	38.13004	.0009073
#2	2.171428	.0068853	43.60546	.2032629	.0060646	38.57334	.0014272
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208657-d-10-b Acquired: 12/3/2021 19:16:25 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005622	.0008140	.0005271	5.514775	.0007312	.3013805	.0043974
Stddev	.0016086	.0001358	.0019883	.009538	.0016806	.0006273	.0001007
%RSD	286.1300	16.68261	377.1804	.1729449	229.8378	.2081274	2.290617
#1	-.000575	.0009101	.0019331	5.508031	.0019195	.3018241	.0043261
#2	.001700	.0007180	-.000879	5.521519	-.000457	.3009370	.0044686
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.002285	.0009525	.0017110
Stddev	.000226	.0003344	.0000046
%RSD	9.903396	35.11166	.2687695
#1	-.002445	.0011890	.0017077
#2	-.002125	.0007160	.0017142
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2239.566	1491.888	7793.665	1240.478
Stddev	.815	2.001	8.226	1.333
%RSD	.0363907	.1341196	.1055505	.1074458
#1	2240.142	1493.302	7787.848	1241.420
#2	2238.989	1490.473	7799.482	1239.535

Sample Name: 500-208657-d-11-b Acquired: 12/3/2021 19:19:36 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000318**	**.0948978**	**.0019586**	**.0330158**	**.0513146**	**-.000158**	**-.003072**
Stddev	.000348	.0112646	.0000708	.0003451	.0000553	.002265	.000776
%RSD	109.3531	11.87028	3.614120	1.045257	.1076606	1435.938	25.26388
#1	-.000072	.0869325	.0019085	.0332599	.0512755	-.001759	-.002523
#2	-.000564	.1028631	.0020086	.0327718	.0513537	.001444	-.003620
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**82.83973**	**.0001444**	**.0101640**	**-.000265**	**.0011344**	**.0035397**	**.4165871**
Stddev	.84671	.0000242	.0141769	.000144	.0011774	.0004259	.1243072
%RSD	1.022110	16.73283	139.4816	54.49106	103.7892	12.03099	29.83942
#1	82.24102	.0001273	.0201885	-.000163	.0019669	.0038408	.3286887
#2	83.43845	.0001615	.0001394	-.000367	.0003019	.0032386	.5044855
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.564306**	**.0068549**	**33.88773**	**.1556517**	**.0040341**	**39.25899**	**.0011437**
Stddev	.023821	.0005718	.32741	.0001996	.0001820	.25183	.0006280
%RSD	1.522755	8.341761	.9661535	.1282107	4.511392	.6414568	54.91042
#1	1.547462	.0064506	33.65622	.1555106	.0039054	39.08092	.0006996
#2	1.581150	.0072593	34.11924	.1557928	.0041627	39.43706	.0015877
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208657-d-11-b Acquired: 12/3/2021 19:19:36 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001937**	**.0014914**	**-.001794**	**5.358294**	**.0008337**	**.1917356**	**.0056800**
Stddev	.000382	.0015523	.001352	.008064	.0003478	.0003413	.0001219
%RSD	19.71863	104.0845	75.35169	.1505031	41.71955	.1780094	2.145837
#1	-.001667	.0003937	-.000838	5.352592	.0005877	.1919769	.0057662
#2	-.002207	.0025890	-.002749	5.363996	.0010796	.1914943	.0055938
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**-.000835**	**.0009790**	**.0021621**
Stddev	.001081	.0000472	.0001017
%RSD	129.5627	4.825709	4.705179
#1	-.001599	.0010124	.0022340
#2	-.000070	.0009456	.0020901
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2296.185**	**1527.538**	**7964.317**	**1254.417**
Stddev	3.052	.926	10.991	3.497
%RSD	.1329106	.0606096	.1380063	.2787491
#1	2298.343	1528.192	7956.545	1256.890
#2	2294.027	1526.883	7972.089	1251.945

Sample Name: 500-208657-d-12-b Acquired: 12/3/2021 19:22:48 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000317**	**.0950974**	**.0064295**	**.1105026**	**.0309015**	**-.000172**	**-.003694**
Stddev	.000104	.0239307	.0003202	.0002775	.0000427	.000463	.000740
%RSD	32.84082	25.16439	4.979535	.2511426	.1383120	269.6577	20.03403
#1	-.000243	.1120190	.0066559	.1103064	.0309318	-.000499	-.003170
#2	-.000390	.0781759	.0062031	.1106989	.0308713	.000156	-.004217
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**260.6323**	**.0011253**	**.0230234**	**.0016558**	**.0011966**	**.0154890**	**1.060508**
Stddev	1.8922	.0000565	.0190179	.0002077	.0001033	.0002403	.026927
%RSD	.7260153	5.016870	82.60246	12.54403	8.631899	1.551777	2.539105
#1	259.2943	.0011652	.0364711	.0018027	.0012696	.0156589	1.041468
#2	261.9704	.0010854	.0095757	.0015089	.0011235	.0153190	1.079549
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.143339**	**.0173067**	**79.86403**	**.3662370**	**.0095723**	**13.55756**	**.0047759**
Stddev	.001675	.0016528	.03150	.0028158	.0001498	.03277	.0006949
%RSD	.1464636	9.550260	.0394359	.7688444	1.564977	.2416951	14.54921
#1	1.142155	.0161379	79.88630	.3642459	.0096782	13.58073	.0042846
#2	1.144524	.0184754	79.84176	.3682281	.0094664	13.53439	.0052673
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208657-d-12-b Acquired: 12/3/2021 19:22:48 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0170277	.0013802	-.003069	4.230582	-.000061	.5592153	.0030999
Stddev	.0003672	.0010602	.001497	.006071	.000873	.0004497	.0005230
%RSD	2.156484	76.81871	48.78302	.1434934	1441.334	.0804123	16.87090
#1	.0172873	.0021299	-.002011	4.226289	-.000678	.5595333	.0034697
#2	.0167680	.0006305	-.004128	4.234874	.000557	.5588973	.0027301
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000733	.0005440	.0035781
Stddev	.000455	.0004216	.0001191
%RSD	62.05384	77.49215	3.328674
#1	-.001054	.0008421	.0034939
#2	-.000411	.0002459	.0036624
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2169.265	1466.446	7692.987	1230.470
Stddev	3.371	.557	11.907	5.947
%RSD	.1553889	.0379856	.1547731	.4833327
#1	2171.648	1466.052	7701.406	1226.265
#2	2166.881	1466.839	7684.568	1234.675

Sample Name: 500-208657-d-13-b Acquired: 12/3/2021 19:25:59 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000576**	**.0853570**	**.0010613**	**.1122849**	**.0316007**	**.0000118**	**-.005604**
Stddev	.000966	.0430036	.0002755	.0004039	.0006096	.0004795	.000169
%RSD	167.6402	50.38095	25.95433	.3596935	1.929135	4064.055	3.010902
#1	-.001259	.1157651	.0008665	.1125705	.0311696	-.000327	-.005485
#2	.000107	.0549488	.0012561	.1119994	.0320318	.000351	-.005723
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**264.6893**	**.0010596**	**.0484508**	**.0020163**	**.0076184**	**.0157677**	**1.084384**
Stddev	.6938	.0002218	.0194832	.0003346	.0005383	.0000273	.134941
%RSD	.2621002	20.93494	40.21221	16.59537	7.065976	.1733185	12.44405
#1	264.1987	.0012165	.0622275	.0022530	.0072377	.0157484	.988966
#2	265.1798	.0009028	.0346742	.0017797	.0079990	.0157870	1.179801
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.167080**	**.0169885**	**80.35281**	**.3687934**	**.0104078**	**13.71421**	**.0089311**
Stddev	.011238	.0004165	.15469	.0023927	.0004646	.04190	.0001422
%RSD	.9629059	2.451748	.1925158	.6487960	4.463959	.3055540	1.592007
#1	1.175027	.0166940	80.24342	.3671015	.0100793	13.68458	.0090316
#2	1.159134	.0172830	80.46219	.3704853	.0107363	13.74384	.0088306
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208657-d-13-b Acquired: 12/3/2021 19:25:59 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199272	.0002645	-.001966	4.343109	.0008998	.5695539	.0032666
Stddev	.0004907	.0002902	.000289	.012709	.0017637	.0002014	.0005562
%RSD	2.462431	109.7150	14.68670	.2926260	196.0171	.0353550	17.02618
#1	.0195802	.0004698	-.002171	4.352096	.0021468	.5696963	.0036599
#2	.0202742	.0000593	-.001762	4.334123	-.000347	.5694115	.0028733
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000992	.0006800	.0045066
Stddev	.000995	.0002473	.0000646
%RSD	100.3627	36.37219	1.433832
#1	-.000288	.0005051	.0045523
#2	-.001696	.0008549	.0044609
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2147.326	1447.082	7674.044	1235.233
Stddev	1.325	6.942	1.412	11.772
%RSD	.0616931	.4796936	.0184021	.9530551
#1	2146.389	1442.173	7675.043	1226.909
#2	2148.263	1451.990	7673.046	1243.558

Sample Name: 500-208657-d-14-b Acquired: 12/3/2021 19:29:11 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001796	.0595159	.0035747	.0293625	.0827083	.0012995	-.003309
Stddev	.0001483	.0436053	.0020248	.0003174	.0008554	.0000498	.001999
%RSD	82.56204	73.26659	56.64242	1.080961	1.034247	3.831180	60.41901
#1	.0000748	.0286823	.0050064	.0295870	.0821035	.0013347	-.004722
#2	.0002845	.0903495	.0021429	.0291381	.0833132	.0012643	-.001895
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	91.60677	.0004550	.0267742	-.000244	.0017371	.0011623	7.446609
Stddev	1.27647	.0000525	.0141218	.000269	.0001170	.0000706	.145340
%RSD	1.393418	11.52736	52.74421	110.3302	6.732981	6.074806	1.951765
#1	90.70417	.0004921	.0167885	-.000054	.0018198	.0012122	7.343837
#2	92.50937	.0004179	.0367598	-.000434	.0016544	.0011124	7.549380
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8508469	.0029182	41.27458	.5383166	.0007673	5.682719	-.000622
Stddev	.0337851	.0008845	.44236	.0138991	.0000104	.065796	.000504
%RSD	3.970758	30.30964	1.071742	2.581960	1.349573	1.157819	80.97662
#1	.8269572	.0022928	40.96179	.5284884	.0007600	5.636194	-.000978
#2	.8747365	.0035436	41.58737	.5481447	.0007746	5.729243	-.000266
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208657-d-14-b Acquired: 12/3/2021 19:29:11 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001924**	**-.001990**	**-.003817**	**8.622903**	**-.000623**	**.1519850**	**.0040521**
Stddev	.000828	.000523	.006894	.006509	.002069	.0006819	.0001165
%RSD	43.01988	26.28131	180.6084	.0754840	332.0965	.4486434	2.873956
#1	-.001339	-.002360	-.008692	8.618301	.000840	.1524671	.0041344
#2	-.002510	-.001620	.001058	8.627506	-.002086	.1515028	.0039697
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**-.001320**	**.0007234**	**.0020600**
Stddev	.002202	.0001333	.0000797
%RSD	166.7985	18.43015	3.868600
#1	.000237	.0006291	.0021164
#2	-.002877	.0008177	.0020037
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2332.997**	**1550.241**	**8062.916**	**1240.349**
Stddev	3.480	3.979	52.863	11.192
%RSD	.1491814	.2566930	.6556309	.9023467
#1	2335.458	1547.427	8025.536	1248.263
#2	2330.536	1553.055	8100.295	1232.435

Sample Name: 500-208657-d-15-b Acquired: 12/3/2021 19:32:23 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000258**	**.1630795**	**.0004307**	**.0729213**	**.0675335**	**.0010795**	**-.001852**
Stddev	.000205	.0115361	.0029502	.0009070	.0008837	.0005027	.000575
%RSD	79.47223	7.073925	684.9977	1.243807	1.308516	46.56923	31.07288
#1	-.000403	.1549223	-.001655	.0735627	.0669086	.0014350	-.001445
#2	-.000113	.1712368	.002517	.0722800	.0681584	.0007240	-.002259
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**166.4924**	**.0012100**	**.0123527**	**.0003026**	**.0013464**	**.0072558**	**.3683435**
Stddev	1.4670	.0000625	.0330815	.0001384	.0004682	.0001253	.0172227
%RSD	.8811281	5.167311	267.8081	45.75300	34.77527	1.727252	4.675718
#1	165.4551	.0011658	-.011039	.0002047	.0016774	.0071672	.3805218
#2	167.5298	.0012542	.035745	.0004004	.0010153	.0073445	.3561652
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.407665**	**.0088357**	**67.89422**	**.6184275**	**.0032965**	**25.77044**	**.0201267**
Stddev	.013608	.0001958	.62379	.0069899	.0005541	.18226	.0002177
%RSD	.9667396	2.216318	.9187612	1.130268	16.80822	.7072354	1.081499
#1	1.398043	.0086973	67.45314	.6134850	.0029047	25.64157	.0202806
#2	1.417288	.0089742	68.33530	.6233701	.0036883	25.89932	.0199728
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208657-d-15-b Acquired: 12/3/2021 19:32:23 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089929	-.000512	-.002988	7.544125	-.000370	.4121215	.0050224
Stddev	.0002007	.002337	.003387	.000949	.001641	.0002745	.0001296
%RSD	2.231276	456.1964	113.3715	.0125782	443.2946	.0666173	2.581239
#1	.0091348	-.002164	-.005383	7.544796	-.001530	.4119274	.0051141
#2	.0088510	.001140	-.000593	7.543454	.000790	.4123156	.0049308
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.002467	.0009682	.0706767
Stddev	.000628	.0005619	.0000208
%RSD	25.46299	58.03616	.0294695
#1	-.002911	.0013655	.0706620
#2	-.002023	.0005709	.0706914
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2225.730	1495.364	7824.767	1239.816
Stddev	3.441	.973	16.446	4.437
%RSD	.1545945	.0650911	.2101727	.3579022
#1	2223.297	1494.676	7836.396	1236.679
#2	2228.163	1496.052	7813.138	1242.954

Sample Name: 500-208657-d-16-b Acquired: 12/3/2021 19:35:36 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003002	.0745540	.0086049	.2473830	.4255658	.0004986	-.000567
Stddev	.0011872	.0302953	.0022909	.0009932	.0031901	.0012259	.000140
%RSD	395.5126	40.63534	26.62370	.4014847	.7496176	245.8835	24.68185
#1	.0011397	.0959760	.0069849	.2480853	.4233101	-.000368	-.000666
#2	-.000539	.0531320	.0102248	.2466807	.4278216	.001365	-.000468
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	218.8009	.0001086	.0005942	.0001903	.0016554	.0033109	.2794004
Stddev	1.3420	.0000082	.0055822	.0001304	.0002091	.0002343	.0940180
%RSD	.6133637	7.521600	939.4502	68.53241	12.63083	7.077993	33.64991
#1	217.8519	.0001143	.0045414	.0000981	.0018032	.0034766	.2129196
#2	219.7498	.0001028	-.003353	.0002826	.0015076	.0031452	.3458811
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.176803	.0102164	102.3272	.5057258	.0007074	222.3450	.0013301
Stddev	.032927	.0017956	.2772	.0016387	.0001057	3.9591	.0002433
%RSD	1.036495	17.57571	.2708812	.3240320	14.94180	1.780616	18.29494
#1	3.153519	.0114861	102.1312	.5068845	.0007822	219.5454	.0011580
#2	3.200086	.0089467	102.5232	.5045670	.0006327	225.1445	.0015022
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208657-d-16-b Acquired: 12/3/2021 19:35:36 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015312	.0002391	-.002148	7.309295	.0006620	.5673204	.0037690
Stddev	.0006473	.0030835	.001782	.045440	.0003984	.0040222	.0000574
%RSD	42.27036	1289.566	82.94347	.6216802	60.17719	.7089774	1.523774
#1	.0019889	.0024195	-.003409	7.341426	.0003803	.5644763	.0037284
#2	.0010735	-.001941	-.000888	7.277164	.0009438	.5701645	.0038096
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000931	.0034717	.0029232
Stddev	.001580	.0003244	.0001616
%RSD	169.7452	9.342796	5.529576
#1	.000186	.0037011	.0028089
#2	-.002048	.0032424	.0030375
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2023.670	1425.217	7479.331	1250.118
Stddev	10.653	7.453	38.746	4.854
%RSD	.5264065	.5229484	.5180362	.3883029
#1	2016.138	1419.946	7506.728	1253.550
#2	2031.203	1430.487	7451.934	1246.685

Sample Name: CCV Acquired: 12/3/2021 19:38:54 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4638540**	**49.83035**	**.5079055**	**.4896608**	**.5193354**	**.4519223**
Stddev	.0365379	.68873	.0064882	.0064102	.0037329	.0037943
%RSD	7.877035	1.382158	1.277434	1.309112	.7187884	.8395964
#1	.4896903	49.34334	.5124933	.4941935	.5166958	.4492393
#2	.4380178	50.31736	.5033176	.4851281	.5219750	.4546053
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5107072**	**25.68311**	**.4967079**	**.0231562**	**.5439138**	**.4748743**
Stddev	.0090573	.13914	.0073454	.0032561	.0064542	.0374519
%RSD	1.773479	.5417528	1.478817	14.06133	1.186618	7.886693
#1	.5171117	25.58473	.5019019	.0208538	.5484776	.5013567
#2	.5043028	25.78150	.4915139	.0254585	.5393500	.4483918
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4689559**	**23.75260**	F **55.19832**	F **4.429468**	**24.17900**	**4.581862**
Stddev	.0383875	.19938	.19250	.022987	.22888	.028590
%RSD	8.185734	.8393964	.3487378	.5189475	.9466115	.6239913
#1	.4960999	23.61162	55.06220	4.413214	24.01716	4.561646
#2	.4418118	23.89358	55.33444	4.445722	24.34084	4.602078
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass
Value			50.00000	4.000000		
Range			10.00000%	10.00000%		

Sample Name: CCV Acquired: 12/3/2021 19:38:54 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4899531	26.97001	.5365529	.5356809	.4828627	.4945196
Stddev	.0066582	.11676	.0070802	.0089289	.0106219	.0142904
%RSD	1.358944	.4329160	1.319565	1.666836	2.199768	2.889760
#1	.4946612	26.88745	.5415593	.5419946	.4903735	.5046245
#2	.4852451	27.05257	.5315465	.5293672	.4753519	.4844147
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .3892358	.5454331	.4675470	.4768279	.5060640	4.664950
Stddev	.0058192	.0103017	.0373401	.0388932	.0053805	.377175
%RSD	1.495024	1.888719	7.986384	8.156644	1.063199	8.085296
#1	.3933506	.5527175	.4939504	.5043295	.5098685	4.931654
#2	.3851211	.5381487	.4411436	.4493262	.5022594	4.398247
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	F .5679612
Stddev	.0055731
%RSD	.9812509
#1	.5719020
#2	.5640204
Check ?	Chk Fail
Value	.5000000
Range	10.00000%

Sample Name: CCV Acquired: 12/3/2021 19:38:54 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2291.199	1585.884	8494.432	1251.732
Stddev	22.927	17.634	493.705	.317
%RSD	1.000654	1.111946	5.812107	.0253001
#1	2274.988	1573.414	8145.329	1251.508
#2	2307.411	1598.353	8843.534	1251.956

Sample Name: CCB Acquired: 12/3/2021 19:42:00 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003486	.0091629	.0016884	.0011213	.0002972	-.000291	.0025663
Stddev	.0001831	.0595502	.0011176	.0004043	.0001563	.000796	.0001208
%RSD	52.51077	649.9043	66.19198	36.05448	52.59021	273.5189	4.705701
#1	.0004781	-.032945	.0024787	.0014072	.0001867	.000272	.0026517
#2	.0002192	.051271	.0008982	.0008354	.0004078	-.000854	.0024810
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001364	.0001443	-.039424	-.000059	.0004725	-.000031	.1522397
Stddev	.004564	.0001816	.006149	.000569	.0004155	.000012	.1191331
%RSD	334.5426	125.8270	15.59617	967.6844	87.92702	38.42276	78.25360
#1	-.004591	.0002727	-.043771	-.000461	.0007663	-.000022	.2364795
#2	.001863	.0000159	-.035076	.000344	.0001787	-.000039	.0679999
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0685515	.0003498	.0119229	.0002510	-.000224	-.011298	-.000536
Stddev	.0071856	.0007380	.0076245	.0007569	.000172	.004730	.000226
%RSD	10.48210	211.0088	63.94819	301.5485	76.55350	41.86794	42.22086
#1	.0736325	-.000172	.0173142	-.000284	-.000103	-.007953	-.000376
#2	.0634705	.000872	.0065316	.000786	-.000345	-.014642	-.000696
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 12/3/2021 19:42:00 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001214	.0019820	-.000740	-.011161	.0010941	.0000576	-.000145
Stddev	.000978	.0034972	.002231	.000571	.0003171	.0000092	.000032
%RSD	80.58235	176.4468	301.6803	5.112309	28.98260	16.05697	22.29347
#1	-.000522	.0044550	-.002317	-.010757	.0008699	.0000641	-.000167
#2	-.001906	-.000491	.000838	-.011564	.0013184	.0000510	-.000122
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000570	.0009124	.0000877
Stddev	.001996	.0001688	.0000954
%RSD	350.2363	18.50569	108.8048
#1	.000841	.0010318	.0000202
#2	-.001981	.0007930	.0001552
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2700.283	1645.957	8525.094	1270.836
Stddev	3.721	5.699	29.299	5.472
%RSD	.1377904	.3462381	.3436803	.4305849
#1	2702.914	1649.987	8504.376	1266.967
#2	2697.652	1641.928	8545.811	1274.705

Sample Name: 500-208657-d-17-b Acquired: 12/3/2021 19:45:16 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005730	.0556040	-.001083	-.001749	.0004547	-.000361	-.003256
Stddev	.0005261	.0306926	.001171	.000483	.0002663	.000080	.000752
%RSD	91.81903	55.19860	108.1769	27.63202	58.56601	22.19304	23.08711
#1	.0002010	.0773070	-.000255	-.002090	.0002664	-.000418	-.003788
#2	.0009450	.0339010	-.001911	-.001407	.0006430	-.000305	-.002725
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0335566	.0002552	-.019082	-.000455	.0004383	.0003958	.0579459
Stddev	.0099200	.0000876	.026741	.000097	.0001045	.0005137	.1832767
%RSD	29.56185	34.34572	140.1336	21.22881	23.84120	129.7761	316.2893
#1	.0265421	.0003172	-.000174	-.000387	.0003644	.0007590	.1875421
#2	.0405710	.0001932	-.037991	-.000523	.0005122	.0000326	-.071650
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0385703	-.000383	.0213154	.0000020	.0003620	.0587851	-.000921
Stddev	.0058354	.000114	.0138164	.0000016	.0003236	.0006706	.000361
%RSD	15.12925	29.73068	64.81917	80.03511	89.37830	1.140787	39.18741
#1	.0344440	-.000303	.0310851	.0000031	.0005908	.0583110	-.001176
#2	.0426966	-.000464	.0115457	.0000009	.0001332	.0592593	-.000666
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208657-d-17-b Acquired: 12/3/2021 19:45:16 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000040**	**.0006891**	**-.002152**	**.0028867**	**-.001124**	**.0001073**	**-.000068**
Stddev	.000786	.0009969	.000520	.0009280	.000399	.0000073	.000081
%RSD	1987.859	144.6684	24.15404	32.14837	35.50014	6.823623	119.7264
#1	-.000595	-.000016	-.001784	.0035429	-.001406	.0001125	-.000125
#2	.000516	.001394	-.002519	.0022305	-.000842	.0001021	-.000010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**-.001910**	**.0004680**	**.0014428**
Stddev	.001355	.0003833	.0001260
%RSD	70.97159	81.90133	8.735488
#1	-.002868	.0007390	.0013536
#2	-.000951	.0001970	.0015319
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2649.952**	**1623.550**	**8483.871**	**1269.659**
Stddev	21.046	14.699	6.177	1.790
%RSD	.7942052	.9053857	.0728090	.1409544
#1	2664.834	1633.944	8479.503	1268.393
#2	2635.070	1613.156	8488.239	1270.924

Sample Name: 500-208500-e-1-a Acquired: 12/3/2021 19:48:51 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002764	.0196977	-.001734	.3374908	.1487575	-.000093	-.001968
Stddev	.0000300	.0180184	.001539	.0046151	.0009954	.000634	.000167
%RSD	10.86176	91.47501	88.74893	1.367482	.6691183	684.3871	8.492716
#1	.0002551	.0324386	-.002822	.3342274	.1480536	-.000541	-.002086
#2	.0002976	.0069567	-.000646	.3407542	.1494613	.000356	-.001850
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	63.02379	.0003480	.0131553	-.000089	.0010123	.0011873	.4389732
Stddev	.61406	.0003042	.0087335	.000001	.0000304	.0001058	.1311270
%RSD	.9743342	87.41310	66.38732	.8528451	3.005947	8.913438	29.87129
#1	62.58958	.0005631	.0193308	-.000089	.0009908	.0012621	.5316940
#2	63.45799	.0001329	.0069798	-.000090	.0010338	.0011125	.3462524
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.899299	.0228274	21.47906	.0180165	.0032895	25.01425	-.001098
Stddev	.029532	.0004537	.30076	.0012829	.0000735	.17481	.000097
%RSD	.5005997	1.987442	1.400243	7.120515	2.233261	.6988569	8.862501
#1	5.878416	.0225066	21.26639	.0171094	.0033415	24.89064	-.001167
#2	5.920181	.0231482	21.69173	.0189237	.0032376	25.13786	-.001029
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208500-e-1-a Acquired: 12/3/2021 19:48:51 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000509	-.000147	-.004572	6.670561	.0014534	.5249945	.0038674
Stddev	.000694	.002431	.002465	.053626	.0000703	.0023519	.0001082
%RSD	136.3576	1656.644	53.90721	.8039269	4.835482	.4479814	2.798143
#1	-.001000	.001572	-.006315	6.632642	.0014037	.5233315	.0037909
#2	-.000018	-.001865	-.002829	6.708481	.0015031	.5266576	.0039440
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000177	.0007344	.0054030
Stddev	.002682	.0001133	.0004408
%RSD	1514.420	15.42732	8.157733
#1	.001719	.0008145	.0050914
#2	-.002074	.0006542	.0057147
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2344.809	1548.717	8116.329	1251.256
Stddev	8.253	7.693	16.103	4.074
%RSD	.3519687	.4967129	.1984026	.3255771
#1	2350.645	1554.156	8127.715	1248.376
#2	2338.974	1543.277	8104.942	1254.137

Sample Name: 500-208500-e-2-a Acquired: 12/3/2021 19:52:02 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000968**	**.0336186**	**.0003365**	**.3305184**	**.1488868**	**.0011709**	**-.001179**
Stddev	.0000778	.0205283	.0014192	.0004618	.0017952	.0006366	.000890
%RSD	80.33042	61.06238	421.7460	.1397063	1.205730	54.37158	75.46272
#1	.0001518	.0481343	.0013400	.3301919	.1476174	.0007207	-.000550
#2	.0000418	.0191029	-.000667	.3308449	.1501562	.0016210	-.001808
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**63.03162**	**.0002809**	**.0086095**	**-.000144**	**.0007845**	**.0011393**	**.3600188**
Stddev	.96104	.0001028	.0004709	.000369	.0000667	.0002450	.0935115
%RSD	1.524699	36.61755	5.470002	256.0755	8.502277	21.50244	25.97407
#1	62.35206	.0002081	.0089425	-.000405	.0008317	.0013126	.4261415
#2	63.71118	.0003536	.0082765	.000117	.0007374	.0009661	.2938962
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.887900**	**.0230307**	**21.62460**	**.0178877**	**.0029025**	**24.95555**	**-.000552**
Stddev	.051421	.0003803	.40440	.0012155	.0000122	.31538	.000657
%RSD	.8733316	1.651362	1.870096	6.795078	.4210080	1.263769	119.1181
#1	5.851540	.0232997	21.33864	.0170282	.0029111	24.73255	-.001016
#2	5.924261	.0227618	21.91055	.0187472	.0028938	25.17856	-.000087
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208500-e-2-a Acquired: 12/3/2021 19:52:02 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001558**	**.0018093**	**-.003975**	**6.537579**	**-.000112**	**.5209395**	**.0041096**
Stddev	.000596	.0010828	.002584	.004270	.001263	.0005288	.0001337
%RSD	38.22292	59.84722	65.01484	.0653216	1125.472	.1015015	3.254440
#1	-.001137	.0025750	-.005802	6.534559	.000781	.5213134	.0042042
#2	-.001979	.0010436	-.002148	6.540599	-.001006	.5205656	.0040150
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**-.000802**	**.0000013**	**.0056715**
Stddev	.000350	.0000097	.0001715
%RSD	43.71286	778.7001	3.023391
#1	-.000554	.0000081	.0057927
#2	-.001050	-.000006	.0055502
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2365.867**	**1569.345**	**8122.284**	**1246.770**
Stddev	5.945	.169	20.378	2.169
%RSD	.2512720	.0108006	.2508887	.1739379
#1	2370.071	1569.225	8107.875	1248.304
#2	2361.664	1569.465	8136.693	1245.237

Sample Name: lcs 500-631622/2-a Acquired: 12/3/2021 19:55:14 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0535571	1.980947	.1061842	1.011868	.5145202	.0438150
Stddev	.0007176	.040798	.0010230	.004039	.0024895	.0018105
%RSD	1.339819	2.059515	.9633896	.3991582	.4838532	4.132066
#1	.0540645	2.009796	.1054608	1.009013	.5127599	.0450952
#2	.0530497	1.952099	.1069075	1.014725	.5162806	.0425348
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001253	9.924160	.0510739	.0055659	.5454722	.2031643
Stddev	.002351	.041319	.0001167	.0040878	.0020039	.0004947
%RSD	187.5940	.4163426	.2284170	73.44319	.3673694	.2434719
#1	-.002915	9.894943	.0511564	.0084563	.5440553	.2035141
#2	.000409	9.953376	.0509914	.0026754	.5468892	.2028146
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2576616	.9140502	11.60445	.1184282	8.995764	.4476709
Stddev	.0008498	.0871106	.06309	.0005843	.095797	.0036936
%RSD	.3298039	9.530174	.5436721	.4933920	1.064913	.8250793
#1	.2582625	.9756467	11.55984	.1188414	8.928025	.4450591
#2	.2570607	.8524537	11.64906	.1180150	9.063502	.4502827
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcs 500-631622/2-a Acquired: 12/3/2021 19:55:14 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9711298	F 1309.995	.5425672	.1011403	.5203310	.1078421
Stddev	.0025603	17.192	.0037451	.0007765	.0015656	.0004997
%RSD	.2636465	1.312362	.6902502	.7677602	.3008918	.4634121
#1	.9693194	1297.839	.5399191	.1016893	.5192239	.1081955
#2	.9729402	1322.152	.5452154	.1005912	.5214380	.1074887
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.399608	1.107024	.9182486	1.019816	.0892036	.5050308
Stddev	.011141	.005043	.0031510	.004570	.0028703	.0005954
%RSD	.2532357	.4555230	.3431548	.4480716	3.217726	.1178971
#1	4.391730	1.103458	.9160205	1.023047	.0871740	.5046098
#2	4.407486	1.110589	.9204767	1.016585	.0912332	.5054518
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.6232789
Stddev	.0017533
%RSD	.2813040
#1	.6220391
#2	.6245187
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: lcs 500-631622/2-a Acquired: 12/3/2021 19:55:14 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1902.054	1423.348	7073.968	1232.002
Stddev	2.628	2.695	10.938	.428
%RSD	.1381706	.1893570	.1546281	.0347065
#1	1903.912	1425.254	7066.234	1232.305
#2	1900.195	1421.443	7081.703	1231.700

Sample Name: 500-208725-f-17-e Acquired: 12/3/2021 19:58:30 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000457**	**.2279969**	**.0015178**	**.1502340**	**.5125138**	**-.000024**
Stddev	.000162	.0132967	.0026932	.0001221	.0042166	.000711
%RSD	35.54772	5.831982	177.4402	.0812791	.8227280	2999.610
#1	-.000572	.2185946	.0034222	.1501476	.5095323	-.000526
#2	-.000342	.2373991	-.000387	.1503203	.5154954	.000479
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0018295**	**158.4244**	**.0006643**	**.0110150**	**-.000533**	**.0014363**
Stddev	.0005314	1.3551	.0000056	.0314358	.000268	.0002668
%RSD	29.04891	.8553771	.8441863	285.3915	50.26220	18.57676
#1	.0014537	157.4662	.0006682	.0332435	-.000343	.0012476
#2	.0022053	159.3826	.0006603	-.011214	-.000722	.0016250
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0075812**	**.1908340**	**1.301140**	**.0002083**	**10.40962**	**.5741822**
Stddev	.0003037	.2877562	.010741	.0006589	.06881	.0061638
%RSD	4.006288	150.7887	.8255303	316.3291	.6609934	1.073490
#1	.0077960	-.012640	1.293545	-.000258	10.36097	.5698237
#2	.0073665	.394308	1.308736	.000674	10.45828	.5785406
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208725-f-17-e Acquired: 12/3/2021 19:58:30 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000367**	F **1338.402**	**.0115740**	**-.001186**	**-.000239**	**.0082699**
Stddev	.000811	12.189	.0014377	.000406	.000123	.0006420
%RSD	221.2213	.9107044	12.42181	34.19479	51.43661	7.763571
#1	-.000940	1329.783	.0105574	-.000899	-.000152	.0087239
#2	.000207	1347.021	.0125906	-.001473	-.000326	.0078159
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.250768**	**.0033548**	**.3177509**	**.0072812**	**.0004407**	**.0018354**
Stddev	.000158	.0006093	.0007300	.0001975	.0019223	.0008212
%RSD	.0037171	18.16269	.2297455	2.711959	436.2401	44.74318
#1	4.250880	.0029239	.3182671	.0071416	-.000919	.0024161
#2	4.250657	.0037856	.3172347	.0074208	.001800	.0012547
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.0322388**
Stddev	.0000207
%RSD	.0641524
#1	.0322242
#2	.0322535
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208725-f-17-e Acquired: 12/3/2021 19:58:30 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.118	1381.249	6938.598	1213.753
Stddev	6.556	.401	12.085	1.581
%RSD	.3564706	.0290056	.1741762	.1302942
#1	1843.754	1380.966	6930.052	1212.635
#2	1834.482	1381.533	6947.144	1214.871

Sample Name: 500-208725-f-18-e Acquired: 12/3/2021 20:01:48 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000197**	**.2651183**	**.0025463**	**.1554098**	**.5955089**	**.0015948**
Stddev	.000483	.0228034	.0013058	.0005076	.0001006	.0015388
%RSD	245.3341	8.601214	51.28260	.3266161	.0168900	96.48899
#1	-.000539	.2489939	.0034697	.1550509	.5954378	.0026828
#2	.000145	.2812428	.0016230	.1557687	.5955800	.0005067
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000218**	**144.5196**	**.0006767**	**.0095654**	**-.000387**	**.0015679**
Stddev	.001894	.5586	.0001986	.0203598	.000050	.0007974
%RSD	870.5245	.3865412	29.35074	212.8478	12.89150	50.85798
#1	-.001557	144.1245	.0008172	.0239620	-.000422	.0010041
#2	.001122	144.9146	.0005363	-.004831	-.000352	.0021318
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0044395**	**.2591272**	**.9074444**	**.0016574**	**9.646581**	**.5608389**
Stddev	.0004489	.0252977	.0125794	.0022157	.081019	.0054446
%RSD	10.11283	9.762635	1.386245	133.6831	.8398764	.9708034
#1	.0041220	.2412391	.9163393	.0032241	9.589292	.5569890
#2	.0047569	.2770154	.8985494	.0000907	9.703871	.5646889
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208725-f-18-e Acquired: 12/3/2021 20:01:48 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000463**	F **1351.921**	**.0096594**	**.0003685**	**-.002378**	**.0065987**
Stddev	.000677	15.901	.0001730	.0009704	.002498	.0039374
%RSD	146.2654	1.176165	1.791410	263.3278	105.0810	59.66931
#1	.000016	1340.677	.0095371	-.000318	-.004144	.0093828
#2	-.000941	1363.164	.0097818	.001055	-.000611	.0038145
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.202518**	**.0029003**	**.2710926**	**.0076186**	**-.000916**	**.0014724**
Stddev	.000611	.0013595	.0004480	.0000059	.002238	.0005302
%RSD	.0145308	46.87372	.1652430	.0769920	244.3268	36.01030
#1	4.202950	.0038616	.2714093	.0076144	.000666	.0010975
#2	4.202086	.0019390	.2707758	.0076227	-.002498	.0018474
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.0508482**
Stddev	.0001263
%RSD	.2482947
#1	.0509374
#2	.0507589
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208725-f-18-e Acquired: 12/3/2021 20:01:48 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.064	1384.205	6908.093	1214.580
Stddev	3.510	2.031	20.256	8.135
%RSD	.1903435	.1467303	.2932187	.6697653
#1	1846.546	1385.641	6893.770	1208.828
#2	1841.582	1382.769	6922.416	1220.333

Sample Name: 500-208725-f-19-e Acquired: 12/3/2021 20:05:05 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000051**	**.3943454**	**.0017388**	**.1552085**	**.4739861**	**.0001512**
Stddev	.001526	.0155529	.0002973	.0009523	.0057853	.0005079
%RSD	3002.953	3.943990	17.09729	.6135370	1.220566	335.8907
#1	.001028	.3833478	.0015286	.1545351	.4698953	-.000208
#2	-.001130	.4053430	.0019490	.1558818	.4780769	.000510
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003256**	**67.65567**	**.0004915**	**.0123092**	**-.000880**	**.0014768**
Stddev	.0007211	1.03185	.0001267	.0297798	.000258	.0004675
%RSD	221.4685	1.525153	25.77101	241.9309	29.27897	31.65573
#1	.0008355	66.92604	.0005811	.0333667	-.000698	.0011462
#2	-.000184	68.38530	.0004020	-.008748	-.001063	.0018073
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0039874**	**.1182566**	**1.211527**	**.0012604**	**9.280646**	**.1555915**
Stddev	.0004597	.1820946	.009467	.0003286	.006580	.0046742
%RSD	11.52840	153.9826	.7814390	26.07116	.0709018	3.004123
#1	.0036624	.2470169	1.204832	.0014927	9.285299	.1522864
#2	.0043124	-.010504	1.218221	.0010280	9.275994	.1588967
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208725-f-19-e Acquired: 12/3/2021 20:05:05 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001599	F 1293.734	.0069861	-.000418	.0003773	.0044202
Stddev	.0006733	40.105	.0012251	.000050	.0007379	.0014579
%RSD	421.0067	3.099948	17.53592	11.86739	195.5963	32.98355
#1	.0006360	1265.376	.0078524	-.000453	.0008991	.0054511
#2	-.000316	1322.093	.0061199	-.000383	-.000145	.0033893
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.375535	.0021906	.1610239	.0087494	-.001847	.0020129
Stddev	.013093	.0017999	.0000648	.0002181	.000385	.0004561
%RSD	.2992212	82.16609	.0402675	2.492855	20.84464	22.65957
#1	4.366277	.0034633	.1609780	.0085952	-.001575	.0023355
#2	4.384793	.0009178	.1610697	.0089037	-.002120	.0016904
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0351769
Stddev	.0000335
%RSD	.0951010
#1	.0351532
#2	.0352006
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208725-f-19-e Acquired: 12/3/2021 20:05:05 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.118	1404.502	6976.436	1221.210
Stddev	4.206	2.665	.086	7.869
%RSD	.2240858	.1897622	.0012278	.6443246
#1	1880.092	1406.387	6976.376	1226.774
#2	1874.143	1402.618	6976.497	1215.646

Sample Name: 500-208725-f-20-e Acquired: 12/3/2021 20:08:22 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000812**	**.1087607**	**-.000927**	**.1613443**	**.8399536**	**.0005829**
Stddev	.001096	.0014913	.000328	.0010046	.0052161	.0001020
%RSD	134.9687	1.371161	35.39901	.6226295	.6209992	17.50629
#1	-.000037	.1098152	-.000695	.1606340	.8362652	.0006551
#2	-.001586	.1077062	-.001159	.1620547	.8436419	.0005107
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001202**	**232.9112**	**.0009005**	**-.000323**	**-.000076**	**.0015990**
Stddev	.002942	1.5807	.0003152	.002507	.000386	.0003325
%RSD	244.7158	.6786513	34.99863	776.4282	511.1012	20.79484
#1	.000878	231.7935	.0006776	.001450	.000197	.0013639
#2	-.003283	234.0289	.0011233	-.002096	-.000348	.0018341
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0034832**	**.1848869**	**1.446028**	**-.000233**	**22.87895**	**.8654705**
Stddev	.0009392	.0490340	.039897	.000899	.00441	.0037647
%RSD	26.96251	26.52105	2.759078	386.0353	.0192797	.4349898
#1	.0041473	.1502147	1.417817	.000403	22.87583	.8628084
#2	.0028191	.2195592	1.474240	-.000869	22.88207	.8681325
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208725-f-20-e Acquired: 12/3/2021 20:08:22 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004943	F 1348.409	.0120406	.0050553	.0005437	.0065778
Stddev	.0005288	23.004	.0009864	.0002878	.0015970	.0040270
%RSD	106.9614	1.705985	8.192112	5.693879	293.7181	61.22191
#1	.0001205	1332.143	.0113432	.0048518	-.000586	.0094253
#2	.0008682	1364.675	.0127381	.0052588	.001673	.0037302
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.918581	.0026538	.4009712	.0039055	-.001416	.0010650
Stddev	.014763	.0004943	.0017823	.0000435	.000167	.0003050
%RSD	.3767509	18.62670	.4445047	1.114898	11.77366	28.63806
#1	3.908142	.0023043	.4022315	.0039363	-.001534	.0012806
#2	3.929020	.0030033	.3997109	.0038747	-.001298	.0008493
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0507010
Stddev	.0003807
%RSD	.7508436
#1	.0504318
#2	.0509702
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208725-f-20-e Acquired: 12/3/2021 20:08:22 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1815.970	1364.405	6870.787	1211.462
Stddev	2.892	.433	16.306	.558
%RSD	.1592711	.0317190	.2373245	.0460481
#1	1818.015	1364.711	6859.257	1211.856
#2	1813.924	1364.099	6882.317	1211.067

Sample Name: 500-208725-f-21-e Acquired: 12/3/2021 20:11:39 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000672	.1343325	.0042574	.1682783	.7587808	.0008926
Stddev	.000600	.0107038	.0010608	.0001002	.0337673	.0004589
%RSD	89.24962	7.968149	24.91582	.0595645	4.450203	51.41238
#1	-.000248	.1419012	.0035073	.1683492	.7349037	.0012171
#2	-.001096	.1267638	.0050075	.1682075	.7826578	.0005681
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004809	210.6482	.0008660	.0211308	-.000417	.0022590
Stddev	.0016862	9.4917	.0001940	.0229212	.000073	.0006616
%RSD	350.6665	4.505964	22.40565	108.4730	17.57722	29.28811
#1	-.000711	203.9365	.0007288	.0049231	-.000469	.0027268
#2	.001673	217.3599	.0010032	.0373385	-.000366	.0017912
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042120	.1188765	1.473235	.0002402	13.60514	.5944759
Stddev	.0001804	.1413362	.046273	.0009529	.79717	.0197111
%RSD	4.283187	118.8933	3.140882	396.6781	5.859331	3.315716
#1	.0040844	.0189368	1.440515	.0009141	13.04145	.5805380
#2	.0043396	.2188163	1.505954	-.000434	14.16882	.6084138
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208725-f-21-e Acquired: 12/3/2021 20:11:39 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003498**	F **1310.450**	**.0116052**	**.0012265**	**-.001468**	**.0007795**
Stddev	.0003407	56.162	.0007552	.0002682	.001264	.0018252
%RSD	97.39484	4.285714	6.507588	21.86607	86.09644	234.1657
#1	.0001089	1270.737	.0121392	.0010369	-.000574	-.000511
#2	.0005907	1350.162	.0110712	.0014161	-.002361	.002070
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.998374**	**-.000592**	**.4270150**	**.0044946**	**-.000342**	**.0018375**
Stddev	.001787	.001680	.0001014	.0000900	.001341	.0004524
%RSD	.0447052	283.7013	.0237430	2.002305	391.7897	24.61927
#1	3.999638	.000596	.4270867	.0045583	-.001290	.0021574
#2	3.997110	-.001780	.4269433	.0044310	.000606	.0015176
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.0466257**
Stddev	.0002580
%RSD	.5532584
#1	.0464433
#2	.0468081
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208725-f-21-e Acquired: 12/3/2021 20:11:39 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1815.919	1364.949	6860.923	1236.391
Stddev	5.056	1.112	9.552	34.134
%RSD	.2784373	.0814635	.1392249	2.760761
#1	1819.494	1364.162	6854.168	1260.527
#2	1812.344	1365.735	6867.677	1212.255

Sample Name: 500-208725-f-22-g Acquired: 12/3/2021 20:14:57 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000759	.4120360	.0061868	.1551287	.5898315	.0005657
Stddev	.000412	.0093548	.0001704	.0004055	.0018929	.0010628
%RSD	54.29150	2.270384	2.753764	.2614035	.3209239	187.8715
#1	-.001051	.4186509	.0063073	.1548420	.5884930	-.000186
#2	-.000468	.4054212	.0060663	.1554155	.5911700	.001317
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012978	108.1645	.0007213	.0089224	-.000038	.0016973
Stddev	.0001332	.4740	.0000416	.0308582	.000633	.0016413
%RSD	10.25986	.4382235	5.761529	345.8528	1680.770	96.70030
#1	.0013920	107.8293	.0007507	.0307424	-.000485	.0028579
#2	.0012036	108.4996	.0006919	-.012898	.000410	.0005367
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039276	.3810101	1.231256	.0004798	11.03959	.4737070
Stddev	.0003622	.1640323	.008325	.0004368	.10615	.0071441
%RSD	9.222053	43.05195	.6761046	91.02272	.9615410	1.508126
#1	.0041837	.4969985	1.225369	.0001710	10.96453	.4686554
#2	.0036715	.2650218	1.237142	.0007887	11.11465	.4787587
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208725-f-22-g Acquired: 12/3/2021 20:14:57 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000275	F 1332.929	.0098986	.0011434	-.000666	.0060720
Stddev	.000490	29.049	.0005213	.0006853	.001520	.0032650
%RSD	178.0757	2.179353	5.265969	59.93556	228.1712	53.77136
#1	.000071	1312.388	.0102672	.0016280	.000409	.0083807
#2	-.000622	1353.470	.0095301	.0006588	-.001741	.0037633
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.190855	.0045481	.2536173	.0083061	.0004037	.0023013
Stddev	.012402	.0007235	.0000817	.0002114	.0025097	.0004910
%RSD	.2389250	15.90730	.0322117	2.545725	621.6771	21.33647
#1	5.182085	.0040365	.2536750	.0084556	-.001371	.0026485
#2	5.199625	.0050597	.2535595	.0081566	.002178	.0019541
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0302485
Stddev	.0002156
%RSD	.7127474
#1	.0300960
#2	.0304009
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208725-f-22-g Acquired: 12/3/2021 20:14:57 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1852.286	1385.286	6915.057	1210.870
Stddev	7.633	4.139	5.234	3.491
%RSD	.4120948	.2988094	.0756861	.2882973
#1	1857.684	1388.213	6918.758	1208.401
#2	1846.889	1382.359	6911.356	1213.338

Sample Name: CCV Acquired: 12/3/2021 20:18:15 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4847633**	**49.14086**	**.5041051**	**.4842939**	**.5116574**	F **.4406410**
Stddev	.0028078	.40790	.0042589	.0017180	.0028058	.0038571
%RSD	.5792031	.8300580	.8448424	.3547521	.5483736	.8753291
#1	.4867487	48.85243	.5010936	.4830791	.5096735	.4379137
#2	.4827779	49.42929	.5071166	.4855088	.5136415	.4433684
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value						.5000000
Range						-10.0000%

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5072136**	**25.31766**	**.4909473**	**.0070934**	**.5385613**	**.5021750**
Stddev	.0006716	.19123	.0011304	.0027147	.0010641	.0012860
%RSD	.1324091	.7553413	.2302535	38.27004	.1975792	.2560935
#1	.5067387	25.18243	.4901480	.0090130	.5378089	.5030844
#2	.5076885	25.45288	.4917466	.0051739	.5393137	.5012656
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4908637**	**23.23229**	**54.35718**	**4.359500**	**23.58527**	**4.502226**
Stddev	.0006766	.05054	.13869	.019349	.19121	.032289
%RSD	.1378289	.2175436	.2551417	.4438313	.8107090	.7171794
#1	.4903853	23.19655	54.25912	4.345818	23.45007	4.479394
#2	.4913421	23.26803	54.45525	4.373181	23.72048	4.525058
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 12/3/2021 20:18:15 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4847950	26.80662	.5306037	.5319174	.4753165	.4875147
Stddev	.0016037	.12077	.0023016	.0030968	.0010620	.0001571
%RSD	.3307892	.4505347	.4337766	.5821913	.2234296	.0322248
#1	.4836610	26.72122	.5289762	.5297277	.4760675	.4876258
#2	.4859289	26.89202	.5322312	.5341072	.4745656	.4874036
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .3810628	.5412258	.4901574	.5028197	.4992561	4.890624
Stddev	.0002658	.0034467	.0006849	.0005028	.0029882	.003335
%RSD	.0697494	.6368362	.1397336	.0999852	.5985338	.0681943
#1	.3808749	.5387886	.4896731	.5031752	.4971431	4.888266
#2	.3812508	.5436630	.4906417	.5024642	.5013691	4.892983
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	F .5621421
Stddev	.0029107
%RSD	.5177799
#1	.5600839
#2	.5642002
Check ?	Chk Fail
Value	.5000000
Range	10.00000%

Sample Name: CCV Acquired: 12/3/2021 20:18:15 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2304.549	1595.898	8168.346	1269.979
Stddev	2.747	1.054	5.442	3.010
%RSD	.1191775	.0660221	.0666221	.2370002
#1	2306.492	1596.643	8164.498	1267.851
#2	2302.607	1595.153	8172.194	1272.108

Sample Name: CCVL Acquired: 12/3/2021 20:24:36 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0056588**	**.1920474**	**.0119261**	**.0511701**	**.0108085**	**.0038809**
Stddev	.0001724	.0271688	.0003560	.0006599	.0000138	.0008031
%RSD	3.047541	14.14695	2.985071	1.289695	.1273500	20.69377
#1	.0057807	.1728361	.0116744	.0516367	.0108182	.0033130
#2	.0055368	.2112586	.0121779	.0507034	.0107987	.0044488
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0527322**	**.1991261**	**.0019836**	**.0098444**	**.0050674**	**.0106775**
Stddev	.0006022	.0006795	.0002461	.0030342	.0001888	.0007876
%RSD	1.141974	.3412277	12.40619	30.82130	3.724872	7.376657
#1	.0523064	.1996065	.0018095	.0119899	.0049340	.0101205
#2	.0531580	.1986456	.0021576	.0076989	.0052009	.0112344
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0103725**	F **.3324612**	**.5857430**	**.0100059**	**.0977231**	**.0085448**
Stddev	.0003454	.0983671	.0002616	.0004989	.0413702	.0010004
%RSD	3.330161	29.58753	.0446626	4.986112	42.33415	11.70776
#1	.0106168	.4020172	.5859280	.0103587	.0684699	.0078374
#2	.0101283	.2629051	.5855580	.0096531	.1269763	.0092522
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		.2000000				
Range		30.00000%				

Sample Name: CCVL Acquired: 12/3/2021 20:24:36 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102063	1.159212	.0107988	.0063570	.0198288	.0099756
Stddev	.0003545	.009112	.0000582	.0013945	.0006676	.0010471
%RSD	3.473599	.7860284	.5392552	21.93656	3.366967	10.49704
#1	.0099556	1.152769	.0108400	.0073430	.0193567	.0092351
#2	.0104569	1.165655	.0107576	.0053709	.0203009	.0107160
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1789421	.0426895	.0052805	.0047911	.0096741	.0054717
Stddev	.0002526	.0003040	.0000134	.0002853	.0004575	.0003222
%RSD	.1411613	.7121861	.2530260	5.955034	4.728863	5.888865
#1	.1787635	.0429045	.0052900	.0049929	.0099976	.0052439
#2	.1791207	.0424746	.0052711	.0045894	.0093506	.0056995
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.0217797
Stddev	.0000199
%RSD	.0912183
#1	.0217657
#2	.0217938
Check ?	Chk Pass
Value	
Range	

Sample Name: CCVL Acquired: 12/3/2021 20:24:36 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2681.945	1651.508	8543.477	1270.789
Stddev	4.831	1.050	.437	7.836
%RSD	.1801393	.0635663	.0051180	.6166343
#1	2685.361	1652.251	8543.786	1276.330
#2	2678.529	1650.766	8543.168	1265.248

Sample Name: CCB Acquired: 12/3/2021 20:21:20 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006992	.0113108	.0004959	.0010916	.0005597	-.000330	.0029373
Stddev	.0002656	.0333851	.0009304	.0000503	.0000370	.000616	.0002339
%RSD	37.98709	295.1627	187.6307	4.610071	6.604546	186.5624	7.964816
#1	.0005114	-.012296	-.000162	.0010560	.0005335	.000105	.0031027
#2	.0008870	.034918	.001154	.0011272	.0005858	-.000766	.0027718
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058929	.0001174	-.018916	-.000169	.0000739	-.000101	.1997612
Stddev	.0110881	.0000727	.026074	.000437	.0000355	.000351	.1422064
%RSD	188.1587	61.90205	137.8421	258.1499	48.03406	347.8013	71.18821
#1	-.001948	.0001688	-.000479	-.000478	.0000990	-.000349	.3003163
#2	.013733	.0000660	-.037353	.000140	.0000488	.000147	.0992061
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0836522	.0004331	.0210064	-.000321	-.000269	.1136334	-.000289
Stddev	.0028809	.0011475	.0750635	.000517	.000057	.0073221	.000357
%RSD	3.443879	264.9465	357.3366	161.1850	21.23227	6.443645	123.5177
#1	.0856893	.0012446	.0740843	.000045	-.000310	.1084558	-.000542
#2	.0816151	-.000378	-.032072	-.000686	-.000229	.1188109	-.000037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 12/3/2021 20:21:20 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000362	.0004566	-.003474	-.011566	.0009907	.0000604	-.000127
Stddev	.001351	.0022828	.001699	.000976	.0005640	.0000160	.000103
%RSD	373.1250	499.9448	48.91925	8.442017	56.92593	26.48514	81.36174
#1	.000593	.0020708	-.002272	-.012256	.0013895	.0000491	-.000199
#2	-.001317	-.001158	-.004675	-.010875	.0005919	.0000717	-.000054
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000668	.0004071	.0001831
Stddev	.000239	.0002735	.0001658
%RSD	35.75339	67.18353	90.55225
#1	-.000499	.0002137	.0000659
#2	-.000837	.0006004	.0003003
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2708.949	1646.716	8539.081	1272.232
Stddev	4.942	1.618	10.168	14.266
%RSD	.1824299	.0982291	.1190710	1.121303
#1	2712.443	1647.860	8546.271	1262.144
#2	2705.454	1645.573	8531.892	1282.319

Sample Name: 208725-f-22-gSD@5 Acquired: 12/3/2021 20:28:12 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000441**	**.1331353**	**.0005274**	**.0348288**	**.1221399**	**.0003598**	**.0055978**
Stddev	.000374	.0183751	.0001463	.0010875	.0005436	.0008749	.0004317
%RSD	84.79232	13.80183	27.73160	3.122456	.4450319	243.1518	7.712722
#1	-.000177	.1461285	.0006308	.0355977	.1217555	-.000259	.0052925
#2	-.000705	.1201421	.0004240	.0340598	.1225243	.000978	.0059030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**22.66523**	**.0000790**	**.0126778**	**.0002741**	**.0010439**	**.0016089**	**.1546951**
Stddev	.25765	.0002273	.0154567	.0002636	.0000136	.0006603	.0916079
%RSD	1.136743	287.7961	121.9191	96.19957	1.299317	41.04255	59.21836
#1	22.48305	-.000082	.0236074	.0004605	.0010343	.0020758	.2194717
#2	22.84742	.000240	.0017483	.0000876	.0010535	.0011420	.0899185
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2623389**	**.0000749**	**2.349841**	**.0999630**	**.0002292**	**283.9178**	**.0019858**
Stddev	.0124980	.0010038	.043113	.0028760	.0001838	3.2647	.0007187
%RSD	4.764080	1340.935	1.834734	2.877102	80.21788	1.149863	36.19130
#1	.2711763	-.000635	2.380326	.0979293	.0003591	281.6093	.0014776
#2	.2535015	.000785	2.319355	.1019967	.0000992	286.2262	.0024940
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 208725-f-22-gSD@5 Acquired: 12/3/2021 20:28:12 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000392	.0004474	.0014770	1.087428	.0017838	.0541243	.0039252
Stddev	.000388	.0013082	.0032088	.008025	.0006765	.0000627	.0002886
%RSD	99.07757	292.4051	217.2459	.7380154	37.92580	.1157603	7.352398
#1	-.000117	-.000478	.0037460	1.093103	.0022622	.0540800	.0041293
#2	-.000666	.001372	-.000792	1.081753	.0013055	.0541686	.0037211
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000628	.0006658	.0065625
Stddev	.000552	.0004016	.0000417
%RSD	87.91670	60.31754	.6361043
#1	-.000238	.0009498	.0065920
#2	-.001018	.0003818	.0065330
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2181.354	1515.310	7724.279	1246.053
Stddev	10.362	6.078	4.898	.928
%RSD	.4750418	.4011157	.0634096	.0744721
#1	2188.681	1519.608	7727.742	1246.709
#2	2174.027	1511.012	7720.816	1245.396

Sample Name: 500-208725-f-22-h du Acquired: 12/3/2021 20:31:30 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000104**	**.3721316**	**.0021479**	**.1554268**	**.5833923**	**.0004482**
Stddev	.000370	.0105957	.0019949	.0006583	.0115438	.0006919
%RSD	353.9025	2.847299	92.87552	.4235701	1.978738	154.3833
#1	.000157	.3796239	.0007373	.1549613	.5752296	.0009375
#2	-.000366	.3646393	.0035585	.1558923	.5915550	-.000041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000167**	**106.9250**	**.0008938**	**-.000216**	**-.000842**	**.0013856**
Stddev	.000948	2.1195	.0000727	.017356	.000366	.0002866
%RSD	569.0790	1.982185	8.128456	8029.956	43.44097	20.68437
#1	-.000837	105.4263	.0009452	-.012489	-.001100	.0015882
#2	.000504	108.4237	.0008424	.012056	-.000583	.0011829
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0043090**	**.4029662**	**1.168259**	**.0021150**	**10.95264**	**.4628180**
Stddev	.0006923	.1013295	.026214	.0005961	.29429	.0096973
%RSD	16.06671	25.14590	2.243860	28.18340	2.686940	2.095264
#1	.0047985	.3313154	1.149723	.0025365	10.74455	.4559610
#2	.0038194	.4746169	1.186795	.0016935	11.16074	.4696750
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208725-f-22-h du Acquired: 12/3/2021 20:31:30 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000220**	F **1323.415**	**.0098110**	**-.001497**	**.0019917**	**.0045703**
Stddev	.000159	58.908	.0005229	.000852	.0019693	.0083920
%RSD	72.29205	4.451245	5.329496	56.87340	98.87376	183.6205
#1	-.000333	1281.761	.0101808	-.002100	.0033842	.0105044
#2	-.000108	1365.070	.0094413	-.000895	.0005992	-.001364
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.774627**	**.0018484**	**.2547256**	**.0070022**	**-.000200**	**.0017357**
Stddev	.007804	.0005082	.0025487	.0000033	.003096	.0002355
%RSD	.1634394	27.49493	1.000581	.0467830	1550.095	13.57026
#1	4.769109	.0022077	.2529234	.0069999	-.002389	.0015691
#2	4.780145	.0014890	.2565278	.0070045	.001989	.0019022
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.0298318**
Stddev	.0001258
%RSD	.4217283
#1	.0297428
#2	.0299208
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208725-f-22-h du Acquired: 12/3/2021 20:31:30 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.195	1380.053	6851.463	1211.355
Stddev	4.703	5.363	50.457	9.459
%RSD	.2549996	.3885769	.7364436	.7808839
#1	1847.521	1383.845	6887.141	1218.044
#2	1840.870	1376.261	6815.784	1204.667

Sample Name: 500-208725-f-22-i ms Acquired: 12/3/2021 20:34:48 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0568645	2.731999	.1071024	1.000051	1.084205	.0419396
Stddev	.0003282	.007483	.0005322	.001887	.002681	.0006278
%RSD	.5771483	.2739152	.4968824	.1886956	.2472552	1.496787
#1	.0566325	2.737291	.1074787	1.001385	1.082309	.0423835
#2	.0570966	2.726708	.1067261	.998716	1.086100	.0414957
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003640	116.5064	.0507710	-.002432	.5303619	.1974708
Stddev	.000621	.7400	.0003990	.006134	.0023583	.0012136
%RSD	17.05490	.6351434	.7858601	252.1955	.4446583	.6145475
#1	-.003201	115.9831	.0504889	-.006769	.5286943	.1966127
#2	-.004079	117.0296	.0510531	.001905	.5320295	.1983289
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2561725	1.403575	12.38221	.1187350	19.85685	.9056007
Stddev	.0008894	.068961	.01757	.0003046	.28507	.0014711
%RSD	.3471857	4.913272	.1419264	.2565659	1.435632	.1624481
#1	.2568014	1.452338	12.39463	.1189504	19.65528	.9045605
#2	.2555436	1.354811	12.36978	.1185196	20.05843	.9066410
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208725-f-22-i ms Acquired: 12/3/2021 20:34:48 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9522954	F 1324.533	.5349624	.1009058	.5111219	.1052646
Stddev	.0012552	11.718	.0025637	.0019301	.0022877	.0025138
%RSD	.1318050	.8846919	.4792211	1.912753	.4475782	2.388101
#1	.9514078	1316.247	.5331496	.1022706	.5095043	.1070421
#2	.9531829	1332.818	.5367752	.0995411	.5127396	.1034870
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.205441	1.073841	1.147684	1.008342	.0845353	.4968779
Stddev	.007869	.002164	.007009	.002412	.0008768	.0005044
%RSD	.0854800	.2015392	.6106881	.2392040	1.037242	.1015096
#1	9.199877	1.075371	1.142728	1.006636	.0851554	.4965213
#2	9.211006	1.072310	1.152640	1.010048	.0839153	.4972346
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.6147592
Stddev	.0019472
%RSD	.3167424
#1	.6133824
#2	.6161361
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208725-f-22-i ms Acquired: 12/3/2021 20:34:48 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1828.737	1377.463	6901.837	1206.737
Stddev	.144	1.615	9.430	3.948
%RSD	.0078473	.1172701	.1366367	.3272021
#1	1828.838	1376.321	6895.168	1203.945
#2	1828.635	1378.605	6908.505	1209.529

Sample Name: 500-208725-f-23-e Acquired: 12/3/2021 20:38:04 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000876**	**.1685645**	**.0025879**	**.1589559**	**.8033675**	**-.000803**
Stddev	.000537	.0191016	.0005961	.0000078	.0060590	.000960
%RSD	61.23239	11.33193	23.03433	.0049330	.7541957	119.5294
#1	-.000497	.1820714	.0021664	.1589504	.7990832	-.000124
#2	-.001256	.1550576	.0030094	.1589615	.8076519	-.001482
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0027152**	**183.1578**	**.0007959**	**-.005833**	**.0002610**	**.0018137**
Stddev	.0002846	.6722	.0000494	.006056	.0000432	.0000350
%RSD	10.48239	.3670110	6.204357	103.8105	16.54630	1.931721
#1	.0025139	182.6824	.0007610	-.010116	.0002305	.0018384
#2	.0029164	183.6331	.0008309	-.001551	.0002916	.0017889
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0043399**	**.1796885**	**1.741105**	**.0009017**	**16.18315**	**.8609273**
Stddev	.0005799	.1943324	.017446	.0019071	.05355	.0050073
%RSD	13.36131	108.1496	1.001980	211.5024	.3308834	.5816110
#1	.0039298	.0422747	1.728769	-.000447	16.14528	.8573866
#2	.0047499	.3171023	1.753441	.002250	16.22101	.8644679
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208725-f-23-e Acquired: 12/3/2021 20:38:04 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000246**	F **1330.490**	**.0092041**	**.0001028**	**-.000395**	**.0073810**
Stddev	.000471	.001	.0003927	.0004113	.001259	.0033175
%RSD	191.2128	.0000951	4.266229	400.0372	318.9253	44.94603
#1	-.000580	1330.489	.0094818	.0003936	-.001285	.0097268
#2	.000087	1330.491	.0089265	-.000188	.000495	.0050352
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.586527**	**.0037231**	**.3898013**	**.0067152**	**-.001311**	**.0025187**
Stddev	.014861	.0008357	.0007748	.0004351	.002295	.0001622
%RSD	.3240137	22.44683	.1987677	6.480077	175.0456	6.439805
#1	4.576019	.0043140	.3903492	.0070228	-.002934	.0026334
#2	4.597035	.0031322	.3892535	.0064075	.000312	.0024040
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.0348817**
Stddev	.0001639
%RSD	.4699804
#1	.0347658
#2	.0349976
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208725-f-23-e Acquired: 12/3/2021 20:38:04 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1832.934	1379.573	6904.071	1208.588
Stddev	.375	1.371	13.170	3.987
%RSD	.0204552	.0993910	.1907522	.3298663
#1	1833.200	1380.542	6894.759	1205.769
#2	1832.669	1378.603	6913.384	1211.407

Sample Name: 500-208470-g-1-c Acquired: 12/3/2021 20:41:22 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001373	.0576338	.0029622	.1819832	.3802303	.0003877
Stddev	.001058	.0263826	.0018607	.0002828	.0021106	.0001854
%RSD	77.05914	45.77632	62.81481	.1553800	.5550846	47.82272
#1	-.000625	.0389785	.0042780	.1817832	.3787379	.0002566
#2	-.002121	.0762892	.0016465	.1821831	.3817228	.0005188
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010961	F 661.5440	.0008263	.0206247	.0011842	.0021714
Stddev	.0015345	4.2838	.0001630	.0220935	.0005735	.0003942
%RSD	139.9913	.6475530	19.72561	107.1217	48.42999	18.15445
#1	.0000111	658.5149	.0007110	.0050022	.0015898	.0018927
#2	.0021812	664.5732	.0009415	.0362471	.0007787	.0024502
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040708	.1117277	7.462353	.0084207	31.27192	.6446243
Stddev	.0012974	.1835208	.048923	.0007560	.25684	.0087280
%RSD	31.87083	164.2573	.6555964	8.977389	.8213277	1.353971
#1	.0049882	-.018041	7.427759	.0078861	31.09030	.6384527
#2	.0031534	.241496	7.496947	.0089552	31.45353	.6507960
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208470-g-1-c Acquired: 12/3/2021 20:41:22 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049641	F 1389.457	.0028361	-.002837	.0008809	.0000401
Stddev	.0002019	10.264	.0010228	.001803	.0000070	.0091125
%RSD	4.067070	.7386796	36.06298	63.53262	.7916832	22706.67
#1	.0051069	1382.199	.0035594	-.004112	.0008858	.0064836
#2	.0048213	1396.714	.0021129	-.001563	.0008759	-.006403
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.27336	.0026112	.7845529	-.001743	-.000652	.0022945
Stddev	.04479	.0021114	.0023864	.000215	.001450	.0002619
%RSD	.3972828	80.86125	.3041663	12.33278	222.4465	11.41316
#1	11.24169	.0011182	.7862403	-.001591	-.001677	.0021093
#2	11.30503	.0041042	.7828655	-.001895	.000373	.0024797
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0138538
Stddev	.0001099
%RSD	.7933903
#1	.0137761
#2	.0139315
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208470-g-1-c Acquired: 12/3/2021 20:41:22 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1740.562	1319.582	6687.730	1182.221
Stddev	1.499	5.758	3.788	5.831
%RSD	.0861140	.4363631	.0566412	.4932000
#1	1741.622	1323.654	6685.052	1178.098
#2	1739.502	1315.511	6690.409	1186.344

Sample Name: 500-208470-g-2-c Acquired: 12/3/2021 20:44:48 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000638	.0738503	.0019262	.2052886	.6263539	.0002070
Stddev	.000626	.0109888	.0043602	.0013222	.0036812	.0006002
%RSD	98.03190	14.87988	226.3610	.6440744	.5877181	289.9681
#1	-.000196	.0816206	.0050094	.2062235	.6237509	-.000217
#2	-.001081	.0660801	-.001157	.2043536	.6289569	.000631
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002036	322.9500	.0032753	.0188558	.0000241	.0023305
Stddev	.0065546	1.9282	.0001421	.0108588	.0004199	.0004241
%RSD	3218.521	.5970608	4.339536	57.58852	1739.729	18.19888
#1	.0048385	321.5865	.0031748	.0111775	-.000273	.0020306
#2	-.004431	324.3134	.0033758	.0265341	.000321	.0026304
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069972	.1992836	3.378118	.0048695	75.63767	.5508101
Stddev	.0000107	.0209438	.023487	.0000927	.43248	.0032649
%RSD	.1524987	10.50953	.6952702	1.903697	.5717830	.5927377
#1	.0070047	.2140930	3.361510	.0048039	75.33186	.5485015
#2	.0069896	.1844741	3.394726	.0049350	75.94348	.5531187
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208470-g-2-c Acquired: 12/3/2021 20:44:48 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006605	F 1356.263	.0069117	.1022411	-.000941	-.000889
Stddev	.0002247	14.979	.0006285	.0018221	.000328	.009359
%RSD	34.02114	1.104402	9.092541	1.782166	34.86218	1052.529
#1	.0008194	1366.855	.0064673	.1035295	-.000709	-.007507
#2	.0005016	1345.672	.0073561	.1009526	-.001173	.005729
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.902366	.0026331	.5851020	.0029742	.0005602	.0013624
Stddev	.005954	.0004014	.0011036	.0001055	.0005787	.0002342
%RSD	.0862607	15.24246	.1886092	3.547369	103.2946	17.19260
#1	6.906576	.0023493	.5858824	.0028996	.0009694	.0015281
#2	6.898156	.0029169	.5843217	.0030488	.0001510	.0011968
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0974306
Stddev	.0000638
%RSD	.0655314
#1	.0973855
#2	.0974758
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208470-g-2-c Acquired: 12/3/2021 20:44:48 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1774.523	1332.531	6761.802	1194.361
Stddev	2.776	1.242	15.491	7.274
%RSD	.1564242	.0931863	.2291001	.6090009
#1	1772.560	1331.653	6750.848	1189.218
#2	1776.486	1333.409	6772.756	1199.504

Sample Name: 500-208470-g-3-c Acquired: 12/3/2021 20:48:06 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000404	.1078350	.0047866	.2866785	.6450055	.0013172
Stddev	.001132	.0599200	.0014574	.0011541	.0013815	.0002096
%RSD	280.4548	55.56636	30.44791	.4025721	.2141857	15.90941
#1	-.001204	.0654652	.0058172	.2874946	.6440286	.0014654
#2	.000397	.1502049	.0037561	.2858625	.6459824	.0011690
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044596	317.9884	.0025367	.0299726	-.000389	.0036756
Stddev	.0031335	1.3646	.0001491	.0378502	.000206	.0011886
%RSD	70.26528	.4291306	5.877804	126.2826	53.01530	32.33591
#1	.0022438	317.0235	.0026421	.0567368	-.000535	.0028352
#2	.0066753	318.9533	.0024312	.0032085	-.000243	.0045161
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063596	.0495560	2.604683	.0056519	104.3537	.3035226
Stddev	.0007686	.0784451	.029689	.0000753	.1158	.0016544
%RSD	12.08563	158.2958	1.139849	1.332206	.1109739	.5450810
#1	.0058161	-.005913	2.583689	.0057051	104.2718	.3023527
#2	.0069031	.105025	2.625676	.0055987	104.4356	.3046924
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208470-g-3-c Acquired: 12/3/2021 20:48:06 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000034**	F **1382.304**	**.0074443**	**.0174926**	**.0005179**	**.0090308**
Stddev	.000270	34.517	.0004446	.0024641	.0006813	.0016896
%RSD	790.7716	2.497086	5.973028	14.08625	131.5594	18.70954
#1	-.000225	1357.897	.0071299	.0192349	.0000361	.0078361
#2	.000157	1406.711	.0077587	.0157502	.0009997	.0102256
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.000				
Low Limit		-1.00000				

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.469061**	**.0046304**	**.4238250**	**.0026082**	**.0003910**	**.0010563**
Stddev	.003368	.0013230	.0002134	.0002314	.0020036	.0005857
%RSD	.0615848	28.57204	.0503556	8.870909	512.4144	55.45007
#1	5.466679	.0036949	.4236741	.0027719	-.001026	.0006422
#2	5.471442	.0055658	.4239760	.0024446	.001808	.0014705
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.1497259**
Stddev	.0002843
%RSD	.1898549
#1	.1499269
#2	.1495249
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208470-g-3-c Acquired: 12/3/2021 20:48:06 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1771.539	1328.642	6727.094	1185.839
Stddev	.168	.224	6.046	.346
%RSD	.0094998	.0168839	.0898757	.0291789
#1	1771.420	1328.801	6722.819	1185.595
#2	1771.658	1328.484	6731.369	1186.084

Sample Name: 500-208568-a-8-b Acquired: 12/3/2021 20:51:22 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000957**	**.2433011**	**.0027272**	**.4291905**	**.1623060**	**-.000049**	**.0039099**
Stddev	.000181	.0226049	.0012546	.0006414	.0010313	.000657	.0012187
%RSD	18.90610	9.290937	46.00410	.1494520	.6353991	1349.716	31.16963
#1	-.000829	.2592852	.0018400	.4287370	.1615767	-.000513	.0030481
#2	-.001085	.2273170	.0036143	.4296441	.1630352	.000416	.0047716
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**37.38819**	**.0026884**	**.0182991**	**-.000268**	**.0036961**	**.0134050**	**.3641722**
Stddev	.30082	.0003105	.0380522	.000216	.0000189	.0005383	.0901977
%RSD	.8045945	11.54910	207.9462	80.54892	.5115626	4.015478	24.76788
#1	37.17548	.0029079	-.008608	-.000115	.0037094	.0137856	.3003927
#2	37.60091	.0024688	.045206	-.000421	.0036827	.0130244	.4279516
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**117.7493**	**.0003475**	**11.57698**	**11.39206**	**-.000430**	**784.5923**	**.0109917**
Stddev	.4325	.0005894	.05706	.10588	.000550	16.8821	.0001721
%RSD	.3673395	169.6185	.4928837	.9294479	127.9369	2.151707	1.565273
#1	117.4434	-.000069	11.53663	11.31719	-.000041	772.6548	.0108701
#2	118.0551	.000764	11.61733	11.46693	-.000819	796.5297	.0111134
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208568-a-8-b Acquired: 12/3/2021 20:51:22 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069403	.0007276	.0126357	1.332904	.0040356	.0332910	.0070200
Stddev	.0006871	.0003813	.0003748	.002428	.0023613	.0000490	.0001214
%RSD	9.900789	52.40268	2.965933	.1821210	58.51272	.1472253	1.729653
#1	.0064544	.0004580	.0129007	1.334620	.0023659	.0333257	.0069342
#2	.0074261	.0009972	.0123707	1.331187	.0057053	.0332563	.0071059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.004518	.0045586	.1440217
Stddev	.002031	.0005691	.0007876
%RSD	44.96254	12.48442	.5468932
#1	-.005954	.0049610	.1434647
#2	-.003082	.0041561	.1445786
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.373	1419.182	7174.940	1238.295
Stddev	1.371	1.461	11.161	7.264
%RSD	.0697310	.1029575	.1555573	.5866402
#1	1967.343	1420.215	7167.047	1243.432
#2	1965.404	1418.149	7182.832	1233.159

Sample Name: MB 500-631367/1-A Acquired: 12/3/2021 20:54:59 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002796	.0329160	.0003610	.0049885	.0005445	-.000183	-.000815
Stddev	.0008243	.0639650	.0017453	.0001334	.0001205	.001022	.001039
%RSD	294.8639	194.3279	483.5250	2.673559	22.13999	557.1476	127.4797
#1	.0008625	-.012314	.0015951	.0048942	.0006297	-.000906	-.000080
#2	-.000303	.078146	-.000873	.0050828	.0004592	.000539	-.001550
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0325559	-.000016	.0524242	-.000003	.0005364	.0001981	.0955607
Stddev	.0053122	.000133	.0104616	.000182	.0007109	.0003645	.0603806
%RSD	16.31721	827.7263	19.95569	5312.489	132.5498	184.0076	63.18561
#1	.0287996	-.000110	.0598217	.000125	.0010391	.0004559	.1382562
#2	.0363122	.000078	.0450267	-.000132	.0000336	-.000060	.0528652
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1514034	-.002224	.0041841	.0002647	-.000161	.4145198	-.000346
Stddev	.0079783	.000227	.0037192	.0024973	.000045	.0006540	.000684
%RSD	5.269569	10.22085	88.88854	943.3383	27.99656	.1577726	197.9316
#1	.1457619	-.002385	.0015543	.0020306	-.000192	.4149823	.000138
#2	.1570449	-.002063	.0068140	-.001501	-.000129	.4140574	-.000829
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: MB 500-631367/1-A Acquired: 12/3/2021 20:54:59 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002878	.0002486	-.002380	-.006360	-.000271	.0000778	-.000427
Stddev	.0004550	.0003820	.000017	.000703	.000090	.0000157	.000146
%RSD	158.0761	153.6797	.7038726	11.05253	33.04811	20.21000	34.08828
#1	-.000034	-.000022	-.002392	-.005863	-.000335	.0000667	-.000530
#2	.000610	.000519	-.002369	-.006857	-.000208	.0000889	-.000324
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.001237	.0006209	.0026862
Stddev	.000967	.0001882	.0000441
%RSD	78.18289	30.31563	1.642508
#1	-.001920	.0004878	.0026550
#2	-.000553	.0007541	.0027174
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2747.454	1672.708	8695.747	1288.370
Stddev	2.100	.334	12.233	13.360
%RSD	.0764201	.0199810	.1406724	1.036946
#1	2745.969	1672.945	8687.097	1278.923
#2	2748.938	1672.472	8704.397	1297.817

Sample Name: LCS 500-631367/2-A Acquired: 12/3/2021 20:58:14 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0506540	2.078654	.1043170	.9690211	2.090339	.0438858	.4986882
Stddev	.0002488	.037032	.0003631	.0043538	.016910	.0003084	.0008497
%RSD	.4912384	1.781548	.3480569	.4492952	.8089636	.7027335	.1703816
#1	.0504781	2.052468	.1045737	.9659425	2.078382	.0436677	.4980874
#2	.0508300	2.104840	.1040602	.9720996	2.102297	.0441039	.4992891
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.36843	.0504184	.0083584	.5238808	.2049093	.2561118	.9625216
Stddev	.12222	.0002906	.0087521	.0007918	.0004562	.0004886	.2565554
%RSD	1.178814	.5763060	104.7106	.1511333	.2226379	.1907926	26.65450
#1	10.28200	.0502129	.0145471	.5233209	.2052318	.2557662	.7811096
#2	10.45485	.0506238	.0021697	.5244406	.2045867	.2564573	1.143934
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.22744	.5625484	9.615136	.4521215	1.029694	11.00679	.5295908
Stddev	.06904	.0050959	.085841	.0058591	.004977	.04690	.0022259
%RSD	.6149051	.9058670	.8927693	1.295921	.4833723	.4260570	.4203120
#1	11.17862	.5589450	9.554438	.4479785	1.026175	10.97363	.5280168
#2	11.27626	.5661518	9.675835	.4562645	1.033213	11.03995	.5311648
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: LCS 500-631367/2-A Acquired: 12/3/2021 20:58:14 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1075592	.5349914	.0970355	4.277321	1.089714	1.014784	1.053578
Stddev	.0005074	.0054846	.0037600	.028264	.004433	.001979	.000240
%RSD	.4717813	1.025185	3.874906	.6607949	.4068286	.1950060	.0227530
#1	.1079180	.5311131	.0943768	4.257335	1.086580	1.013385	1.053408
#2	.1072004	.5388696	.0996943	4.297307	1.092849	1.016183	1.053747
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.1010617	.5051319	.5450585
Stddev	.0007584	.0001951	.0013238
%RSD	.7504069	.0386169	.2428756
#1	.1005255	.5052699	.5441224
#2	.1015980	.5049940	.5459946
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2523.597	1626.202	8437.498	1285.995
Stddev	6.847	9.135	2.645	6.865
%RSD	.2713198	.5617114	.0313481	.5338447
#1	2528.439	1632.661	8435.628	1290.850
#2	2518.756	1619.743	8439.369	1281.141

Sample Name: CCV Acquired: 12/3/2021 21:01:25 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4800351**	**48.72678**	**.5026753**	**.4881358**	**.5138516**	F **.4332062**
Stddev	.0043739	.85119	.0017436	.0022602	.0064580	.0032114
%RSD	.9111605	1.746858	.3468641	.4630277	1.256780	.7413100
#1	.4831279	48.12490	.5014424	.4865376	.5092851	.4309354
#2	.4769423	49.32867	.5039082	.4897340	.5184181	.4354770
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value						.5000000
Range						-10.0000%

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5051963**	**25.01271**	**.4912990**	**.0149171**	**.5363532**	**.4972236**
Stddev	.0027055	.30151	.0021191	.0117301	.0000747	.0051942
%RSD	.5355414	1.205439	.4313284	78.63566	.0139327	1.044645
#1	.5032832	24.79951	.4898005	.0232115	.5363003	.4935508
#2	.5071094	25.22592	.4927974	.0066226	.5364060	.5008965
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4916845**	**22.78250**	**54.65967**	**4.381090**	**23.22756**	F **4.449618**
Stddev	.0016087	.13733	.39358	.044161	.50021	.035279
%RSD	.3271856	.6027746	.7200484	1.007982	2.153512	.7928478
#1	.4928220	22.68540	54.38137	4.349863	22.87386	4.424673
#2	.4905470	22.87961	54.93797	4.412316	23.58126	4.474564
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value						5.000000
Range						-10.0000%

Sample Name: CCV Acquired: 12/3/2021 21:01:25 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4860334**	**26.67897**	**.5293175**	**.5294144**	**.4799545**	**.4884888**
Stddev	.0018835	.22029	.0014008	.0004431	.0023112	.0065609
%RSD	.3875208	.8256921	.2646459	.0836874	.4815353	1.343091
#1	.4847016	26.52321	.5303081	.5291011	.4783203	.4838496
#2	.4873653	26.83474	.5283270	.5297276	.4815887	.4931280
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.3803271**	**.5383271**	**.4914601**	**.5021624**	**.4977959**	**4.899457**
Stddev	.0008392	.0031291	.0001369	.0003349	.0000226	.019992
%RSD	.2206502	.5812646	.0278533	.0666951	.0045366	.4080367
#1	.3809205	.5405397	.4913633	.5019256	.4978119	4.885321
#2	.3797337	.5361145	.4915569	.5023992	.4977800	4.913593
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	F **.5597256**
Stddev	.0000037
%RSD	.0006569
#1	.5597230
#2	.5597282
Check ?	Chk Fail
Value	.5000000
Range	10.00000%

Sample Name: CCV Acquired: 12/3/2021 21:01:25 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2296.455	1585.102	8103.660	1255.150
Stddev	.206	5.260	15.480	.994
%RSD	.0089631	.3318283	.1910261	.0792311
#1	2296.601	1588.821	8114.606	1254.447
#2	2296.310	1581.383	8092.714	1255.854

Sample Name: CCB Acquired: 12/3/2021 21:04:30 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000154	.0882143	.0015258	.0015850	.0005762	.0011226	.0007906
Stddev	.0006478	.0076430	.0015217	.0005628	.0001204	.0014751	.0015447
%RSD	4193.602	8.664129	99.73259	35.50431	20.89822	131.3988	195.3836
#1	.0004735	.0828099	.0026018	.0019830	.0006614	.0000796	.0018829
#2	-.000443	.0936188	.0004498	.0011871	.0004911	.0021656	-.000302
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010809	.0001249	.0334340	.0001337	.0007187	.0000279	.0908285
Stddev	.0066194	.0000004	.0028035	.0002812	.0000326	.0002421	.0460607
%RSD	612.3862	.3439715	8.385080	210.3613	4.536398	866.0178	50.71180
#1	-.003600	.0001246	.0314517	.0003326	.0006957	-.000143	.0582586
#2	.005762	.0001252	.0354164	-.000065	.0007418	.000199	.1233983
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0896766	.0004483	-.016438	-.000767	.0001996	.0511209	-.000470
Stddev	.0021965	.0012425	.032188	.001159	.0003628	.0021267	.000463
%RSD	2.449416	277.1506	195.8101	151.1977	181.7555	4.160119	98.58324
#1	.0912298	.0013269	-.039198	.000053	-.000057	.0496171	-.000142
#2	.0881234	-.000430	.006322	-.001586	.000456	.0526247	-.000798
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 12/3/2021 21:04:30 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002433	-.000651	-.004961	-.011754	.0007909	.0000443	-.000273
Stddev	.0000547	.000306	.001380	.001131	.0002356	.0000306	.000123
%RSD	22.47521	47.09765	27.80847	9.624338	29.78943	69.09027	45.05865
#1	.0002820	-.000434	-.003985	-.012554	.0006243	.0000660	-.000186
#2	.0002047	-.000867	-.005936	-.010954	.0009575	.0000227	-.000359
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0001662	.0008726	-.000000
Stddev	.0015665	.0006291	.000010
%RSD	942.6154	72.09372	9152.795
#1	.0012739	.0013175	-.000007
#2	-.000941	.0004278	.000007
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2688.684	1632.994	8482.712	1255.687
Stddev	9.770	4.797	2.529	3.373
%RSD	.3633599	.2937524	.0298104	.2686233
#1	2695.592	1636.386	8480.924	1253.302
#2	2681.776	1629.602	8484.500	1258.072

Sample Name: CCVL Acquired: 12/3/2021 21:08:06 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052455	F .2637544	.0117394	.0518122	.0113013	.0040818
Stddev	.0004564	.0263093	.0020147	.0009209	.0001564	.0004061
%RSD	8.699833	9.974930	17.16159	1.777347	1.383745	9.948581
#1	.0055682	.2451509	.0103148	.0511610	.0114118	.0037947
#2	.0049228	.2823579	.0131640	.0524634	.0111907	.0043690
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		.2000000				
Range		30.00000%				

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0544494	.2108798	.0020427	-.000397	.0050034	.0103538
Stddev	.0004068	.0048149	.0001839	.033536	.0002223	.0004474
%RSD	.7471704	2.283235	9.004046	8443.613	4.442970	4.320981
#1	.0541617	.2142844	.0021728	.023317	.0051606	.0106702
#2	.0547370	.2074752	.0019127	-.024111	.0048462	.0100375
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100434	F .3809383	.6021328	.0101307	.0744844	.0079161
Stddev	.0002091	.1035764	.0167143	.0014171	.1076040	.0013667
%RSD	2.082404	27.18980	2.775852	13.98786	144.4652	17.26505
#1	.0098955	.3076988	.5903140	.0091286	.1505719	.0088825
#2	.0101913	.4541778	.6139516	.0111327	-.001603	.0069497
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		.2000000				
Range		30.00000%				

Sample Name: CCVL Acquired: 12/3/2021 21:08:06 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100352	1.103259	.0104520	.0049980	.0201510	F .0058798
Stddev	.0001957	.000021	.0004439	.0005439	.0000959	.0024649
%RSD	1.949715	.0018977	4.247172	10.88331	.4758381	41.92052
#1	.0098968	1.103273	.0101381	.0046133	.0202188	.0041369
#2	.0101735	1.103244	.0107659	.0053826	.0200832	.0076228
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value						.0100000
Range						-30.0000%

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1792800	.0416368	.0052760	.0048238	.0100714	.0050058
Stddev	.0006658	.0006941	.0000210	.0000057	.0011593	.0002456
%RSD	.3714033	1.666960	.3985055	.1186575	11.51088	4.907113
#1	.1788092	.0421276	.0052909	.0048197	.0108912	.0051795
#2	.1797509	.0411460	.0052611	.0048278	.0092516	.0048321
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.0213762
Stddev	.0000796
%RSD	.3724959
#1	.0213199
#2	.0214324
Check ?	Chk Pass
Value	
Range	

Sample Name: CCVL Acquired: 12/3/2021 21:08:06 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2682.576	1645.277	8543.332	1262.785
Stddev	1.196	5.024	29.401	1.466
%RSD	.0445916	.3053624	.3441410	.1160602
#1	2683.422	1648.830	8522.543	1261.749
#2	2681.730	1641.725	8564.122	1263.821

Sample Name: 500-208504-B-2-A Acquired: 12/3/2021 21:11:21 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000339**	**.0797486**	**.0014407**	**.0247494**	**.0086201**	**.0012600**	**.0020420**
Stddev	.001123	.0082789	.0014273	.0003542	.0000913	.0003606	.0002341
%RSD	331.1046	10.38124	99.07202	1.431256	1.059516	28.61528	11.46442
#1	.000455	.0856026	.0004314	.0249999	.0085556	.0010051	.0018764
#2	-.001133	.0738945	.0024500	.0244989	.0086847	.0015150	.0022075
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**41.75095**	**.0000004**	**.0077855**	**.0011202**	**.0019953**	**.0026445**	**.1985642**
Stddev	.19157	.0000940	.0301273	.0002372	.0000122	.0001197	.0281119
%RSD	.4588412	20986.25	386.9656	21.17733	.6108778	4.526607	14.15760
#1	41.61549	.0000670	-.013518	.0012879	.0019867	.0025598	.2184423
#2	41.88641	-.000066	.029089	.0009524	.0020039	.0027291	.1786861
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**71.32210**	**.0047653**	**24.34364**	**.0014199**	**-.000205**	**356.0724**	**.0069564**
Stddev	.09935	.0004287	.28309	.0006183	.000270	4.7368	.0007102
%RSD	.1393011	8.996982	1.162907	43.54619	131.6376	1.330298	10.20982
#1	71.25184	.0050685	24.14347	.0018571	-.000014	352.7230	.0074586
#2	71.39235	.0044621	24.54382	.0009827	-.000396	359.4218	.0064542
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208504-B-2-A Acquired: 12/3/2021 21:11:21 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001326	-.001464	-.004509	5.844004	-.000115	.0635451	.0039724
Stddev	.000104	.000426	.001268	.028121	.000992	.0000948	.0001311
%RSD	7.841515	29.12088	28.13058	.4811903	861.0626	.1492514	3.301162
#1	-.001399	-.001765	-.003612	5.824119	-.000817	.0636121	.0040651
#2	-.001252	-.001162	-.005406	5.863888	.000586	.0634780	.0038797
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0023204	.0013735	.0809112
Stddev	.0021391	.0002003	.0000249
%RSD	92.18735	14.58285	.0307309
#1	.0008078	.0015151	.0809287
#2	.0038329	.0012318	.0808936
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2116.833	1498.969	7615.383	1244.054
Stddev	7.429	8.477	14.555	2.460
%RSD	.3509386	.5654969	.1911225	.1977027
#1	2122.086	1504.963	7605.091	1245.793
#2	2111.581	1492.975	7625.675	1242.314

Sample Name: 500-208509-A-2-A Acquired: 12/3/2021 21:21:15 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007768	.3084322	.0001688	.0116479	.0084940	.0004164	.0023599
Stddev	.0000901	.0292224	.0001506	.0003564	.0001063	.0001733	.0004219
%RSD	11.60056	9.474504	89.20417	3.059886	1.251404	41.62733	17.87809
#1	.0008405	.3290955	.0002753	.0113959	.0085692	.0005390	.0020616
#2	.0007130	.2877688	.0000623	.0119000	.0084189	.0002938	.0026582
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.236178	.0000268	-.006195	.0006965	.0013269	.0050159	.8983526
Stddev	.053306	.0000538	.010050	.0001951	.0002391	.0003049	.1532723
%RSD	.6472186	200.5723	162.2258	28.00529	18.02146	6.079044	17.06149
#1	8.198485	-.000011	.000911	.0008345	.0011579	.0052315	1.006732
#2	8.273871	.000065	-.013302	.0005586	.0014960	.0048003	.789973
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7998701	-.002416	3.405599	.0639320	.0002473	3.250219	.0005360
Stddev	.0430153	.001280	.086891	.0008641	.0004580	.025523	.0003566
%RSD	5.377786	52.98413	2.551412	1.351571	185.2346	.7852575	66.53506
#1	.7694537	-.001511	3.344158	.0633210	.0005711	3.232172	.0007881
#2	.8302865	-.003321	3.467040	.0645430	-.000077	3.268266	.0002838
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208509-A-2-A Acquired: 12/3/2021 21:21:15 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009085	.0006719	-.001320	.7280125	.0003457	.0092208	.0110510
Stddev	.0002652	.0003078	.003617	.0003184	.0004021	.0000571	.0001144
%RSD	29.18581	45.81682	274.0550	.0437355	116.3395	.6195483	1.035569
#1	.0007210	.0008896	-.003877	.7277874	.0000613	.0091804	.0111319
#2	.0010960	.0004542	.001238	.7282377	.0006300	.0092612	.0109700
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.002160	.0015140	.1407461
Stddev	.000841	.0001321	.0006926
%RSD	38.96201	8.727588	.4920743
#1	-.001565	.0016075	.1402564
#2	-.002755	.0014206	.1412359
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2643.023	1641.363	8523.916	1273.752
Stddev	6.306	6.331	1.318	1.024
%RSD	.2385889	.3857135	.0154626	.0803691
#1	2647.482	1645.839	8524.848	1274.476
#2	2638.564	1636.886	8522.984	1273.028

Sample Name: 500-208509-A-2-Asd@5 Acquired: 12/3/2021 21:24:28 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004256	.0961395	.0003736	.0020132	.0020621	-.000875	.0019973
Stddev	.0008862	.0036578	.0007382	.0003139	.0003187	.001894	.0002197
%RSD	208.2278	3.804663	197.6181	15.59356	15.45275	216.4647	10.99995
#1	.0010523	.0987259	.0008956	.0017912	.0018368	.000464	.0018420
#2	-.000201	.0935531	-.000148	.0022352	.0022874	-.002214	.0021526
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.651764	.0000855	.0151602	-.000019	.0004690	.0013035	.3048062
Stddev	.012600	.0001059	.0039419	.000077	.0004313	.0003011	.0367674
%RSD	.7628410	123.8649	26.00168	405.7379	91.96030	23.10096	12.06255
#1	1.642854	.0001603	.0123729	-.000073	.0001640	.0015164	.3308046
#2	1.660674	.0000106	.0179476	.000035	.0007740	.0010906	.2788077
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1781208	-.000622	.6855071	.0120301	-.000046	.6879672	.0004850
Stddev	.0017542	.000220	.0342915	.0011462	.000320	.0028365	.0001244
%RSD	.9848126	35.33973	5.002353	9.527842	693.6684	.4123076	25.64631
#1	.1793612	-.000778	.6612594	.0112196	-.000273	.6859615	.0003970
#2	.1768804	-.000467	.7097549	.0128406	.000180	.6899730	.0005730
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208509-A-2-Asd@5 Acquired: 12/3/2021 21:24:28 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003415	.0013332	-.003587	.1564482	.0016521	.0018485	.0024261
Stddev	.0007596	.0011950	.000338	.0001520	.0001221	.0000044	.0003909
%RSD	222.4178	89.63556	9.417498	.0971651	7.388940	.2372728	16.11168
#1	-.000196	.0021781	-.003826	.1563407	.0017384	.0018454	.0027025
#2	.000879	.0004882	-.003348	.1565557	.0015658	.0018516	.0021497
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000466	.0007047	.0290158
Stddev	.000214	.0001188	.0000564
%RSD	45.91237	16.85828	.1943661
#1	-.000315	.0006207	.0289759
#2	-.000617	.0007887	.0290556
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2672.582	1639.070	8494.191	1267.290
Stddev	8.209	1.885	6.333	.118
%RSD	.3071627	.1150262	.0745603	.0092983
#1	2678.387	1640.404	8498.670	1267.206
#2	2666.778	1637.737	8489.713	1267.373

Sample Name: 500-208504-B-3-A Acquired: 12/3/2021 21:14:42 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000485**	**.0378987**	**.0236705**	**.0467946**	**.0036918**	**-.000367**	**.0022801**
Stddev	.000731	.0369968	.0024696	.0004065	.0003676	.000140	.0009520
%RSD	150.8319	97.62033	10.43335	.8687610	9.958564	38.12053	41.75370
#1	-.001002	.0640594	.0219242	.0465072	.0034318	-.000268	.0029532
#2	.000032	.0117380	.0254168	.0470821	.0039517	-.000466	.0016069
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**41.96209**	**.0002680**	**.0098733**	**.0068532**	**.0020563**	**.0063391**	**1.076791**
Stddev	.30455	.0000018	.0004272	.0002103	.0003239	.0001895	.207413
%RSD	.7257834	.6739768	4.327153	3.068775	15.75050	2.988751	19.26216
#1	41.74674	.0002668	.0095712	.0070019	.0022853	.0062051	1.223454
#2	42.17744	.0002693	.0101754	.0067045	.0018273	.0064731	.930127
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**65.22268**	**.0030910**	**25.88091**	**.1445532**	**.0031120**	**228.9833**	**.0168526**
Stddev	.05866	.0002356	.32425	.0012737	.0004979	1.4800	.0006976
%RSD	.0899376	7.621883	1.252849	.8811253	15.99930	.6463350	4.139447
#1	65.26416	.0032576	25.65163	.1454539	.0034641	227.9368	.0173459
#2	65.18120	.0029244	26.11019	.1436526	.0027600	230.0298	.0163594
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208504-B-3-A Acquired: 12/3/2021 21:14:42 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0376547	.0016272	-.000922	3.466711	-.000111	.0469250	.0039273
Stddev	.0004090	.0008011	.001771	.002617	.001459	.0000562	.0001440
%RSD	1.086264	49.22887	192.1607	.0754964	1319.565	.1197031	3.667527
#1	.0379440	.0010608	-.002174	3.468561	-.001142	.0469647	.0038254
#2	.0373655	.0021937	.000331	3.464860	.000921	.0468853	.0040291
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0016379	.0012176	.6659142
Stddev	.0004345	.0002616	.0015741
%RSD	26.52720	21.48668	.2363846
#1	.0019452	.0010326	.6648011
#2	.0013307	.0014026	.6670273
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2179.781	1518.432	7710.590	1239.497
Stddev	.082	3.038	12.228	4.027
%RSD	.0037677	.2000749	.1585904	.3249245
#1	2179.839	1516.284	7701.943	1242.345
#2	2179.723	1520.581	7719.237	1236.649

Sample Name: 500-208509-A-1-A Acquired: 12/3/2021 21:18:00 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000528**	**.1385615**	**.0000565**	**.0100356**	**.0088061**	**-.000143**	**.0020376**
Stddev	.000396	.0196962	.0005603	.0003299	.0002645	.000117	.0001497
%RSD	74.97334	14.21476	991.2953	3.287131	3.003634	81.68644	7.345819
#1	-.000807	.1246342	-.000340	.0102689	.0086191	-.000226	.0019318
#2	-.000248	.1524888	.000453	.0098024	.0089932	-.000060	.0021435
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.60186**	**.0002046**	**-.016664**	**.0007578**	**.0008414**	**.0048203**	**.4296177**
Stddev	.06143	.0001476	.003711	.0001488	.0001429	.0000901	.0310759
%RSD	.5794209	72.14451	22.27108	19.64040	16.98035	1.870199	7.233385
#1	10.55842	.0003090	-.014040	.0006526	.0007403	.0048841	.4515917
#2	10.64529	.0001002	-.019288	.0008630	.0009424	.0047566	.4076437
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7569540**	**-.001314**	**4.601074**	**.0809644**	**.0001902**	**3.299527**	**.0005963**
Stddev	.0159032	.000315	.063147	.0019845	.0001760	.024712	.0001668
%RSD	2.100952	23.97238	1.372440	2.451069	92.52935	.7489495	27.96464
#1	.7457087	-.001091	4.556423	.0823677	.0000657	3.282053	.0007143
#2	.7681993	-.001536	4.645726	.0795611	.0003146	3.317001	.0004784
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208509-A-1-A Acquired: 12/3/2021 21:18:00 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014364	.0008707	-.000593	.2043210	.0004229	.0098225	.0034692
Stddev	.0004456	.0019319	.000024	.0010873	.0002364	.0000232	.0001237
%RSD	31.01909	221.8794	4.062268	.5321529	55.89096	.2359531	3.566426
#1	.0011213	.0022368	-.000610	.2050898	.0005901	.0098389	.0035567
#2	.0017514	-.000495	-.000576	.2035521	.0002558	.0098061	.0033817
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.000667	.0008512	.1240026
Stddev	.000392	.0002954	.0001978
%RSD	58.81963	34.70206	.1594709
#1	-.000944	.0010601	.1238628
#2	-.000390	.0006424	.1241424
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2633.292	1634.461	8512.944	1272.221
Stddev	4.106	5.161	4.283	.052
%RSD	.1559406	.3157724	.0503084	.0040522
#1	2636.196	1638.110	8515.973	1272.185
#2	2630.389	1630.811	8509.916	1272.258

Sample Name: 500-208509-A-2-B DU Acquired: 12/3/2021 21:28:03 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001502	.3940897	.0030981	.0113676	.0084669	-.000284	.0010351
Stddev	.0003083	.0397359	.0018086	.0001169	.0000403	.002184	.0008642
%RSD	205.2016	10.08297	58.37770	1.028125	.4758935	769.6018	83.49670
#1	-.000068	.3659921	.0018192	.0114502	.0084954	.001261	.0016462
#2	.000368	.4221873	.0043770	.0112849	.0084384	-.001828	.0004239
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.171291	.0001409	.0037165	.0004331	.0006593	.0047929	.9064012
Stddev	.031072	.0000333	.0064946	.0000704	.0007910	.0003834	.1597286
%RSD	.3802581	23.62763	174.7525	16.24570	119.9782	7.999000	17.62228
#1	8.149320	.0001645	.0083089	.0003833	.0012185	.0045219	1.019346
#2	8.193262	.0001174	-.000876	.0004828	.0001000	.0050640	.793456
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7999274	-.001340	3.519437	.0649434	.0003808	3.214493	.0006659
Stddev	.0009283	.000496	.022177	.0012342	.0000315	.025628	.0000993
%RSD	.1160474	37.03300	.6301378	1.900386	8.273968	.7972641	14.91644
#1	.7992710	-.001691	3.535119	.0658161	.0003585	3.196371	.0007361
#2	.8005838	-.000989	3.503755	.0640707	.0004030	3.232615	.0005957
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208509-A-2-B DU Acquired: 12/3/2021 21:28:03 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004823	.0009900	-.002858	.7772270	-.000336	.0091079	.0115731
Stddev	.0001268	.0000451	.001020	.0061409	.000806	.0000282	.0003599
%RSD	26.29363	4.553387	35.67874	.7900980	240.1629	.3096219	3.109999
#1	.0005719	.0010219	-.003579	.7728848	.000234	.0091278	.0113186
#2	.0003926	.0009581	-.002137	.7815692	-.000906	.0090880	.0118276
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.001006	.0014946	.1396349
Stddev	.000979	.0006406	.0003076
%RSD	97.25767	42.85865	.2202504
#1	-.001698	.0019476	.1394174
#2	-.000314	.0010417	.1398524
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2631.780	1635.174	8534.964	1267.758
Stddev	8.995	7.404	3.124	2.651
%RSD	.3417741	.4528158	.0365979	.2091344
#1	2638.140	1640.410	8532.756	1265.883
#2	2625.420	1629.938	8537.173	1269.633

Sample Name: 500-208509-A-2-C MS Acquired: 12/3/2021 21:31:16 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0490499**	**2.516215**	**.1035083**	**.9673858**	**2.109974**	**.0455868**	**.5008097**
Stddev	.0002619	.044958	.0000602	.0055092	.013619	.0012788	.0007692
%RSD	.5339295	1.786727	.0581614	.5694900	.6454651	2.805255	.1535952
#1	.0492351	2.484425	.1034657	.9634902	2.100343	.0446826	.5002657
#2	.0488647	2.548005	.1035508	.9712814	2.119604	.0464911	.5013536
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**18.59046**	**.0499798**	**.0116423**	**.5226405**	**.2040273**	**.2590811**	**1.849548**
Stddev	.01451	.0005234	.0274251	.0021404	.0011169	.0008991	.049644
%RSD	.0780480	1.047130	235.5650	.4095349	.5474167	.3470218	2.684115
#1	18.60072	.0496097	.0310348	.5211270	.2048171	.2584453	1.884652
#2	18.58020	.0503498	-.007750	.5241540	.2032375	.2597168	1.814445
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.06436**	**.5623309**	**12.98869**	**.5230413**	**1.021331**	**14.12981**	**.5289065**
Stddev	.01815	.0038702	.07242	.0030961	.004832	.03486	.0001563
%RSD	.1504485	.6882390	.5575298	.5919450	.4731042	.2466922	.0295469
#1	12.05152	.5595943	12.93749	.5208520	1.017914	14.10516	.5290170
#2	12.07719	.5650675	13.03990	.5252306	1.024748	14.15446	.5287960
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208509-A-2-C MS Acquired: 12/3/2021 21:31:16 Type: Unk
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1076368	.5329986	.0981926	5.243400	1.085275	1.014657	1.057040
Stddev	.0004820	.0010796	.0059284	.007408	.003889	.002007	.001377
%RSD	.4477628	.2025479	6.037561	.1412845	.3583831	.1977706	.1303106
#1	.1079776	.5322352	.1023846	5.238162	1.082524	1.013238	1.058013
#2	.1072960	.5337620	.0940005	5.248639	1.088025	1.016076	1.056066
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.1032363	.5072026	.6892479
Stddev	.0019010	.0011770	.0027843
%RSD	1.841416	.2320547	.4039655
#1	.1018921	.5080349	.6872791
#2	.1045805	.5063704	.6912167
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2474.081	1610.970	8362.971	1272.968
Stddev	6.300	5.704	23.287	12.869
%RSD	.2546402	.3540650	.2784478	1.010927
#1	2478.535	1615.003	8379.438	1263.868
#2	2469.626	1606.937	8346.505	1282.067

Sample Name: CCV Acquired: 12/3/2021 21:34:28 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4829594**	**48.74187**	**.4976604**	**.4825580**	**.5126983**	F **.4375616**
Stddev	.0016705	.33307	.0011733	.0019638	.0031157	.0075751
%RSD	.3458834	.6833278	.2357664	.4069555	.6077062	1.731204
#1	.4817782	48.50635	.4968307	.4811693	.5104952	.4322052
#2	.4841406	48.97738	.4984900	.4839466	.5149014	.4429180
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value						.5000000
Range						-10.0000%

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5018743**	**25.13056**	**.4879062**	**.0078378**	**.5335933**	**.4968102**
Stddev	.0015605	.16445	.0009376	.0620554	.0010456	.0015193
%RSD	.3109381	.6543929	.1921634	791.7459	.1959486	.3058092
#1	.5007708	25.01427	.4872433	-.036042	.5328540	.4978845
#2	.5029777	25.24684	.4885692	.051718	.5343326	.4957359
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4896105**	**23.02707**	**54.28088**	**4.350286**	**23.38257**	F **4.468047**
Stddev	.0000147	.34394	.13156	.018593	.15538	.046650
%RSD	.0030003	1.493619	.2423647	.4274075	.6644911	1.044084
#1	.4896209	22.78387	54.18785	4.337139	23.27270	4.435060
#2	.4896002	23.27027	54.37391	4.363434	23.49244	4.501034
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value						5.000000
Range						-10.0000%

Sample Name: CCV Acquired: 12/3/2021 21:34:28 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4828621	26.51285	.5259547	.5264173	.4730193	.4795230
Stddev	.0005394	.09560	.0004645	.0018574	.0017909	.0009982
%RSD	.1117138	.3605795	.0883152	.3528463	.3785999	.2081746
#1	.4832436	26.44525	.5262831	.5251039	.4717530	.4802288
#2	.4824807	26.58045	.5256262	.5277307	.4742856	.4788171
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .3771032	.5351586	.4879672	.5021609	.4972729	4.872486
Stddev	.0034863	.0012994	.0005595	.0018273	.0013698	.022264
%RSD	.9244810	.2428050	.1146559	.3638815	.2754692	.4569423
#1	.3746381	.5342398	.4883628	.5034530	.4963042	4.888230
#2	.3795683	.5360774	.4875716	.5008688	.4982415	4.856743
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	F .5589617
Stddev	.0001008
%RSD	.0180337
#1	.5588904
#2	.5590330
Check ?	Chk Fail
Value	.5000000
Range	10.00000%

Sample Name: CCV Acquired: 12/3/2021 21:34:28 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2310.127	1597.632	8133.248	1255.008
Stddev	2.593	1.230	15.505	.568
%RSD	.1122645	.0769927	.1906331	.0452268
#1	2311.961	1598.501	8122.285	1254.607
#2	2308.293	1596.762	8144.212	1255.409

Sample Name: CCB Acquired: 12/3/2021 21:37:34 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000328	.0600345	.0019685	.0015188	.0005133	-.000156
Stddev	.000159	.0109163	.0006500	.0006611	.0003117	.000059
%RSD	48.45101	18.18328	33.01896	43.52877	60.71171	37.87192
#1	-.000215	.0677535	.0015089	.0019863	.0002930	-.000198
#2	-.000440	.0523156	.0024281	.0010513	.0007337	-.000114
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003711	-.002967	-.000058	-.001227	.0000328	.0002858
Stddev	.0001054	.001459	.000156	.012834	.0001148	.0006450
%RSD	28.40719	49.17806	266.8330	1045.946	349.8032	225.6429
#1	.0002965	-.001935	.000052	.007848	-.000048	.0007419
#2	.0004456	-.003999	-.000169	-.010302	.000114	-.000170
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000389	F .2471642	.1020217	.0007432	.0050033	-.000484
Stddev	.000112	.0623024	.0129493	.0000668	.0911182	.000687
%RSD	28.81697	25.20690	12.69269	8.987730	1821.149	142.1281
#1	-.000310	.2912187	.0928652	.0007904	-.059427	.000002
#2	-.000468	.2031097	.1111783	.0006960	.069434	-.000970
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.2000000				
Low Limit		-.200000				

Sample Name: CCB Acquired: 12/3/2021 21:37:34 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000002**	**-.002288**	**.0007197**	**.0002483**	**-.000030**	**-.002178**
Stddev	.000142	.005289	.0002595	.0010268	.001319	.000124
%RSD	6045.344	231.1675	36.06362	413.5474	4428.249	5.705616
#1	.000098	.001452	.0009032	.0009744	-.000963	-.002266
#2	-.000103	-.006028	.0005362	-.000478	.000903	-.002090
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.011071**	**-.000614**	**.0000443**	**-.000022**	**-.000162**	**-.000049**
Stddev	.000369	.000655	.0000208	.000165	.000735	.000114
%RSD	3.336832	106.8035	46.99735	764.2370	452.3618	233.5048
#1	-.011332	-.000150	.0000590	.000095	.000357	.000032
#2	-.010810	-.001077	.0000296	-.000138	-.000682	-.000129
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.0001255**
Stddev	.0001929
%RSD	153.7514
#1	.0002618
#2	-.000011
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 12/3/2021 21:37:34 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2694.059	1637.902	8498.832	1269.430
Stddev	10.709	2.406	9.803	.405
%RSD	.3974934	.1468938	.1153446	.0319090
#1	2701.632	1639.604	8505.763	1269.143
#2	2686.487	1636.201	8491.900	1269.716

Sample Name: CCVL Acquired: 12/3/2021 21:40:51 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051677	.2274199	.0098727	.0517040	.0108433	.0044214
Stddev	.0003055	.0412714	.0019622	.0002864	.0000135	.0001971
%RSD	5.911327	18.14765	19.87516	.5539190	.1248001	4.458619
#1	.0053837	.2566032	.0084852	.0515015	.0108528	.0045608
#2	.0049517	.1982366	.0112602	.0519065	.0108337	.0042820
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0511527	.1877550	.0021892	-.040296	.0050715	.0107955
Stddev	.0019356	.0027888	.0000320	.016891	.0001151	.0003726
%RSD	3.784038	1.485325	1.463615	41.91738	2.268972	3.451472
#1	.0497840	.1857830	.0021666	-.052240	.0049901	.0105320
#2	.0525214	.1897269	.0022119	-.028352	.0051528	.0110590
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102408	F .2870376	.6027666	.0101768	.0704418	.0104776
Stddev	.0001433	.1804248	.0014354	.0004319	.0020561	.0010658
%RSD	1.399174	62.85755	.2381268	4.243570	2.918809	10.17273
#1	.0103421	.1594580	.6017517	.0104821	.0718957	.0112312
#2	.0101394	.4146173	.6037816	.0098714	.0689880	.0097239
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		.2000000				
Range		30.00000%				

Sample Name: CCVL Acquired: 12/3/2021 21:40:51 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094854	1.048524	.0109380	.0050506	.0221042	F .0069182
Stddev	.0003072	.004858	.0014870	.0011832	.0022493	.0044067
%RSD	3.238668	.4633043	13.59468	23.42791	10.17583	63.69746
#1	.0097026	1.045089	.0119895	.0058872	.0236947	.0100342
#2	.0092681	1.051959	.0098865	.0042139	.0205137	.0038022
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value						.0100000
Range						-30.0000%

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1779501	.0418351	.0052812	.0046999	.0098787	.0049160
Stddev	.0012037	.0004122	.0000184	.0001960	.0020797	.0001444
%RSD	.6764429	.9853704	.3491378	4.170695	21.05258	2.937564
#1	.1788012	.0415437	.0052942	.0048385	.0113493	.0050181
#2	.1770989	.0421266	.0052681	.0045612	.0084081	.0048139
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.0216162
Stddev	.0000968
%RSD	.4478318
#1	.0215477
#2	.0216846
Check ?	Chk Pass
Value	
Range	

Sample Name: CCVL Acquired: 12/3/2021 21:40:51 Type: QC
Method: P8120321B Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2678.842	1649.043	8522.505	1281.340
Stddev	1.507	2.869	10.040	.736
%RSD	.0562505	.1739644	.1178073	.0574771
#1	2679.907	1647.015	8515.406	1280.819
#2	2677.776	1651.072	8529.605	1281.861

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208568-1

SDG No.:

Project: BFD - Lead - 111521

Client Sample ID	Lab Sample ID
SS-027	500-208568-1
DUP-03	500-208568-2
SS-028	500-208568-3
SS-029	500-208568-4
SS-030	500-208568-5
SS-031	500-208568-6
SS-032	500-208568-7
SS-033	500-208568-9
SS-034	500-208568-10
SS-035	500-208568-11
SS-036	500-208568-12
SS-037	500-208568-13
SS-038	500-208568-14

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208568-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture MDL Date: 11/01/2005 09:02

Analyte	Wavelength/ Mass	RL (%)	MDL (%)
Percent Moisture		0.1	0.1
Percent Solids		0.1	0.1

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Instrument ID: NOEQUIP Analysis Method: Moisture

Start Date: 11/23/2021 15:01 End Date: 11/23/2021 15:01

Lab Sample Id	D/F	Type	Time	Analytes																									
				% Sol	Moist																								
500-208568-1	1	T	15:01	X	X																								
500-208568-1 DU	1	T	15:01	X	X																								
500-208568-2	1	T	15:01	X	X																								
500-208568-3	1	T	15:01	X	X																								
500-208568-4	1	T	15:01	X	X																								
500-208568-5	1	T	15:01	X	X																								
500-208568-6	1	T	15:01	X	X																								
500-208568-7	1	T	15:01	X	X																								
500-208568-9	1	T	15:01	X	X																								
500-208568-10	1	T	15:01	X	X																								
500-208568-11	1	T	15:01	X	X																								
500-208568-12	1	T	15:01	X	X																								
500-208568-13	1	T	15:01	X	X																								
500-208568-14	1	T	15:01	X	X																								
ZZZZZZ			15:01																										
ZZZZZZ			15:01																										
ZZZZZZ			15:01																										
ZZZZZZ			15:01																										
ZZZZZZ			15:01																										
ZZZZZZ			15:01																										
ZZZZZZ			15:01																										

Prep Types:
T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Batch Number: 630637 Batch Start Date: 11/23/21 15:01 Batch Analyst: Nelson, Larry W

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid
500-208568-A-1	SS-027	Moisture	T	75	1.26 g	12.19 g	9.29 g	26.532479414455 6 %	73.467520585544 4 %
500-208568-A-1 DU	SS-027	Moisture	T	76	1.27 g	12.45 g	9.53 g	26.118067978533 1 %	73.881932021466 9 %
500-208568-A-2	DUP-03	Moisture	T	77	1.25 g	11.98 g	9.19 g	26.001863932898 4 %	73.998136067101 6 %
500-208568-A-3	SS-028	Moisture	T	78	1.26 g	12.31 g	8.90 g	30.859728506787 3 %	69.140271493212 7 %
500-208568-A-4	SS-029	Moisture	T	79	1.26 g	12.03 g	9.62 g	22.376973073351 9 %	77.623026926648 1 %
500-208568-A-5	SS-030	Moisture	T	80	1.24 g	12.55 g	8.93 g	32.007073386383 7 %	67.992926613616 3 %
500-208568-A-6	SS-031	Moisture	T	81	1.25 g	12.57 g	9.91 g	23.498233215547 7 %	76.501766784452 3 %
500-208568-A-7	SS-032	Moisture	T	82	1.26 g	12.31 g	7.11 g	47.058823529411 8 %	52.941176470588 2 %
500-208568-A-9	SS-033	Moisture	T	83	1.25 g	12.34 g	8.46 g	34.986474301172 2 %	65.013525698827 8 %
500-208568-A-10	SS-034	Moisture	T	84	1.25 g	12.87 g	9.36 g	30.206540447504 3 %	69.793459552495 7 %
500-208568-A-11	SS-035	Moisture	T	85	1.28 g	12.86 g	7.95 g	42.400690846286 7 %	57.599309153713 3 %
500-208568-A-12	SS-036	Moisture	T	86	1.26 g	12.08 g	9.55 g	23.382624768946 4 %	76.617375231053 6 %
500-208568-A-13	SS-037	Moisture	T	87	1.25 g	12.55 g	8.89 g	32.389380530973 5 %	67.610619469026 5 %
500-208568-A-14	SS-038	Moisture	T	88	1.25 g	13.53 g	10.25 g	26.710097719869 7 %	73.289902280130 3 %

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208568-1

SDG No.:

Batch Number: 630637 Batch Start Date: 11/23/21 15:01 Batch Analyst: Nelson, Larry W

Batch Method: Moisture Batch End Date:

Batch Notes	
Balance ID	C-971
Oven ID	C-0776
Thermometer ID	3364
Date samples were placed in the oven	11/23/2021
Time samples were place in the oven	15:01
Temperature - Start - Uncorrected	105.3 Degrees C
Oven Temp In	105.1 Degrees C
Date samples were removed from oven	11/24/2021
Time Samples were removed from oven	05:25

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

General Chemistry Raw Data Report

Job ID: 500-208568-1

Batch: 630637
Method: Moisture

Analyst Initials: LWN
Instrument: No Equipment Assigned to The Batch

Lab Sample ID: 500-208568-A-1

Analysis Date: Nov 23, 2021 15:01

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	26.5324794144556	%
Percent Solids	None	1	73.4675205855444	%

Lab Sample ID: 500-208568-A-1 DU

Analysis Date: Nov 23, 2021 15:01

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	26.1180679785331	%
Percent Solids	None	1	73.8819320214669	%

Lab Sample ID: 500-208568-A-2

Analysis Date: Nov 23, 2021 15:01

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	26.0018639328984	%
Percent Solids	None	1	73.9981360671016	%

Lab Sample ID: 500-208568-A-3

Analysis Date: Nov 23, 2021 15:01

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	30.8597285067873	%
Percent Solids	None	1	69.1402714932127	%

Lab Sample ID: 500-208568-A-4

Analysis Date: Nov 23, 2021 15:01

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	22.3769730733519	%
Percent Solids	None	1	77.6230269266481	%

Lab Sample ID: 500-208568-A-5

Analysis Date: Nov 23, 2021 15:01

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	32.0070733863837	%
Percent Solids	None	1	67.9929266136163	%

Lab Sample ID: 500-208568-A-6

Analysis Date: Nov 23, 2021 15:01

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	23.4982332155477	%
Percent Solids	None	1	76.5017667844523	%

Lab Sample ID: 500-208568-A-7

Analysis Date: Nov 23, 2021 15:01

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	47.0588235294118	%
Percent Solids	None	1	52.9411764705882	%

Lab Sample ID: 500-208568-A-9

Analysis Date: Nov 23, 2021 15:01

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	34.9864743011722	%
Percent Solids	None	1	65.0135256988278	%

Batch: 630637 (Continued)
Method: Moisture

Analyst Initials: LWN
Instrument: No Equipment Assigned to The Batch

Lab Sample ID: 500-208568-A-10 **Analysis Date: Nov 23, 2021 15:01**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	30.2065404475043	%
Percent Solids	None	1	69.7934595524957	%

Lab Sample ID: 500-208568-A-11 **Analysis Date: Nov 23, 2021 15:01**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	42.4006908462867	%
Percent Solids	None	1	57.5993091537133	%

Lab Sample ID: 500-208568-A-12 **Analysis Date: Nov 23, 2021 15:01**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	23.3826247689464	%
Percent Solids	None	1	76.6173752310536	%

Lab Sample ID: 500-208568-A-13 **Analysis Date: Nov 23, 2021 15:01**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	32.3893805309735	%
Percent Solids	None	1	67.6106194690265	%

Lab Sample ID: 500-208568-A-14 **Analysis Date: Nov 23, 2021 15:01**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	26.7100977198697	%
Percent Solids	None	1	73.2899022801303	%

1311_T Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 500-631111 Analyst: Ethridge, Anne Batch Open: 11/26/2021 2:47:00PM

Batch End: 11/27/2021 8:47:00AM

TCLP Extraction

	Input Sample Lab ID (Analytical Method)	SDG (Job #)	Matrix	Initial Amount	Final Amount	Due Date	Analytical TAT	Dlv Rank	Comments	Output Sample Lab ID
1	LB~500-631111/1 N/A	N/A				N/A	N/A	N/A		
2	LB~500-631111/2 N/A	N/A				N/A	N/A	N/A		
3	500-208725-F-17 (7470A)	N/A (500-208725-1)	Solid			11/30/21	6_Days	2		
3	500-208725-F-17 (6010B)	N/A (500-208725-1)	Solid			11/30/21	6_Days	2		
3	500-208725-F-17 (6020A)	N/A (500-208725-1)	Solid			11/30/21	6_Days	2		
4	500-208725-F-18 (7470A)	N/A (500-208725-1)	Solid			11/30/21	6_Days	2		
4	500-208725-F-18 (6010B)	N/A (500-208725-1)	Solid			11/30/21	6_Days	2		
4	500-208725-F-18 (6020A)	N/A (500-208725-1)	Solid			11/30/21	6_Days	2		
5	500-208725-F-19 (7470A)	N/A (500-208725-1)	Solid			11/30/21	6_Days	2		
5	500-208725-F-19 (6010B)	N/A (500-208725-1)	Solid			11/30/21	6_Days	2		
5	500-208725-F-19 (6020A)	N/A (500-208725-1)	Solid			11/30/21	6_Days	2		
6	500-208725-F-20 (7470A)	N/A (500-208725-1)	Solid			11/30/21	6_Days	2		
6	500-208725-F-20 (6010B)	N/A (500-208725-1)	Solid			11/30/21	6_Days	2		
6	500-208725-F-20 (6020A)	N/A (500-208725-1)	Solid			11/30/21	6_Days	2		

1311_T Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 500-631111 Analyst: Ethridge, Anne Batch Open: 11/26/2021 2:47:00PM

Batch End: 11/27/2021 8:47:00AM

7	500-208725-F-21 (7470A)	N/A (500-208725-1)	Solid			11/30/21	6_Days	2	
7	500-208725-F-21 (6010B)	N/A (500-208725-1)	Solid			11/30/21	6_Days	2	
7	500-208725-F-21 (6020A)	N/A (500-208725-1)	Solid			11/30/21	6_Days	2	
8	500-208725-F-22 (7470A)	N/A (500-208725-1)	Solid			11/30/21	6_Days	2	
8	500-208725-F-22 (6010B)	N/A (500-208725-1)	Solid			11/30/21	6_Days	2	
8	500-208725-F-22 (6020A)	N/A (500-208725-1)	Solid			11/30/21	6_Days	2	
9	500-208725-F-23 (7470A)	N/A (500-208725-1)	Solid			11/30/21	6_Days	2	
9	500-208725-F-23 (6010B)	N/A (500-208725-1)	Solid			11/30/21	6_Days	2	
9	500-208725-F-23 (6020A)	N/A (500-208725-1)	Solid			11/30/21	6_Days	2	
10	500-208461-F-1 (6010B)	N/A (500-208461-1)	Solid			11/29/21	8_Days	2	
11	500-208461-F-2 (6010B)	N/A (500-208461-1)	Solid			11/29/21	8_Days	2	
12	500-208470-G-1 (7470A)	N/A (500-208470-1)	Solid			11/29/21	8_Days	2	
12	500-208470-G-1 (6010B)	N/A (500-208470-1)	Solid			11/29/21	8_Days	2	
13	500-208470-G-2 (7470A)	N/A (500-208470-1)	Solid			11/29/21	8_Days	2	
13	500-208470-G-2 (6010B)	N/A (500-208470-1)	Solid			11/29/21	8_Days	2	
14	500-208470-G-3 (7470A)	N/A (500-208470-1)	Solid			11/29/21	8_Days	2	
14	500-208470-G-3 (6010B)	N/A (500-208470-1)	Solid			11/29/21	8_Days	2	

1311_T Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 500-631111 Analyst: Ethridge, Anne Batch Open: 11/26/2021 2:47:00PM

Batch End: 11/27/2021 8:47:00AM

15	500-208568-A-8 (6010C)	N/A (500-208568-1)	Solid			11/29/21	7_Days	4	
16	500-208684-A-1 (6010B)	N/A (500-208684-1)	Solid			11/29/21	5_Days	2	
16	500-208684-A-1 (7470A)	N/A (500-208684-1)	Solid			11/29/21	5_Days	2	

1311_T Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 500-631111 Analyst: Ethridge, Anne Batch Open: 11/26/2021 2:47:00PM

Batch End: 11/27/2021 8:47:00AM

Batch Notes

Hot Plate ID	
Thermometer ID	
First Start time	
First End time	
Rotation Time for 10 Revolutions	
Rotator ID	C2854
Tumbler Rotations per Minute	top: 28, bottom: 28
Probe ID	
Balance ID	C2843
pH Meter ID	
pH Meter Calibration Slope	
Room Temperature Thermometer ID	C3024
Water Bath Thermometer ID	
Water Bath ID	
Uncorrected Water Bath Temperature	
Water Bath Temperature	
TCLP Fluid 1 ID	
TCLP Fluid 1 pH	
TCLP Fluid 2 ID	
TCLP Fluid 2 pH	

1311_T Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 500-631111 Analyst: Ethridge, Anne Batch Open: 11/26/2021 2:47:00PM

Batch End: 11/27/2021 8:47:00AM

Residual Chlorine Indicator ID	
pH Buffer 1 ID	
pH Buffer 2 ID	
pH Buffer 3 ID	
pH Buffer 4 ID	
Lot # of Nitric Acid	
1N HCl ID	
Filter ID	
Uncorrected Maximum Temperature	
Maximum Temperature	
Uncorrected Minimum Temperature	
Minimum Temperature	
Analyst ID - Spike Analyst	
Analyst ID - Spike Witness Analyst	
Bottle Lot ID	
Room Temperature during Rotation	21.0
Uncorrected Room Temperature	21.0
Batch Comment	T346; Pre-Batch 630944; Post-Batch 631106

General Chemistry Worksheet

Batch Number: 500-630944
Method: 1311
Analyst: Ethridge, Anne

Date Open: Nov 26 2021 9:27AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Pre-Test Sample Weight	Leach Sample Weight	MET_SPLPE_00172	MET_TCLP1_00346	MET_TCLP1_00347	MET_TCLP1_00348
CAL_2.0									
CAL_4.0									
CAL_7.0									
CAL_10.0									
CCV~500-630944/5									
500-208725-F-17	3941-A2-75 (0-2.3')			5.16 g	100.16 g		2000 mL/100g		
500-208725-F-18	3941-A2-76 (0-2.3')			5.22 g	100.15 g		2000 mL/100g		
500-208725-F-19	3941-A2-77 (0-2.3')			5.26 g	100.01 g			2000 mL/100g	
500-208725-F-20	3941-A2-78 (0-2.3')			5.16 g	100.37 g			2000 mL/100g	
500-208725-F-21	3941-A2-79 (0-2.3')			5.23 g	100.26 g			2000 mL/100g	
500-208725-F-22	3941-A2-80 (0-2.3')			5.25 g	100.12 g			2000 mL/100g	
500-208725-F-23	3941-A2-81 (0-2.3')			5.39 g	100.08 g			2000 mL/100g	
500-208461-F-1	CCDD-1			5.43 g	100.50 g			2000 mL/100g	
500-208461-F-2	CCDD-2			5.35 g	100.26 g			2000 mL/100g	
500-208470-G-1	S-1			5.41 g	100.05 g			2000 mL/100g	
CCV~500-630944/16		TCLP_pH_Pre_L							
500-208470-G-2	S-2			5.25 g	100.46 g			2000 mL/100g	
500-208470-F-3	S-3			5.25 g	100.24 g			2000 mL/100g	
500-208568-A-8	LS-02	TCLP_pH_Pre_L	P	5.06 g	90.26 g				2000 mL/100g
500-208684-A-1	Paint Chips			5.36 g	100.50 g				2000 mL/100g
splp_e_00170									
splp_e_00171									
splp_e_00172									
tclp_1_00345									
tclp_1_00346									

General Chemistry Worksheet

Batch Number: 500-630944
Method: 1311
Analyst: Ethridge, Anne

Date Open: Nov 26 2021 9:27AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	MET_TCLP2_00063
CAL_2.0				
CAL_4.0				
CAL_7.0				
CAL_10.0				
CCV~500-630944/5				
500-208725-F-17	3941-A2-75 (0-2.3')			
500-208725-F-18	3941-A2-76 (0-2.3')			
500-208725-F-19	3941-A2-77 (0-2.3')			
500-208725-F-20	3941-A2-78 (0-2.3')			
500-208725-F-21	3941-A2-79 (0-2.3')			
500-208725-F-22	3941-A2-80 (0-2.3')			
500-208725-F-23	3941-A2-81 (0-2.3')			
500-208461-F-1	CCDD-1			
500-208461-F-2	CCDD-2			
500-208470-G-1	S-1			
CCV~500-630944/16		TCLP_pH_Pre_L		
500-208470-G-2	S-2			
500-208470-F-3	S-3			
500-208568-A-8	LS-02	TCLP_pH_Pre_L	P	
500-208684-A-1	Paint Chips			
splp_e_00170				
splp_e_00171				
splp_e_00172				
tclp_1_00345				
tclp_1_00346				

General Chemistry Worksheet

Batch Number: 500-630944
Method: 1311
Analyst: Ethridge, Anne

Date Open: Nov 26 2021 9:27AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Pre-Test Sample Weight	Leach Sample Weight	MET_SPLPE_00172	MET_TCLP1_00346	MET_TCLP1_00347	MET_TCLP1_00348
tclp_1_00347									
CCV~500-630944/27		TCLP_pH_Pre_L							
tclp_1_00348									
tclp_2_00063									
CCV~500-630944/30		TCLP_pH_Pre_L							
LB~500-630944/31		TCLP_pH_Pre_L				2000 mL			
LB~500-630944/32									2000 mL
LB2~500-630944/33									

General Chemistry Worksheet

Batch Number: 500-630944
Method: 1311
Analyst: Ethridge, Anne

Date Open: Nov 26 2021 9:27AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	MET_TCLP2_00063
tclp_1_00347				
CCV~500-630944/27		TCLP_pH_Pre_L		
tclp_1_00348				
tclp_2_00063				
CCV~500-630944/30		TCLP_pH_Pre_L		
LB~500-630944/31		TCLP_pH_Pre_L		
LB~500-630944/32				
LB2~500-630944/33			2000 mL	

pH Meter ID:	2855
Probe ID:	Thermo Orion 9107BNMD
Thermometer ID:	0042, 328429, 16157
Hot Block ID:	3084
Balance ID:	2843
pH Buffer 1 ID:	2.00; 2109J74
pH Buffer 2 ID:	4.00; 2108J37
pH Buffer 3 ID:	7.00; 4105C86
pH Buffer 4 ID:	10.00; 4106G39
pH Buffer 5 ID:	7.00 (QC): 2107D19
Calibration Date and Time:	11/26/2021 07:49
pH Meter Calibration Slope:	98.5
Pipette/Syringe/Dispenser ID:	142137483.98
Acetic Acid ID:	265362
Sodium Hydroxide ID:	205820
Sulfuric Acid ID:	257458
Nitric Acid ID:	244827
Hydrochloric Acid ID:	281827
Bottle Lot ID:	0100401G

General Chemistry Worksheet

Batch Number: 500-630944
Method: 1311
Analyst: Ethridge, Anne

Date Open: Nov 26 2021 9:27AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Analysis comment	Comments
CAL_2.0					
CAL_4.0					
CAL_7.0					
CAL_10.0					
CCV~500-630944/5					
500-208725-F-17	3941-A2-75 (0-2.3')			HDPE	
500-208725-F-18	3941-A2-76 (0-2.3')			HDPE	
500-208725-F-19	3941-A2-77 (0-2.3')			HDPE	
500-208725-F-20	3941-A2-78 (0-2.3')			HDPE	
500-208725-F-21	3941-A2-79 (0-2.3')			HDPE	
500-208725-F-22	3941-A2-80 (0-2.3')			HDPE	
500-208725-F-23	3941-A2-81 (0-2.3')			HDPE	
500-208461-F-1	CCDD-1			HDPE	
500-208461-F-2	CCDD-2			HDPE	
500-208470-G-1	S-1			HDPE	
CCV~500-630944/16		TCLP_pH_Pre_L			
500-208470-G-2	S-2			HDPE	
500-208470-F-3	S-3			HDPE	
500-208568-A-8	LS-02	TCLP_pH_Pre_L	P	HDPE	
500-208684-A-1	Paint Chips			HDPE	
splp_e_00170					
splp_e_00171					
splp_e_00172					
tclp_1_00345					
tclp_1_00346					

General Chemistry Worksheet

Batch Number: 500-630944
Method: 1311
Analyst: Ethridge, Anne

Date Open: Nov 26 2021 9:27AM
Batch End:

Lab ID	Client ID	Method Chain	Basis	Comments Analysis comment
tclp_1_00347				
CCV~500-630944/27		TCLP_pH_Pre_L		
tclp_1_00348				
tclp_2_00063				
CCV~500-630944/30		TCLP_pH_Pre_L		
LB~500-630944/31		TCLP_pH_Pre_L		HDPE
LB~500-630944/32				HDPE
LB2~500-630944/33				HDPE

Batch Comment: T346

General Chemistry Worksheet

Batch Number: 500-631106
Method: 1311
Analyst: Ethridge, Anne

Date Open: Nov 29 2021 5:12PM
Batch End: Nov 29 2021 5:31PM

Lab ID	Client ID	Method Chain	Basis	Metals Filtrate Preserved
CAL_2.0				
CAL_4.0				
CAL_7.0				
CAL_10.0				
CCV~500-631106/5				
500-208725-F-17	3941-A2-75 (0-2.3')			Preserved 0756
500-208725-F-18	3941-A2-76 (0-2.3')			Preserved 0756
500-208725-F-19	3941-A2-77 (0-2.3')			Preserved 0756
500-208725-F-20	3941-A2-78 (0-2.3')			Preserved 0756
500-208725-F-21	3941-A2-79 (0-2.3')			Preserved 0756
500-208725-F-22	3941-A2-80 (0-2.3')			Preserved 0756
500-208725-F-23	3941-A2-81 (0-2.3')			Preserved 0756
500-208461-F-1	CCDD-1			Preserved 0756
500-208461-F-2	CCDD-2			Preserved 0756
500-208470-G-1	S-1			Preserved 0756
CCV~500-631106/16		TCLP_pH_Post_L		
500-208470-F-2	S-2			Preserved 0756
500-208470-F-3	S-3			Preserved 0756
500-208568-A-8	LS-02	TCLP_pH_Post_L	P	Preserved 0756
500-208684-A-1	Paint Chips			Preserved 0756
LB~500-631111/1-A		TCLP_pH_Post_L		Preserved 0756
500-208725-F-22~MS				Spike 0755 Preserved 0756, BE
CCV~500-631106/23		TCLP_pH_Post_L		

Probe ID:	Thermo 9107BNMD
pH Buffer 1 ID:	2.0 2012698
pH Buffer 2 ID:	4.0 2108J37
pH Buffer 3 ID:	7.0 4106K30
pH Buffer 4 ID:	10.0 4106G39
pH Buffer 5 ID:	7.0 QC 2107D19
Calibration Date and Time:	11/29/2021 10:53
pH Meter Calibration Slope:	99.0
Thermometer ID:	C3024
Bottle Lot ID:	400401G
Nitric Acid ID:	1121051

Chain of Custody Record 442253

Environment Testing
TestAmerica

500-208568 COC

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager	Site Contact	Date	COC No
Company Name VET ENVIRONMENTAL	Robin Kintz	JUSTIN KOHL	11/16/21	1 of 2 COCs
Address 7335 W. FOUNTAIN DRIVE	Tel/Email	Lab Contact	Carrier	Sampler
City/State/Zip Bloomington, IN 47404	Analysis Turnaround Time			For Lab Use Only
Phone 812 822 0400	☐ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client
Fax	TAT if different from Below ASAP			Lab Sampling
Project Name BFD-LEAD-111621	☐ 2 weeks			
Site Bloomington, IN	☒ 1 week			Job / SDG No 500-208568
P O #	☐ 2 days			
	☐ 1 day			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	LEAD	TCLP LEAD	Sample Specific Notes
1	SS-027	11/16/21	0915	G	S	1			X		
2	DUP-03	11/16/21	—	G	S	1			X		
3	SS-028	11/16/21	0926	G	S	1			X		
4	SS-029	11/16/21	0936	G	S	1			X		
5	SS-030	11/16/21	1020	G	S	1			X		
6	SS-031	11/16/21	1039	G	S	1			X		
7	SS-032	11/16/21	1049	G	S	1			X		
8	SS-07	11/16/21	1125	G	S	1				X	
9	SS-033	11/16/21	1240	G	S	1			X		
10	SS-034	11/16/21	1251	G	S	1			X		
11	SS-035	11/16/21	1301	G	S	1			X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments

Custody Seals Intact	Custody Seal No	Cooler Temp (°C) Obs'd	Corr'd	Therm ID No
☐ Yes ☐ No		1.4	0.4	

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
JUSTIN KOHL	VET ENV.	11/16/21 1800			
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time

Chain of Custody Record 442254

eurofins Environment Testing TestAmerica

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager R. Kintz	Site Contact JUSTIN KOLK	Date 11/16/21	COC No 2 of 2 COCs
Company Name VET ENVIRONMENTAL	Tel/Email	Lab Contact	Carrier	Sampler
Address 2335 W. FOUNTAIN DR	Analysis Turnaround Time			For Lab Use Only
City/State/Zip Bloomington, IN 47404	☐ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client
Phone 812 822 0400	TAT if different from Below ASAP			Lab Sampling
Fax	☐ 2 weeks			
Project Name BFD-LEAD-111621	☒ 1 week			Job/SDG No 500-208568
Site Bloomington, IN	☐ 2 days			
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	LEAD	Sample Specific Notes
12 SS-036	11/16/21	1507	G	S	1			X	
13 SS-037	11/16/21	1517	G	S	1			X	
14 SS-038	11/16/21	1546	G	S	1			X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments

Custody Seals Intact ☐ Yes ☐ No | Custody Seal No | Cooler Temp (°C) Obs'd _____ Corr'd _____ | Therm ID No _____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
JUSTIN KOLK	VET ENVIRONMENTAL	11/16/1800		EA	11-17-21 1025
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time

Login Sample Receipt Checklist

Client: VET Environmental Engineering, LLC

Job Number: 500-208568-1

Login Number: 208568
List Number: 1
Creator: James, Jeff A

List Source: Eurofins TestAmerica, Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Job Number: 500-208626-1

Job Description: 21-83 BFD Lead 111721

For:
VET Environmental Engineering, LLC
2335 W. Fountain Drive
Bloomington, IN 47404

Attention: Ms. Sara R Hamidovic

Approved for release.
Robin M Kintz
Project Manager II
11/24/2021 10:03 AM

Robin M Kintz, Project Manager II
2417 Bond Street, University Park, IL, 60484
(708)534-5200
Robin.Kintz@Eurofinset.com
11/24/2021

All questions regarding this test report should be directed to the TestAmerica Project Manager whose signature appears on this report. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
500-208626-1

Comments
No additional comments.

Receipt
The samples were received on 11/18/2021 10:20 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was -1.4º C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: VET Environmental Engineering, LLC
Project/Site: 21-83 BFD Lead 111721

Job ID: 500-208626-1

Client Sample ID: SS-039 — Lab Sample ID: 500-208626-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	28		0.72		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-040 — Lab Sample ID: 500-208626-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	22		0.59		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-041 — Lab Sample ID: 500-208626-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	13		0.64		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-042 — Lab Sample ID: 500-208626-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.5		0.49		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-043 — Lab Sample ID: 500-208626-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.9		0.62		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-044 — Lab Sample ID: 500-208626-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	77		0.68		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-045 — Lab Sample ID: 500-208626-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	34		0.67		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-046 — Lab Sample ID: 500-208626-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	18		0.55		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: DUP-4 — Lab Sample ID: 500-208626-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	20		0.61		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-047 — Lab Sample ID: 500-208626-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	25		0.66		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-048 — Lab Sample ID: 500-208626-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	24		0.70		mg/Kg	1	☼	6010C	Total/NA

Client Sample ID: SS-049 — Lab Sample ID: 500-208626-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	25		0.63		mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS-039
Lab Sample ID: 500-208626-1
Date Collected: 11/17/21 09:27
Matrix: Solid
Date Received: 11/18/21 10:20
Percent Solids: 67.3

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	28		0.72		mg/Kg	☼	11/23/21 05:21	11/23/21 20:32	1

Client Sample ID: SS-040
Lab Sample ID: 500-208626-2
Date Collected: 11/17/21 09:53
Matrix: Solid
Date Received: 11/18/21 10:20
Percent Solids: 73.2

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	22		0.59		mg/Kg	☼	11/23/21 05:21	11/23/21 20:35	1

Client Sample ID: SS-041
Lab Sample ID: 500-208626-3
Date Collected: 11/17/21 10:05
Matrix: Solid
Date Received: 11/18/21 10:20
Percent Solids: 68.1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	13		0.64		mg/Kg	☼	11/23/21 05:21	11/23/21 20:45	1

Client Sample ID: SS-042
Lab Sample ID: 500-208626-4

Date Collected: 11/17/21 10:35
Matrix: Solid
Date Received: 11/18/21 10:20
Percent Solids: 88.0

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.5		0.49		mg/Kg	☼	11/23/21 05:21	11/23/21 20:48	1

Client Sample ID: SS-043
Lab Sample ID: 500-208626-5
Date Collected: 11/17/21 10:47
Matrix: Solid
Date Received: 11/18/21 10:20
Percent Solids: 74.7

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.9		0.62		mg/Kg	☼	11/23/21 05:21	11/23/21 20:51	1

Client Sample ID: SS-044
Lab Sample ID: 500-208626-6
Date Collected: 11/17/21 11:02
Matrix: Solid
Date Received: 11/18/21 10:20
Percent Solids: 69.5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	77		0.68		mg/Kg	☼	11/23/21 05:21	11/23/21 20:55	1

Client Sample Results

Client: VET Environmental Engineering, LLC
Job ID: 500-208626-1
Project/Site: 21-83 BFD Lead 111721

Client Sample ID: SS-045
Lab Sample ID: 500-208626-7
Date Collected: 11/17/21 11:40
Matrix: Solid
Date Received: 11/18/21 10:20
Percent Solids: 71.0

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	34		0.67		mg/Kg	☼	11/23/21 05:21	11/23/21 20:58	1

Client Sample ID: SS-046
Lab Sample ID: 500-208626-8
Date Collected: 11/17/21 12:48
Matrix: Solid
Date Received: 11/18/21 10:20
Percent Solids: 81.3

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	18		0.55		mg/Kg	☼	11/23/21 05:21	11/23/21 21:01	1

Client Sample ID: DUP-4
Lab Sample ID: 500-208626-9

Date Collected: 11/17/21 00:00
Matrix: Solid

Date Received: 11/18/21 10:20
Percent Solids: 80.1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	20		0.61		mg/Kg	☼	11/23/21 05:21	11/23/21 21:04	1

Client Sample ID: SS-047
Date Collected: 11/17/21 13:07
Date Received: 11/18/21 10:20

Lab Sample ID: 500-208626-10
Matrix: Solid
Percent Solids: 71.5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	25		0.66		mg/Kg	☼	11/23/21 05:21	11/23/21 21:07	1

Client Sample ID: SS-048
Lab Sample ID: 500-208626-11
Date Collected: 11/17/21 13:25
Matrix: Solid
Date Received: 11/18/21 10:20
Percent Solids: 62.5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	24		0.70		mg/Kg	☼	11/23/21 05:21	11/23/21 21:11	1

Client Sample ID: SS-049
Lab Sample ID: 500-208626-12
Date Collected: 11/17/21 13:45
Matrix: Solid
Date Received: 11/18/21 10:20
Percent Solids: 73.0

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	25		0.63		mg/Kg	☼	11/23/21 05:21	11/23/21 21:14	1

Default Detection Limits

Client: VET Environmental Engineering, LLC
Project/Site: 21-83 BFD Lead 111721

Job ID: 500-208626-1

Method: 6010C - Metals (ICP)

Prep: 3050B

Analyte	RL	MDL	Units
Lead	0.50	0.23	mg/Kg

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 500-630433/1-A
Matrix: Solid
Analysis Batch: 630724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630433

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.50		0.50		mg/Kg		11/23/21 05:21	11/23/21 19:45	1

Lab Sample ID: LCS 500-630433/2-A
Matrix: Solid
Analysis Batch: 630724

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	10.0	8.62		mg/Kg		86	80 - 120

Metals

Prep Batch: 630433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208626-1	SS-039	Total/NA	Solid	3050B	
500-208626-2	SS-040	Total/NA	Solid	3050B	
500-208626-3	SS-041	Total/NA	Solid	3050B	
500-208626-4	SS-042	Total/NA	Solid	3050B	
500-208626-5	SS-043	Total/NA	Solid	3050B	
500-208626-6	SS-044	Total/NA	Solid	3050B	
500-208626-7	SS-045	Total/NA	Solid	3050B	
500-208626-8	SS-046	Total/NA	Solid	3050B	
500-208626-9	DUP-4	Total/NA	Solid	3050B	
500-208626-10	SS-047	Total/NA	Solid	3050B	
500-208626-11	SS-048	Total/NA	Solid	3050B	
500-208626-12	SS-049	Total/NA	Solid	3050B	
MB 500-630433/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-630433/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 630724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208626-1	SS-039	Total/NA	Solid	6010C	630433
500-208626-2	SS-040	Total/NA	Solid	6010C	630433
500-208626-3	SS-041	Total/NA	Solid	6010C	630433
500-208626-4	SS-042	Total/NA	Solid	6010C	630433
500-208626-5	SS-043	Total/NA	Solid	6010C	630433
500-208626-6	SS-044	Total/NA	Solid	6010C	630433
500-208626-7	SS-045	Total/NA	Solid	6010C	630433
500-208626-8	SS-046	Total/NA	Solid	6010C	630433
500-208626-9	DUP-4	Total/NA	Solid	6010C	630433
500-208626-10	SS-047	Total/NA	Solid	6010C	630433
500-208626-11	SS-048	Total/NA	Solid	6010C	630433
500-208626-12	SS-049	Total/NA	Solid	6010C	630433
MB 500-630433/1-A	Method Blank	Total/NA	Solid	6010C	630433
LCS 500-630433/2-A	Lab Control Sample	Total/NA	Solid	6010C	630433

General Chemistry

Analysis Batch: 630108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-208626-1	SS-039	Total/NA	Solid	Moisture	
500-208626-2	SS-040	Total/NA	Solid	Moisture	
500-208626-3	SS-041	Total/NA	Solid	Moisture	
500-208626-4	SS-042	Total/NA	Solid	Moisture	
500-208626-5	SS-043	Total/NA	Solid	Moisture	
500-208626-6	SS-044	Total/NA	Solid	Moisture	
500-208626-7	SS-045	Total/NA	Solid	Moisture	
500-208626-8	SS-046	Total/NA	Solid	Moisture	
500-208626-9	DUP-4	Total/NA	Solid	Moisture	
500-208626-10	SS-047	Total/NA	Solid	Moisture	
500-208626-11	SS-048	Total/NA	Solid	Moisture	
500-208626-12	SS-049	Total/NA	Solid	Moisture	

Client Sample ID: SS-039 — **Lab Sample ID: 500-208626-1**
Date Collected: 11/17/21 09:27 — **Matrix: Solid**
Date Received: 11/18/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630108	11/21/21 04:12	PFK	TAL CHI

Client Sample ID: SS-039 — **Lab Sample ID: 500-208626-1**
Date Collected: 11/17/21 09:27 — **Matrix: Solid**
Date Received: 11/18/21 10:20 — **Percent Solids: 67.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			630433	11/23/21 05:21	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630724	11/23/21 20:32	JJB	TAL CHI

Client Sample ID: SS-040 — **Lab Sample ID: 500-208626-2**
Date Collected: 11/17/21 09:53 — **Matrix: Solid**
Date Received: 11/18/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630108	11/21/21 04:12	PFK	TAL CHI

Client Sample ID: SS-040 — **Lab Sample ID: 500-208626-2**
Date Collected: 11/17/21 09:53 — **Matrix: Solid**
Date Received: 11/18/21 10:20 — **Percent Solids: 73.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			630433	11/23/21 05:21	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630724	11/23/21 20:35	JJB	TAL CHI

Client Sample ID: SS-041 — **Lab Sample ID: 500-208626-3**
Date Collected: 11/17/21 10:05 — **Matrix: Solid**
Date Received: 11/18/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630108	11/21/21 04:12	PFK	TAL CHI

Client Sample ID: SS-041 — **Lab Sample ID: 500-208626-3**
Date Collected: 11/17/21 10:05 — **Matrix: Solid**
Date Received: 11/18/21 10:20 — **Percent Solids: 68.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			630433	11/23/21 05:21	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630724	11/23/21 20:45	JJB	TAL CHI

Client Sample ID: SS-042 — **Lab Sample ID: 500-208626-4**
Date Collected: 11/17/21 10:35 — **Matrix: Solid**
Date Received: 11/18/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630108	11/21/21 04:12	PFK	TAL CHI

Client Sample ID: SS-042
Date Collected: 11/17/21 10:35
Date Received: 11/18/21 10:20

Lab Sample ID: 500-208626-4
Matrix: Solid
Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			630433	11/23/21 05:21	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630724	11/23/21 20:48	JJB	TAL CHI

Client Sample ID: SS-043
Date Collected: 11/17/21 10:47
Date Received: 11/18/21 10:20

Lab Sample ID: 500-208626-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630108	11/21/21 04:12	PFK	TAL CHI

Client Sample ID: SS-043
Date Collected: 11/17/21 10:47
Date Received: 11/18/21 10:20

Lab Sample ID: 500-208626-5
Matrix: Solid
Percent Solids: 74.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			630433	11/23/21 05:21	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630724	11/23/21 20:51	JJB	TAL CHI

Client Sample ID: SS-044
Date Collected: 11/17/21 11:02
Date Received: 11/18/21 10:20

Lab Sample ID: 500-208626-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630108	11/21/21 04:12	PFK	TAL CHI

Client Sample ID: SS-044
Date Collected: 11/17/21 11:02
Date Received: 11/18/21 10:20

Lab Sample ID: 500-208626-6
Matrix: Solid
Percent Solids: 69.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			630433	11/23/21 05:21	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630724	11/23/21 20:55	JJB	TAL CHI

Client Sample ID: SS-045
Date Collected: 11/17/21 11:40
Date Received: 11/18/21 10:20

Lab Sample ID: 500-208626-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630108	11/21/21 04:12	PFK	TAL CHI

Client Sample ID: SS-045
Date Collected: 11/17/21 11:40
Date Received: 11/18/21 10:20

Lab Sample ID: 500-208626-7
Matrix: Solid
Percent Solids: 71.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			630433	11/23/21 05:21	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630724	11/23/21 20:58	JJB	TAL CHI

Client Sample ID: SS-046
Date Collected: 11/17/21 12:48
Date Received: 11/18/21 10:20

Lab Sample ID: 500-208626-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630108	11/21/21 04:12	PFK	TAL CHI

Client Sample ID: SS-046
Date Collected: 11/17/21 12:48
Date Received: 11/18/21 10:20

Lab Sample ID: 500-208626-8
Matrix: Solid
Percent Solids: 81.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			630433	11/23/21 05:21	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630724	11/23/21 21:01	JJB	TAL CHI

Client Sample ID: DUP-4
Date Collected: 11/17/21 00:00
Date Received: 11/18/21 10:20

Lab Sample ID: 500-208626-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630108	11/21/21 04:12	PFK	TAL CHI

Client Sample ID: DUP-4
Date Collected: 11/17/21 00:00
Date Received: 11/18/21 10:20

Lab Sample ID: 500-208626-9
Matrix: Solid
Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			630433	11/23/21 05:21	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630724	11/23/21 21:04	JJB	TAL CHI

Client Sample ID: SS-047
Date Collected: 11/17/21 13:07
Date Received: 11/18/21 10:20

Lab Sample ID: 500-208626-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630108	11/21/21 04:12	PFK	TAL CHI

Client Sample ID: SS-047
Date Collected: 11/17/21 13:07
Date Received: 11/18/21 10:20

Lab Sample ID: 500-208626-10
Matrix: Solid
Percent Solids: 71.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			630433	11/23/21 05:21	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630724	11/23/21 21:07	JJB	TAL CHI

Client Sample ID: SS-048
Date Collected: 11/17/21 13:25
Date Received: 11/18/21 10:20

Lab Sample ID: 500-208626-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630108	11/21/21 04:12	PFK	TAL CHI

Client Sample ID: SS-048
Date Collected: 11/17/21 13:25
Date Received: 11/18/21 10:20

Lab Sample ID: 500-208626-11
Matrix: Solid
Percent Solids: 62.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			630433	11/23/21 05:21	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630724	11/23/21 21:11	JJB	TAL CHI

Client Sample ID: SS-049
Date Collected: 11/17/21 13:45
Date Received: 11/18/21 10:20

Lab Sample ID: 500-208626-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	630108	11/21/21 04:12	PFK	TAL CHI

Client Sample ID: SS-049
Date Collected: 11/17/21 13:45
Date Received: 11/18/21 10:20

Lab Sample ID: 500-208626-12
Matrix: Solid
Percent Solids: 73.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			630433	11/23/21 05:21	WRE	TAL CHI
Total/NA	Analysis	6010C		1	630724	11/23/21 21:14	JJB	TAL CHI

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: VET Environmental Engineering, LLC
Job ID: 500-208626-1
Project/Site: 21-83 BFD Lead 111721

Laboratory: Eurofins TestAmerica, Chicago

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2903	04-29-22
Georgia	State	N/A	04-29-22
Georgia (DW)	State	939	04-30-21 *
Hawaii	State	NA	04-29-22
Illinois	NELAP	IL00035	04-29-22
Indiana	State	C-IL-02	04-29-22
Iowa	State	082	05-01-22
Kansas	NELAP	E-10161	10-31-22
Kentucky (UST)	State	AI # 108083	04-29-22
Kentucky (WW)	State	KY90023	12-31-21
Louisiana	NELAP	02046	06-30-22
Mississippi	State	NA	04-30-22
North Carolina (WW/SW)	State	291	12-31-21
North Dakota	State	R-194	04-29-22
Oklahoma	State	8908	08-31-22
South Carolina	State	77001003	04-29-22
USDA	US Federal Programs	P330-18-00018	02-11-24
Wisconsin	State	999580010	08-31-22
Wyoming	State	8TMS-Q	04-30-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: VET Environmental Engineering, LLC
Job ID: 500-208626-1
Project/Site: 21-83 BFD Lead 111721

Method	Method Description	Protocol	Laboratory
6010C	Metals (ICP)	SW846	TAL CHI
Moisture	Percent Moisture	EPA	TAL CHI
3050B	Preparation, Metals	SW846	TAL CHI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: VET Environmental Engineering, LLC
Project/Site: 21-83 BFD Lead 111721

Job ID: 500-208626-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-208626-1	SS-039	Solid	11/17/21 09:27	11/18/21 10:20
500-208626-2	SS-040	Solid	11/17/21 09:53	11/18/21 10:20
500-208626-3	SS-041	Solid	11/17/21 10:05	11/18/21 10:20
500-208626-4	SS-042	Solid	11/17/21 10:35	11/18/21 10:20
500-208626-5	SS-043	Solid	11/17/21 10:47	11/18/21 10:20
500-208626-6	SS-044	Solid	11/17/21 11:02	11/18/21 10:20
500-208626-7	SS-045	Solid	11/17/21 11:40	11/18/21 10:20
500-208626-8	SS-046	Solid	11/17/21 12:48	11/18/21 10:20
500-208626-9	DUP-4	Solid	11/17/21 00:00	11/18/21 10:20
500-208626-10	SS-047	Solid	11/17/21 13:07	11/18/21 10:20
500-208626-11	SS-048	Solid	11/17/21 13:25	11/18/21 10:20
500-208626-12	SS-049	Solid	11/17/21 13:45	11/18/21 10:20

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
M21EICVIC_00001	02/19/22	05/17/21	acidic water, Lot 261535-275677	1000 mL	M20HSTKIC_00006	8 mL	Lead	0.4 ug/mL
.M20HSTKIC_00006	02/19/22	CPI International, Lot 10096466-3			(Purchased Reagent)		Lead	50 ug/mL
M21EISAIC_00001	03/24/22	05/10/21	acidic water, Lot 261535-275677	1000 mL	M21ESTKIC_00008	100 mL	Al	500 ug/mL
							Ca	500 ug/mL
							Fe	200 ug/mL
							Mg	500 ug/mL
.M21ESTKIC_00008	05/05/22	Inorganic Ventures, Lot P2-MEB688011			(Purchased Reagent)		Al	5000 ug/mL
							Ca	5000 ug/mL
							Fe	2000 ug/mL
							Mg	5000 ug/mL
M21HCRIIC_00002	07/19/22	08/23/21	acidic water, Lot 261535-271303	1000 mL	M21BSTKIC_00004	2 mL	Lead	10 ug/L
.M21BSTKIC_00004	07/19/22	CPI International, Lot 10096346-5			(Purchased Reagent)		Lead	5 ug/mL
M21JCCVIC_00001	06/18/22	10/08/21	acidic water, Lot 261535-275677	1000 mL	M21HSTKMS_00002	5 mL	Lead	0.5 ug/mL
.M21HSTKMS_00002	01/08/23	CPI International, Lot 10096462-15			(Purchased Reagent)		Lead	100 ug/mL
M21JCCVLIC_00002	07/19/22	10/08/21	acidic water, Lot 261535-281827	1000 mL	M21BSTKIC_00004	1 mL	Lead	0.005 ug/mL
.M21BSTKIC_00004	07/19/22	CPI International, Lot 10096346-5			(Purchased Reagent)		Lead	5 ug/mL
M21JISBIC_00001	02/19/22	10/08/21	acidic water, Lot 261535-281827	1000 mL	M20HSTKIC_00005	10 mL	Ag	0.2 ug/mL
							As	0.1 ug/mL
							Ba	0.5 ug/mL
							Be	0.5 ug/mL
							Cd	1 ug/mL
							Co	0.5 ug/mL
							Cr	0.5 ug/mL
							Cu	0.5 ug/mL
							Lead	0.05 ug/mL
							Mn	0.5 ug/mL
							Ni	1 ug/mL
							Sb	0.6 ug/mL
							Se	0.05 ug/mL
							Tl	0.1 ug/mL
							V	0.5 ug/mL
							Zn	1 ug/mL
					M21ESTKIC_00002	100 mL	Al	500 ug/mL
							Ca	500 ug/mL
							Fe	200 ug/mL
							Mg	500 ug/mL
.M20HSTKIC_00005	02/19/22	CPI International, Lot 10096462-9			(Purchased Reagent)		Ag	20 ug/mL
							As	10 ug/mL
							Ba	50 ug/mL
							Be	50 ug/mL
							Cd	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Co	50 ug/mL
							Cr	50 ug/mL
							Cu	50 ug/mL
							Lead	5 ug/mL
							Mn	50 ug/mL
							Ni	100 ug/mL
							Sb	60 ug/mL
							Se	5 ug/mL
							Tl	10 ug/mL
							V	50 ug/mL
							Zn	100 ug/mL
.M21ESTKIC_00002	09/18/22	CPI International, Lot 1102642-1			(Purchased Reagent)		Al	5000 ug/mL
							Ca	5000 ug/mL
							Fe	2000 ug/mL
							Mg	5000 ug/mL
M21JSPKIC_00001	03/24/22	10/05/21	Nitric Acid Water, Lot 261535	500 mL	M20JSTKIC_00003	50 mL	Al	200 ug/mL
							Ba	200 ug/mL
							Ca	1000 ug/mL
							K	1000 ug/mL
							Mg	1000 ug/mL
							Na	1000 ug/mL
					M20JSTKIC_00004	50 mL	As	10 ug/mL
							B	100 ug/mL
							Be	5 ug/mL
							Bi	50 ug/mL
							Cd	5 ug/mL
							Co	50 ug/mL
							Cr	20 ug/mL
							Cu	25 ug/mL
							Fe	100 ug/mL
							Lead	10 ug/mL
							Li	50 ug/mL
							Mn	50 ug/mL
							Ni	50 ug/mL
							Se	10 ug/mL
							Sr	100 ug/mL
							Tl	10 ug/mL
							V	50 ug/mL
							Zn	50 ug/mL
					M20JSTKIC_00005	50 mL	Ag	5 ug/mL
							Mo	100 ug/mL
							Sb	50 ug/mL
							Si	500 ug/mL
							Sn	100 ug/mL
							Ti	100 ug/mL
					M20KSTKIC_00001	4 mL	Lead	10 ug/mL
					M21CSTKIC_00009	3 mL	As	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					M21HSTKIC_00006	4.5 mL	Se	10 ug/mL
					M21HSTKIC_00009	2.5 mL	Tl	10 ug/mL
.M20JSTKIC_00003	03/24/22	CPI International, Lot 10107076-6			(Purchased Reagent)		Al	2000 ug/mL
							Ba	2000 ug/mL
							Ca	10000 ug/mL
							K	10000 ug/mL
							Mg	10000 ug/mL
							Na	10000 ug/mL
.M20JSTKIC_00004	03/24/22	CPI International, Lot 10107076-5			(Purchased Reagent)		As	40 ug/mL
							B	1000 ug/mL
							Be	50 ug/mL
							Bi	500 ug/mL
							Cd	50 ug/mL
							Co	500 ug/mL
							Cr	200 ug/mL
							Cu	250 ug/mL
							Fe	1000 ug/mL
							Lead	20 ug/mL
							Li	500 ug/mL
							Mn	500 ug/mL
							Ni	500 ug/mL
							Se	10 ug/mL
							Sr	1000 ug/mL
							Tl	50 ug/mL
							V	500 ug/mL
							Zn	500 ug/mL
.M20JSTKIC_00005	03/25/22	CPI International, Lot 10107076-4			(Purchased Reagent)		Ag	50 ug/mL
							Mo	1000 ug/mL
							Sb	500 ug/mL
							Si	5000 ug/mL
							Sn	1000 ug/mL
							Ti	1000 ug/mL
.M20KSTKIC_00001	04/12/22	CPI International, Lot 1046594-39			(Purchased Reagent)		Lead	1000 ug/mL
.M21CSTKIC_00009	07/11/22	CPI International, Lot 1034904-107			(Purchased Reagent)		As	1000 ug/mL
.M21HSTKIC_00006	01/22/23	CPI International, Lot 1063158-82			(Purchased Reagent)		Se	1000 ug/mL
.M21HSTKIC_00009	06/12/22	CPI International, Lot 1025512-56			(Purchased Reagent)		Tl	1000 ug/mL

METALS

COVER PAGE
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208626-1

SDG No.:

Project: 21-83 BFD Lead 111721

Client Sample ID	Lab Sample ID
SS-039	500-208626-1
SS-040	500-208626-2
SS-041	500-208626-3
SS-042	500-208626-4
SS-043	500-208626-5
SS-044	500-208626-6
SS-045	500-208626-7
SS-046	500-208626-8
DUP-4	500-208626-9
SS-047	500-208626-10
SS-048	500-208626-11
SS-049	500-208626-12

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-039 Lab Sample ID: 500-208626-1

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG ID.:

Matrix: Solid Date Sampled: 11/17/2021 09:27

Reporting Basis: DRY Date Received: 11/18/2021 10:20

% Solids: 67.3

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	28	0.72		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-040 Lab Sample ID: 500-208626-2

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG ID.:

Matrix: Solid Date Sampled: 11/17/2021 09:53

Reporting Basis: DRY Date Received: 11/18/2021 10:20

% Solids: 73.2

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	22	0.59		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-041 Lab Sample ID: 500-208626-3

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG ID.:

Matrix: Solid Date Sampled: 11/17/2021 10:05

Reporting Basis: DRY Date Received: 11/18/2021 10:20

% Solids: 68.1

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	13	0.64		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-042 Lab Sample ID: 500-208626-4

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG ID.:

Matrix: Solid Date Sampled: 11/17/2021 10:35

Reporting Basis: DRY Date Received: 11/18/2021 10:20

% Solids: 88.0

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	8.5	0.49		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-043 Lab Sample ID: 500-208626-5

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG ID.:

Matrix: Solid Date Sampled: 11/17/2021 10:47

Reporting Basis: DRY Date Received: 11/18/2021 10:20

% Solids: 74.7

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	6.9	0.62		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-044 Lab Sample ID: 500-208626-6

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG ID.:

Matrix: Solid Date Sampled: 11/17/2021 11:02

Reporting Basis: DRY Date Received: 11/18/2021 10:20

% Solids: 69.5

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	77	0.68		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-045 Lab Sample ID: 500-208626-7

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG ID.:

Matrix: Solid Date Sampled: 11/17/2021 11:40

Reporting Basis: DRY Date Received: 11/18/2021 10:20

% Solids: 71.0

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	34	0.67		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-046 Lab Sample ID: 500-208626-8

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG ID.:

Matrix: Solid Date Sampled: 11/17/2021 12:48

Reporting Basis: DRY Date Received: 11/18/2021 10:20

% Solids: 81.3

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	18	0.55		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: DUP-4 Lab Sample ID: 500-208626-9

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG ID.:

Matrix: Solid Date Sampled: 11/17/2021 00:00

Reporting Basis: DRY Date Received: 11/18/2021 10:20

% Solids: 80.1

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	20	0.61		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-047 Lab Sample ID: 500-208626-10

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG ID.:

Matrix: Solid Date Sampled: 11/17/2021 13:07

Reporting Basis: DRY Date Received: 11/18/2021 10:20

% Solids: 71.5

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	25	0.66		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-048 Lab Sample ID: 500-208626-11

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG ID.:

Matrix: Solid Date Sampled: 11/17/2021 13:25

Reporting Basis: DRY Date Received: 11/18/2021 10:20

% Solids: 62.5

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	24	0.70		mg/Kg			1	6010C

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SS-049 Lab Sample ID: 500-208626-12

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG ID.:

Matrix: Solid Date Sampled: 11/17/2021 13:45

Reporting Basis: DRY Date Received: 11/18/2021 10:20

% Solids: 73.0

CAS No.	Analyte	Result	RL		Units	C	Q	DIL	Method
7439-92-1	Lead	25	0.63		mg/Kg			1	6010C

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG No.:

ICV Source: M21EICVIC_00001 Concentration Units: mg/L

CCV Source: M21JCCVIC_00001

Analyte	ICV 500-630724/7 11/23/2021 17:30				CCV 500-630724/40 11/23/2021 19:18				CCV 500-630724/52 11/23/2021 19:58			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.407		0.400	102	0.511		0.500	102	0.512		0.500	102

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG No.:

ICV Source: M21EICVIC_00001 Concentration Units: mg/L

CCV Source: M21JCCVIC_00001

Analyte	CCV 500-630724/64 11/23/2021 20:39				CCV 500-630724/76 11/23/2021 21:17							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	0.512		0.500	102	0.511		0.500	102				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG No.:

ICV Source: M21JCCVLIC_00002 Concentration Units: mg/L

CCV Source: M21JCCVLIC_00002

Analyte	ICVL 500-630724/9 11/23/2021 17:37				CCVL 500-630724/103 11/23/2021 22:45							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Lead	<0.0050		0.00500	97	0.00580		0.00500	116				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG No.:

Method: 6010C Instrument ID: ICP6

Lab Sample ID: CRI 500-630724/10 Concentration Units: mg/L

CRQL Check Standard Source: M21HCRIIC_00002

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Lead	0.0100	0.00814		81	50-150

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	ICBIS 500-630724/8 11/23/2021 17:34		CCB 500-630724/41 11/23/2021 19:21		CCB 500-630724/53 11/23/2021 20:01		CCB 500-630724/65 11/23/2021 20:42	
		Found	C	Found	C	Found	C	Found	C
Lead	0.0050	<0.0050		<0.0050		<0.0050		<0.0050	

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG No.:

Concentration Units: mg/L

Analyte	RL	CCB 500-630724/77 11/23/2021 21:20							
		Found	C	Found	C	Found	C	Found	C
Lead	0.0050	<0.0050							

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 500-630433/1-A

Instrument Code: ICP6 Batch No.: 630724

CAS No.	Analyte	Concentration	C	Q	Method
7439-92-1	Lead	<0.50			6010C

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG No.:

Lab Sample ID: ICSA 500-630724/11 Instrument ID: ICP6

Lab File ID: P6112321B.asc ICS Source: M21EISAIC_00001

Concentration Units: mg/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Lead		**0.0036**	
Aluminum	*500*	*538*	*108*
Antimony		*-0.0061*	
Arsenic		*-0.0042*	
Barium		*0.0080*	
Beryllium		*0.0022*	
Bismuth		*0.0041*	
Boron		*-0.0014*	
Cadmium		*-0.0001*	
Calcium	*500*	*505*	*101*
Chromium		*-0.0011*	
Cobalt		*0.0004*	
Copper		*0.0007*	
Iron	*200*	*200*	*100*
Lithium		*0.0012*	
Magnesium	*500*	*495*	*99*
Manganese		*0.0026*	
Molybdenum		*-0.0006*	
Nickel		*0.0023*	
Potassium		*-0.0223*	
Selenium		*0.0039*	
Silicon		*-0.0122*	
Silver		*0.0003*	
Sodium		*0.0434*	
Strontium		*0.0018*	
Thallium		*-0.0027*	
Tin		*0.0111*	
Titanium		*0.0029*	
Vanadium		*-0.0008*	
Zinc		*0.0006*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG No.:

Lab Sample ID: ICSAB 500-630724/12 Instrument ID: ICP6

Lab File ID: P6112321B.asc ICS Source: M21JISBIC_00001

Concentration Units: mg/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Lead	**0.0500**	**0.0491**	**98**
Aluminum	*500*	*538*	*108*
Antimony	*0.600*	*0.601*	*100*
Arsenic	*0.100*	*0.0988*	*99*
Barium	*0.500*	*0.519*	*104*
Beryllium	*0.500*	*0.550*	*110*
Bismuth		*0.0083*	
Boron		*-0.0026*	
Cadmium	*1.00*	*1.07*	*107*
Calcium	*500*	*495*	*99*
Chromium	*0.500*	*0.433*	*87*
Cobalt	*0.500*	*0.514*	*103*
Copper	*0.500*	*0.561*	*112*
Iron	*200*	*199*	*99*
Lithium		*0.0013*	
Magnesium	*500*	*492*	*98*
Manganese	*0.500*	*0.492*	*98*
Molybdenum		*0.0008*	
Nickel	*1.00*	*0.996*	*100*
Potassium		*-0.0093*	
Selenium	*0.0500*	*0.0521*	*104*
Silicon		*0.0067*	
Silver	*0.200*	*0.207*	*104*
Sodium		*0.0427*	
Strontium		*0.0019*	
Thallium	*0.100*	*0.0915*	*92*
Tin		*0.0098*	
Titanium		*0.0033*	
Vanadium	*0.500*	*0.459*	*92*
Zinc	*1.00*	*0.991*	*99*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 500-630433/2-A

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

Sample Matrix: Solid LCS Source: M21JSPKIC_00001

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Lead	10.0	8.62		86	80	120		6010C

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208626-1

SDG Number:

Matrix: Solid Instrument ID: ICP6

Method: 6010C MDL Date: 03/29/2017 09:52

Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Lead		0.5	0.231

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208626-1

SDG Number:

Matrix: Solid Instrument ID: ICP6

Method: 6010C XMDL Date: 06/16/2010 15:46

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Lead		0.005	0.0025

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208626-1

SDG No.:

ICP-AES Instrument ID: ICP6 Date: 10/13/2021

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cu	Fe
Aluminum	308.215										0.000941				
Antimony	206.833		0.000029												
Arsenic	189.042		-0.000018												-0.000022
Barium	455.403										-0.000144				
Beryllium	234.861														
Bismuth	223.061														
Boron	208.959														
Cadmium	228.802			0.002171											0
Calcium	317.933														
Chromium	267.716														
Cobalt	228.616														
Copper	324.754														0.000021
Iron	271.441										-0.011085	0.050586			
Lead	220.353		-0.000047								0.000027				0.000069
Lithium	670.784														
Magnesium	279.079														
Manganese	257.610														
Molybdenum	202.030														-0.000034
Nickel	231.604		0.000008												0.000033
Potassium	766.490														
Selenium	196.090		-0.000002								0.000025				
Silicon	212.412														
Silver	328.068						0.000039				-0.010920				
Sodium	589.592														
Strontium	421.552		0.000013						0.000008		0.000284				
Thallium	190.856		0.000045								0.000540				-0.000071
Tin	189.989										0.000107				0.000022
Titanium	334.941	0.003434													
Vanadium	292.402														0.000035
Zinc	206.200														

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208626-1

SDG No.:

ICP-AES Instrument ID: ICP6 Date: 10/13/2021

Analyte	Wave Length	K	Li	Mg	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	Sn	Sr	Ti
Aluminum	308.215					0.007252									
Antimony	206.833														
Arsenic	189.042											-0.000204			
Barium	455.403														
Beryllium	234.861														
Bismuth	223.061														
Boron	208.959														
Cadmium	228.802											0.000021			
Calcium	317.933														
Chromium	267.716														
Cobalt	228.616														0.002231
Copper	324.754														
Iron	271.441			0.000100					0						
Lead	220.353									-0.000357		0.000135			
Lithium	670.784														
Magnesium	279.079														
Manganese	257.610														
Molybdenum	202.030														
Nickel	231.604	0.000016													
Potassium	766.490														
Selenium	196.090														
Silicon	212.412					0.058805				0.009312			0.028864		0.016825
Silver	328.068				0.000212										
Sodium	589.592														
Strontium	421.552														
Thallium	190.856				0.000269										
Tin	189.989														
Titanium	334.941														
Vanadium	292.402														
Zinc	206.200														

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job Number: 500-208626-1

SDG No.:

ICP-AES Instrument ID: ICP6 Date: 10/13/2021

Analyte	Wave Length	Tl	V	Zn											
Aluminum	308.215		0.067221												
Antimony	206.833														
Arsenic	189.042														
Barium	455.403														
Beryllium	234.861														
Bismuth	223.061														
Boron	208.959														
Cadmium	228.802														
Calcium	317.933														
Chromium	267.716														
Cobalt	228.616														
Copper	324.754														
Iron	271.441		0.003316												
Lead	220.353														
Lithium	670.784														
Magnesium	279.079														
Manganese	257.610														
Molybdenum	202.030														
Nickel	231.604														
Potassium	766.490														
Selenium	196.090														
Silicon	212.412														
Silver	328.068		0.000132												
Sodium	589.592														
Strontium	421.552														
Thallium	190.856		0.002191												
Tin	189.989														
Titanium	334.941														
Vanadium	292.402														
Zinc	206.200														

X-IN

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No: 500-208626-1

SDG No.:

Instrument ID: ICP6 Date: 01/02/2019 11:08

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Lead		100	6010C

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 500-630433/1-A	11/23/2021 05:21	630433	1		100
LCS 500-630433/2-A	11/23/2021 05:21	630433	1		100
500-208626-1	11/23/2021 05:21	630433	1.0276		100
500-208626-2	11/23/2021 05:21	630433	1.1550		100
500-208626-3	11/23/2021 05:21	630433	1.1420		100
500-208626-4	11/23/2021 05:21	630433	1.1538		100
500-208626-5	11/23/2021 05:21	630433	1.0841		100
500-208626-6	11/23/2021 05:21	630433	1.0617		100
500-208626-7	11/23/2021 05:21	630433	1.0505		100
500-208626-8	11/23/2021 05:21	630433	1.1103		100
500-208626-9	11/23/2021 05:21	630433	1.0168		100
500-208626-10	11/23/2021 05:21	630433	1.0643		100
500-208626-11	11/23/2021 05:21	630433	1.1415		100
500-208626-12	11/23/2021 05:21	630433	1.0873		100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG No.:

Instrument ID: ICP6 Analysis Method: 6010C

Start Date: 11/23/2021 17:11 End Date: 11/23/2021 22:55

Lab Sample Id	D/F	Type	Time	Analytes																								
				Pb																								
ZZZZZZ			17:11																									
ZZZZZZ			17:14																									
ZZZZZZ			17:17																									
ZZZZZZ			17:21																									
ZZZZZZ			17:24																									
ZZZZZZ			17:27																									
ICV 500-630724/7	1		17:30	X																								
ICBIS 500-630724/8	1		17:34	X																								
ICVL 500-630724/9	1		17:37	X																								
CRI 500-630724/10	1		17:40	X																								
ICSA 500-630724/11	1		17:44	X																								
ICSAB 500-630724/12	1		17:47	X																								
CCV 500-630724/13			17:50																									
CCB 500-630724/14			17:53																									
ZZZZZZ			17:56																									
ZZZZZZ			18:00																									
LRC 500-630724/17			18:03																									
ZZZZZZ			18:07																									
ZZZZZZ			18:10																									
ZZZZZZ			18:13																									
ZZZZZZ			18:17																									
ZZZZZZ			18:20																									
ZZZZZZ			18:23																									
ZZZZZZ			18:27																									
ZZZZZZ			18:30																									
ZZZZZZ			18:34																									
ZZZZZZ			18:37																									
CCV 500-630724/28			18:40																									
CCB 500-630724/29			18:43																									
ZZZZZZ			18:46																									
ZZZZZZ			18:49																									
ZZZZZZ			18:53																									
ZZZZZZ			18:56																									
ZZZZZZ			18:59																									
ZZZZZZ			19:02																									
ZZZZZZ			19:06																									
ZZZZZZ			19:09																									
ZZZZZZ			19:12																									
ZZZZZZ			19:15																									
CCV 500-630724/40	1		19:18	X																								
CCB 500-630724/41	1		19:21	X																								
ZZZZZZ			19:25																									

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG No.:

Instrument ID: ICP6 Analysis Method: 6010C

Start Date: 11/23/2021 17:11 End Date: 11/23/2021 22:55

Lab Sample Id	D/F	Type	Time	Analytes
				Pb
ZZZZZZ			19:28	
ZZZZZZ			19:31	
ZZZZZZ			19:34	
ZZZZZZ			19:38	
ZZZZZZ			19:41	
MB 500-630433/1-A	1	T	19:45	X
LCS 500-630433/2-A	1	T	19:48	X
ZZZZZZ			19:51	
ZZZZZZ			19:55	
CCV 500-630724/52	1		19:58	X
CCB 500-630724/53	1		20:01	X
ZZZZZZ			20:04	
ZZZZZZ			20:08	
ZZZZZZ			20:11	
ZZZZZZ			20:15	
ZZZZZZ			20:18	
ZZZZZZ			20:22	
ZZZZZZ			20:25	
ZZZZZZ			20:29	
500-208626-1	1	T	20:32	X
500-208626-2	1	T	20:35	X
CCV 500-630724/64	1		20:39	X
CCB 500-630724/65	1		20:42	X
500-208626-3	1	T	20:45	X
500-208626-4	1	T	20:48	X
500-208626-5	1	T	20:51	X
500-208626-6	1	T	20:55	X
500-208626-7	1	T	20:58	X
500-208626-8	1	T	21:01	X
500-208626-9	1	T	21:04	X
500-208626-10	1	T	21:07	X
500-208626-11	1	T	21:11	X
500-208626-12	1	T	21:14	X
CCV 500-630724/76	1		21:17	X
CCB 500-630724/77	1		21:20	X
ZZZZZZ			21:23	
ZZZZZZ			21:27	
ZZZZZZ			21:30	
ZZZZZZ			21:33	
ZZZZZZ			21:37	
ZZZZZZ			21:40	
ZZZZZZ			21:43	

FORM XIII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG No.:

Instrument ID: ICP6 Analysis Method: 6010C

Start Date: 11/23/2021 17:11 End Date: 11/23/2021 22:55

Lab Sample Id	D/F	Type	Time	Analytes																								
				Pb																								
ZZZZZZ			21:46																									
ZZZZZZ			21:50																									
ZZZZZZ			21:53																									
CCV 500-630724/88			21:56																									
CCB 500-630724/89			22:00																									
ZZZZZZ			22:03																									
ZZZZZZ			22:07																									
ZZZZZZ			22:10																									
ZZZZZZ			22:13																									
ZZZZZZ			22:16																									
ZZZZZZ			22:19																									
ZZZZZZ			22:23																									
ZZZZZZ			22:26																									
ZZZZZZ			22:29																									
ZZZZZZ			22:32																									
ZZZZZZ			22:35																									
CCV 500-630724/101			22:39																									
CCB 500-630724/102			22:42																									
CCVL 500-630724/103	1		22:45	X																								
ZZZZZZ			22:49																									
ZZZZZZ			22:52																									
ZZZZZZ			22:55																									

Prep Types:
T = Total/NA

FORM XIII-IN

15-IN
ICP INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG No.: Analysis Batch No.: 630724

ICP Instrument ID: ICP6 Start Date: 11/23/2021 End Date: 11/23/2021

Lab Sample ID	Time	Internal Standards %RI For:									
		Element In 230.606	Q	Element Y 224.306	Q	Element Y 360.073	Q	Element Y 371.030	Q	Element	Q
ICV 500-630724/7	17:30										
ICBIS 500-630724/8	17:34										
ICVL 500-630724/9	17:37	100		100		101		100			
CRI 500-630724/10	17:40	98		98		100		99			
ICSA 500-630724/11	17:44	70		82		84		87			
ICSAB 500-630724/12	17:47	71		83		85		88			
CCV 500-630724/40	19:18	90		98		98		97			
CCB 500-630724/41	19:21	100		101		101		99			
MB 500-630433/1-A	19:45	96		96		100		96			
LCS 500-630433/2-A	19:48	92		95		97		94			
CCV 500-630724/52	19:58	88		95		96		96			
CCB 500-630724/53	20:01	99		99		102		98			
500-208626-1	20:32	87		94		100		97			
500-208626-2	20:35	86		104		106		105			
CCV 500-630724/64	20:39	88		96		96		97			
CCB 500-630724/65	20:42	99		98		100		98			
500-208626-3	20:45	80		93		96		98			
500-208626-4	20:48	83		97		101		99			
500-208626-5	20:51	85		91		94		93			
500-208626-6	20:55	83		96		99		97			
500-208626-7	20:58	83		96		99		98			
500-208626-8	21:01	81		94		98		98			
500-208626-9	21:04	83		94		99		97			
500-208626-10	21:07	87		96		100		98			
500-208626-11	21:11	87		98		102		99			
500-208626-12	21:14	85		101		105		103			
CCV 500-630724/76	21:17	89		96		96		98			
CCB 500-630724/77	21:20	99		98		102		100			
CCVL 500-630724/103	22:45	100		99		100		99			

15A-IN
ICP INTERNAL STANDARDS RELATIONS
METALS

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG No.: Analysis Batch No.: 630724

ICP Instrument ID: ICP6 Start Date: 11/23/2021 End Date: 11/23/2021

Analyte	Wavelength	Internal Standard Used:				
		Element In 230.606	Element Y 224.306	Element Y 360.073	Element Y 371.030	Element
Lead	220.353	X				
Aluminum	308.215				X	
Antimony	206.833		X			
Arsenic	189.042		X			
Barium	455.403				X	
Beryllium	234.861				X	
Bismuth	223.061	X				
Boron	208.959		X			
Cadmium	228.802		X			
Calcium	317.933				X	
Chromium	267.716			X		
Cobalt	228.616	X				
Copper	324.754			X		
Iron	271.441				X	
Lithium	670.784				X	
Magnesium	279.079				X	
Manganese	257.610				X	
Molybdenum	202.030		X			
Nickel	231.604	X				
Potassium	766.490				X	
Selenium	196.090		X			
Silicon	212.412		X			
Silver	328.068			X		
Sodium	589.592				X	
Strontium	421.552			X		
Thallium	190.856	X				
Tin	189.989	X				
Titanium	334.941			X		
Vanadium	292.402			X		
Zinc	206.200	X				
Internal Standard Name on Instrument		In2306	Y_2243	Y_3600	Y_3710	

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG No.:

Batch Number: 630433 Batch Start Date: 11/23/21 05:21 Batch Analyst: Estes, William R

Batch Method: 3050B Batch End Date: 11/23/21 05:51

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	M21JSPKIC 00001			
MB 500-630433/1		3050B, 6010C		1 g	100 mL				
LCS 500-630433/2		3050B, 6010C		1 g	100 mL	1 mL			
500-208626-A-1	SS-039	3050B, 6010C	T	1.0276 g	100 mL				
500-208626-A-2	SS-040	3050B, 6010C	T	1.1550 g	100 mL				
500-208626-A-3	SS-041	3050B, 6010C	T	1.1420 g	100 mL				
500-208626-A-4	SS-042	3050B, 6010C	T	1.1538 g	100 mL				
500-208626-A-5	SS-043	3050B, 6010C	T	1.0841 g	100 mL				
500-208626-A-6	SS-044	3050B, 6010C	T	1.0617 g	100 mL				
500-208626-A-7	SS-045	3050B, 6010C	T	1.0505 g	100 mL				
500-208626-A-8	SS-046	3050B, 6010C	T	1.1103 g	100 mL				
500-208626-A-9	DUP-4	3050B, 6010C	T	1.0168 g	100 mL				
500-208626-A-10	SS-047	3050B, 6010C	T	1.0643 g	100 mL				
500-208626-A-11	SS-048	3050B, 6010C	T	1.1415 g	100 mL				
500-208626-A-12	SS-049	3050B, 6010C	T	1.0873 g	100 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Chicago Job No.: 500-208626-1

SDG No.:

Batch Number: 630433 Batch Start Date: 11/23/21 05:21 Batch Analyst: Estes, William R

Batch Method: 3050B Batch End Date: 11/23/21 05:51

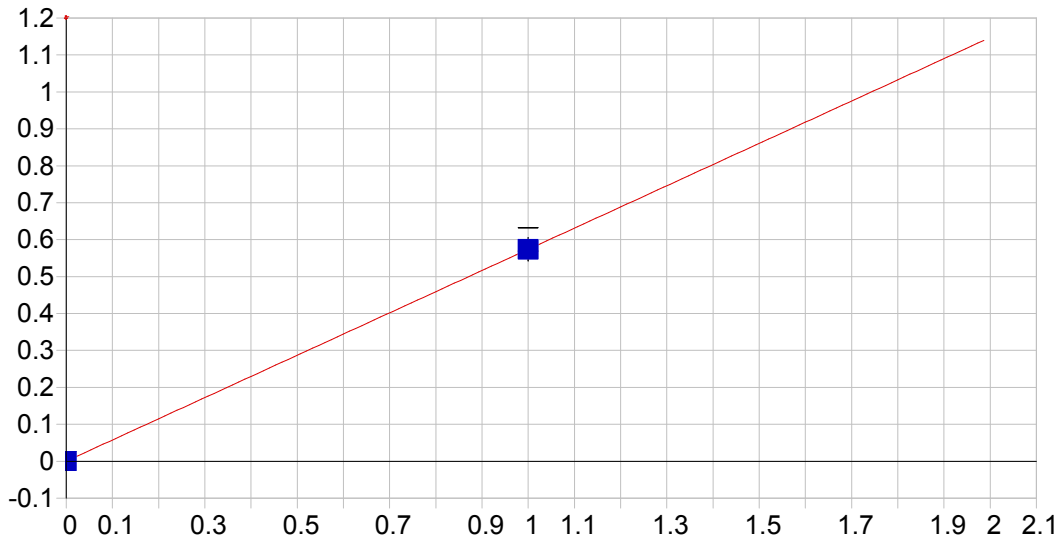
Batch Notes	
Balance ID	C-1952
Digestion Tube/Cup ID	2106023
Hydrochloric Acid ID	285454
Nitric Acid ID	1121051
Hydrogen Peroxide ID	288749
Digestion Unit ID	1739
Thermometer ID	5833
Filter ID	17413121
Temperature - Uncorrected - Start	90 Degrees C
Temperature - Corrected - Start	90 Degrees C
Temperature - Uncorrected - End	90 Degrees C
Temperature - Corrected - End	90 Degrees C
Digestion Start Time	11/23/2021 05:21
Digestion End Time	11/23/2021 05:51
Batch Comment	SnapCaps: 22721008

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	CorrFact	Check	Check Table	Fail Action
1	---	---	---	---	Cal	---	---	---	---	---	None
2	111	2	3	5	QC	S1	P6112321B	1	☒	S1	None
3	112	2	4	5	QC	S2		1	☒	S2	None
4	113	2	5	5	QC	ICV		1	☒	ICV	None
5	114	2	6	5	QC	ICB		1	☒	ICB	None
6	115	2	7	5	QC	ICVL		1	☒	CCVLL	None
7	116	2	8	5	QC	CRI		1	☒	CRI	None
8	117	2	9	5	QC	ICSA		1	☒	ICSA	None
9	118	2	10	5	QC	ICSAB		1	☒	ICSAB	None
10	119	2	11	5	QC	CCV		1	☒	CCV	None
11	120	2	12	5	QC	CCB		1	☒	CCB	None
12	121	3	1	1	QC	MRL		1	☒	CCVLL	None
13	219	4	3	4	QC	MRL		1	☒	CCVLL	None
14	220	4	4	4	QC	LRC		1	☒	LRC	None
15	122	3	2	1	Unk	mb 500-630430/1-a		1	☒	RLTABLE	---
16	123	3	3	1	Unk	lcs 500-630430/2-a		1	☒	RLTABLE	---
17	124	3	4	1	Unk	500-208455-f-1-g		1	☒	RLTABLE	---
18	125	3	5	1	Unk	500-208455-f-1-gSD@5		1	☒	RLTABLE	---
19	126	3	6	1	Unk	500-208455-f-1-h du		1	☒	RLTABLE	---
20	127	3	7	1	Unk	500-208455-f-1-i ms		1	☒	RLTABLE	---
21	128	3	8	1	Unk	500-208455-f-1-j msd		1	☒	RLTABLE	---
22	129	3	9	1	Unk	500-208455-f-2-c		1	☒	RLTABLE	---
23	130	3	10	1	Unk	500-208455-f-3-c		1	☒	RLTABLE	---
24	131	3	11	1	Unk	500-208455-f-5-c		1	☒	RLTABLE	---
25	132	3	12	1	QC	CCV		1	☒	CCV	None
26	133	3	1	2	QC	CCB		1	☒	CCB	None
27	134	3	2	2	Unk	500-208455-f-6-c		1	☒	RLTABLE	---
28	135	3	3	2	Unk	500-208455-f-7-c		1	☒	RLTABLE	---
29	136	3	4	2	Unk	500-208455-f-8-c		1	☒	RLTABLE	---
30	137	3	5	2	Unk	500-208455-f-9-c		1	☒	RLTABLE	---
31	138	3	6	2	Unk	500-208455-f-10-c		1	☒	RLTABLE	---
32	139	3	7	2	Unk	500-208455-f-11-c		1	☒	RLTABLE	---
33	140	3	8	2	Unk	500-208455-f-12-c		1	☒	RLTABLE	---
34	141	3	9	2	Unk	500-208455-f-13-c		1	☒	RLTABLE	---
35	142	3	10	2	Unk	500-208455-f-14-c		1	☒	RLTABLE	---
36	143	3	11	2	Unk	500-208455-f-15-c		1	☒	RLTABLE	---
37	144	3	12	2	QC	CCV		1	☒	CCV	None
38	145	3	1	3	QC	CCB		1	☒	CCB	None
39	146	3	2	3	Unk	500-208455-f-16-c		1	☒	RLTABLE	---
40	147	3	3	3	Unk	500-208455-f-17-c		1	☒	RLTABLE	---
41	148	3	4	3	Unk	500-208455-f-18-c		1	☒	RLTABLE	---
42	149	3	5	3	Unk	500-208455-f-19-c		1	☒	RLTABLE	---
43	150	3	6	3	Unk	500-208487-f-1-b		1	☒	RLTABLE	---
44	151	3	7	3	Unk	500-208487-f-2-b		1	☒	RLTABLE	---
45	152	3	8	3	Unk	mb 500-630433/1-a		1	☒	RLTABLE	---
46	153	3	9	3	Unk	lcs 500-630433/2-a		1	☒	RLTABLE	---
47	154	3	10	3	Unk	500-208683-c-1-b		1	☒	RLTABLE	---
48	155	3	11	3	Unk	500-208683-c-1-bSD@5		1	☒	RLTABLE	---
49	156	3	12	3	QC	CCV		1	☒	CCV	None
50	157	3	1	4	QC	CCB		1	☒	CCB	None
51	158	3	2	4	Unk	500-208683-c-1-c du		1	☒	RLTABLE	---
52	159	3	3	4	Unk	500-208683-c-1-d ms		1	☒	RLTABLE	---
53	160	3	4	4	Unk	500-208683-c-1-e msd		1	☒	RLTABLE	---
54	161	3	5	4	Unk	500-208683-c-2-b		1	☒	RLTABLE	---
55	162	3	6	4	Unk	500-208685-c-1-b		1	☒	RLTABLE	---
56	163	3	7	4	Unk	500-208685-c-2-b		1	☒	RLTABLE	---
57	164	3	8	4	Unk	500-208686-c-1-a		1	☒	RLTABLE	---
58	165	3	9	4	Unk	500-208738-a-1-b		1	☒	RLTABLE	---
59	166	3	10	4	Unk	500-208626-a-1-a		1	☒	RLTABLE	---
60	167	3	11	4	Unk	500-208626-a-2-a		1	☒	RLTABLE	---
61	168	3	12	4	QC	CCV		1	☒	CCV	None
62	169	3	1	5	QC	CCB		1	☒	CCB	None
63	170	3	2	5	Unk	500-208626-a-3-a		1	☒	RLTABLE	---

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	CorrFact	Check	Check Table	Fail Action
64	171	3	3	5	Unk	500-208626-a-4-a		1	☒	RLTABLE	---
65	172	3	4	5	Unk	500-208626-a-5-a		1	☒	RLTABLE	---
66	173	3	5	5	Unk	500-208626-a-6-a		1	☒	RLTABLE	---
67	174	3	6	5	Unk	500-208626-a-7-a		1	☒	RLTABLE	---
68	175	3	7	5	Unk	500-208626-a-8-a		1	☒	RLTABLE	---
69	176	3	8	5	Unk	500-208626-a-9-a		1	☒	RLTABLE	---
70	177	3	9	5	Unk	500-208626-a-10-a		1	☒	RLTABLE	---
71	178	3	10	5	Unk	500-208626-a-11-a		1	☒	RLTABLE	---
72	179	3	11	5	Unk	500-208626-a-12-a		1	☒	RLTABLE	---
73	180	3	12	5	QC	CCV		1	☒	CCV	None
74	181	4	1	1	QC	CCB		1	☒	CCB	None
75	182	4	2	1	Unk	500-208299-c-1-b		1	☒	RLTABLE	---
76	183	4	3	1	Unk	500-208563-f-1-i		1	☒	RLTABLE	---
77	184	4	4	1	Unk	mb 500-630434/1-a		1	☒	RLTABLE	---
78	185	4	5	1	Unk	lcs 500-630434/2-a		1	☒	RLTABLE	---
79	186	4	6	1	Unk	500-208452-f-1-e		1	☒	RLTABLE	---
80	187	4	7	1	Unk	500-208452-f-1-eSD@5		1	☒	RLTABLE	---
81	188	4	8	1	Unk	500-208452-f-1-f du		1	☒	RLTABLE	---
82	189	4	9	1	Unk	500-208452-f-1-g ms		1	☒	RLTABLE	---
83	190	4	10	1	Unk	500-208452-f-1-h msd		1	☒	RLTABLE	---
84	191	4	11	1	Unk	500-208452-f-2-g		1	☒	RLTABLE	---
85	192	4	12	1	QC	CCV		1	☒	CCV	None
86	193	4	1	2	QC	CCB		1	☒	CCB	None
87	221	4	5	4	QC	CCVL		1	☒	CCVLL	None
88	194	4	2	2	Unk	500-208452-f-3-e		1	☒	RLTABLE	---
89	195	4	3	2	Unk	500-208452-f-4-e		1	☒	RLTABLE	---
90	196	4	4	2	Unk	500-208452-f-5-e		1	☒	RLTABLE	---
91	197	4	5	2	Unk	500-208452-f-6-e		1	☒	RLTABLE	---
92	198	4	6	2	Unk	500-208452-f-7-e		1	☒	RLTABLE	---
93	199	4	7	2	Unk	500-208452-f-8-g		1	☒	RLTABLE	---
94	200	4	8	2	Unk	500-208452-f-9-e		1	☒	RLTABLE	---
95	201	4	9	2	Unk	500-208452-f-10-e		1	☒	RLTABLE	---
96	202	4	10	2	Unk	500-208502-f-1-f		1	☒	RLTABLE	---
97	203	4	11	2	Unk	500-208502-f-2-f		1	☒	RLTABLE	---
98	204	4	12	2	QC	CCV		1	☒	CCV	None
99	205	4	1	3	QC	CCB		1	☒	CCB	None
100	222	4	6	4	QC	CCVL		1	☒	CCVLL	None
101	206	4	2	3	Unk	500-208502-f-3-f		1	☒	RLTABLE	---
102	207	4	3	3	Unk	500-208502-f-4-f		1	☒	RLTABLE	---
103	208	4	4	3	Unk	500-208502-f-5-f		1	☒	RLTABLE	---
104	209	4	5	3	Unk	500-208502-f-6-h		1	☒	RLTABLE	---
105	210	4	6	3	Unk	500-208502-f-7-f		1	☒	RLTABLE	---
106	211	4	7	3	Unk	500-208502-f-8-f		1	☒	RLTABLE	---
107	212	4	8	3	Unk	500-208502-f-9-f		1	☒	RLTABLE	---
108	213	4	9	3	Unk	500-208502-f-10-f		1	☒	RLTABLE	---
109	216	4	12	3	QC	CCV		1	☒	CCV	None
110	217	4	1	4	QC	CCB		1	☒	CCB	None
111	218	4	2	4	QC	CCVL		1	☒	CCVLL	None
112	223	4	7	4	Unk	Si		1	☒	RLTABLE	---
113	224	4	8	4	Unk	Al		1	☒	RLTABLE	---
114	225	4	9	4	Unk	Fe		1	☒	RLTABLE	---
115	226	4	10	4	Unk	As		1	☒	RLTABLE	---
116	227	4	11	4	Unk	Va		1	☒	RLTABLE	---
117	228	4	12	4	Unk	Co		1	☒	RLTABLE	---
118	229	4	1	5	Unk	Ti		1	☒	RLTABLE	---
119	230	4	2	5	Unk	Mn		1	☒	RLTABLE	---
120	231	4	3	5	Unk	Ce		1	☒	RLTABLE	---

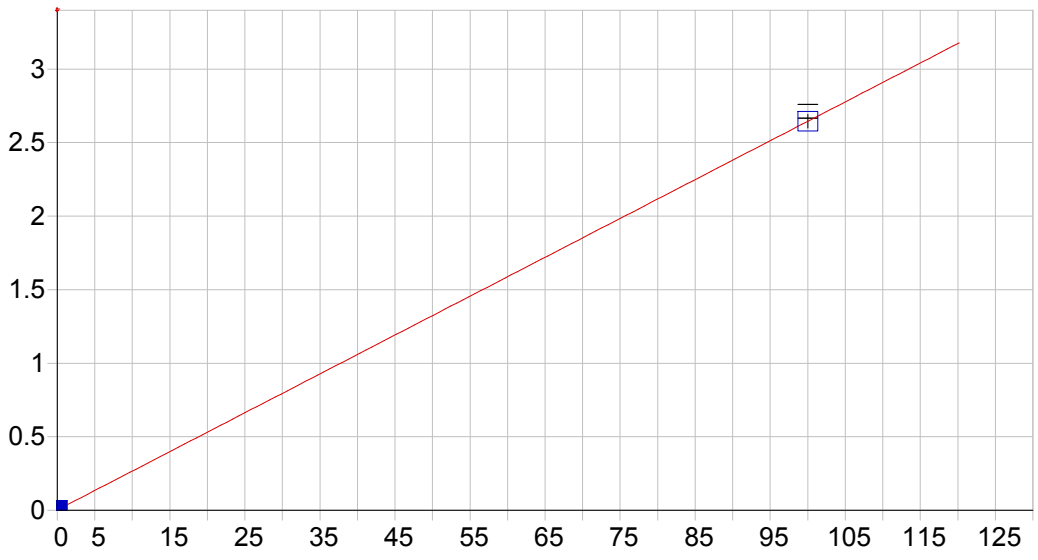


Ag 328.068 {103}

Date of Fit:	11/23/2021 17:17:41	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000282	Re-Slope:	1.000000
A1 (Gain):	0.573546	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000884		
Predicted MQL:	0.002946		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00028	.000	1
S1	1.0000	1.0000	.000	.000	.57405	.031	1



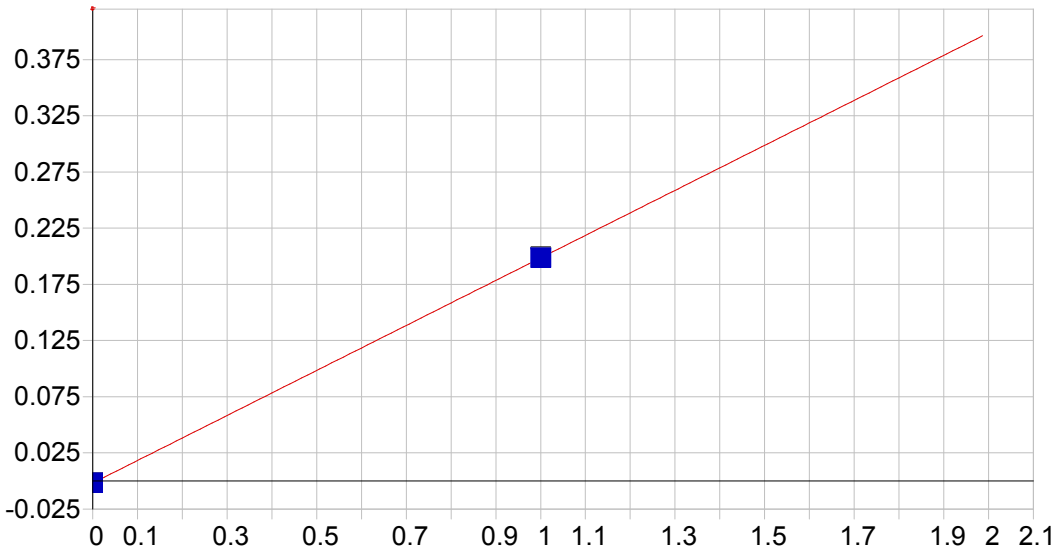
Al 308.215 {109}

Date of Fit:	11/23/2021 17:21:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002444	Re-Slope:	1.000000
A1 (Gain):	0.026426	Y-int:	0.000000
A2 (Curvature):	0.000000		

n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.014069		
Predicted MQL:	0.046898		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00244	.000	1
S2	100.00	100.00	.000	.000	2.6450	.047	1

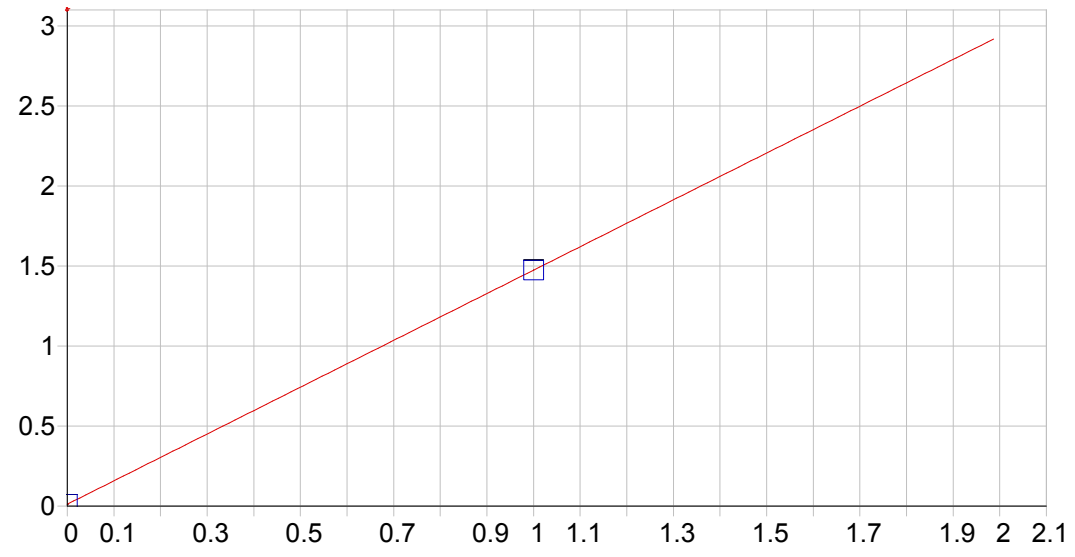


As 189.042 {478}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001762	Re-Slope:	1.000000
A1 (Gain):	0.200334	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.003211		
Predicted MQL:	0.010704		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00176	.000	1
S1	1.0000	1.0000	.000	.000	.19853	.001	1

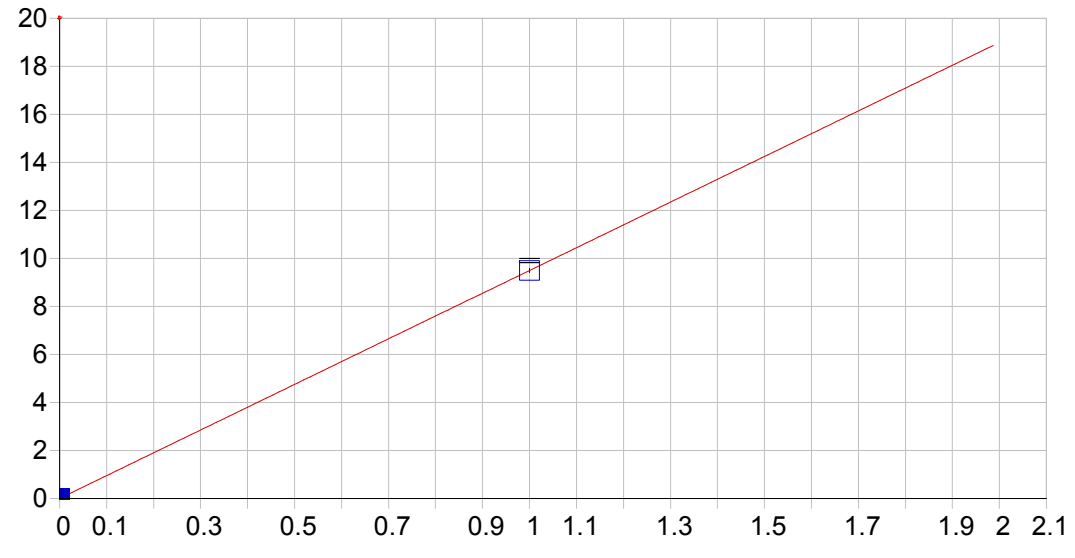


B 208.959 {461}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.011593	Re-Slope:	1.000000
A1 (Gain):	1.462850	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000415		
Predicted MQL:	0.001384		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.01159	.000	1
S1	1.0000	1.0000	.000	.000	1.4744	.001	1



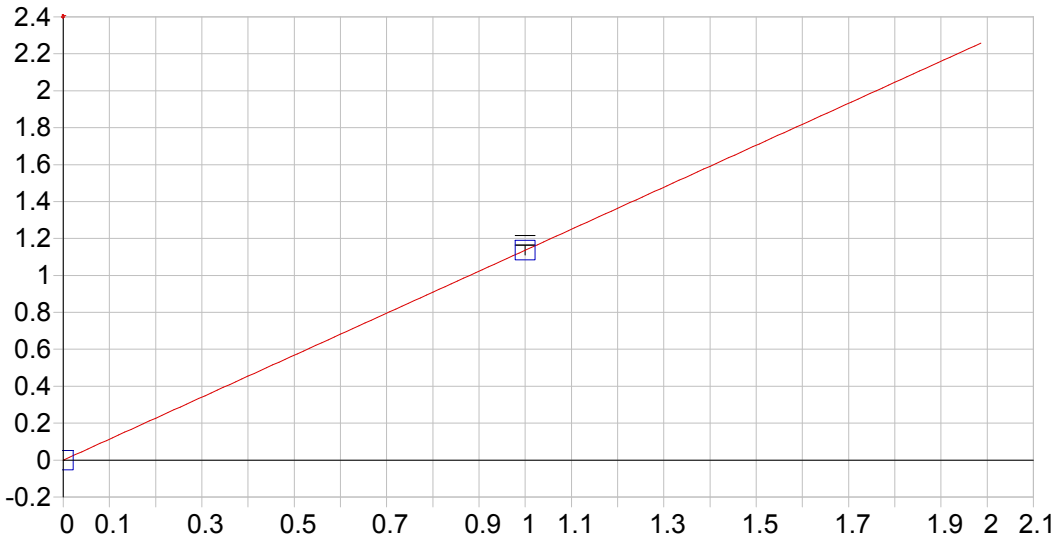
Ba 455.403 { 74}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003742	Re-Slope:	1.000000
A1 (Gain):	9.495797	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000090		
Predicted MQL:	0.000301		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00374	.000	1
S1	1.0000	1.0000	.000	.000	9.4995	.082	1

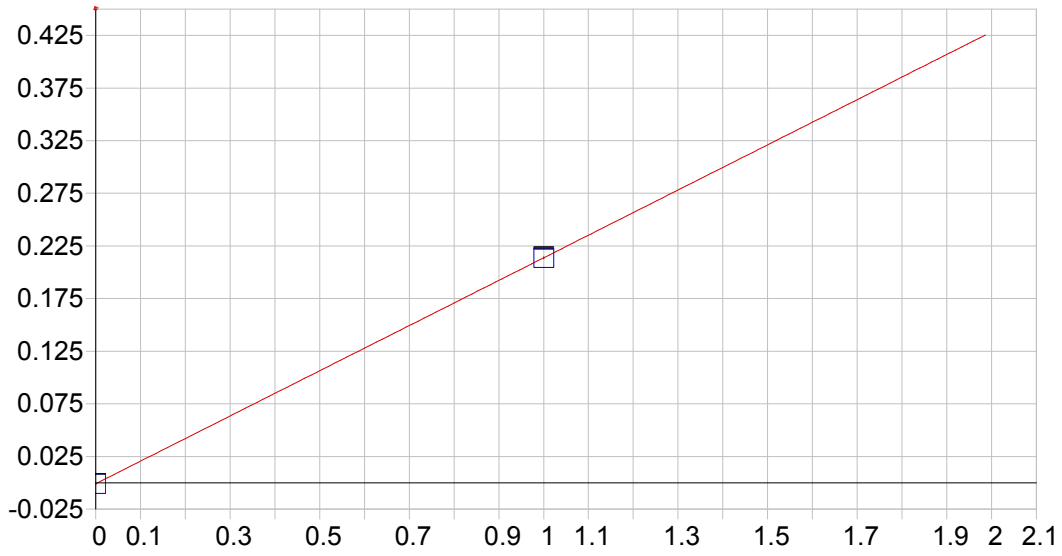


Be 234.861 {143}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000303	Re-Slope:	1.000000
A1 (Gain):	1.136723	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000255		
Predicted MQL:	0.000850		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00030	.000	1
S1	1.0000	1.0000	.000	.000	1.1364	.025	1

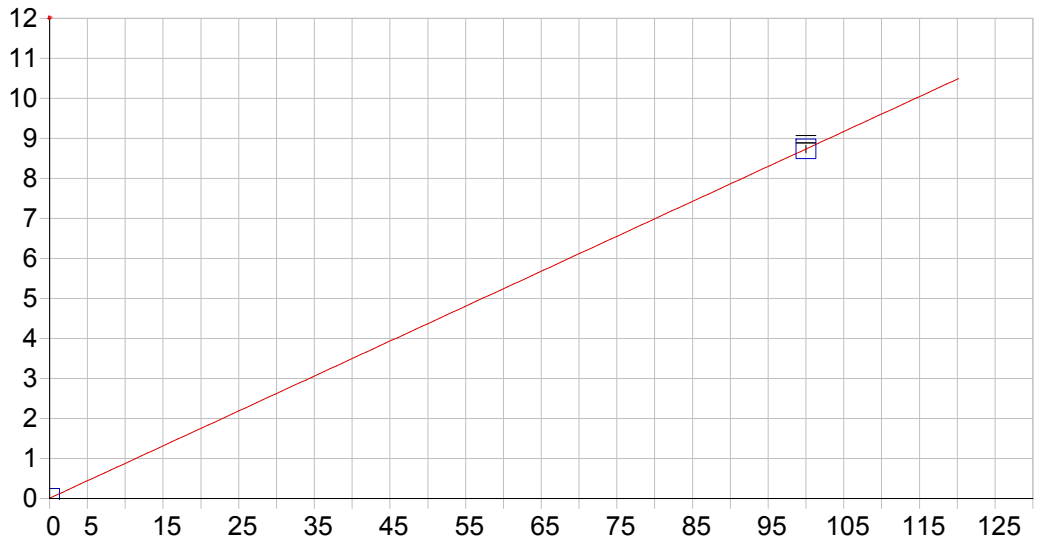


Bi 223.061 {451}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000899	Re-Slope:	1.000000
A1 (Gain):	0.214637	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001960		
Predicted MQL:	0.006534		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00090	.000	1
S1	1.0000	1.0000	.000	.000	.21374	.001	1



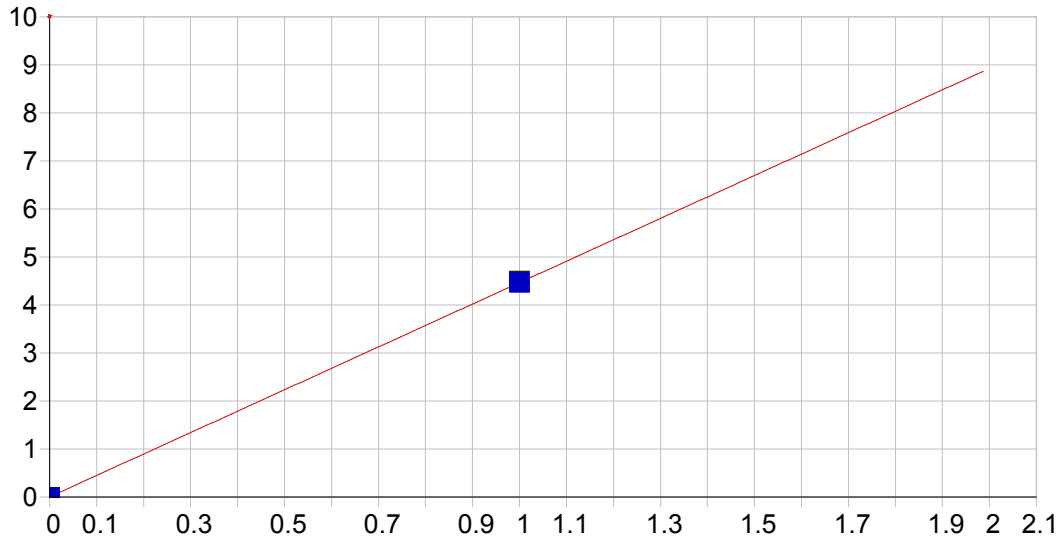
Ca 317.933 {106}

Date of Fit:	11/23/2021 17:21:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.005608	Re-Slope:	1.000000
A1 (Gain):	0.087296	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.003939		
Predicted MQL:	0.013132		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00561	.000	1
S2	100.00	100.00	.000	.000	8.7352	.093	1

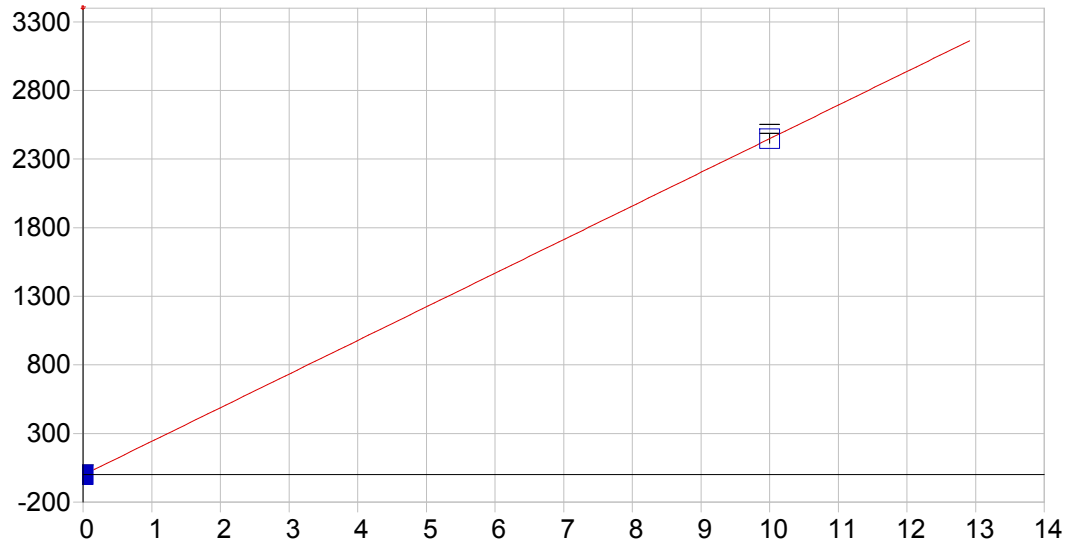


Cd 228.802 {447}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003204	Re-Slope:	1.000000
A1 (Gain):	4.461868	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000216		
Predicted MQL:	0.000721		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00320	.000	1
S1	1.0000	1.0000	.000	.000	4.4749	.020	1

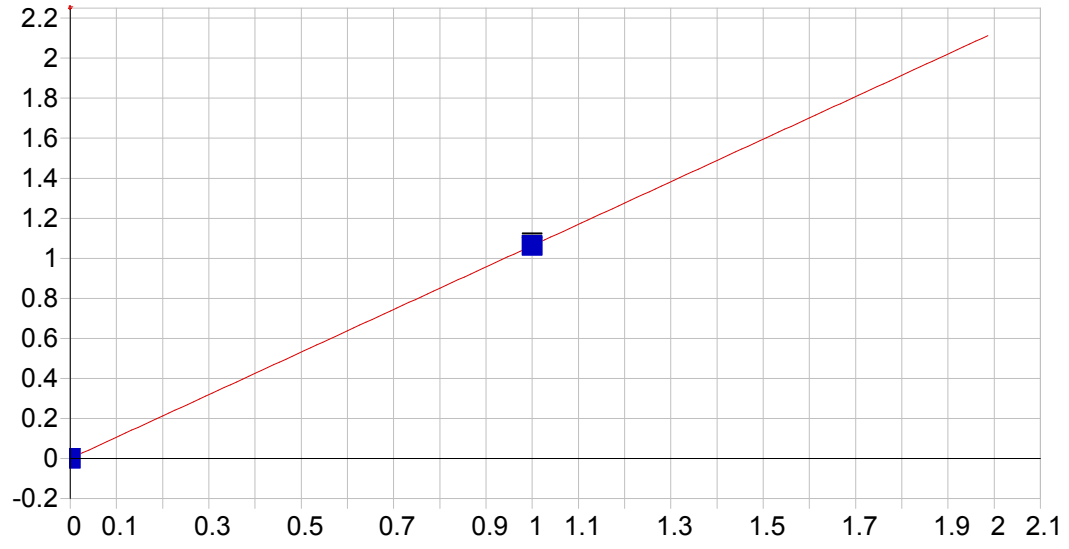


Ce 404.076 { 83}

Date of Fit:	11/23/2021 17:24:22	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-2.367323	Re-Slope:	1.000000
A1 (Gain):	245.082776	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.013844		
Predicted MQL:	0.046148		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-2.3673	.381	1
CE	10.000	10.000	.000	.000	2448.5	33.1	1



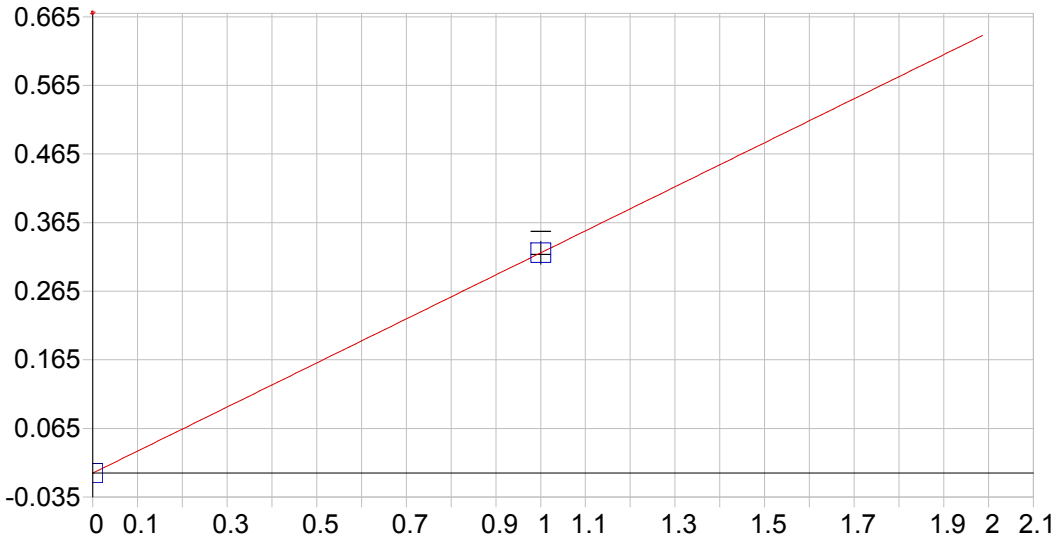
Co 228.616 {447}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000310	Re-Slope:	1.000000
A1 (Gain):	1.063673	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000		Status:	OK.			
Std Error of Est:	0.000000						
Predicted MDL:	0.000418						
Predicted MQL:	0.001394						

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00031	.000	1
S1	1.0000	1.0000	.000	.000	1.0657	.010	1

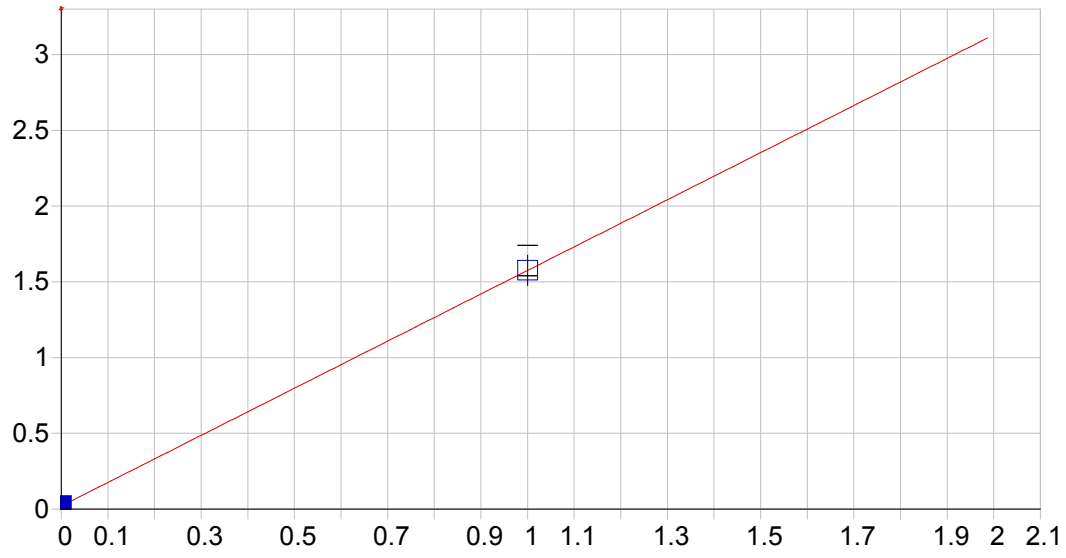


Cr 267.716 {126}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000144	Re-Slope:	1.000000
A1 (Gain):	0.321046	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001264		
Predicted MQL:	0.004213		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00014	.000	1
S1	1.0000	1.0000	.000	.000	.32090	.017	1

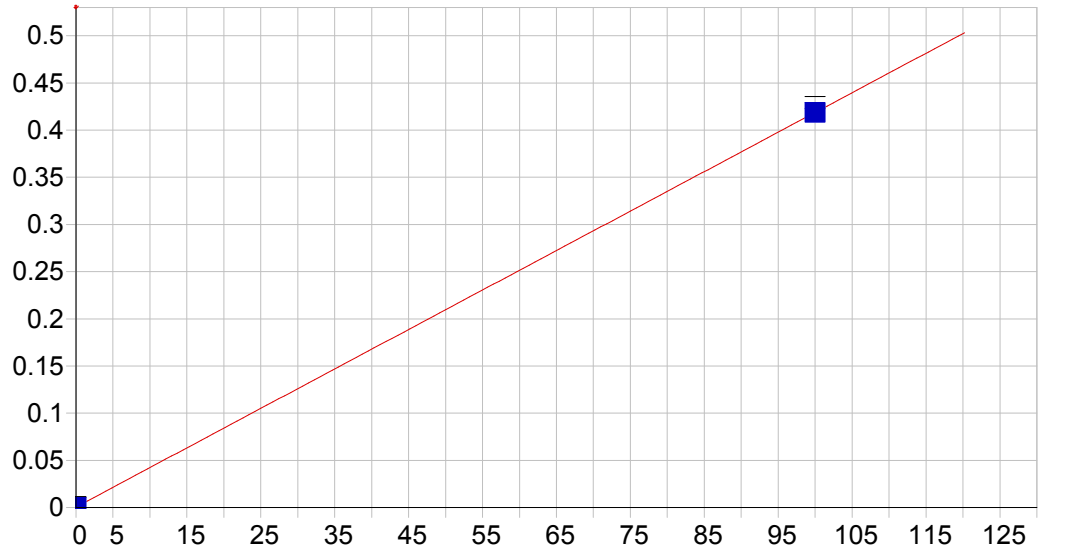


Cu 324.754 {104}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.020397	Re-Slope:	1.000000
A1 (Gain):	1.554914	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000332		
Predicted MQL:	0.001105		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.02040	.001	1
S1	1.0000	1.0000	.000	.000	1.5753	.100	1



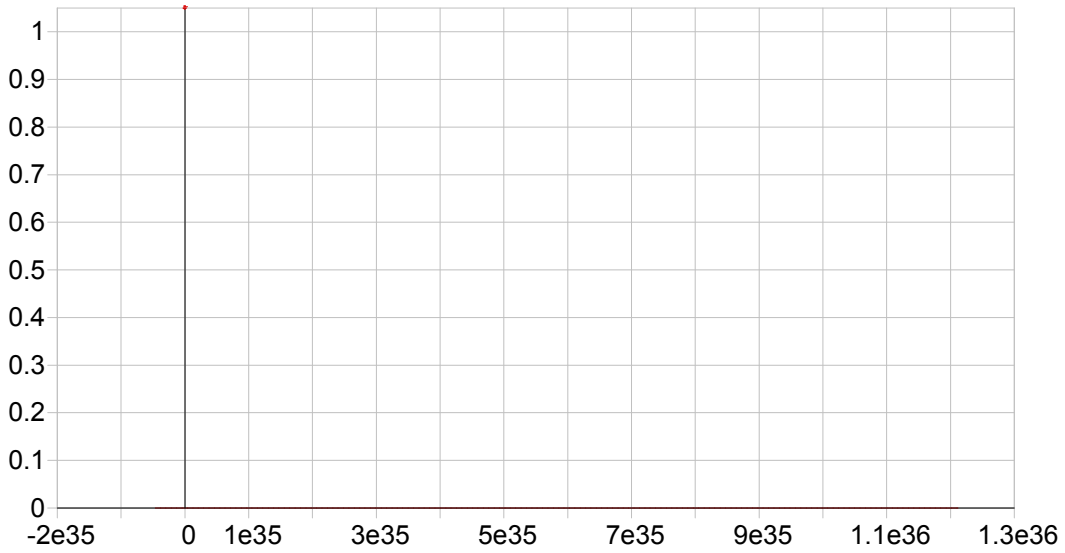
Fe 271.441 {124}

Date of Fit:	11/23/2021 17:21:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000484	Re-Slope:	1.000000
A1 (Gain):	0.004183	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000		Status:	OK.
Std Error of Est:	0.000000			
Predicted MDL:	0.067760			
Predicted MQL:	0.225865			

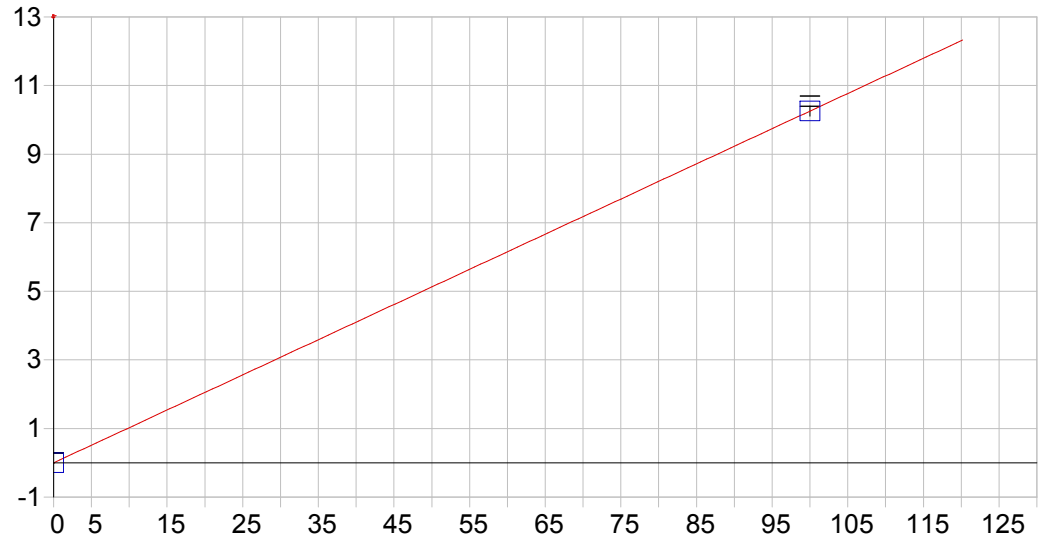
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00048	.000	1
S2	100.00	100.00	.000	.000	.41880	.006	1



In 230.606 {446}*

Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):		0.000000		Re-Slope:	1.000000	
A1 (Gain):		0.000000		Y-int:	0.000000	
A2 (Curvature):		0.000000				
n (Exponent):		1.000000				
Correlation:		0.000000		Status:	Warning	Zero Gain
Std Error of Est:		0.000000				
Predicted MDL:		n/a				
Predicted MQL:		n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

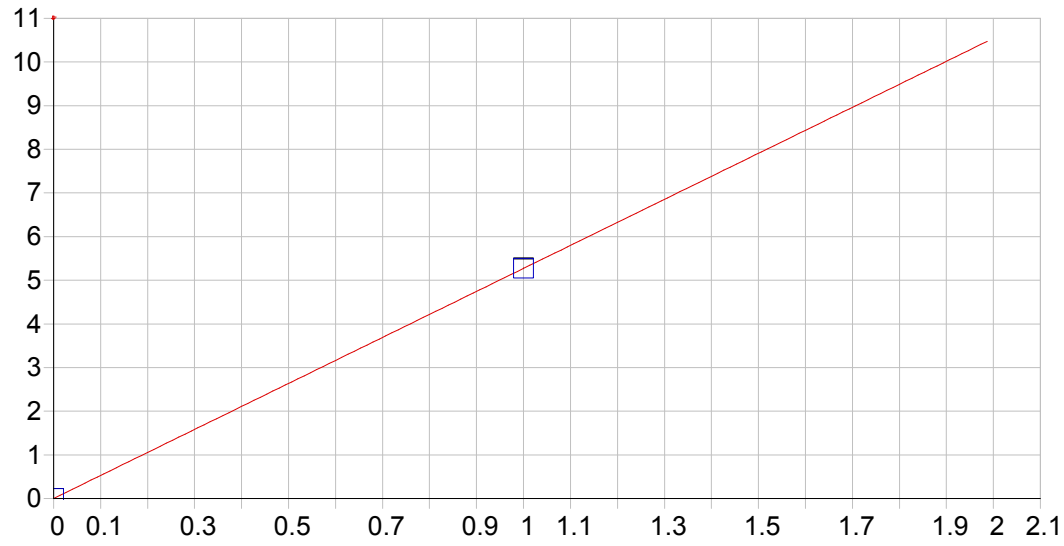


K 766.490 { 44}

Date of Fit:	11/23/2021 17:21:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000368	Re-Slope:	1.000000
A1 (Gain):	0.102561	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.011909		
Predicted MQL:	0.039695		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00037	.000	1
S2	100.00	100.00	.000	.000	10.256	.147	1



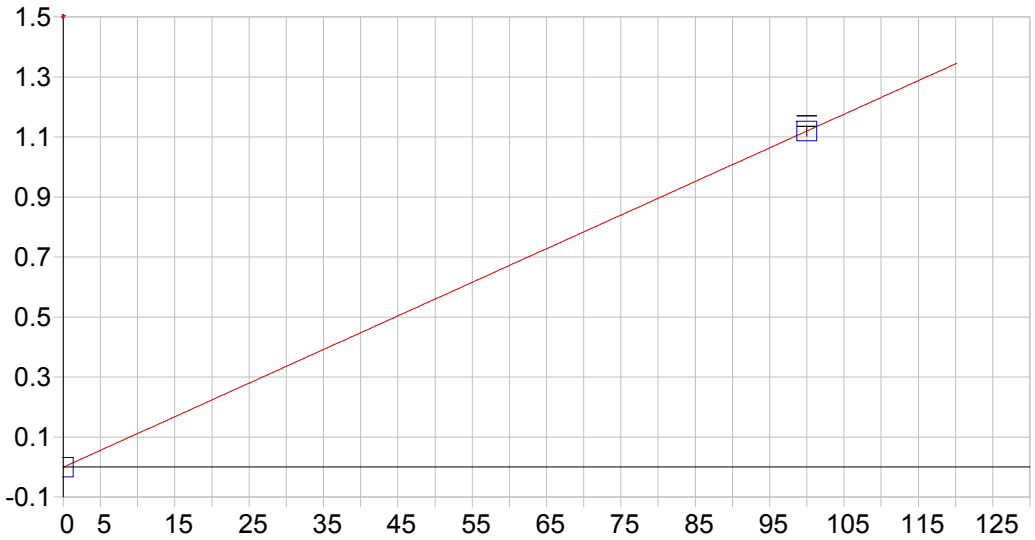
Li 670.784 { 50}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000542	Re-Slope:	1.000000
A1 (Gain):	5.271506	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000236		
Predicted MQL:	0.000788		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00054	.000	1
S1	1.0000	1.0000	.000	.000	5.2720	.007	1

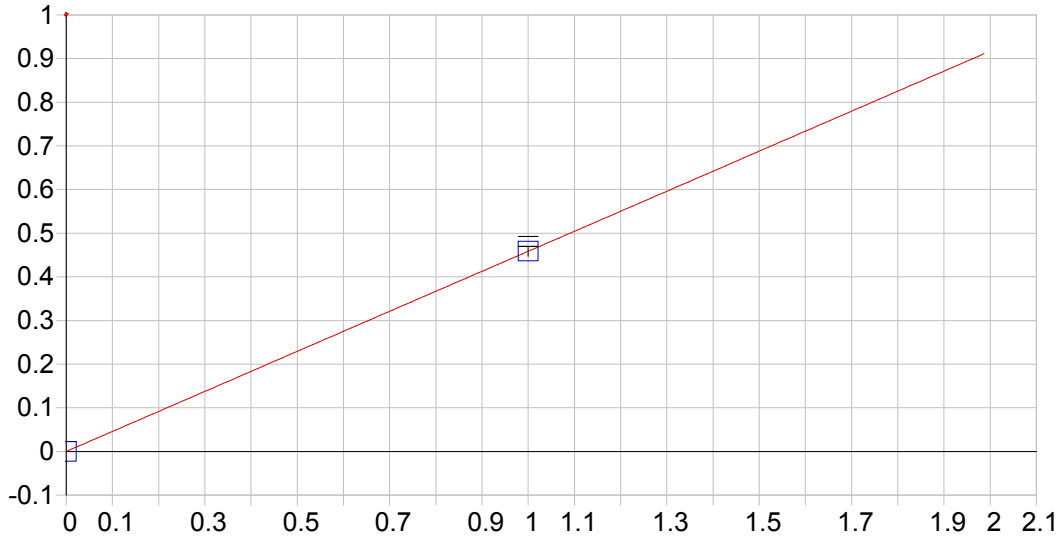


Mg 279.079 {121}

Date of Fit:	11/23/2021 17:21:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000343	Re-Slope:	1.000000
A1 (Gain):	0.011199	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.019882		
Predicted MQL:	0.066274		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00034	.000	1
S2	100.00	100.000	.000	.000	1.1196	.017	1

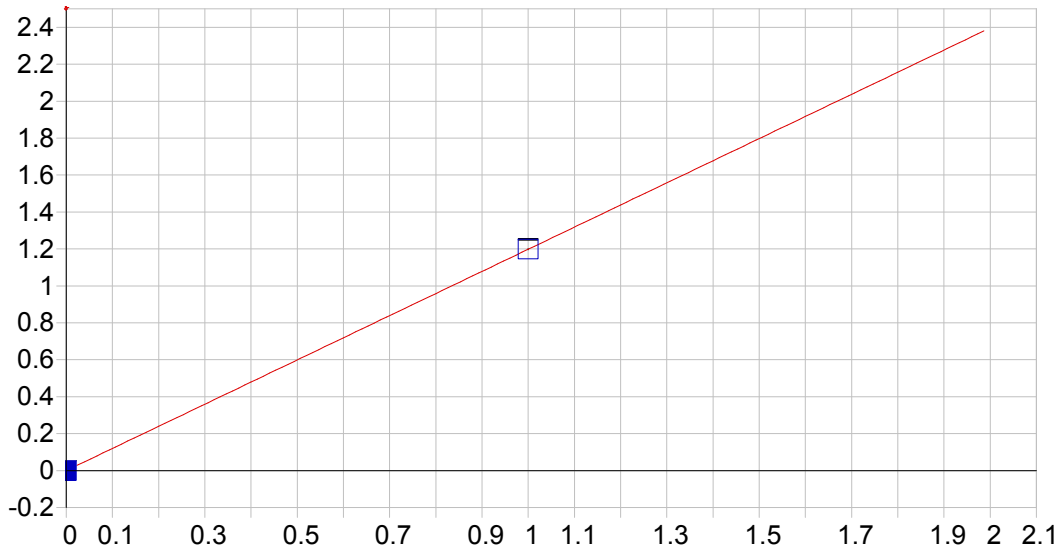


Mn 257.610 {131}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000004	Re-Slope:	1.000000
A1 (Gain):	0.458568	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000532		
Predicted MQL:	0.001772		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00000	.000	1
S1	1.0000	1.0000	.000	.000	.45857	.011	1



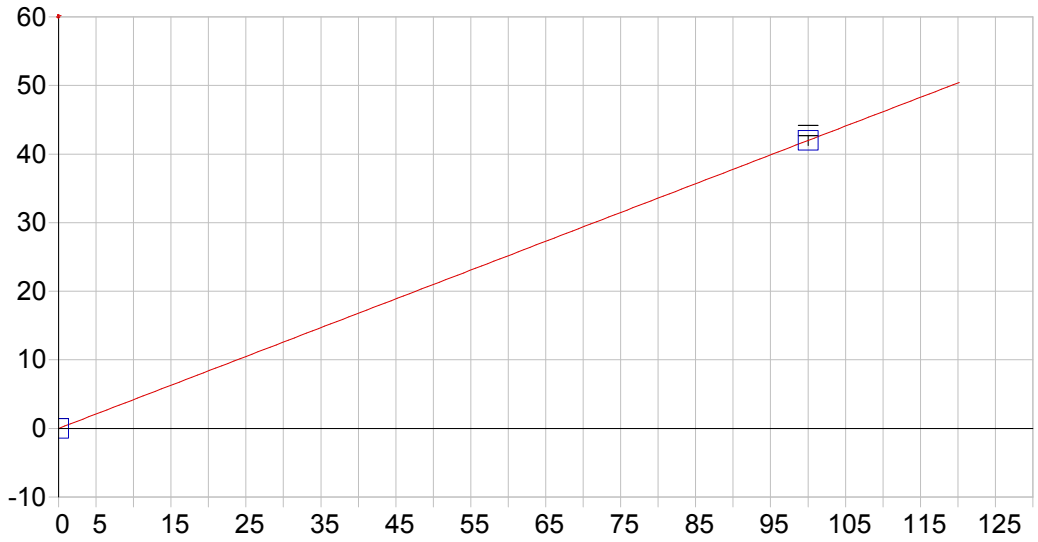
Mo 202.030 {467}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000145	Re-Slope:	1.000000
A1 (Gain):	1.198278	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000565		
Predicted MQL:	0.001883		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00015	.000	1
S1	1.0000	1.0000	.000	.000	1.1981	.003	1

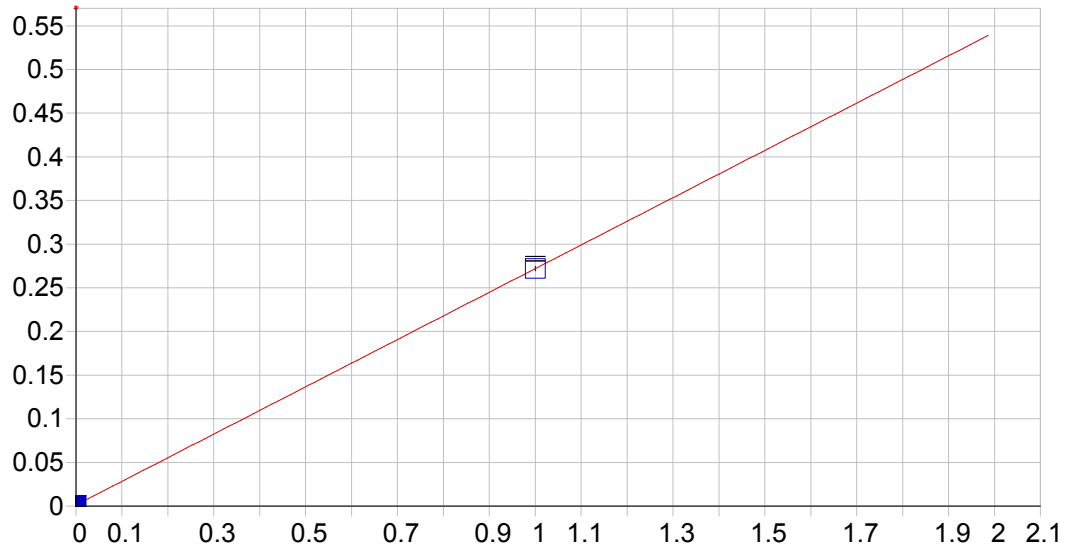


Na 589.592 { 57}

Date of Fit:	11/23/2021 17:21:03	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000987	Re-Slope:	1.000000
A1 (Gain):	0.419790	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.002827		
Predicted MQL:	0.009425		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00099	.001	1
S2	100.00	100.00	.000	.000	41.978	.735	1

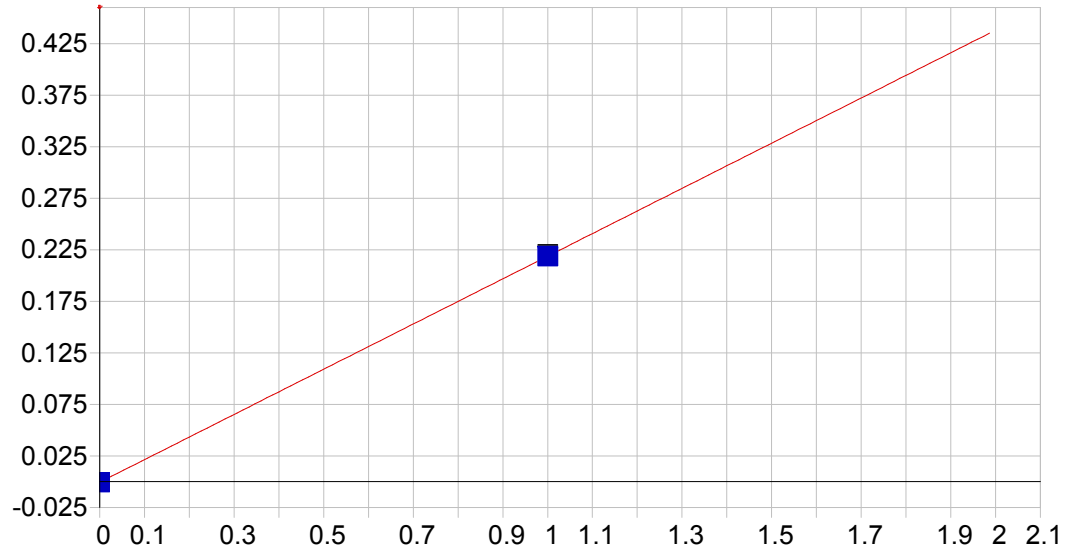


Ni 231.604 {446}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001255	Re-Slope:	1.000000
A1 (Gain):	0.270716	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001258		
Predicted MQL:	0.004194		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00125	.000	1
S1	1.0000	1.0000	.000	.000	.27197	.003	1



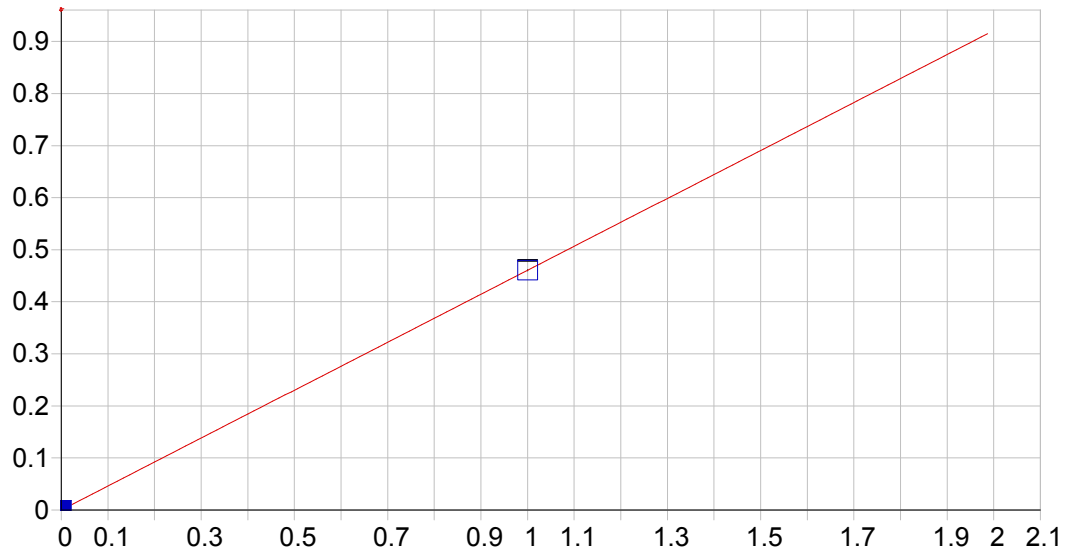
Pb 220.353 {453}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000493	Re-Slope:	1.000000
A1 (Gain):	0.219258	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.002111		
Predicted MQL:	0.007038		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00049	.000	1
S1	1.0000	1.00000	.000	.000	.21872	.001	1

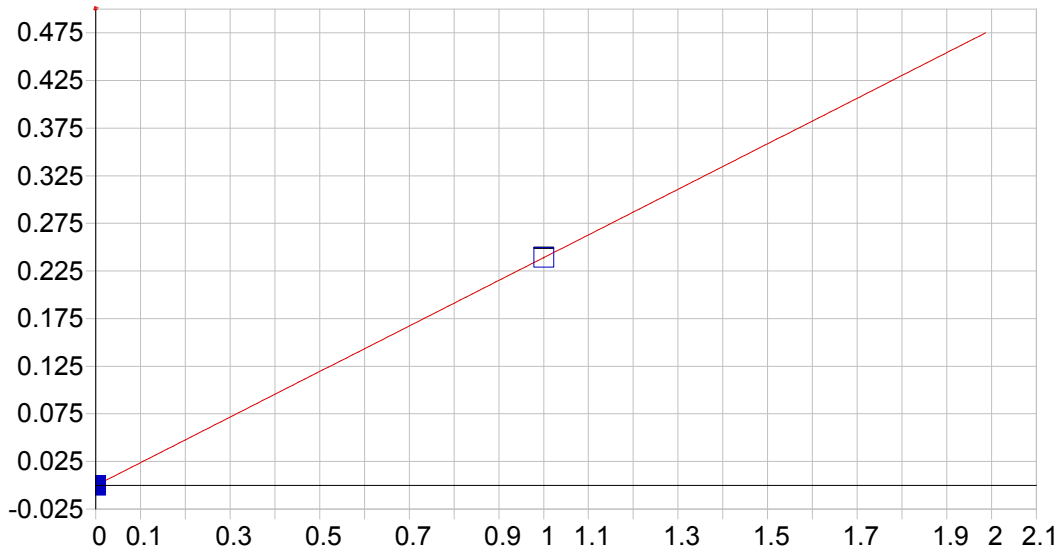


Sb 206.833 {463}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000073	Re-Slope:	1.000000
A1 (Gain):	0.460394	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001935		
Predicted MQL:	0.006450		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00007	.000	1
S1	1.0000	1.0000	.000	.000	.46047	.001	1

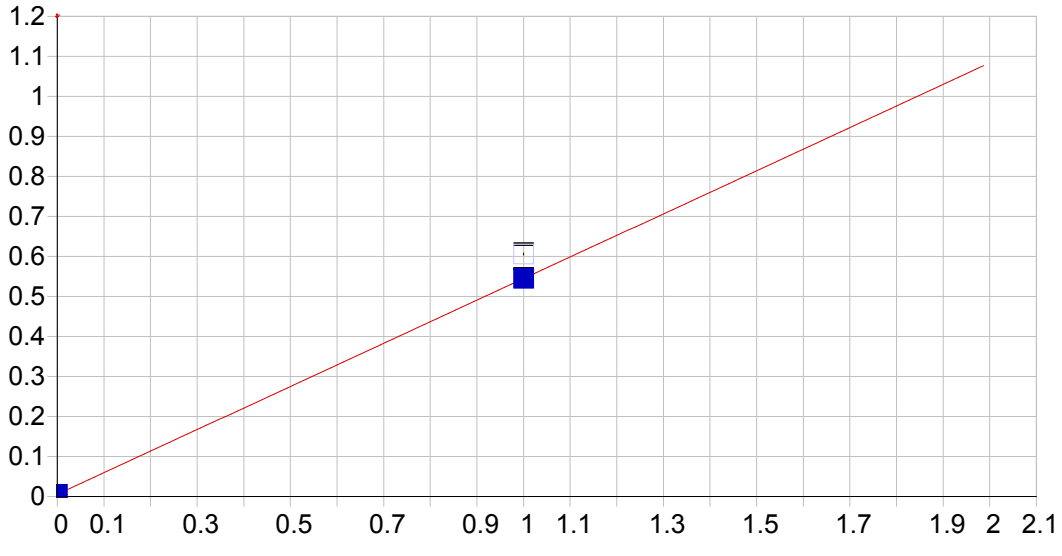


Se 196.090 {472}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000126	Re-Slope:	1.000000
A1 (Gain):	0.239148	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.002910		
Predicted MQL:	0.009700		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00013	.000	1
S1	1.0000	1.0000	.000	.000	.23902	.001	1



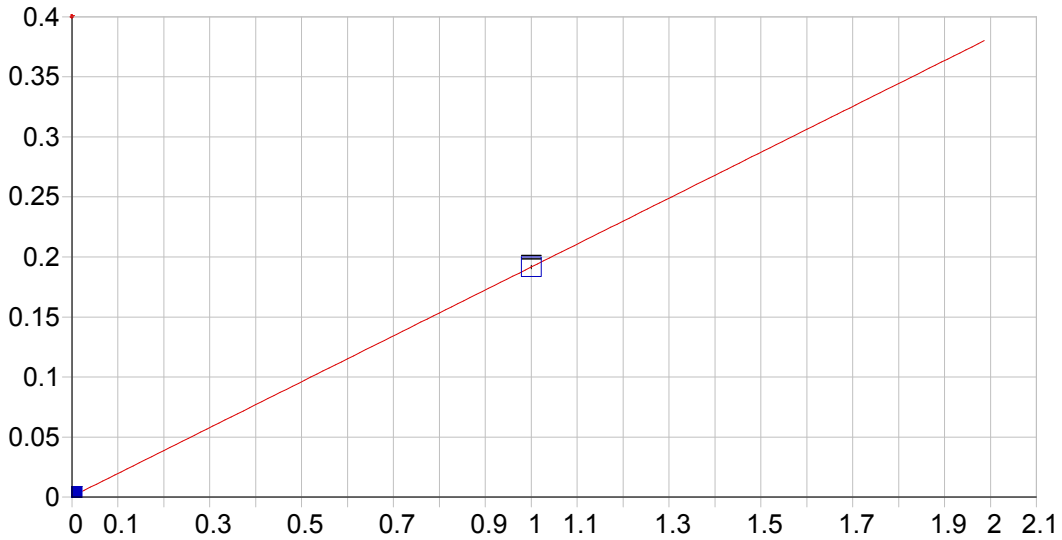
Si 212.412 {459}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.005519	Re-Slope:	1.000000
A1 (Gain):	0.539096	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.001002		
Predicted MQL:	0.003340		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00552	.000	1
S1	1.0000	1.0000	.000	.000	.60597	.003	1

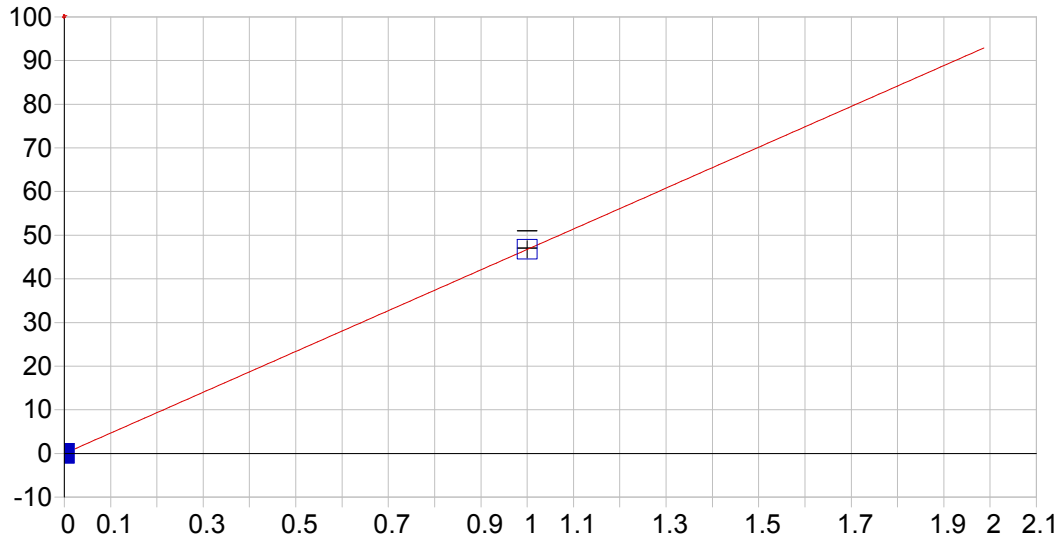


Sn 189.989 {477}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000516	Re-Slope:	1.000000
A1 (Gain):	0.191096	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.002011		
Predicted MQL:	0.006704		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00052	.000	1
S1	1.0000	1.0000	.000	.000	.19161	.002	1

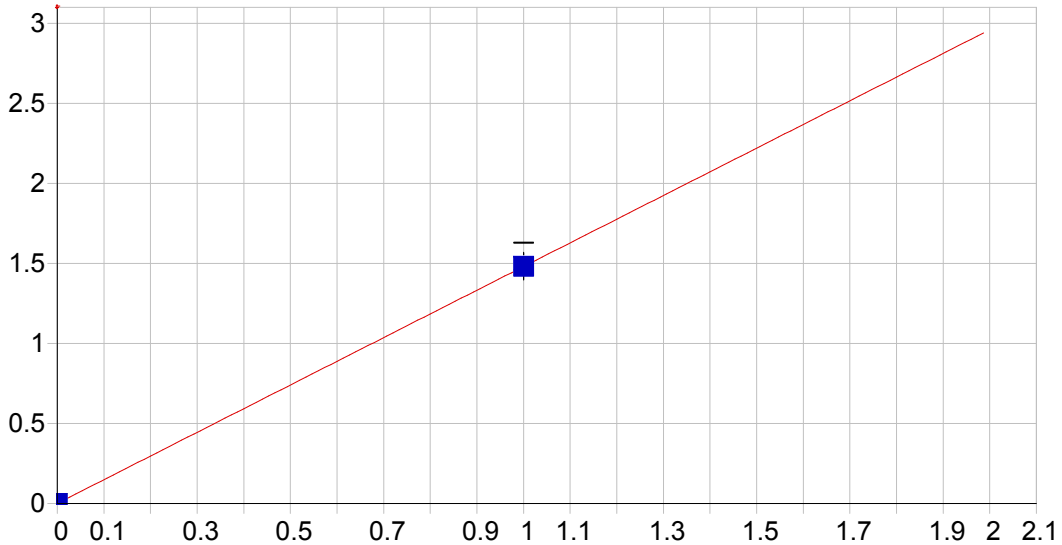


Sr 421.552 { 80}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000076	Re-Slope:	1.000000
A1 (Gain):	46.757639	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000014		
Predicted MQL:	0.000047		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00008	.000	1
S1	1.0000	1.0000	.000	.000	46.758	1.97	1



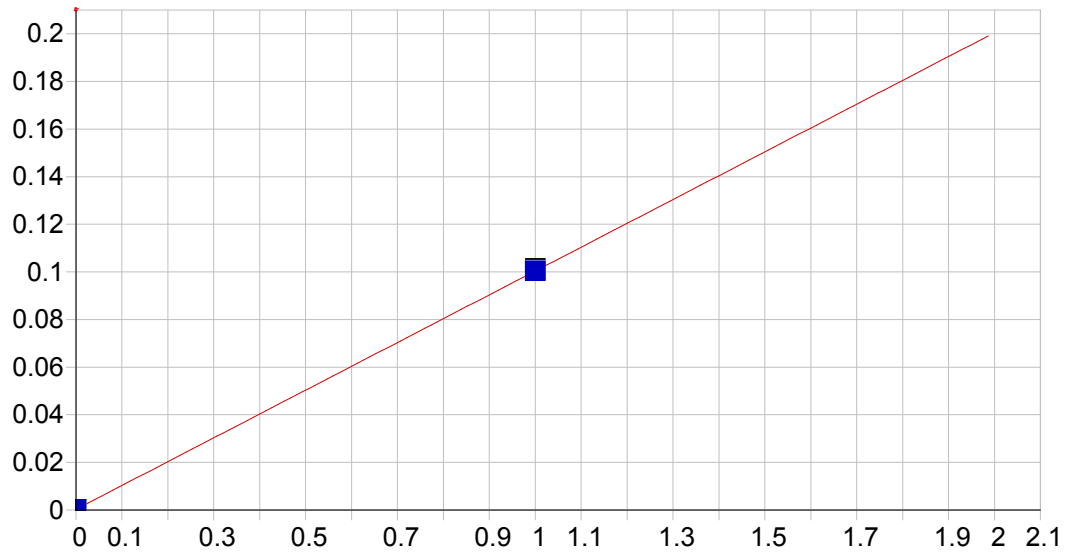
Ti 334.941 {101}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000723	Re-Slope:	1.000000
A1 (Gain):	1.479729	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	1.000000		Status:	OK.			
Std Error of Est:	0.000000						
Predicted MDL:	0.000237						
Predicted MQL:	0.000789						

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00072	.000	1
S1	1.0000	1.0000	.000	.000	1.4855	.085	1

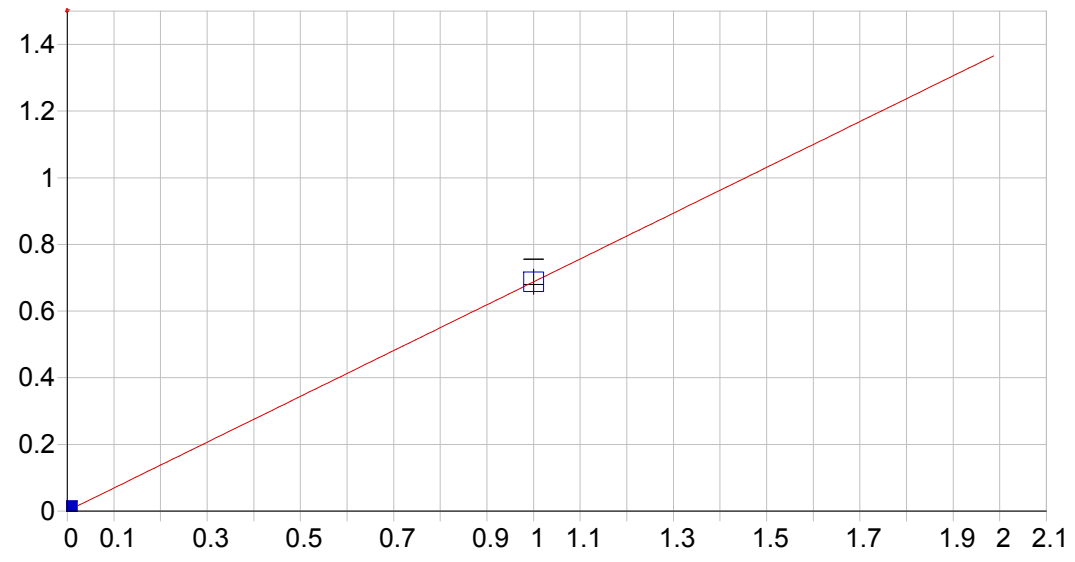


Tl 190.856 {477}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000304	Re-Slope:	1.000000
A1 (Gain):	0.100086	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.002649		
Predicted MQL:	0.008829		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00030	.000	1
S1	1.0000	1.0000	.000	.000	.10064	.001	1

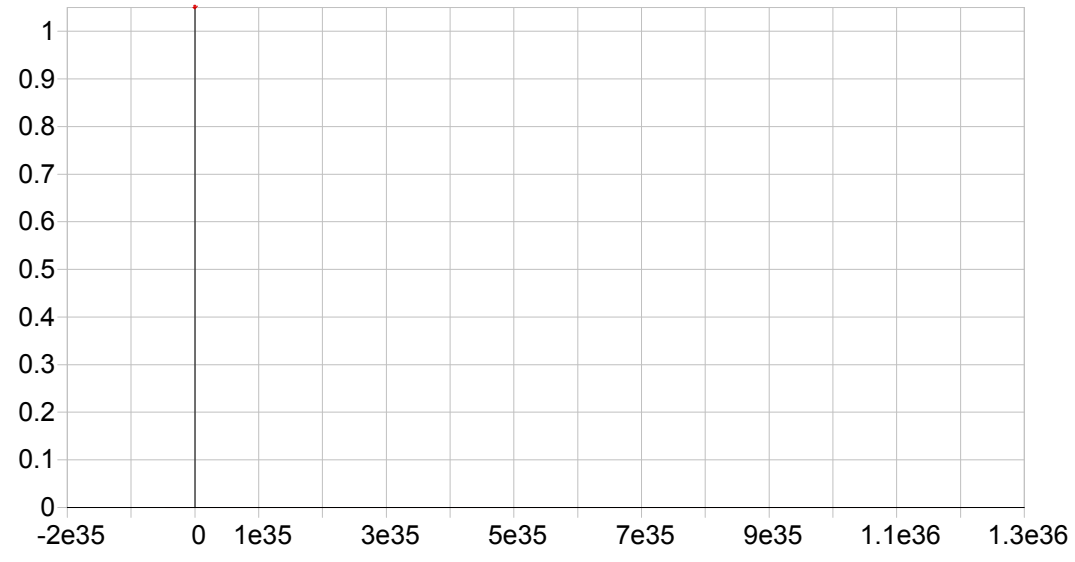


V 292.402 {115}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000614	Re-Slope:	1.000000
A1 (Gain):	0.687012	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000715		
Predicted MQL:	0.002384		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	.00061	.000	1
S1	1.0000	1.0000	.000	.000	.68763	.038	1



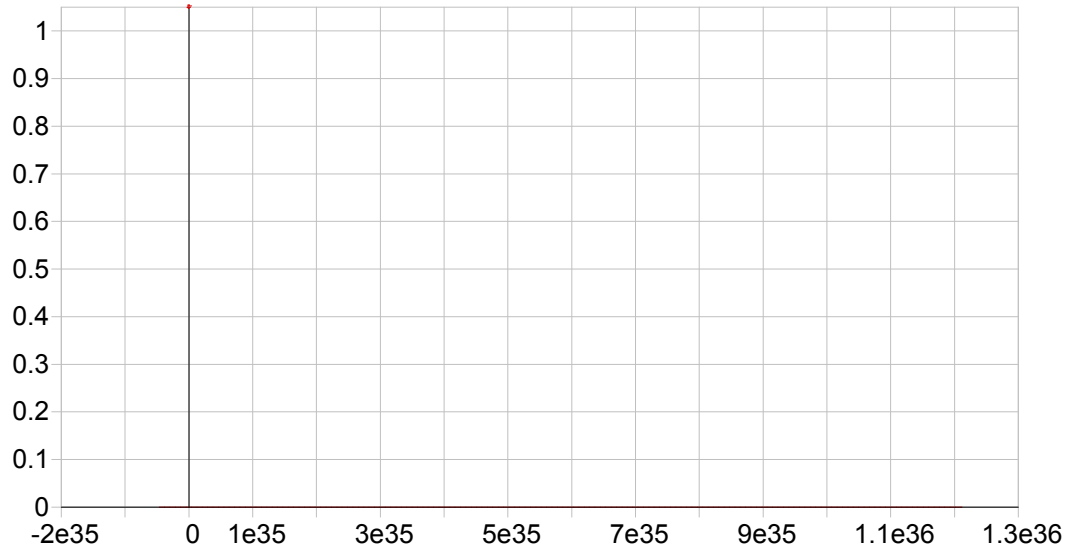
Y 224.306 {450}*

Date of Fit:	1/27/2021 10:00:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



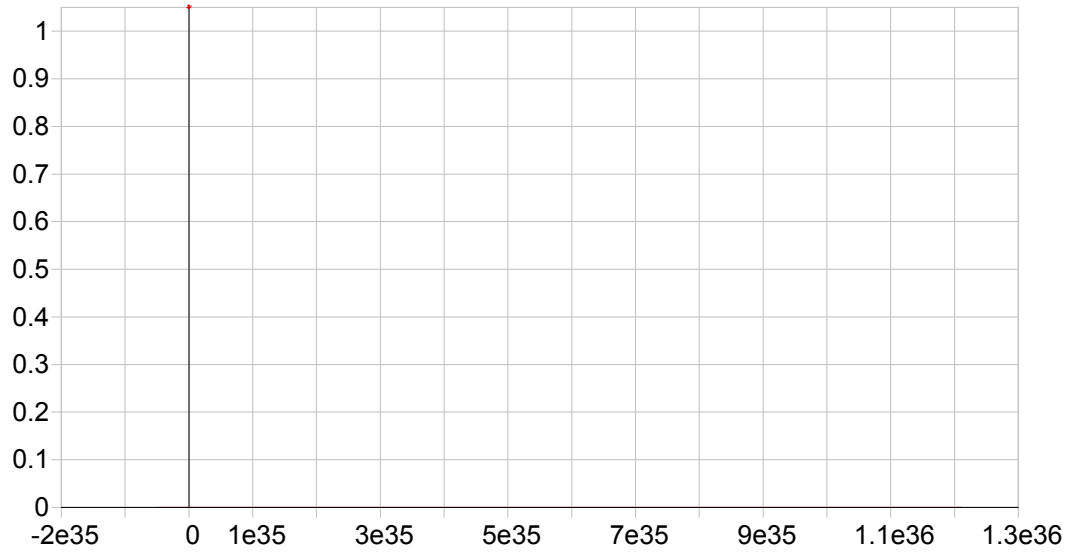
Y 360.073 { 94}*

Date of Fit:	1/27/2021 10:00:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		

Correlation:	0.000000	Status:	Warning	Zero Gain
Std Error of Est:	0.000000			
Predicted MDL:	n/a			
Predicted MQL:	n/a			

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

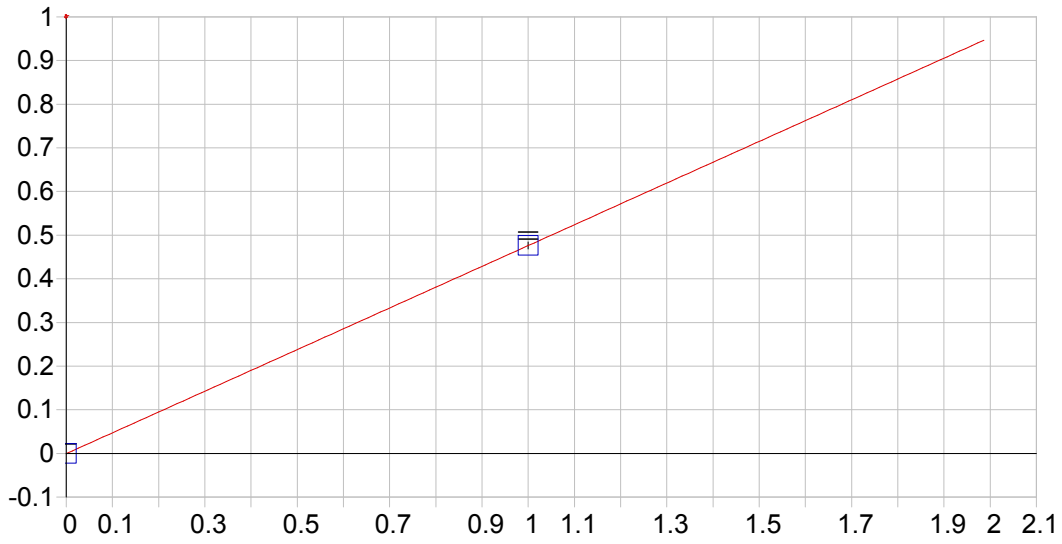


Y 371.030 { 91}*

Date of Fit:	1/27/2021 10:00:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Zn 206.200 {463}

Date of Fit:	11/23/2021 17:17:42	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000556	Re-Slope:	1.000000
A1 (Gain):	0.476813	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000000		
Predicted MDL:	0.000721		
Predicted MQL:	0.002403		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
Blank	.00000	.00000	.000	.000	-.00056	.000	1
S1	1.0000	1.0000	.000	.000	.47626	.008	1

Sample Name: Blank Acquired: 11/23/2021 17:11:18 Type: Cal
Method: P6112321A Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00028**	**.00244**	**-.00176**	**.01159**	**.00374**	**-.00030**	**-.00090**
Stddev	.00040	.00028	.00033	.00003	.00006	.00000	.00018
%RSD	141.42	11.303	19.000	.22087	1.6773	.09645	20.372
#1	.00056	.00264	-.00153	.01158	.00370	-.00030	-.00103
#2	.00000	.00225	-.00200	.01161	.00379	-.00030	-.00077

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00561**	**.0032**	**-2.367**	**-.00031**	**-.00014**	**.02040**	**.00048**
Stddev	.00016	.0000	.381	.00023	.00012	.00063	.00008
%RSD	2.8792	.5596	16.11	74.053	86.038	3.0667	17.530
#1	.00572	.0032	-2.098	-.00015	-.00006	.01995	.00042
#2	.00549	.0032	-2.637	-.00047	-.00023	.02084	.00054

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00037**	**.0005**	**-.00034**	**.00000**	**-.00015**	**-.00099**	**.00125**
Stddev	.00019	.0001	.00010	.00006	.00025	.00094	.00003
%RSD	52.889	14.90	28.265	1433.8	174.92	95.532	2.2055
#1	-.00051	.0006	-.00041	-.00004	.00003	-.00032	.00124
#2	-.00023	.0005	-.00027	.00005	-.00032	-.00165	.00127

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00049**	**.00007**	**-.00013**	**.00552**	**.00052**	**.00008**	**.00072**
Stddev	.00010	.00000	.00007	.00005	.00005	.00025	.00007
%RSD	21.058	6.2342	57.415	.93004	10.240	325.93	9.9751
#1	-.00057	.00008	-.00008	.00548	.00055	.00025	.00067
#2	-.00042	.00007	-.00018	.00556	.00048	-.00010	.00077

Elem	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S
Avg	**.00030**	**.00061**	**-.00056**
Stddev	.00005	.00016	.00012
%RSD	17.822	25.489	20.709
#1	.00034	.00050	-.00047
#2	.00027	.00073	-.00064

Sample Name: Blank Acquired: 11/23/2021 17:11:18 Type: Cal
Method: P6112321A Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2018.3	932.56	6152.8	5558.4
Stddev	63.3	51.96	180.9	105.3
%RSD	3.1361	5.5714	2.9407	1.8954
#1	2063.0	969.30	6280.8	5632.9
#2	1973.5	895.82	6024.9	5483.9

Sample Name: S1 Acquired: 11/23/2021 17:14:35 Type: Cal
Method: P6112321A Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	As1890	B_2089	Ba4554	Be2348	Bi2230	Cd2288	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.57405	.19853	1.4744	9.4995	1.1364	.21374	4.475	1.0657
Stddev	.03148	.00078	.0008	.0819	.0253	.00086	.020	.0099
%RSD	5.4843	.39087	.05084	.86221	2.2252	.40340	.4534	.92800
#1	.59631	.19908	1.4739	9.4416	1.1185	.21435	4.489	1.0727
#2	.55179	.19798	1.4750	9.5575	1.1543	.21313	4.461	1.0587

Elem	Cr2677	Cu3247	Li6707	Mn2576	Mo2020	Ni2316	Pb2203	Sb2068
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.32090	1.5753	5.272	.45857	1.1981	.27197	.21872	.46047
Stddev	.01685	.1003	.007	.01129	.0031	.00261	.00134	.00127
%RSD	5.2506	6.3656	.1339	2.4623	.26174	.95969	.61154	.27486
#1	.33282	1.6462	5.267	.45059	1.2003	.27382	.21966	.45957
#2	.30899	1.5044	5.277	.46656	1.1959	.27013	.21777	.46136

Elem	Se1960	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.23902	.60597	.19161	46.758	1.4855	.10064	.68763	.47626
Stddev	.00056	.00257	.00159	1.972	.0852	.00078	.03797	.00792
%RSD	.23338	.42336	.82797	4.2175	5.7364	.77111	5.5220	1.6637
#1	.23863	.60778	.19273	48.152	1.5458	.10118	.71448	.48186
#2	.23942	.60415	.19049	45.363	1.4253	.10009	.66078	.47065

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1829.9	805.65	5047.3	4632.4
Stddev	1.7	3.86	232.4	9.1
%RSD	.09451	.47891	4.6040	.19687
#1	1828.7	808.38	4883.0	4638.8
#2	1831.1	802.92	5211.6	4625.9

Sample Name: S2 Acquired: 11/23/2021 17:17:47 Type: Cal
Method: P6112321A Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3082	Ca3179	Fe2714	K_7664	Mg2790	Na5895
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2.6450**	**8.7352**	**.41880**	**10.256**	**1.1196**	**41.978**
Stddev	.0471	.0927	.00648	.147	.0174	.735
%RSD	1.7811	1.0617	1.5482	1.4337	1.5567	1.7514
#1	2.6117	8.6696	.41422	10.152	1.1073	42.498
#2	2.6783	8.8008	.42339	10.360	1.1319	41.458

Int. Std.	Y_3710
Units	Cts/S
Avg	**4436.2**
Stddev	42.8
%RSD	.96484
#1	4466.4
#2	4405.9

Sample Name: CE Acquired: 11/23/2021 17:21:08 Type: Cal
Method: P6112321A Mode: IR Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ce4040
Units	Cts/S
Avg	**2448.**
Stddev	33.
%RSD	1.350
#1	2425.
#2	2472.

Sample Name: S1 Acquired: 11/23/2021 17:24:27 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment: P6112321B

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9613620**	**.0101387**	**1.009599**	**1.003334**	**1.014444**	**1.010144**
Stddev	.0037817	.0052681	.007172	.004434	.013230	.009095
%RSD	.3933633	51.95988	.7104270	.4418907	1.304140	.9003563
#1	.9586880	.0138638	1.004528	1.000199	1.005089	1.003713
#2	.9640361	.0064136	1.014671	1.006469	1.023799	1.016575
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9893574**	**.0046237**	**.9982392**	F **.1402498**	**.9902984**	**.9534687**
Stddev	.0079316	.0007830	.0054606	.0106343	.0075833	.0013674
%RSD	.8016892	16.93507	.5470235	7.582427	.7657624	.1434140
#1	.9837489	.0051773	.9943779	.1477694	.9849362	.9525018
#2	.9949658	.0040700	1.002100	.1327302	.9956607	.9544356
Check ?	Chk Pass	None	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				1.000000		
Range				-5.00000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9621478**	**.0110003**	**.0064037**	**1.039408**	**-.006125**	**1.003803**
Stddev	.0017851	.0422565	.0078777	.009092	.004580	.008484
%RSD	.1855282	384.1387	123.0193	.8747698	74.77871	.8451665
#1	.9634100	.0408802	.0119741	1.032978	-.002886	.997804
#2	.9608856	-.018880	.0008333	1.045837	-.009364	1.009802
Check ?	Chk Pass	None	None	Chk Pass	None	Chk Pass
Value						
Range						

Sample Name: S1 Acquired: 11/23/2021 17:24:27 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment: P6112321B

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.002697	.0148889	.9935650	.9929153	1.005473	1.004358
Stddev	.006564	.0024111	.0074449	.0095374	.004202	.002394
%RSD	.6546726	16.19369	.7493085	.9605461	.4179538	.2383556
#1	.998056	.0165938	.9883007	.9861713	1.002502	1.002666
#2	1.007339	.0131840	.9988293	.9996592	1.008445	1.006051
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9888193	.9893381	.9679972	.9570023	.9942056	.9567699
Stddev	.0052611	.0086225	.0106022	.0025697	.0080306	.0047090
%RSD	.5320581	.8715443	1.095274	.2685190	.8077410	.4921732
#1	.9850992	.9832411	.9754941	.9551852	.9885271	.9534402
#2	.9925395	.9954352	.9605003	.9588194	.9998841	.9600997
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.9832638
Stddev	.0093284
%RSD	.9487134
#1	.9766677
#2	.9898599
Check ?	Chk Pass
Value	
Range	

Sample Name: S1 Acquired: 11/23/2021 17:24:27 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment: P6112321B

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1812.608	789.4746	5157.320	4535.777
Stddev	11.354	2.6257	4.738	11.770
%RSD	.6264032	.3325835	.0918785	.2594880
#1	1820.637	791.3312	5160.670	4544.100
#2	1804.580	787.6180	5153.969	4527.455

Sample Name: S2 Acquired: 11/23/2021 17:27:37 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001357**	**99.92754**	**-.005232**	**.0024273**	**.0016614**	**.0012491**	**.0040533**
Stddev	.0005812	.52007	.000809	.0007933	.0000043	.0005802	.0002965
%RSD	428.1956	.5204454	15.46885	32.68379	.2585112	46.45049	7.314371
#1	-.000275	99.55980	-.005805	.0029882	.0016583	.0008388	.0038437
#2	.000547	100.2953	-.004660	.0018663	.0016644	.0016594	.0042629
Check ?	None	Chk Pass	None	None	None	None	None
Value							
Range							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**99.06653**	**.0001452**	**.0382368**	**.0002049**	**-.001505**	**.0016378**	**100.2087**
Stddev	1.34554	.0002036	.0091739	.0001203	.001791	.0005788	.4398
%RSD	1.358219	140.2130	23.99230	58.72001	119.0082	35.33888	.4388956
#1	100.0180	.0002892	.0317499	.0002900	-.000238	.0020470	100.5197
#2	98.1151	.0000012	.0447237	.0001199	-.002771	.0012285	99.8977
Check ?	Chk Pass	None	None	None	None	None	Chk Pass
Value							
Range							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**98.69217**	**.0005828**	**99.66584**	**.0009417**	**-.000948**	**101.0829**	**.0017412**
Stddev	.98461	.0000214	.41971	.0002390	.001052	1.4461	.0019939
%RSD	.9976606	3.669956	.4211173	25.38233	110.9485	1.430636	114.5123
#1	97.99594	.0005677	99.36906	.0007727	-.000204	102.1054	.0031511
#2	99.38840	.0005979	99.96262	.0011107	-.001692	100.0603	.0003313
Check ?	Chk Pass	None	Chk Pass	None	None	Chk Pass	None
Value							
Range							

Sample Name: S2 Acquired: 11/23/2021 17:27:37 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002754	-.000449	.0013908	-.000432	.0021912	.0004995	.0031620
Stddev	.0003065	.000958	.0049445	.000933	.0012189	.0000254	.0000097
%RSD	111.3254	213.6057	355.5245	216.1147	55.62920	5.093048	.3081236
#1	.0000586	-.001126	-.002106	-.001091	.0013293	.0005175	.0031551
#2	.0004921	.000229	.004887	.000228	.0030531	.0004816	.0031689
Check ?	None	None	None	None	None	None	None
Value							
Range							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0065153	-.000665	.0001362
Stddev	.0025594	.000310	.0012556
%RSD	39.28276	46.57683	921.9062
#1	.0083250	-.000446	.0010240
#2	.0047055	-.000885	-.000752
Check ?	None	None	None
Value			
Range			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1481.467	736.2769	4730.373	4450.345
Stddev	.125	2.8045	23.007	9.560
%RSD	.0084360	.3808994	.4863702	.2148187
#1	1481.379	734.2938	4714.104	4443.585
#2	1481.555	738.2599	4746.641	4457.105

Sample Name: ICV Acquired: 11/23/2021 17:30:56 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3680868**	**38.10076**	**.4072511**	**.4178216**	**.3906176**	**.3916372**
Stddev	.0007574	.10794	.0017996	.0033690	.0012223	.0038066
%RSD	.2057582	.2832908	.4418900	.8063274	.3129083	.9719670
#1	.3675512	38.02444	.4059786	.4154393	.3897533	.3889456
#2	.3686223	38.17709	.4085236	.4202038	.3914819	.3943289
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4007637**	**19.47818**	**.4044376**	F **.0834986**	**.4060305**	**.3652383**
Stddev	.0019430	.38250	.0022582	.0017324	.0018286	.0007043
%RSD	.4848337	1.963761	.5583657	2.074733	.4503712	.1928475
#1	.3993898	19.20771	.4028407	.0847236	.4047375	.3647402
#2	.4021377	19.74865	.4060344	.0822737	.4073235	.3657363
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.4000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3978384**	**20.56492**	**40.65487**	**3.139569**	**19.94124**	**3.834970**
Stddev	.0034341	.43587	.42585	.041542	.05169	.044826
%RSD	.8631960	2.119476	1.047485	1.323174	.2592069	1.168879
#1	.4002667	20.25672	40.95599	3.168944	19.97779	3.803273
#2	.3954101	20.87313	40.35374	3.110194	19.90470	3.866666
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 11/23/2021 17:30:56 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3963310**	**20.43045**	**.4063612**	**.4072697**	**.4224254**	**.4073121**
Stddev	.0021895	.24038	.0044398	.0028943	.0025193	.0061379
%RSD	.5524351	1.176594	1.092577	.7106510	.5963855	1.506938
#1	.3947828	20.60043	.4032218	.4052231	.4206440	.4029719
#2	.3978792	20.26048	.4095007	.4093162	.4242068	.4116523
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4340771**	**.4152019**	**.3878820**	**.3858886**	**.4148690**	**3.787073**
Stddev	.0036078	.0013209	.0014988	.0002509	.0046206	.008710
%RSD	.8311473	.3181327	.3864198	.0650105	1.113749	.2299855
#1	.4315260	.4142679	.3889418	.3860660	.4116018	3.780914
#2	.4366282	.4161359	.3868221	.3857112	.4181363	3.793232
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	**.4111446**
Stddev	.0028191
%RSD	.6856837
#1	.4091512
#2	.4131381
Check ?	Chk Pass
Value	
Range	

Sample Name: ICV Acquired: 11/23/2021 17:30:56 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1645.086	762.4763	4916.608	4584.934
Stddev	2.774	.1735	41.922	44.562
%RSD	.1686526	.0227599	.8526533	.9719244
#1	1647.048	762.5990	4886.965	4553.424
#2	1643.124	762.3536	4946.251	4616.444

Sample Name: ICB Acquired: 11/23/2021 17:34:02 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001621**	**.0157070**	**-.002147**	**.0015666**	**-.000002**	**-.000067**	**-.000206**
Stddev	.0002948	.0005194	.000101	.0000512	.000003	.000245	.000868
%RSD	181.9144	3.306769	4.711795	3.265556	135.2689	366.0021	421.8392
#1	-.000046	.0160742	-.002075	.0016028	-.000000	-.000241	-.000820
#2	.000371	.0153397	-.002219	.0015304	-.000004	.000107	.000408
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.007450**	**.0000115**	**.0036555**	**-.000139**	**-.001264**	**.0014705**	**.0190697**
Stddev	.001755	.0001114	.0013837	.000575	.000425	.0000210	.0248580
%RSD	23.55917	967.5520	37.85259	414.6985	33.59340	1.430663	130.3535
#1	-.006209	-.000067	.0046339	-.000545	-.001564	.0014853	.0014924
#2	-.008691	.000090	.0026771	.000268	-.000964	.0014556	.0366469
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0168944**	**.0002802**	**.0168288**	**-.000025**	**-.000118**	**.0098470**	**.0001748**
Stddev	.0001516	.0001159	.0017370	.000152	.000260	.0005745	.0004102
%RSD	.8972287	41.36111	10.32162	608.4429	220.7622	5.834481	234.7111
#1	.0170016	.0003621	.0156006	.000082	-.000302	.0094408	-.000115
#2	.0167872	.0001982	.0180571	-.000132	.000066	.0102533	.000465
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: ICB Acquired: 11/23/2021 17:34:02 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001965	-.001303	-.000234	.0001588	-.001739	.0000113	.0002049
Stddev	.000538	.000343	.001145	.0000102	.000255	.0000005	.0000284
%RSD	27.37370	26.33871	489.5061	6.406746	14.64581	4.222538	13.87714
#1	-.002345	-.001060	.000576	.0001516	-.001559	.0000110	.0001848
#2	-.001584	-.001545	-.001044	.0001660	-.001919	.0000117	.0002250
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0014010	.0005053	.0002115
Stddev	.0003168	.0001845	.0000161
%RSD	22.61078	36.50306	7.596054
#1	.0016250	.0003749	.0002002
#2	.0011770	.0006357	.0002229
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.193	802.1891	5142.336	4654.559
Stddev	21.660	11.1129	9.681	45.816
%RSD	1.173873	1.385324	.1882534	.9843310
#1	1829.877	794.3311	5149.181	4622.162
#2	1860.509	810.0471	5135.490	4686.956

Sample Name: ICVL Acquired: 11/23/2021 17:37:18 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046637	.1980112	.0104282	.0503233	.0102738	.0038075
Stddev	.0000389	.0138224	.0010305	.0001053	.0000742	.0001042
%RSD	.8349651	6.980636	9.881853	.2092302	.7226233	2.736086
#1	.0046913	.1882373	.0096995	.0502488	.0102213	.0037339
#2	.0046362	.2077852	.0111569	.0503977	.0103263	.0038812
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0499861	.1877274	.0020112	F .0067933	.0047906	.0089221
Stddev	.0006477	.0002117	.0000036	.0022494	.0000812	.0004297
%RSD	1.295805	.1127675	.1786016	33.11173	1.694249	4.815998
#1	.0504441	.1878771	.0020086	.0083839	.0048480	.0086183
#2	.0495281	.1875777	.0020137	.0052028	.0047332	.0092260
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				30.00000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112764	.1671468	.5323416	.0103139	.1152557	.0099950
Stddev	.0003008	.0038339	.0031899	.0000917	.0094064	.0002826
%RSD	2.667234	2.293718	.5992118	.8894139	8.161335	2.827808
#1	.0114891	.1644358	.5345971	.0102490	.1086044	.0097951
#2	.0110637	.1698577	.5300860	.0103787	.1219071	.0101948
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICVL Acquired: 11/23/2021 17:37:18 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101787	1.065191	.0095491	.0048267	.0200806	.0099909
Stddev	.0006710	.010704	.0007495	.0001774	.0001509	.0010162
%RSD	6.592724	1.004930	7.849283	3.675946	.7513057	10.17120
#1	.0106532	1.057621	.0100791	.0049521	.0199740	.0107095
#2	.0097042	1.072760	.0090191	.0047012	.0201873	.0092723
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1655846	.0381676	.0050241	.0048165	.0100706	.0053192
Stddev	.0003132	.0008985	.0000089	.0001085	.0003696	.0001189
%RSD	.1891440	2.354115	.1774487	2.252805	3.670306	2.235000
#1	.1653632	.0388030	.0050304	.0048933	.0103319	.0054033
#2	.1658061	.0375323	.0050178	.0047398	.0098092	.0052352
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.0210219
Stddev	.0006559
%RSD	3.120124
#1	.0214857
#2	.0205581
Check ?	Chk Pass
Value	
Range	

Sample Name: ICVL Acquired: 11/23/2021 17:37:18 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1837.376	800.9271	5219.181	4657.727
Stddev	11.719	7.7086	7.290	2.361
%RSD	.6378245	.9624540	.1396831	.0506901
#1	1845.662	806.3779	5224.336	4656.058
#2	1829.089	795.4764	5214.026	4659.397

Sample Name: CRI Acquired: 11/23/2021 17:40:53 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0092083**	**.3911004**	**.0214182**	**.1031002**	**.0208469**	**.0081137**	**.1009009**
Stddev	.0000847	.0040168	.0007079	.0002595	.0000419	.0000189	.0031342
%RSD	.9201954	1.027054	3.305048	.2517284	.2007422	.2325536	3.106231
#1	.0092682	.3882601	.0219187	.1032837	.0208173	.0081270	.0986847
#2	.0091484	.3939407	.0209176	.1029167	.0208765	.0081003	.1031171
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3793920**	**.0041001**	**.0127068**	**.0102671**	**.0178075**	**.0213941**	**.4045558**
Stddev	.0095385	.0002747	.0003481	.0002240	.0009835	.0001332	.0017366
%RSD	2.514146	6.701157	2.739649	2.181452	5.523240	.6226568	.4292607
#1	.3726473	.0039058	.0129529	.0101087	.0171120	.0214883	.4033278
#2	.3861367	.0042944	.0124606	.0104255	.0185029	.0212999	.4057838
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.089418**	**.0192717**	**.2277328**	**.0203595**	**.0200441**	**2.128424**	**.0207452**
Stddev	.025900	.0004332	.0163650	.0002751	.0000777	.037662	.0002615
%RSD	2.377389	2.247873	7.186076	1.351108	.3876186	1.769497	1.260603
#1	1.107732	.0195781	.2393046	.0205540	.0199892	2.155055	.0205603
#2	1.071104	.0189654	.2161609	.0201650	.0200991	2.101792	.0209302
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Sample Name: CRI Acquired: 11/23/2021 17:40:53 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081425	.0425630	.0206196	.3600197	.0805283	.0101091	.0097953
Stddev	.0001456	.0004782	.0030752	.0001984	.0030005	.0000005	.0000697
%RSD	1.788179	1.123412	14.91407	.0550939	3.726042	.0045270	.7118462
#1	.0082454	.0422249	.0184451	.3598795	.0784066	.0101087	.0097460
#2	.0080395	.0429011	.0227941	.3601600	.0826500	.0101094	.0098446
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0216539	.0096859	.0418731
Stddev	.0012594	.0002492	.0002071
%RSD	5.815896	2.572917	.4946793
#1	.0225445	.0095097	.0417266
#2	.0207634	.0098622	.0420195
Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1803.464	786.0352	5158.443	4609.795
Stddev	12.930	5.9389	10.041	13.999
%RSD	.7169382	.7555497	.1946431	.3036895
#1	1812.606	790.2347	5151.344	4599.896
#2	1794.321	781.8358	5165.543	4619.694

Sample Name: ICSA Acquired: 11/23/2021 17:44:09 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003155	538.0251	-.004236	-.001361	.0079558	.0022233
Stddev	.0003390	6.8900	.000704	.000297	.0000353	.0001267
%RSD	107.4240	1.280601	16.61618	21.80308	.4433939	5.701015
#1	.0000759	533.1531	-.004734	-.001151	.0079807	.0023129
#2	.0005552	542.8970	-.003739	-.001570	.0079308	.0021337
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040680	505.3432	-.000080	F .1245787	.0003995	-.001070
Stddev	.0015869	.8797	.000095	.0048309	.0002893	.000122
%RSD	39.00902	.1740772	118.5885	3.877804	72.42958	11.37964
#1	.0029459	505.9652	-.000013	.1211628	.0006041	-.001157
#2	.0051901	504.7211	-.000147	.1279947	.0001949	-.000984
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006540	200.0387	-.022262	.0012230	495.4919	.0026441
Stddev	.0004153	.2598	.003355	.0000539	2.6603	.0000847
%RSD	63.49778	.1298870	15.06906	4.404140	.5368924	3.204134
#1	.0009476	199.8549	-.019890	.0012611	493.6108	.0025842
#2	.0003604	200.2224	-.024635	.0011849	497.3730	.0027040
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA Acquired: 11/23/2021 17:44:09 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000568	.0433624	.0022781	.0036318	-.006137	.0039355
Stddev	.000409	.0022488	.0005712	.0000508	.001705	.0044856
%RSD	71.98181	5.186005	25.07446	1.399975	27.78584	113.9794
#1	-.000857	.0417723	.0018742	.0036677	-.004931	.0071072
#2	-.000279	.0449526	.0026821	.0035958	-.007343	.0007637
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.012184	.0111082	.0018065	.0029317	-.002694	-.000767
Stddev	.001191	.0025095	.0002247	.0001542	.005134	.000193
%RSD	9.775954	22.59148	12.43729	5.260537	190.5299	25.12244
#1	-.011342	.0093337	.0019653	.0030407	-.006324	-.000631
#2	-.013026	.0128827	.0016476	.0028226	.000936	-.000903
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0005825
Stddev	.0002841
%RSD	48.76828
#1	.0003816
#2	.0007834
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: ICSA Acquired: 11/23/2021 17:44:09 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1288.607	659.6161	4335.242	4068.301
Stddev	11.784	6.5559	17.884	2.399
%RSD	.9144375	.9938984	.4125273	.0589772
#1	1296.939	664.2518	4322.596	4069.997
#2	1280.275	654.9804	4347.888	4066.604

Sample Name: ICSAB Acquired: 11/23/2021 17:47:24 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2070791**	**537.6599**	**.0987612**	**-.002592**	**.5186919**	**.5500924**
Stddev	.0030435	8.2116	.0019617	.000411	.0058378	.0063714
%RSD	1.469727	1.527283	1.986261	15.85696	1.125490	1.158247
#1	.2049270	531.8534	.0973741	-.002301	.5145639	.5455871
#2	.2092311	543.4664	.1001483	-.002883	.5228199	.5545977
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0083431**	**494.5356**	**1.072786**	F **.1528123**	**.5142283**	**.4330774**
Stddev	.0025089	4.5852	.016948	.0021053	.0067321	.0037504
%RSD	30.07212	.9271804	1.579765	1.377698	1.309157	.8659783
#1	.0065690	491.2933	1.060802	.1543010	.5094680	.4304255
#2	.0101172	497.7778	1.084770	.1513237	.5189885	.4357293
Check ?	None	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.2000000		
Range				-20.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5613853**	**198.5163**	**-.009281**	**.0012565**	**491.9335**	**.4922085**
Stddev	.0037230	2.2373	.017727	.0002348	4.7787	.0068974
%RSD	.6631842	1.127016	190.9988	18.68765	.9714073	1.401322
#1	.5640179	196.9343	.003254	.0010904	488.5545	.4873313
#2	.5587527	200.0983	-.021816	.0014225	495.3125	.4970857
Check ?	Chk Pass	Chk Pass	None	None	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICSAB Acquired: 11/23/2021 17:47:24 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008161**	**.0427323**	**.9964393**	**.0490708**	**.6012207**	**.0520677**
Stddev	.0012006	.0017215	.0137273	.0013834	.0070010	.0012487
%RSD	147.1153	4.028599	1.377630	2.819103	1.164469	2.398140
#1	.0016651	.0439495	.9867327	.0480926	.5962702	.0529506
#2	-.000033	.0415150	1.006146	.0500490	.6061711	.0511848
Check ?	None	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0067423**	**.0098354**	**.0018920**	**.0032584**	**.0915386**	**.4587736**
Stddev	.0014918	.0013734	.0001816	.0000489	.0004145	.0023338
%RSD	22.12596	13.96359	9.597068	1.499774	.4528132	.5087100
#1	.0077972	.0088643	.0020204	.0032929	.0912455	.4571234
#2	.0056875	.0108066	.0017636	.0032238	.0918317	.4604239
Check ?	None	None	None	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	**.9909250**
Stddev	.0212037
%RSD	2.139784
#1	.9759317
#2	1.005918
Check ?	Chk Pass
Value	
Range	

Sample Name: ICSAB Acquired: 11/23/2021 17:47:24 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1305.794	663.7185	4359.822	4080.979
Stddev	4.010	2.0621	36.522	11.681
%RSD	.3070883	.3106827	.8376929	.2862189
#1	1302.959	662.2604	4333.997	4089.239
#2	1308.630	665.1766	4385.647	4072.720

Sample Name: CCV Acquired: 11/23/2021 17:50:31 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4709728**	**49.17260**	**.5079006**	**.5068051**	**.4947997**	**.5006557**
Stddev	.0036097	.39197	.0024892	.0048508	.0000122	.0041139
%RSD	.7664333	.7971387	.4901029	.9571227	.0024555	.8217083
#1	.4684204	48.89543	.5096608	.5102351	.4948083	.5035647
#2	.4735252	49.44976	.5061404	.5033751	.4947911	.4977467
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5093457**	**23.79705**	**.5067394**	F **.0989989**	**.5129466**	**.4580955**
Stddev	.0045418	.01054	.0026440	.0086715	.0036479	.0040915
%RSD	.8916874	.0442730	.5217586	8.759173	.7111601	.8931582
#1	.5125573	23.80450	.5086090	.1051306	.5155261	.4552023
#2	.5061342	23.78960	.5048699	.0928672	.5103672	.4609886
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5014694**	**24.73149**	**51.63807**	**3.981846**	**24.98812**	**4.836880**
Stddev	.0020903	.12759	.01982	.003618	.11950	.004750
%RSD	.4168306	.5158972	.0383833	.0908573	.4782156	.0982090
#1	.5029474	24.64127	51.62405	3.979288	24.90362	4.840238
#2	.4999913	24.82171	51.65208	3.984404	25.07262	4.833521
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/23/2021 17:50:31 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4912081	26.13360	.5081274	.5108540	.4917555	.5036895
Stddev	.0039565	.08072	.0028834	.0094727	.0027339	.0080485
%RSD	.8054658	.3088875	.5674538	1.854294	.5559499	1.597907
#1	.4940058	26.07652	.5101663	.5175523	.4936887	.5093806
#2	.4884104	26.19068	.5060885	.5041558	.4898223	.4979984
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .3814675	.5144362	.4817902	.4789672	.5084029	4.719844
Stddev	.0024226	.0032183	.0005427	.0011642	.0042553	.018138
%RSD	.6350754	.6256005	.1126422	.2430660	.8369882	.3842995
#1	.3831806	.5167119	.4821740	.4781439	.5114119	4.707018
#2	.3797545	.5121605	.4814065	.4797904	.5053940	4.732670
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	.5090137
Stddev	.0025658
%RSD	.5040742
#1	.5108280
#2	.5071994
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/23/2021 17:50:31 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1631.389	760.6781	4912.066	4506.515
Stddev	11.941	6.0546	23.146	28.904
%RSD	.7319298	.7959451	.4712143	.6413867
#1	1622.945	756.3968	4895.699	4486.076
#2	1639.832	764.9593	4928.432	4526.953

Sample Name: CCB Acquired: 11/23/2021 17:53:37 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000359**	**.0227556**	**-.000861**	**.0008913**	**-.000037**	**.0000565**
Stddev	.000175	.0045897	.003463	.0000042	.000100	.0000418
%RSD	48.88773	20.16966	402.3612	.4709168	272.1350	73.97298
#1	-.000235	.0195102	-.003309	.0008943	.000034	.0000269
#2	-.000483	.0260010	.001588	.0008883	-.000107	.0000860
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000452**	**-.005886**	**-.000105**	F **.0127355**	**.0001373**	**.0005819**
Stddev	.001393	.002890	.000206	.0067808	.0003304	.0002074
%RSD	307.8889	49.08827	195.4523	53.24316	240.5532	35.63754
#1	-.001437	-.003843	.000040	.0175302	.0003710	.0004352
#2	.000532	-.007930	-.000251	.0079408	-.000096	.0007285
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017429**	**-.014553**	**.0124161**	**.0002685**	**.0121654**	**.0001507**
Stddev	.0000975	.018795	.0012561	.0000001	.0079303	.0006095
%RSD	5.591770	129.1512	10.11681	.0441230	65.18714	404.5171
#1	.0018118	-.027843	.0133043	.0002684	.0177729	-.000280
#2	.0016740	-.001263	.0115279	.0002686	.0065578	.000582
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/23/2021 17:53:37 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001622	.0069315	.0006193	-.000458	-.000374	.0001439
Stddev	.0003962	.0006126	.0002121	.000620	.000258	.0016149
%RSD	244.2929	8.838539	34.24753	135.2859	69.04017	1122.430
#1	.0004423	.0064983	.0007693	-.000897	-.000556	.0012858
#2	-.000118	.0073647	.0004693	-.000020	-.000191	-.000998
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000469	-.001733	.0000222	.0002629	.0028069	.0000167
Stddev	.000910	.000605	.0000128	.0000583	.0022541	.0002778
%RSD	194.1810	34.89961	57.52847	22.17179	80.30504	1661.583
#1	.000175	-.002161	.0000312	.0002217	.0044007	.0002131
#2	-.001112	-.001306	.0000132	.0003041	.0012130	-.000180
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	-.000233
Stddev	.000094
%RSD	40.22526
#1	-.000167
#2	-.000299
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/23/2021 17:53:37 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1806.233	774.6216	5058.306	4571.647
Stddev	8.641	3.5351	29.146	16.512
%RSD	.4784120	.4563585	.5762059	.3611789
#1	1812.344	777.1213	5037.696	4583.323
#2	1800.123	772.1220	5078.915	4559.972

Sample Name: MRL Acquired: 11/23/2021 17:56:55 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0040545**	**.2131808**	**.0085417**	**.0518341**	**.0102875**	**.0038787**
Stddev	.0003199	.0045823	.0034044	.0016501	.0000167	.0003515
%RSD	7.889190	2.149512	39.85664	3.183398	.1619911	9.063341
#1	.0038283	.2099406	.0109490	.0530009	.0102757	.0041273
#2	.0042806	.2164210	.0061344	.0506673	.0102992	.0036301
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0523380**	**.1836202**	**.0020802**	**.0044192**	**.0048832**	**.0091171**
Stddev	.0011565	.0036700	.0001705	.0017157	.0003036	.0012681
%RSD	2.209751	1.998684	8.193901	38.82429	6.217827	13.90924
#1	.0531558	.1810251	.0022007	.0056324	.0050979	.0100138
#2	.0515202	.1862152	.0019596	.0032060	.0046685	.0082204
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0117745**	**.2219919**	**.5339497**	**.0102465**	**.1026706**	**.0099337**
Stddev	.0001276	.0284106	.0074395	.0000726	.0209936	.0000239
%RSD	1.083995	12.79803	1.393305	.7089120	20.44757	.2404517
#1	.0116842	.2019026	.5286891	.0101951	.0878259	.0099168
#2	.0118647	.2420813	.5392103	.0102979	.1175154	.0099506
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: MRL Acquired: 11/23/2021 17:56:55 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102972	1.068525	.0108218	F .0029318	.0203944	.0091534
Stddev	.0001967	.016735	.0001906	.0001964	.0029062	.0001338
%RSD	1.910328	1.566169	1.761483	6.698659	14.25008	1.461725
#1	.0101581	1.056692	.0109566	.0030707	.0224494	.0090588
#2	.0104363	1.080358	.0106870	.0027929	.0183394	.0092481
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				-30.0000%		

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1717615	.0402366	.0050577	.0048759	.0114251	.0049085
Stddev	.0051700	.0001722	.0000231	.0000270	.0004929	.0000503
%RSD	3.010011	.4280328	.4570022	.5537087	4.313883	1.024077
#1	.1754173	.0403584	.0050741	.0048568	.0110766	.0049441
#2	.1681058	.0401148	.0050414	.0048950	.0117737	.0048730
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.0206486
Stddev	.0010506
%RSD	5.088171
#1	.0213915
#2	.0199057
Check ?	Chk Pass
Value	
Range	

Sample Name: MRL Acquired: 11/23/2021 17:56:55 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1767.148	762.2748	5117.507	4618.845
Stddev	31.873	13.1075	8.048	13.249
%RSD	1.803618	1.719530	.1572735	.2868516
#1	1744.611	753.0064	5111.815	4628.213
#2	1789.685	771.5433	5123.198	4609.476

Sample Name: MRL Acquired: 11/23/2021 18:00:12 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0045305**	**.2075192**	**.0099765**	**.0502186**	**.0101198**	**.0038846**
Stddev	.0003468	.0086273	.0000532	.0003317	.0001794	.0003070
%RSD	7.653858	4.157356	.5333847	.6605037	1.772734	7.902646
#1	.0042853	.2136196	.0100141	.0499841	.0099930	.0036676
#2	.0047757	.2014187	.0099388	.0504531	.0102467	.0041017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0504479**	**.1717424**	**.0020602**	F **.0143744**	**.0050211**	**.0085407**
Stddev	.0007891	.0041820	.0000652	.0140338	.0001096	.0003898
%RSD	1.564279	2.435036	3.165650	97.63082	2.182389	4.563598
#1	.0498899	.1687853	.0021063	.0242978	.0050986	.0088162
#2	.0510060	.1746995	.0020140	.0044510	.0049436	.0082650
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				30.00000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0119056**	**.1827483**	**.5357147**	**.0101422**	**.1182697**	**.0093319**
Stddev	.0002566	.0438097	.0103963	.0000140	.0111477	.0006097
%RSD	2.155385	23.97267	1.940647	.1379760	9.425687	6.533067
#1	.0117241	.2137265	.5430660	.0101521	.1261524	.0089008
#2	.0120870	.1517702	.5283634	.0101323	.1103871	.0097630
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: MRL Acquired: 11/23/2021 18:00:12 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101254	1.071160	.0106060	.0046189	.0199647	.0113264
Stddev	.0001748	.005303	.0004533	.0015152	.0006113	.0027679
%RSD	1.726339	.4951106	4.273982	32.80357	3.061641	24.43732
#1	.0102490	1.074910	.0102855	.0035475	.0203969	.0132835
#2	.0100018	1.067410	.0109265	.0056902	.0195325	.0093692
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1661743	.0386572	.0050184	.0048163	.0128798	.0051208
Stddev	.0012873	.0012820	.0000310	.0000348	.0019090	.0000125
%RSD	.7746371	3.316400	.6170174	.7228188	14.82197	.2437683
#1	.1652640	.0395637	.0050402	.0048410	.0142297	.0051120
#2	.1670845	.0377507	.0049965	.0047917	.0115299	.0051297
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.0200803
Stddev	.0005950
%RSD	2.962860
#1	.0205010
#2	.0196596
Check ?	Chk Pass
Value	
Range	

Sample Name: MRL Acquired: 11/23/2021 18:00:12 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1800.457	777.1107	5132.461	4660.819
Stddev	5.320	7.5693	24.880	8.049
%RSD	.2955046	.9740306	.4847672	.1726978
#1	1796.694	771.7584	5114.868	4666.510
#2	1804.219	782.4630	5150.054	4655.127

Sample Name: LRC Acquired: 11/23/2021 18:03:51 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012308	.0355314	-.002706	5.085575	4.904869	4.807447
Stddev	.0000753	.0021783	.003316	.008185	.124763	.002829
%RSD	6.119652	6.130738	122.5425	.1609512	2.543660	.0588413
#1	.0011775	.0339911	-.005050	5.079787	4.816648	4.805447
#2	.0012841	.0370718	-.000361	5.091363	4.993090	4.809447
Check ?	None	None	None	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.924307	.0069175	4.941008	.1368779	1.988526	1.850785
Stddev	.026707	.0013407	.023627	.0029382	.012741	.004874
%RSD	.5423571	19.38079	.4781744	2.146600	.6407112	.2633686
#1	4.905422	.0078655	4.924301	.1348003	1.979517	1.847338
#2	4.943192	.0059695	4.957714	.1389555	1.997535	1.854231
Check ?	Chk Pass	None	Chk Pass	None	Chk Pass	Chk Pass
Value						
Range						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.969058	.0683343	.0060346	5.019629	-.012051	4.818148
Stddev	.001071	.0122930	.0121834	.023201	.007706	.022072
%RSD	.0543894	17.98955	201.8900	.4622016	63.94349	.4580961
#1	1.968301	.0770268	.0146496	5.003224	-.006602	4.802541
#2	1.969815	.0596418	-.002580	5.036035	-.017500	4.833755
Check ?	Chk Pass	None	None	Chk Pass	None	Chk Pass
Value						
Range						

Sample Name: LRC Acquired: 11/23/2021 18:03:51 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.491271**	**.0180428**	**5.017507**	**5.052789**	**5.267774**	**5.077451**
Stddev	.004922	.0010976	.038337	.042055	.007425	.016137
%RSD	.3300645	6.083327	.7640565	.8323048	.1409460	.3178125
#1	1.487790	.0188190	4.990399	5.023052	5.262524	5.066040
#2	1.494751	.0172667	5.044615	5.082527	5.273024	5.088861
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **4.138665**	**5.033198**	**1.904648**	**1.898959**	**5.015982**	**4.818743**
Stddev	.003027	.045473	.028227	.000581	.016927	.008999
%RSD	.0731326	.9034669	1.481982	.0305748	.3374531	.1867423
#1	4.136525	5.001044	1.884689	1.898548	5.004013	4.812380
#2	4.140805	5.065353	1.924608	1.899369	5.027951	4.825106
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	5.000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**4.979178**
Stddev	.042520
%RSD	.8539580
#1	4.949112
#2	5.009244
Check ?	Chk Pass
Value	
Range	

Sample Name: LRC Acquired: 11/23/2021 18:03:51 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1734.576	766.9997	5022.133	4606.538
Stddev	.270	3.2086	20.215	.824
%RSD	.0155501	.4183348	.4025230	.0178816
#1	1734.386	764.7308	5036.428	4607.121
#2	1734.767	769.2685	5007.839	4605.956

Sample Name: mb 500-630430/1-a Acquired: 11/23/2021 18:07:27 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002077**	**.0304087**	**-.005333**	**.0091692**	**.0003890**	**.0002145**	**-.010306**
Stddev	.0005196	.0044064	.001000	.0012821	.0000072	.0002020	.002887
%RSD	250.1851	14.49067	18.76082	13.98316	1.862517	94.15425	28.01484
#1	-.000160	.0272929	-.004625	.0100759	.0003838	.0000717	-.008265
#2	.000575	.0335245	-.006040	.0082626	.0003941	.0003574	-.012348
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0593535**	**.0007152**	**.0088084**	**-.000966**	**.0055938**	**.0032371**	**.1176585**
Stddev	.0007514	.0000735	.0081662	.000200	.0000029	.0002491	.0567051
%RSD	1.265940	10.27917	92.70966	20.71423	.0514816	7.694530	48.19468
#1	.0598848	.0007672	.0145828	-.000824	.0055959	.0034133	.1577551
#2	.0588221	.0006632	.0030340	-.001107	.0055918	.0030610	.0775619
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0201988**	**.0001380**	**.0254922**	**.0008585**	**.0019414**	**.0521114**	**-.001151**
Stddev	.0015148	.0001236	.0025897	.0001500	.0000659	.0007799	.000876
%RSD	7.499424	89.54648	10.15865	17.47729	3.394709	1.496519	76.13660
#1	.0191277	.0000506	.0273234	.0009646	.0019880	.0515600	-.000531
#2	.0212699	.0002254	.0236610	.0007524	.0018947	.0526628	-.001771
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: mb 500-630430/1-a Acquired: 11/23/2021 18:07:27 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003287	.0028052	-.002184	.0165618	.0174639	.0002577	.0009122
Stddev	.002285	.0011719	.001282	.0004972	.0003523	.0000056	.0001969
%RSD	69.51033	41.77740	58.70306	3.002323	2.017049	2.155774	21.58796
#1	-.004903	.0036339	-.001277	.0162102	.0177130	.0002538	.0010515
#2	-.001672	.0019765	-.003091	.0169134	.0172148	.0002616	.0007730
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.003014	.0005857	.0054724
Stddev	.000983	.0001158	.0001177
%RSD	32.62760	19.77529	2.150617
#1	-.002319	.0005038	.0055556
#2	-.003709	.0006676	.0053892
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1762.944	754.4895	5067.344	4480.195
Stddev	14.422	4.9255	32.673	39.659
%RSD	.8180803	.6528262	.6447666	.8852140
#1	1773.142	757.9724	5044.241	4508.239
#2	1752.746	751.0067	5090.447	4452.152

Sample Name: Ics 500-630430/2-a Acquired: 11/23/2021 18:10:45 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0423275	1.847841	.0896798	.8349627	1.906309	.0454458	.4321592
Stddev	.0007380	.024685	.0024762	.0108262	.025906	.0002778	.0019799
%RSD	1.743478	1.335857	2.761110	1.296605	1.358953	.6112863	.4581496
#1	.0418056	1.830386	.0914307	.8273075	1.887991	.0452494	.4307592
#2	.0428493	1.865295	.0879289	.8426180	1.924627	.0456422	.4335592
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.593850	.0457458	.0611771	.4659346	.1817998	.2409082	1.035128
Stddev	.161374	.0004734	.0046493	.0014913	.0007900	.0009338	.042785
%RSD	1.877785	1.034939	7.599674	.3200602	.4345640	.3876080	4.133311
#1	8.479741	.0454111	.0644646	.4669891	.1823584	.2402480	1.065382
#2	8.707958	.0460806	.0578896	.4648801	.1812412	.2415685	1.004874
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.24970	.5051924	9.232399	.4486299	.9923755	10.48359	.4674487
Stddev	.01455	.0008393	.096850	.0094704	.0104634	.02996	.0013616
%RSD	.1419248	.1661320	1.049018	2.110952	1.054382	.2858101	.2912924
#1	10.23942	.5045990	9.163916	.4419333	.9849767	10.46241	.4684115
#2	10.25999	.5057859	9.300882	.4553264	.9997742	10.50478	.4664859
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: lcs 500-630430/2-a Acquired: 11/23/2021 18:10:45 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0875391	.4824423	.0798404	2.812861	.9493566	.9192900	.9326932
Stddev	.0003829	.0087419	.0016541	.030901	.0052626	.0100997	.0006973
%RSD	.4373667	1.812013	2.071760	1.098579	.5543341	1.098636	.0747647
#1	.0872684	.4762608	.0786708	2.791010	.9530778	.9121485	.9331863
#2	.0878099	.4886238	.0810100	2.834711	.9456353	.9264315	.9322001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0879791	.4586654	.4568925
Stddev	.0008757	.0006883	.0046845
%RSD	.9953936	.1500619	1.025293
#1	.0885983	.4581787	.4602050
#2	.0873598	.4591521	.4535801
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1684.286	743.4426	4972.036	4439.022
Stddev	12.433	12.4541	22.580	8.478
%RSD	.7381994	1.675193	.4541333	.1909778
#1	1693.077	752.2489	4988.002	4433.027
#2	1675.494	734.6362	4956.070	4445.016

Sample Name: 500-208455-f-1-g Acquired: 11/23/2021 18:13:59 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0040135**	**22.37531**	**.0471078**	**.0735113**	**.4218194**	**.0156142**
Stddev	.0001703	.17404	.0051255	.0003225	.0043340	.0002821
%RSD	4.242035	.7778412	10.88041	.4387361	1.027454	1.806364
#1	.0041339	22.25224	.0434835	.0737394	.4187548	.0158137
#2	.0038932	22.49838	.0507321	.0732833	.4248840	.0154148
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002598**	F **1751.027**	**.0311086**	**.2403575**	**.3476588**	**.0779402**
Stddev	.000927	1.460	.0000777	.0114547	.0007860	.0013255
%RSD	35.68272	.0834027	.2498933	4.765679	.2260709	1.700637
#1	-.003254	1749.995	.0310537	.2322578	.3482145	.0770030
#2	-.001943	1752.060	.0311636	.2484572	.3471030	.0788775
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.090564**	**229.2585**	**6.440146**	**.0431660**	**399.9572**	F **21.08210**
Stddev	.007289	1.9664	.049513	.0001709	4.0936	.23572
%RSD	.6683927	.8577291	.7688123	.3958355	1.023520	1.118102
#1	1.095718	227.8680	6.405135	.0430452	397.0625	20.91542
#2	1.085410	230.6490	6.475157	.0432868	402.8518	21.24878
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						20.00000
Low Limit						-.010000

Sample Name: 500-208455-f-1-g Acquired: 11/23/2021 18:13:59 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0485048	1.837070	.2710523	6.052813	.0140074	.0023188
Stddev	.0012567	.017306	.0004233	.008636	.0029237	.0030929
%RSD	2.590963	.9420265	.1561782	.1426782	20.87232	133.3804
#1	.0476162	1.824833	.2707530	6.046706	.0160748	.0001319
#2	.0493935	1.849307	.2713516	6.058919	.0119401	.0045059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.289337	.0389860	1.460500	.3917043	.0077685	.0620588
Stddev	.045941	.0029983	.010357	.0028667	.0040014	.0011898
%RSD	1.396656	7.690570	.7091085	.7318394	51.50750	1.917186
#1	3.256852	.0411061	1.467823	.3896772	.0105979	.0612176
#2	3.321822	.0368659	1.453176	.3937313	.0049391	.0629002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	2.626915
Stddev	.005782
%RSD	.2201073
#1	2.631003
#2	2.622826
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208455-f-1-g Acquired: 11/23/2021 18:13:59 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1141.794	646.3149	4328.911	4066.082
Stddev	5.799	5.7761	46.080	5.183
%RSD	.5078775	.8936914	1.064464	.1274649
#1	1145.894	650.3992	4296.328	4069.746
#2	1137.693	642.2306	4361.494	4062.417

Sample Name: 500-208455-f-1-gSD@5 Acquired: 11/23/2021 18:17:18 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008360	4.426449	.0114856	.0202891	.0922797	.0034780	.0007325
Stddev	.0004808	.034506	.0061145	.0002867	.0001523	.0001857	.0001001
%RSD	57.51190	.7795463	53.23620	1.412828	.1650646	5.339469	13.65857
#1	.0011760	4.402049	.0071620	.0204918	.0921720	.0033467	.0008032
#2	.0004960	4.450848	.0158092	.0200864	.0923874	.0036093	.0006617
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	417.1748	.0063980	.0731838	.0729866	.0168502	.2187298	51.29113
Stddev	6.6405	.0000916	.0063706	.0008144	.0002276	.0010430	.93822
%RSD	1.591776	1.430997	8.704906	1.115831	1.350600	.4768543	1.829211
#1	412.4793	.0063333	.0686792	.0735625	.0166893	.2194673	50.62771
#2	421.8703	.0064628	.0776885	.0724107	.0170112	.2179923	51.95455
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.358711	.0088152	92.72603	4.771582	.0109943	.3899273	.0584035
Stddev	.007454	.0000277	.28474	.062985	.0001233	.0017992	.0015139
%RSD	.5486360	.3145214	.3070801	1.320004	1.121766	.4614057	2.592065
#1	1.353440	.0087956	92.52468	4.727045	.0110815	.3886551	.0594740
#2	1.363982	.0088348	92.92737	4.816120	.0109071	.3911995	.0573331
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208455-f-1-gSD@5 Acquired: 11/23/2021 18:17:18 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.377800	.0023547	.0052515	.7186605	.0076483	.3361849	.0938019
Stddev	.015552	.0003806	.0024521	.0122674	.0026042	.0003440	.0011419
%RSD	1.128726	16.16375	46.69431	1.706977	34.04911	.1023200	1.217325
#1	1.388796	.0020855	.0069854	.7273348	.0058069	.3364281	.0946094
#2	1.366803	.0026238	.0035175	.7099861	.0094897	.3359417	.0929945
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0042397	.0139437	.5760286
Stddev	.0020122	.0000840	.0073261
%RSD	47.46126	.6026161	1.271829
#1	.0028169	.0140031	.5812090
#2	.0056626	.0138843	.5708483
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1468.984	713.6921	4652.533	4314.926
Stddev	12.358	9.1976	7.409	18.437
%RSD	.8412888	1.288730	.1592518	.4272815
#1	1460.245	707.1884	4647.294	4301.889
#2	1477.723	720.1957	4657.772	4327.963

Sample Name: 500-208455-f-1-h du Acquired: 11/23/2021 18:20:28 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006949**	**36.70470**	**.0414333**	**.0912692**	**.4606674**	**.0055548**
Stddev	.0000477	.16919	.0031603	.0001155	.0006497	.0000645
%RSD	6.866375	.4609578	7.627424	.1265662	.1410432	1.161075
#1	.0007286	36.58506	.0436680	.0913509	.4602080	.0056004
#2	.0006611	36.82434	.0391986	.0911876	.4611269	.0055092
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.011409**	F **2020.294**	**.0183134**	**.2041953**	**.0628022**	**.1029698**
Stddev	.004793	90.111	.0000589	.0101679	.0007821	.0020476
%RSD	42.01018	4.460271	.3213940	4.979488	1.245324	1.988502
#1	-.008020	1956.576	.0182717	.2113851	.0633552	.1044176
#2	-.014798	2084.012	.0183550	.1970055	.0622491	.1015220
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3902590**	**75.33965**	**8.319134**	**.0813671**	**259.0327**	**4.331740**
Stddev	.0003793	.71915	.014030	.0002291	1.1656	.011582
%RSD	.0972030	.9545422	.1686528	.2816045	.4499631	.2673795
#1	.3899908	74.83113	8.329055	.0812051	258.2085	4.323551
#2	.3905273	75.84816	8.309213	.0815292	259.8568	4.339930
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208455-f-1-h du Acquired: 11/23/2021 18:20:28 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0783579**	**2.870962**	**.1440978**	**3.055563**	**.0075909**	**.0041553**
Stddev	.0013189	.001835	.0001809	.001487	.0009189	.0001208
%RSD	1.683192	.0639202	.1255553	.0486500	12.10529	2.907100
#1	.0774253	2.869664	.1442257	3.054512	.0082406	.0042408
#2	.0792906	2.872260	.1439699	3.056614	.0069411	.0040699
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.572167**	**.0614071**	F **2.434457**	**.5792745**	**.0038438**	**.0838808**
Stddev	.017182	.0009227	.029928	.0033944	.0029960	.0007448
%RSD	.3757970	1.502520	1.229358	.5859690	77.94458	.8879498
#1	4.560018	.0620595	2.455620	.5816747	.0059623	.0833542
#2	4.584317	.0607547	2.413295	.5768743	.0017253	.0844075
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			2.000000			
Low Limit			-.005000			

Elem	Zn2062
Units	ppm
Avg	**1.567346**
Stddev	.000600
%RSD	.0382822
#1	1.566922
#2	1.567770
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208455-f-1-h du Acquired: 11/23/2021 18:20:28 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1124.864	644.3743	4291.205	4148.736
Stddev	10.323	4.4542	8.136	12.652
%RSD	.9177165	.6912389	.1895943	.3049619
#1	1132.164	647.5238	4285.452	4139.790
#2	1117.565	641.2247	4296.958	4157.683

Sample Name: 500-208455-f-1-i ms Acquired: 11/23/2021 18:23:48 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0533382	58.97273	.1355277	.9159498	2.286943	.0576441
Stddev	.0005644	.47948	.0063644	.0147472	.010303	.0000483
%RSD	1.058153	.8130577	4.696048	1.610041	.4505193	.0837590
#1	.0529391	58.63368	.1310273	.9055220	2.279658	.0576782
#2	.0537373	59.31177	.1400280	.9263777	2.294228	.0576100
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5870992	F 2010.826	.0757884	.2738297	.5726864	.2647042
Stddev	.0112768	88.409	.0011642	.0046427	.0018422	.0039150
%RSD	1.920768	4.396668	1.536083	1.695475	.3216861	1.479029
#1	.5791253	1948.311	.0749652	.2771126	.5713837	.2674726
#2	.5950731	2073.341	.0766116	.2705468	.5739890	.2619359
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6838243	86.59586	23.30137	.5691301	226.2800	7.045902
Stddev	.0031319	.63898	.03146	.0013081	1.4969	.036489
%RSD	.4579985	.7378924	.1350202	.2298389	.6615268	.5178745
#1	.6816097	86.14403	23.27913	.5682051	225.2215	7.020101
#2	.6860389	87.04769	23.32362	.5700550	227.3384	7.071704
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208455-f-1-i ms Acquired: 11/23/2021 18:23:48 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9130304	12.40501	.6231165	3.736771	.3536821	.0872813
Stddev	.0102561	.03440	.0010755	.012599	.0053119	.0059932
%RSD	1.123299	.2772888	.1726008	.3371544	1.501896	6.866585
#1	.9057783	12.38069	.6223560	3.727863	.3499260	.0830434
#2	.9202826	12.42934	.6238770	3.745680	.3574382	.0915192
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.090078	1.134448	F 3.060749	1.587500	.0840265	.5223629
Stddev	.107111	.000158	.004821	.002306	.0015489	.0050399
%RSD	1.510714	.0138996	.1575062	.1452642	1.843385	.9648311
#1	7.014339	1.134559	3.057340	1.589131	.0829312	.5259267
#2	7.165817	1.134336	3.064158	1.585870	.0851217	.5187992
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			2.000000			
Low Limit			-.005000			

Elem	Zn2062
Units	ppm
Avg	2.422507
Stddev	.015152
%RSD	.6254551
#1	2.433221
#2	2.411793
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208455-f-1-i ms Acquired: 11/23/2021 18:23:48 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1128.530	648.3992	4291.590	4140.790
Stddev	15.757	14.8983	24.518	15.680
%RSD	1.396273	2.297709	.5712975	.3786622
#1	1139.672	658.9339	4308.926	4129.702
#2	1117.388	637.8645	4274.253	4151.877

Sample Name: 500-208455-f-1-j msd Acquired: 11/23/2021 18:27:05 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0524235**	**101.9784**	**.1369411**	**1.006228**	**2.763907**	**.0640871**
Stddev	.0003011	2.1519	.0057281	.000837	.039840	.0006667
%RSD	.5744459	2.110150	4.182902	.0831781	1.441445	1.040359
#1	.0526364	100.4568	.1328907	1.005637	2.735736	.0636156
#2	.0522105	103.5000	.1409915	1.006820	2.792078	.0645585
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6027469**	F **1969.215**	**.0725312**	**.3671699**	**.6132359**	**.2530337**
Stddev	.0009468	108.804	.0001008	.0016118	.0007573	.0021734
%RSD	.1570787	5.525235	.1389638	.4389854	.1234856	.8589355
#1	.6020775	1892.279	.0724599	.3660302	.6127004	.2545705
#2	.6034164	2046.151	.0726025	.3683096	.6137713	.2514968
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7594696**	**113.6864**	**23.07757**	**.5884930**	**316.3604**	**14.63992**
Stddev	.0013834	.9652	.43500	.0147290	3.3378	.07117
%RSD	.1821557	.8490259	1.884965	2.502836	1.055049	.4861239
#1	.7584914	113.0039	22.76997	.5780780	314.0003	14.58960
#2	.7604478	114.3689	23.38516	.5989080	318.7206	14.69024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208455-f-1-j msd Acquired: 11/23/2021 18:27:05 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8669307**	**14.10379**	**.6519291**	**5.362988**	**.2770827**	**.0878856**
Stddev	.0036151	.31759	.0007525	.013908	.0003195	.0035130
%RSD	.4169995	2.251781	.1154269	.2593357	.1153124	3.997249
#1	.8643745	13.87922	.6513970	5.353154	.2768568	.0903697
#2	.8694870	14.32835	.6524612	5.372823	.2773086	.0854016
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.429220**	**1.062583**	F **2.848283**	**1.669892**	**.0912068**	**.4959936**
Stddev	.002607	.002186	.006598	.003241	.0019875	.0007290
%RSD	.0760252	.2057579	.2316476	.1940930	2.179110	.1469668
#1	3.427376	1.064129	2.843618	1.667600	.0926121	.4954781
#2	3.431063	1.061037	2.852949	1.672183	.0898014	.4965090
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			2.000000			
Low Limit			-.005000			

Elem	Zn2062
Units	ppm
Avg	**2.594180**
Stddev	.007128
%RSD	.2747826
#1	2.589140
#2	2.599221
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208455-f-1-j msd Acquired: 11/23/2021 18:27:05 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1117.224	689.8756	4569.838	4274.523
Stddev	.918	.5528	4.964	28.960
%RSD	.0821398	.0801237	.1086224	.6775024
#1	1116.575	689.4848	4573.348	4295.001
#2	1117.873	690.2665	4566.328	4254.045

Sample Name: 500-208455-f-2-c Acquired: 11/23/2021 18:30:40 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025163	81.12577	.0554511	.0837124	1.481983	.0072594	-.008074
Stddev	.0012503	1.03124	.0008235	.0005353	.015394	.0000617	.000984
%RSD	49.68592	1.271163	1.485160	.6394949	1.038758	.8500642	12.18750
#1	.0016323	80.39657	.0548687	.0840910	1.471097	.0072157	-.007378
#2	.0034004	81.85497	.0560334	.0833339	1.492868	.0073030	-.008770
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	504.8291	.0060786	.4887669	.0660256	.1686799	.3748266	141.5894
Stddev	20.0420	.0002077	.0189843	.0000912	.0004812	.0008568	1.0319
%RSD	3.970057	3.416412	3.884114	.1380775	.2852747	.2285852	.7288247
#1	490.6572	.0059317	.4753430	.0659612	.1683397	.3742208	140.8597
#2	519.0009	.0062254	.5021908	.0660901	.1690202	.3754324	142.3191
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.43161	.0826908	45.64628	3.865012	.0254325	1.248737	.1831074
Stddev	.16833	.0009250	.33269	.027207	.0002576	.011415	.0000635
%RSD	1.166399	1.118571	.7288364	.7039432	1.012859	.9141388	.0346783
#1	14.31258	.0820367	45.41104	3.845773	.0252503	1.240665	.1831523
#2	14.55064	.0833448	45.88153	3.884250	.0256146	1.256809	.1830625
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208455-f-2-c Acquired: 11/23/2021 18:30:40 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.202762	.0083240	.0023715	2.191612	.0610388	.7323418	1.529122
Stddev	.005164	.0015345	.0000901	.008907	.0032926	.0146482	.002200
%RSD	.4293443	18.43436	3.797731	.4064076	5.394257	2.000190	.1438524
#1	1.199110	.0094091	.0023079	2.197910	.0633670	.7219839	1.527567
#2	1.206413	.0072390	.0024352	2.185314	.0587106	.7426996	1.530678
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0018316	.2051544	1.561614
Stddev	.0002734	.0016526	.007465
%RSD	14.92835	.8055409	.4780060
#1	.0020249	.2039858	1.556336
#2	.0016382	.2063229	1.566892
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1377.754	751.6884	5048.048	4594.403
Stddev	3.924	.4756	15.255	3.960
%RSD	.2848306	.0632742	.3021953	.0861876
#1	1380.529	751.3521	5058.835	4597.203
#2	1374.979	752.0247	5037.261	4591.603

Sample Name: 500-208455-f-3-c Acquired: 11/23/2021 18:34:01 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0027370**	**30.26442**	**.0186413**	**.0215919**	**1.134296**	**.0025876**	**-.011602**
Stddev	.0000721	.43547	.0012506	.0000235	.011832	.0002173	.000261
%RSD	2.633122	1.438882	6.708802	.1089746	1.043075	8.399228	2.253402
#1	.0027879	29.95650	.0195256	.0215753	1.125930	.0027413	-.011417
#2	.0026860	30.57235	.0177570	.0216085	1.142662	.0024339	-.011787
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**82.34736**	**.0010520**	**.4712464**	**.0266683**	**.0572095**	**.0234363**	**57.51940**
Stddev	1.50341	.0000286	.0040382	.0001534	.0004937	.0000035	.71069
%RSD	1.825696	2.720754	.8569154	.5752557	.8630385	.0149372	1.235567
#1	81.28429	.0010317	.4683909	.0267768	.0568603	.0234338	57.01686
#2	83.41044	.0010722	.4741018	.0265598	.0575586	.0234388	58.02193
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.262370**	**.0377324**	**34.57613**	**.9342805**	**.0025278**	**.9475142**	**.0692134**
Stddev	.019747	.0003570	.43468	.0141671	.0011522	.0020370	.0009625
%RSD	.2719017	.9461317	1.257156	1.516367	45.58098	.2149866	1.390588
#1	7.248407	.0374799	34.26877	.9242628	.0017131	.9460738	.0685328
#2	7.276333	.0379848	34.88349	.9442982	.0033425	.9489546	.0698940
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208455-f-3-c Acquired: 11/23/2021 18:34:01 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0360604	.0044049	-.000303	1.846773	.0203821	.1813776	1.451202
Stddev	.0001893	.0010093	.003227	.008621	.0019552	.0000876	.003449
%RSD	.5249735	22.91389	1064.731	.4668291	9.592533	.0482995	.2376402
#1	.0359265	.0036911	-.002585	1.852870	.0189996	.1813156	1.453640
#2	.0361943	.0051186	.001979	1.840677	.0217646	.1814395	1.448763
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0003068	.1033808	.1806133
Stddev	.0000703	.0008046	.0021337
%RSD	22.90999	.7782859	1.181373
#1	.0002571	.1039497	.1821220
#2	.0003565	.1028118	.1791045
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1577.179	778.0363	5175.278	4653.810
Stddev	3.357	3.4236	31.270	4.178
%RSD	.2128176	.4400365	.6042105	.0897700
#1	1579.552	780.4572	5197.389	4650.856
#2	1574.805	775.6155	5153.167	4656.764

Sample Name: 500-208455-f-5-c Acquired: 11/23/2021 18:37:12 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0030964**	**111.0322**	**.0625396**	**.0742522**	**2.131997**	**.0083927**	**-.001184**
Stddev	.0008719	.5060	.0008732	.0007313	.000035	.0001279	.000065
%RSD	28.15888	.4557290	1.396271	.9848964	.0016315	1.524378	5.450788
#1	.0024799	110.6744	.0631571	.0737351	2.131973	.0083023	-.001230
#2	.0037130	111.3900	.0619221	.0747693	2.132022	.0084832	-.001138
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**26.61365**	**.0078833**	**.6350221**	**.0910276**	**.1469227**	**.3621015**	**164.4764**
Stddev	.20749	.0000147	.0105103	.0000198	.0004199	.0014118	1.7572
%RSD	.7796528	.1861496	1.655106	.0217252	.2858074	.3898912	1.068375
#1	26.46693	.0078730	.6275902	.0910136	.1466258	.3630998	163.2338
#2	26.76037	.0078937	.6424540	.0910416	.1472197	.3611032	165.7189
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**33.47299**	**.1059112**	**36.49077**	**11.21649**	**.0247728**	**.7727290**	**.1990856**
Stddev	.02682	.0000037	.04304	.06258	.0003036	.0012868	.0013900
%RSD	.0801361	.0035303	.1179431	.5579403	1.225477	.1665301	.6981857
#1	33.45403	.1059139	36.46034	11.17224	.0245581	.7736389	.2000685
#2	33.49196	.1059086	36.52121	11.26074	.0249874	.7718191	.1981027
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208455-f-5-c Acquired: 11/23/2021 18:37:12 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3719062	.0094293	.0051324	1.992271	.0330464	.2074064	1.429801
Stddev	.0011209	.0014439	.0017050	.004510	.0018242	.0001013	.003985
%RSD	.3013907	15.31317	33.21920	.2263863	5.520255	.0488385	.2787070
#1	.3711136	.0084083	.0063380	1.995460	.0343364	.2074780	1.426983
#2	.3726988	.0104503	.0039268	1.989082	.0317565	.2073348	1.432619
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0081684	.2589535	2.307637
Stddev	.0017702	.0011055	.000031
%RSD	21.67192	.4269186	.0013639
#1	.0094201	.2597352	2.307659
#2	.0069166	.2581718	2.307615
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1552.031	838.9901	5573.333	4963.419
Stddev	1.793	1.5404	15.607	55.560
%RSD	.1154952	.1836047	.2800356	1.119393
#1	1553.298	840.0794	5562.297	4924.132
#2	1550.763	837.9009	5584.369	5002.706

Sample Name: CCV Acquired: 11/23/2021 18:40:21 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4738415**	**48.46952**	**.5023364**	**.5064410**	**.4897787**	**.5006255**
Stddev	.0003585	.46836	.0047428	.0062825	.0042340	.0028437
%RSD	.0756512	.9662975	.9441407	1.240519	.8644665	.5680239
#1	.4740950	48.13834	.4989828	.5019986	.4867848	.4986147
#2	.4735880	48.80070	.5056901	.5108834	.4927725	.5026362
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5067611**	**24.05860**	**.5072635**	F **.1043301**	**.5148344**	**.4633965**
Stddev	.0062132	.00928	.0033489	.0034190	.0021953	.0040404
%RSD	1.226068	.0385734	.6601789	3.277093	.4264145	.8719109
#1	.5023677	24.05204	.5048955	.1019125	.5132820	.4662535
#2	.5111545	24.06516	.5096315	.1067477	.5163867	.4605395
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4937950**	**24.75230**	**49.90305**	**3.836477**	**24.58440**	**4.837575**
Stddev	.0041779	.22898	.75146	.068463	.11748	.005696
%RSD	.8460724	.9250873	1.505833	1.784519	.4778771	.1177386
#1	.4908408	24.59038	49.37169	3.788066	24.50133	4.833547
#2	.4967492	24.91421	50.43441	3.884887	24.66748	4.841602
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/23/2021 18:40:21 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4900988**	**25.24514**	**.5096944**	**.5145152**	**.4863138**	**.4991693**
Stddev	.0050277	.42326	.0025908	.0049953	.0042242	.0000452
%RSD	1.025852	1.676599	.5082958	.9708718	.8686151	.0090545
#1	.4865437	24.94584	.5078624	.5109830	.4833268	.4992012
#2	.4936539	25.54442	.5115263	.5180474	.4893007	.4991373
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.3845323**	**.5181114**	**.4797359**	**.4785113**	**.5103723**	**4.727375**
Stddev	.0038197	.0036400	.0013557	.0005992	.0047106	.009296
%RSD	.9933483	.7025477	.2825967	.1252160	.9229633	.1966354
#1	.3818313	.5155375	.4787772	.4789349	.5070415	4.733948
#2	.3872332	.5206852	.4806945	.4780876	.5137032	4.720802
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**.5136525**
Stddev	.0010333
%RSD	.2011591
#1	.5129218
#2	.5143831
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/23/2021 18:40:21 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1649.465	774.9565	4993.469	4584.583
Stddev	26.192	14.5109	48.160	6.121
%RSD	1.587880	1.872473	.9644521	.1335186
#1	1667.985	785.2172	5027.523	4580.255
#2	1630.944	764.6957	4959.415	4588.912

Sample Name: CCB Acquired: 11/23/2021 18:43:27 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000341	.0098656	.0019300	.0017947	-.000054	-.000046
Stddev	.0000410	.0074632	.0002053	.0001156	.000016	.000086
%RSD	120.3689	75.64845	10.63709	6.438442	29.73796	188.7379
#1	.0000631	.0151429	.0017848	.0017130	-.000042	.000015
#2	.0000051	.0045883	.0020752	.0018764	-.000065	-.000107
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010839	.0021151	.0000301	F .0081660	-.000293	-.001080
Stddev	.0013506	.0028432	.0001621	.0074338	.000108	.000384
%RSD	124.6110	134.4265	538.4075	91.03320	36.74482	35.52003
#1	.0020389	.0041256	.0001447	.0029095	-.000217	-.000809
#2	.0001288	.0001046	-.000084	.0134224	-.000369	-.001352
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012686	-.013708	-.000736	.0001025	.0280339	.0000264
Stddev	.0003031	.021997	.001650	.0000417	.0098747	.0000689
%RSD	23.89148	160.4686	224.1945	40.64951	35.22393	261.5920
#1	.0010543	.001846	-.001903	.0000731	.0210515	-.000022
#2	.0014829	-.029262	.000431	.0001320	.0350164	.000075
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/23/2021 18:43:27 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001729	.0065333	.0004534	-.001393	-.001437	.0005934
Stddev	.0001941	.0019566	.0007483	.002350	.001385	.0030897
%RSD	112.2561	29.94732	165.0285	168.7460	96.42370	520.6719
#1	.0000356	.0079168	-.000076	.000269	-.002416	-.001591
#2	.0003101	.0051498	.000983	-.003054	-.000457	.002778
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023575	-.000958	.0000213	.0001854	.0030582	.0003774
Stddev	.0002747	.000369	.0000039	.0001029	.0037657	.0006227
%RSD	11.65427	38.54500	18.12627	55.48377	123.1345	164.9617
#1	.0025518	-.000697	.0000240	.0001127	.0003954	-.000063
#2	.0021632	-.001219	.0000185	.0002582	.0057210	.000818
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	-.000117
Stddev	.000935
%RSD	797.2177
#1	-.000778
#2	.000544
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/23/2021 18:43:27 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1826.567	791.7011	5200.945	4660.766
Stddev	10.145	8.9597	17.570	3.719
%RSD	.5553878	1.131709	.3378276	.0797983
#1	1833.740	798.0366	5213.369	4663.396
#2	1819.393	785.3656	5188.521	4658.137

Sample Name: 500-208455-f-6-c Acquired: 11/23/2021 18:46:45 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0031625**	**62.62228**	**.0509531**	**.0440913**	**2.000294**	**.0048580**	**-.008086**
Stddev	.0000450	.65251	.0001059	.0000197	.020940	.0002534	.000795
%RSD	1.421273	1.041984	.2078699	.0445696	1.046833	5.216413	9.828521
#1	.0031942	62.16088	.0508782	.0441052	1.985487	.0050372	-.008648
#2	.0031307	63.08368	.0510280	.0440774	2.015100	.0046788	-.007524
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**63.67224**	**.0058433**	**.4798791**	**.0416614**	**.0945132**	**.3434009**	**119.3407**
Stddev	.87193	.0000198	.0074100	.0002335	.0007763	.0022573	1.5600
%RSD	1.369399	.3389596	1.544142	.5603978	.8213694	.6573493	1.307187
#1	63.05570	.0058293	.4746394	.0414963	.0950621	.3449971	118.2376
#2	64.28879	.0058573	.4851188	.0418265	.0939642	.3418047	120.4438
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**20.25845**	**.0686015**	**34.05935**	**3.154785**	**.0145954**	**.8840242**	**.1281196**
Stddev	.09731	.0001197	.23180	.041315	.0001029	.0053709	.0003894
%RSD	.4803238	.1744248	.6805889	1.309607	.7052504	.6075506	.3039254
#1	20.32725	.0686862	33.89544	3.125571	.0145227	.8878220	.1283950
#2	20.18964	.0685169	34.22326	3.183999	.0146682	.8802264	.1278443
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208455-f-6-c Acquired: 11/23/2021 18:46:45 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9200019	.0069084	-.002729	1.874118	.0711452	.2044295	1.552699
Stddev	.0036568	.0030677	.005360	.006380	.0012888	.0006340	.005257
%RSD	.3974736	44.40560	196.4500	.3404506	1.811541	.3101262	.3385915
#1	.9174161	.0090775	.001062	1.869606	.0720566	.2048778	1.556416
#2	.9225876	.0047392	-.006519	1.878629	.0702339	.2039812	1.548981
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0043690	.1708309	4.828239
Stddev	.0022117	.0004036	.006732
%RSD	50.62365	.2362606	.1394328
#1	.0028050	.1711163	4.823479
#2	.0059329	.1705455	4.832999
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1546.995	781.4081	5243.932	4709.758
Stddev	7.609	3.9938	32.882	19.807
%RSD	.4918687	.5110995	.6270473	.4205453
#1	1552.375	784.2321	5220.681	4695.753
#2	1541.614	778.5841	5267.183	4723.764

Sample Name: 500-208455-f-7-c Acquired: 11/23/2021 18:49:56 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024870	25.66515	.0184283	.0168769	1.100801	.0022052	-.010866
Stddev	.0000389	.62606	.0056418	.0001649	.026092	.0000482	.001775
%RSD	1.562914	2.439344	30.61468	.9768025	2.370274	2.187416	16.33513
#1	.0025145	25.22246	.0224176	.0169934	1.082351	.0022393	-.012121
#2	.0024595	26.10784	.0144390	.0167603	1.119251	.0021711	-.009611
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	76.28969	.0006256	.4774922	.0162020	.0539676	.0218476	50.96700
Stddev	.92249	.0000159	.0072123	.0007490	.0013235	.0003398	.82612
%RSD	1.209195	2.535970	1.510445	4.622702	2.452408	1.555238	1.620883
#1	75.63739	.0006368	.4723924	.0156724	.0549034	.0216073	50.38285
#2	76.94199	.0006144	.4825921	.0167316	.0530317	.0220878	51.55115
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.132773	.0332832	37.32633	.7356168	.0025375	.8385465	.0516652
Stddev	.158673	.0009361	.97315	.0116680	.0002090	.0209689	.0012868
%RSD	2.224568	2.812602	2.607144	1.586153	8.236936	2.500623	2.490626
#1	7.020574	.0326213	36.63821	.7273663	.0026853	.8237192	.0507553
#2	7.244972	.0339451	38.01446	.7438673	.0023897	.8533737	.0525751
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208455-f-7-c Acquired: 11/23/2021 18:49:56 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0322632	.0009625	.0018980	1.313305	.0187950	.1452737	1.420090
Stddev	.0014062	.0024681	.0006490	.003308	.0012453	.0002464	.007705
%RSD	4.358481	256.4366	34.19395	.2518609	6.625859	.1696103	.5425850
#1	.0312689	.0027076	.0023569	1.310967	.0179144	.1454479	1.414642
#2	.0332575	-.000783	.0014391	1.315644	.0196756	.1450994	1.425539
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0001593	.1071296	.1692983
Stddev	.0013389	.0001203	.0007985
%RSD	840.5913	.1122781	.4716246
#1	-.000787	.1072146	.1687337
#2	.001106	.1070445	.1698628
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1597.838	788.1986	5213.608	4675.574
Stddev	2.564	1.3712	49.183	45.528
%RSD	.1604547	.1739627	.9433519	.9737480
#1	1599.651	787.2290	5178.830	4707.767
#2	1596.025	789.1681	5248.385	4643.380

Sample Name: 500-208455-f-8-c Acquired: 11/23/2021 18:53:07 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001883**	**45.19973**	**.0148792**	**.1483507**	**1.840201**	**.0046372**
Stddev	.0004665	.96137	.0006498	.0005359	.031197	.0000829
%RSD	247.7029	2.126927	4.367306	.3612175	1.695306	1.788259
#1	.0005182	44.51994	.0144197	.1487296	1.818141	.0046958
#2	-.000142	45.87952	.0153386	.1479718	1.862260	.0045785
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0033547**	**362.8490**	**.0035765**	**.2251606**	**.0141412**	**1.393920**
Stddev	.0017917	3.6596	.0002057	.0092146	.0006891	.009234
%RSD	53.40837	1.008566	5.752235	4.092450	4.872713	.6624797
#1	.0020878	360.2613	.0037220	.2186449	.0136540	1.400449
#2	.0046216	365.4367	.0034310	.2316763	.0146284	1.387390
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1716816**	**181.4306**	**7.421013**	**.0671353**	**47.62249**	F **43.26667**
Stddev	.0025133	2.1016	.160786	.0014573	.88769	.51083
%RSD	1.463924	1.158340	2.166631	2.170611	1.864019	1.180645
#1	.1699045	179.9446	7.307321	.0661049	46.99480	42.90547
#2	.1734588	182.9166	7.534706	.0681657	48.25019	43.62788
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						20.00000
Low Limit						-.010000

Sample Name: 500-208455-f-8-c Acquired: 11/23/2021 18:53:07 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0304833**	**1.106031**	**.0841444**	**.4768363**	**.0122702**	**.0088775**
Stddev	.0007858	.027588	.0019837	.0044580	.0033722	.0005123
%RSD	2.577796	2.494365	2.357542	.9349091	27.48280	5.770174
#1	.0299277	1.086524	.0855471	.4736840	.0146546	.0085153
#2	.0310389	1.125539	.0827417	.4799886	.0098857	.0092397
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.578531**	**.0356373**	F **2.455101**	**1.788039**	**.0034193**	**.3652198**
Stddev	.006048	.0019161	.010471	.001949	.0002504	.0011110
%RSD	.1690117	5.376538	.4264796	.1089865	7.322785	.3042046
#1	3.574254	.0369922	2.462505	1.786661	.0032422	.3644342
#2	3.582807	.0342825	2.447697	1.789417	.0035963	.3660054
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			2.000000			
Low Limit			-.005000			

Elem	Zn2062
Units	ppm
Avg	**.4577846**
Stddev	.0053462
%RSD	1.167838
#1	.4540042
#2	.4615649
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208455-f-8-c Acquired: 11/23/2021 18:53:07 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1397.277	690.3180	4713.335	4305.021
Stddev	2.317	2.8966	49.759	35.612
%RSD	.1658528	.4196037	1.055709	.8272138
#1	1398.915	688.2698	4748.520	4330.203
#2	1395.638	692.3662	4678.150	4279.840

Sample Name: 500-208455-f-9-c Acquired: 11/23/2021 18:56:22 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150104	98.77595	.0940079	.1902301	F 12.24110	.0107607
Stddev	.0000305	1.69108	.0041738	.0016599	.26302	.0000144
%RSD	.2029303	1.712039	4.439782	.8725790	2.148703	.1339192
#1	.0150320	97.58018	.0910566	.1890564	12.05511	.0107709
#2	.0149889	99.97173	.0969592	.1914038	12.42708	.0107505
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					7.500000	
Low Limit					-.010000	

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000831	531.0961	.1127380	.3602388	.0830816	.9902433
Stddev	.001474	5.5527	.0000713	.0126305	.0006984	.0023911
%RSD	177.3580	1.045520	.0632596	3.506156	.8406000	.2414666
#1	-.001873	527.1698	.1126876	.3513077	.0825878	.9919341
#2	.000211	535.0225	.1127884	.3691700	.0835755	.9885525
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.994059	270.6541	11.77398	.0666419	97.35874	6.514444
Stddev	.006201	3.4525	.23651	.0014729	1.20451	.070244
%RSD	.2071127	1.275617	2.008730	2.210131	1.237183	1.078288
#1	2.998444	268.2128	11.60674	.0656004	96.50702	6.464773
#2	2.989674	273.0954	11.94122	.0676834	98.21045	6.564114
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	2.000000					
Low Limit	-.010000					

Sample Name: 500-208455-f-9-c Acquired: 11/23/2021 18:56:22 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2679475	1.438462	.3905897	13.54194	.0230915	.0081455
Stddev	.0018284	.030301	.0007383	.04650	.0022511	.0062681
%RSD	.6823868	2.106452	.1890184	.3433753	9.748755	76.95205
#1	.2666546	1.417036	.3900677	13.50906	.0246833	.0037133
#2	.2692405	1.459888	.3911118	13.57482	.0214997	.0125778
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.321905	.1009996	.7684973	1.503440	.0092502	.2514732
Stddev	.017599	.0005664	.0099399	.007839	.0019761	.0012256
%RSD	.7579351	.5607507	1.293418	.5213951	21.36284	.4873674
#1	2.309461	.1005991	.7755259	1.508983	.0106475	.2523398
#2	2.334349	.1014001	.7614688	1.497897	.0078529	.2506066
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	6.052485
Stddev	.007707
%RSD	.1273339
#1	6.047036
#2	6.057935
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208455-f-9-c Acquired: 11/23/2021 18:56:22 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1320.914	685.4140	4702.232	4269.596
Stddev	6.217	3.2647	10.202	21.217
%RSD	.4706426	.4763133	.2169565	.4969276
#1	1325.310	687.7225	4695.018	4284.598
#2	1316.518	683.1055	4709.446	4254.593

Sample Name: 500-208455-f-10-c Acquired: 11/23/2021 18:59:40 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043671	113.5288	.0520910	.0682666	1.757942	.0086790	-.004729
Stddev	.0002168	.0200	.0056019	.0003660	.001803	.0001688	.000192
%RSD	4.963987	.0176163	10.75405	.5361023	.1025562	1.944606	4.061399
#1	.0042138	113.5429	.0560522	.0680079	1.756667	.0087983	-.004864
#2	.0045204	113.5146	.0481299	.0685254	1.759217	.0085596	-.004593
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.83555	.0048900	.6817773	.0804728	.1666695	.1846219	160.8626
Stddev	.71790	.0003248	.0114235	.0007244	.0000171	.0016792	1.8242
%RSD	1.758036	6.641712	1.675552	.9001510	.0102437	.9095239	1.133990
#1	40.32792	.0051197	.6736996	.0799606	.1666574	.1858092	159.5727
#2	41.34318	.0046604	.6898549	.0809851	.1666815	.1834345	162.1525
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.22716	.1148126	38.08552	3.671123	.0078041	2.500762	.2299975
Stddev	.40162	.0018383	.10142	.032622	.0005757	.041032	.0033447
%RSD	1.592027	1.601087	.2662890	.8886241	7.376801	1.640786	1.454244
#1	25.51115	.1161125	38.15724	3.648056	.0082112	2.529776	.2276324
#2	24.94317	.1135128	38.01381	3.694191	.0073970	2.471748	.2323626
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208455-f-10-c Acquired: 11/23/2021 18:59:40 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2331065	.0031979	.0023397	1.299490	.0279101	.2598732	1.034448
Stddev	.0001089	.0012229	.0028158	.003706	.0004552	.0006065	.000904
%RSD	.0466982	38.24090	120.3471	.2851581	1.630980	.2333723	.0873800
#1	.2330296	.0023332	.0043308	1.302110	.0275882	.2603020	1.035087
#2	.2331835	.0040626	.0003487	1.296869	.0282319	.2594444	1.033809
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0056044	.2567361	.8217077
Stddev	.0024321	.0007560	.0018177
%RSD	43.39606	.2944603	.2212084
#1	.0038847	.2562015	.8204224
#2	.0073242	.2572707	.8229930
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1539.785	840.9247	5551.647	5011.524
Stddev	3.778	1.5640	39.675	58.829
%RSD	.2453501	.1859849	.7146499	1.173882
#1	1542.456	839.8188	5523.592	4969.926
#2	1537.114	842.0306	5579.701	5053.123

Sample Name: 500-208455-f-11-c Acquired: 11/23/2021 19:02:50 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004414	31.73645	.0354395	.0573270	.6408422	.0041734
Stddev	.0013878	.59004	.0071370	.0005620	.0083257	.0005818
%RSD	314.4238	1.859183	20.13862	.9803253	1.299177	13.94047
#1	-.000540	31.31922	.0303928	.0577244	.6349550	.0037620
#2	.001423	32.15366	.0404861	.0569296	.6467293	.0045848
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011787	F 2152.302	.0113490	.1850199	.0482719	.1782150
Stddev	.003077	209.244	.0002980	.0017031	.0007694	.0004980
%RSD	26.10392	9.721876	2.625911	.9204993	1.593885	.2794511
#1	-.013963	2004.344	.0115597	.1838157	.0488159	.1778628
#2	-.009612	2300.260	.0111383	.1862242	.0477278	.1785671
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2576313	85.90474	8.992814	.0586505	136.3208	3.159200
Stddev	.0021872	.93974	.193239	.0017349	1.7614	.021179
%RSD	.8489567	1.093935	2.148814	2.957987	1.292085	.6703956
#1	.2591779	85.24025	8.856173	.0574237	135.0753	3.144225
#2	.2560848	86.56924	9.129454	.0598772	137.5662	3.174176
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208455-f-11-c Acquired: 11/23/2021 19:02:50 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0870421	1.714228	.1369790	1.729816	.0055985	.0124715
Stddev	.0015323	.042746	.0004544	.009066	.0032083	.0003231
%RSD	1.760442	2.493580	.3316914	.5240898	57.30604	2.590760
#1	.0881256	1.684002	.1366577	1.736226	.0033299	.0127000
#2	.0859585	1.744453	.1373003	1.723405	.0078671	.0122431
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.472838	.0288734	F 2.266527	.4129586	.0015959	.0904156
Stddev	.012359	.0025020	.026146	.0022332	.0033390	.0003312
%RSD	.4997926	8.665267	1.153575	.5407864	209.2291	.3663423
#1	2.481577	.0306426	2.285015	.4113795	-.000765	.0901814
#2	2.464099	.0271043	2.248039	.4145377	.003957	.0906498
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			2.000000			
Low Limit			-.005000			

Elem	Zn2062
Units	ppm
Avg	.8716324
Stddev	.0083987
%RSD	.9635612
#1	.8775712
#2	.8656936
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208455-f-11-c Acquired: 11/23/2021 19:02:50 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1132.601	650.2916	4269.416	4132.503
Stddev	1.332	.7863	41.655	25.949
%RSD	.1175960	.1209121	.9756524	.6279217
#1	1131.659	649.7356	4239.962	4150.852
#2	1133.542	650.8476	4298.870	4114.154

Sample Name: 500-208455-f-12-c Acquired: 11/23/2021 19:06:10 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0026551**	**41.59997**	**.0644354**	**.2721879**	**.5839173**	**.0078812**	**-.001520**
Stddev	.0000347	.70941	.0036168	.0019112	.0073244	.0001745	.002692
%RSD	1.308451	1.705317	5.613050	.7021753	1.254364	2.214050	177.1173
#1	.0026797	41.09834	.0669929	.2735394	.5787381	.0077578	-.003424
#2	.0026305	42.10160	.0618779	.2708365	.5890964	.0080045	.000384
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**291.3459**	**.0055309**	**.2081486**	**.0449014**	**.2752956**	**1.126349**	**231.2069**
Stddev	2.0409	.0000318	.0031930	.0003971	.0024607	.008742	.1366
%RSD	.7005098	.5754308	1.533994	.8843132	.8938451	.7761027	.0590781
#1	292.7890	.0055534	.2104064	.0446206	.2735556	1.132530	231.1103
#2	289.9028	.0055084	.2058908	.0451821	.2770356	1.120168	231.3035
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.85985**	**.0403805**	**18.83592**	**2.739188**	**.1474351**	**1.471976**	**.3585718**
Stddev	.20295	.0006719	.21850	.007663	.0005132	.029641	.0015419
%RSD	1.578170	1.664031	1.160025	.2797619	.3480649	2.013700	.4300032
#1	12.71635	.0399054	18.68142	2.744607	.1477980	1.451016	.3574815
#2	13.00336	.0408557	18.99042	2.733769	.1470723	1.492935	.3596621
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208455-f-12-c Acquired: 11/23/2021 19:06:10 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6171026	.0147491	.0086126	2.222417	.1425409	.4539708	2.043161
Stddev	.0005135	.0011650	.0031532	.013763	.0031401	.0004961	.003196
%RSD	.0832063	7.898895	36.61206	.6192632	2.202960	.1092769	.1564192
#1	.6167395	.0155729	.0108422	2.232148	.1403205	.4543216	2.040901
#2	.6174657	.0139253	.0063829	2.212685	.1447613	.4536200	2.045421
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0027442	.1453884	1.371216
Stddev	.0005639	.0004885	.004928
%RSD	20.54939	.3359683	.3593853
#1	.0023455	.1457338	1.367731
#2	.0031430	.1450430	1.374700
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1478.735	737.4313	4800.364	4302.134
Stddev	3.267	5.2512	38.187	4.407
%RSD	.2209486	.7120879	.7955045	.1024479
#1	1476.425	733.7181	4773.361	4299.017
#2	1481.045	741.1444	4827.366	4305.250

Sample Name: 500-208455-f-13-c Acquired: 11/23/2021 19:09:20 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036614	80.43285	.1472870	.3776261	1.495694	.0106985
Stddev	.0007466	1.39559	.0040247	.0010821	.028673	.0003141
%RSD	20.39189	1.735095	2.732569	.2865416	1.917024	2.936233
#1	.0031334	79.44602	.1444411	.3768609	1.475420	.0104764
#2	.0041893	81.41968	.1501329	.3783912	1.515969	.0109207
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007412	87.25873	.0103753	.4350267	.0600090	.1543625
Stddev	.0001402	1.22957	.0001449	.0118039	.0006781	.0012204
%RSD	18.91771	1.409110	1.396719	2.713379	1.130069	.7905924
#1	.0008404	88.12817	.0102729	.4266800	.0604885	.1534996
#2	.0006421	86.38929	.0104778	.4433733	.0595295	.1552255
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3.363462	302.2258	15.08312	.0836395	20.18707	4.080941
Stddev	.021729	.7477	.42213	.0027362	.28286	.012713
%RSD	.6460211	.2473951	2.798707	3.271417	1.401174	.3115308
#1	3.378826	302.7545	14.78463	.0817047	19.98706	4.089931
#2	3.348097	301.6971	15.38161	.0855743	20.38707	4.071951
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	2.000000					
Low Limit	-.010000					

Sample Name: 500-208455-f-13-c Acquired: 11/23/2021 19:09:20 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0396601	2.776749	.2105062	3.317125	.0233599	.0047858
Stddev	.0008339	.086710	.0033028	.005704	.0009631	.0003576
%RSD	2.102531	3.122712	1.568989	.1719658	4.122762	7.471584
#1	.0390705	2.715436	.2081708	3.313092	.0226789	.0045329
#2	.0402497	2.838063	.2128417	3.321159	.0240409	.0050386
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.543451	.5776994	.3482420	1.755911	.0084885	.2090475
Stddev	.012761	.0049669	.0015471	.004838	.0015814	.0000385
%RSD	.5017087	.8597661	.4442477	.2755060	18.63022	.0184231
#1	2.552474	.5741873	.3493360	1.759332	.0096068	.2090747
#2	2.534428	.5812115	.3471481	1.752490	.0073703	.2090203
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	3.922864
Stddev	.005158
%RSD	.1314819
#1	3.919216
#2	3.926511
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208455-f-13-c Acquired: 11/23/2021 19:09:20 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1535.681	793.1886	5234.372	4635.011
Stddev	3.747	2.7061	44.435	33.358
%RSD	.2440275	.3411655	.8489157	.7197002
#1	1538.331	795.1021	5202.952	4658.599
#2	1533.031	791.2751	5265.793	4611.423

Sample Name: 500-208455-f-14-c Acquired: 11/23/2021 19:12:28 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0032981**	**47.13859**	**.0663643**	**.1641961**	**2.978392**	**.0098454**
Stddev	.0002558	.54898	.0016276	.0010864	.040295	.0002013
%RSD	7.754784	1.164603	2.452448	.6616509	1.352916	2.044203
#1	.0031173	46.75040	.0652134	.1649643	2.949899	.0099877
#2	.0034790	47.52677	.0675151	.1634279	3.006885	.0097031
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0090187**	**238.4605**	**.0206713**	**.2955400**	**.0719533**	F **3.246526**
Stddev	.0005646	1.7401	.0001353	.0078801	.0009687	.023320
%RSD	6.260296	.7297160	.6546442	2.666353	1.346305	.7182957
#1	.0086195	237.2300	.0207670	.3011121	.0712683	3.263015
#2	.0094179	239.6909	.0205756	.2899679	.0726383	3.230036
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Fail
High Limit						2.000000
Low Limit						-.010000

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.039287**	**305.0915**	**14.56771**	**.0427300**	**72.77165**	**4.342792**
Stddev	.010499	3.9024	.22564	.0005525	.95375	.047800
%RSD	1.010206	1.279077	1.548878	1.293104	1.310604	1.100670
#1	1.046711	302.3321	14.40816	.0423392	72.09725	4.308992
#2	1.031863	307.8509	14.72726	.0431207	73.44605	4.376591
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208455-f-14-c Acquired: 11/23/2021 19:12:28 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9516983**	**1.226330**	**.3921745**	**6.464993**	**.0485963**	**.0048924**
Stddev	.0032419	.020851	.0008386	.035892	.0034087	.0038906
%RSD	.3406452	1.700302	.2138272	.5551794	7.014261	79.52196
#1	.9494060	1.211586	.3927674	6.439613	.0461860	.0076435
#2	.9539907	1.241074	.3915815	6.490372	.0510065	.0021414
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.331939**	**.0941597**	**.4062386**	**1.255655**	**.0083755**	**.7073681**
Stddev	.009376	.0014684	.0044775	.010213	.0008314	.0070139
%RSD	.2164503	1.559519	1.102176	.8133797	9.926306	.9915413
#1	4.338569	.0951981	.4094047	1.262877	.0077876	.7123277
#2	4.325309	.0931214	.4030726	1.248433	.0089634	.7024086
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**7.246879**
Stddev	.044497
%RSD	.6140218
#1	7.215415
#2	7.278344
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208455-f-14-c Acquired: 11/23/2021 19:12:28 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1454.139	723.9910	4942.624	4405.542
Stddev	3.552	2.3880	40.654	3.041
%RSD	.2442417	.3298342	.8225101	.0690230
#1	1451.628	722.3025	4913.877	4407.692
#2	1456.651	725.6796	4971.370	4403.392

Sample Name: 500-208455-f-15-c Acquired: 11/23/2021 19:15:35 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075241	62.72630	.0776766	.1677528	.9530298	.0094941
Stddev	.0002463	.88405	.0048578	.0007562	.0116169	.0003702
%RSD	3.273792	1.409385	6.253807	.4507934	1.218946	3.898750
#1	.0073499	62.10118	.0742417	.1682875	.9448154	.0092324
#2	.0076983	63.35142	.0811116	.1672181	.9612442	.0097558
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007440	64.99758	.0103739	.3807070	.0805030	.4363191
Stddev	.0013924	2.26926	.0002384	.0006450	.0005577	.0012511
%RSD	187.1492	3.491301	2.297650	.1694291	.6927048	.2867431
#1	-.000241	63.39297	.0102053	.3811631	.0801087	.4372038
#2	.001729	66.60219	.0105424	.3802509	.0808973	.4354345
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.601926	290.9813	32.06813	.0617155	20.31342	4.609844
Stddev	.020123	7.6694	.18790	.0006210	.31178	.120101
%RSD	.7733780	2.635716	.5859346	1.006219	1.534835	2.605324
#1	2.616154	285.5582	31.93527	.0612764	20.09296	4.524920
#2	2.587697	296.4045	32.20099	.0621546	20.53388	4.694769
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	2.000000					
Low Limit	-.010000					

Sample Name: 500-208455-f-15-c Acquired: 11/23/2021 19:15:35 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1102772	1.356610	.2685470	1.603164	.2696679	.0073493
Stddev	.0000369	.009369	.0025577	.002629	.0026844	.0043176
%RSD	.0334625	.6905818	.9524096	.1640001	.9954583	58.74820
#1	.1103033	1.349986	.2667384	1.605023	.2715660	.0104023
#2	.1102511	1.363235	.2703555	1.601305	.2677697	.0042963
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.333481	.1167897	.2181548	1.708372	.0085707	.2171619
Stddev	.008668	.0010910	.0011020	.000670	.0018695	.0012196
%RSD	.3714536	.9341895	.5051444	.0392125	21.81235	.5615909
#1	2.339610	.1160182	.2189340	1.708845	.0072488	.2162996
#2	2.327352	.1175612	.2173755	1.707898	.0098927	.2180243
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	7.305735
Stddev	.032442
%RSD	.4440667
#1	7.282795
#2	7.328676
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208455-f-15-c Acquired: 11/23/2021 19:15:35 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1538.692	772.4954	5110.450	4539.005
Stddev	8.489	7.1190	45.823	2.043
%RSD	.5516906	.9215640	.8966532	.0450178
#1	1532.689	767.4615	5078.048	4540.450
#2	1544.694	777.5294	5142.851	4537.560

Sample Name: CCV Acquired: 11/23/2021 19:18:44 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4768807**	**49.07581**	**.5014149**	**.5043731**	**.4993100**	**.5136445**
Stddev	.0025444	.35579	.0006487	.0017092	.0017913	.0044755
%RSD	.5335424	.7249749	.1293652	.3388757	.3587460	.8713298
#1	.4786798	48.82423	.5018735	.5055816	.4980434	.5104798
#2	.4750816	49.32739	.5009562	.5031645	.5005766	.5168092
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5125924**	**24.81263**	**.5037733**	F **.0990944**	**.5161575**	**.4665029**
Stddev	.0056503	.31382	.0024277	.0034089	.0055136	.0033410
%RSD	1.102297	1.264746	.4818968	3.440090	1.068200	.7161811
#1	.5165878	24.59073	.5054899	.1015049	.5200562	.4688653
#2	.5085971	25.03453	.5020567	.0966839	.5122588	.4641404
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4883775**	**25.18930**	**51.01543**	**3.911764**	**24.99880**	**4.969677**
Stddev	.0047699	.40638	.24703	.016086	.04216	.044574
%RSD	.9766762	1.613294	.4842200	.4112304	.1686320	.8969203
#1	.4850047	24.90195	51.19011	3.923139	24.96899	4.938159
#2	.4917503	25.47665	50.84076	3.900389	25.02861	5.001196
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/23/2021 19:18:44 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4886106**	**25.69353**	**.5142520**	**.5113902**	**.4821840**	**.4950365**
Stddev	.0010499	.13491	.0080994	.0068979	.0005663	.0042604
%RSD	.2148827	.5250829	1.574996	1.348863	.1174451	.8606153
#1	.4893531	25.78893	.5199792	.5162678	.4825845	.4980491
#2	.4878682	25.59813	.5085249	.5065126	.4817836	.4920240
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.3881246**	**.5203895**	**.4788164**	**.4776480**	**.5102662**	**4.697721**
Stddev	.0011072	.0091535	.0016120	.0008825	.0041020	.003636
%RSD	.2852588	1.758974	.3366634	.1847519	.8038932	.0773959
#1	.3889075	.5268620	.4776765	.4782720	.5131668	4.700292
#2	.3873417	.5139170	.4799562	.4770240	.5073657	4.695150
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**.5161831**
Stddev	.0066463
%RSD	1.287593
#1	.5208827
#2	.5114834
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/23/2021 19:18:44 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1654.590	783.4538	5029.646	4510.508
Stddev	3.703	4.7991	61.899	34.347
%RSD	.2237943	.6125570	1.230679	.7614994
#1	1651.972	786.8473	5073.415	4486.220
#2	1657.208	780.0603	4985.877	4534.795

Sample Name: CCB Acquired: 11/23/2021 19:21:51 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005377	.0128297	.0017025	.0015100	-.000069	.0001373
Stddev	.0006356	.0018521	.0014595	.0003533	.000036	.0001040
%RSD	118.2065	14.43587	85.72794	23.39562	52.13853	75.74785
#1	.0009871	.0141394	.0006705	.0017599	-.000044	.0000638
#2	.0000883	.0115201	.0027346	.0012602	-.000094	.0002108
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002725	-.001459	-.000210	F .0079984	-.000252	-.000158
Stddev	.0014821	.000133	.000213	.0076473	.000239	.001421
%RSD	543.8289	9.109896	101.4953	95.61001	94.80985	899.4859
#1	.0013205	-.001553	-.000361	.0134058	-.000083	-.001163
#2	-.000775	-.001365	-.000059	.0025910	-.000421	.000847
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008877	.0305587	-.002726	.0001270	.0091628	.0005079
Stddev	.0002713	.0413084	.004473	.0001832	.0048943	.0002641
%RSD	30.56304	135.1771	164.0814	144.1912	53.41486	52.00415
#1	.0006959	.0013493	.000437	.0002566	.0057020	.0006947
#2	.0010796	.0597681	-.005888	-.000002	.0126236	.0003211
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/23/2021 19:21:51 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005766	.0075353	.0010522	-.001477	-.000555	.0024402
Stddev	.0006589	.0000492	.0007949	.000343	.000625	.0007481
%RSD	114.2731	.6527039	75.54459	23.22437	112.5924	30.65614
#1	.0010425	.0075700	.0004901	-.001234	-.000997	.0029691
#2	.0001107	.0075005	.0016142	-.001720	-.000113	.0019112
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025711	-.000093	.0000195	.0001224	.0019922	.0004210
Stddev	.0005833	.001962	.0000068	.0002343	.0007139	.0003778
%RSD	22.68650	2110.374	34.68780	191.4060	35.83649	89.74604
#1	.0029835	.001295	.0000147	.0002881	.0024970	.0001538
#2	.0021586	-.001481	.0000243	-.000043	.0014874	.0006881
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0001923
Stddev	.0003560
%RSD	185.1365
#1	-.000059
#2	.000444
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/23/2021 19:21:51 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1846.218	810.1107	5211.739	4591.728
Stddev	7.970	.7627	27.581	15.098
%RSD	.4316898	.0941494	.5292080	.3288041
#1	1851.853	809.5714	5231.241	4602.404
#2	1840.582	810.6501	5192.236	4581.052

Sample Name: 500-208455-f-16-c Acquired: 11/23/2021 19:25:10 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0051754**	**52.00769**	**.0293912**	**.0707802**	**1.376292**	**.0045512**	**-.005183**
Stddev	.0003834	.34902	.0006121	.0000813	.007240	.0001018	.000664
%RSD	7.407036	.6710869	2.082700	.1148963	.5260845	2.237416	12.80247
#1	.0054465	51.76090	.0289583	.0708377	1.371172	.0046232	-.005652
#2	.0049044	52.25449	.0298240	.0707227	1.381412	.0044792	-.004714
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**69.92754**	**.0061567**	**.3304845**	**.0333131**	**.1430629**	**.1719770**	**131.3781**
Stddev	.92401	.0000005	.0028481	.0000316	.0029213	.0025498	1.9465
%RSD	1.321384	.0087717	.8618084	.0947894	2.041941	1.482640	1.481616
#1	69.27416	.0061564	.3284705	.0332907	.1409972	.1737800	130.0016
#2	70.58091	.0061571	.3324984	.0333354	.1451285	.1701740	132.7544
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**35.60751**	**.0621382**	**24.37836**	**3.491590**	**.0137630**	**1.235097**	**.1108929**
Stddev	.24879	.0007023	.10462	.038421	.0005135	.004205	.0017832
%RSD	.6987085	1.130245	.4291468	1.100397	3.731374	.3404331	1.608083
#1	35.78343	.0626348	24.30438	3.464422	.0133999	1.238070	.1121539
#2	35.43158	.0616416	24.45234	3.518758	.0141262	1.232124	.1096320
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208455-f-16-c Acquired: 11/23/2021 19:25:10 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.160106	.0076963	.0013776	1.852104	.0456240	.1963591	1.242264
Stddev	.003130	.0012786	.0000718	.002200	.0015910	.0010120	.000634
%RSD	.1448792	16.61244	5.212833	.1188091	3.487243	.5153688	.0510173
#1	2.162319	.0086004	.0013268	1.850548	.0467491	.1970746	1.242712
#2	2.157893	.0067923	.0014284	1.853660	.0444990	.1956435	1.241816
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0047799	.1493963	6.779629
Stddev	.0022965	.0002356	.003096
%RSD	48.04377	.1576804	.0456716
#1	.0031561	.1492297	6.777440
#2	.0064038	.1495628	6.781819
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1544.025	763.8289	5065.440	4479.472
Stddev	1.869	.8040	47.667	46.929
%RSD	.1210726	.1052614	.9410211	1.047636
#1	1542.703	764.3974	5031.734	4446.288
#2	1545.347	763.2604	5099.146	4512.655

Sample Name: 500-208455-f-17-c Acquired: 11/23/2021 19:28:19 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032739	38.99607	.0474872	.1008783	.7028551	.0106922
Stddev	.0005396	.32291	.0059928	.0015571	.0059096	.0000517
%RSD	16.48286	.8280561	12.61973	1.543567	.8408012	.4839078
#1	.0036555	38.76773	.0517247	.0997773	.6986764	.0107288
#2	.0028924	39.22440	.0432497	.1019794	.7070338	.0106556
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001657	F 1518.902	.0126735	.2250505	.1403819	.1981319
Stddev	.002320	5.634	.0000970	.0054458	.0007596	.0010354
%RSD	140.0229	.3709028	.7656156	2.419810	.5410679	.5225728
#1	-.003298	1514.918	.0127421	.2289013	.1398448	.1988640
#2	-.000016	1522.885	.0126049	.2211997	.1409190	.1973998
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7630903	241.7639	8.879004	.0538240	320.4100	12.76873
Stddev	.0133433	.2436	.035855	.0002748	2.5210	.05539
%RSD	1.748592	.1007758	.4038137	.5104788	.7867965	.4337891
#1	.7725254	241.5916	8.853651	.0536297	318.6274	12.72957
#2	.7536551	241.9362	8.904357	.0540183	322.1926	12.80790
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208455-f-17-c Acquired: 11/23/2021 19:28:19 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0545667	2.099864	.2319475	7.282180	.0109402	.0063471
Stddev	.0004407	.010429	.0025552	.006374	.0011847	.0030005
%RSD	.8076763	.4966487	1.101615	.0875319	10.82859	47.27393
#1	.0548784	2.092489	.2301407	7.277673	.0101025	.0042254
#2	.0542551	2.107238	.2337543	7.286687	.0117778	.0084688
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.448807	.0395413	1.324685	.5936642	.0028489	.1183176
Stddev	.016199	.0033888	.014883	.0005268	.0000336	.0005009
%RSD	.6615045	8.570353	1.123548	.0887435	1.178789	.4233521
#1	2.437352	.0419375	1.335209	.5940368	.0028252	.1179634
#2	2.460261	.0371450	1.314160	.5932917	.0028727	.1186718
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	1.223519
Stddev	.003571
%RSD	.2918326
#1	1.226043
#2	1.220994
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208455-f-17-c Acquired: 11/23/2021 19:28:19 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1174.923	654.6834	4348.147	4069.267
Stddev	13.437	9.6925	53.158	.229
%RSD	1.143630	1.480482	1.222547	.0056282
#1	1184.424	661.5371	4310.559	4069.105
#2	1165.422	647.8298	4385.736	4069.429

Sample Name: 500-208455-f-18-c Acquired: 11/23/2021 19:31:40 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012243**	**38.51238**	**.0469048**	**.3038155**	**.7396824**	**.0091474**	**-.004919**
Stddev	.0000958	.02706	.0016195	.0010474	.0001521	.0002480	.000687
%RSD	7.826550	.0702645	3.452763	.3447557	.0205593	2.710944	13.96609
#1	.0011566	38.49325	.0480499	.3045561	.7395749	.0089720	-.004433
#2	.0012921	38.53152	.0457596	.3030748	.7397899	.0093227	-.005405
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**222.5544**	**.0044603**	**.2152871**	**.0450387**	**.1010180**	**.3047902**	**243.1171**
Stddev	2.3543	.0000427	.0035122	.0004493	.0023923	.0011967	1.8002
%RSD	1.057870	.9579761	1.631422	.9975894	2.368217	.3926331	.7404640
#1	220.8897	.0044300	.2128036	.0447210	.0993264	.3056364	241.8442
#2	224.2192	.0044905	.2177706	.0453564	.1027096	.3039440	244.3900
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.519582**	**.0515573**	**27.80351**	**3.880786**	**.0416641**	**1.449289**	**.1507493**
Stddev	.062506	.0005049	.06595	.024811	.0000247	.008577	.0036231
%RSD	.9587447	.9793657	.2372074	.6393220	.0593037	.5918362	2.403417
#1	6.563780	.0519144	27.75687	3.863242	.0416816	1.455354	.1533113
#2	6.475383	.0512003	27.85014	3.898330	.0416466	1.443223	.1481874
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208455-f-18-c Acquired: 11/23/2021 19:31:40 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.051915	.0086205	.0069824	2.490848	.0502376	.3669706	1.635270
Stddev	.009616	.0033776	.0000860	.024246	.0019963	.0007989	.004342
%RSD	.9141092	39.18077	1.231989	.9733854	3.973685	.2177074	.2655133
#1	1.058714	.0062322	.0069216	2.507992	.0488260	.3675355	1.638340
#2	1.045116	.0110088	.0070432	2.473704	.0516492	.3664056	1.632200
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0036771	.1070314	2.114748
Stddev	.0041100	.0005415	.007108
%RSD	111.7718	.5059469	.3361338
#1	.0007709	.1074144	2.109722
#2	.0065833	.1066485	2.119774
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1458.486	706.2810	4854.112	4205.561
Stddev	8.352	3.1130	22.053	44.702
%RSD	.5726493	.4407578	.4543230	1.062928
#1	1452.580	704.0797	4838.518	4173.952
#2	1464.391	708.4822	4869.706	4237.171

Sample Name: 500-208455-f-19-c Acquired: 11/23/2021 19:34:50 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017427	46.70527	.0446514	.0832658	.8360611	.0085004
Stddev	.0005545	.03169	.0030707	.0008399	.0005629	.0000768
%RSD	31.81541	.0678417	6.877062	1.008747	.0673260	.9031222
#1	.0021348	46.68286	.0424801	.0826719	.8356630	.0085547
#2	.0013507	46.72768	.0468227	.0838597	.8364591	.0084461
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005554	F 667.4118	.0140624	.3050313	.0999572	.2357354
Stddev	.002183	1.0809	.0000643	.0021796	.0006996	.0002728
%RSD	39.31161	.1619547	.4572536	.7145558	.6998607	.1157048
#1	-.004010	668.1761	.0140169	.3034901	.0994626	.2359282
#2	-.007097	666.6475	.0141078	.3065726	.1004519	.2355425
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4813646	163.1469	24.30798	.0628118	244.7883	12.02291
Stddev	.0009436	1.3206	.51655	.0013724	.5800	.13570
%RSD	.1960154	.8094755	2.125003	2.184920	.2369403	1.128655
#1	.4806974	162.2130	24.67323	.0637822	244.3782	11.92696
#2	.4820318	164.0807	23.94272	.0618413	245.1984	12.11887
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208455-f-19-c Acquired: 11/23/2021 19:34:50 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0417449**	**1.739275**	**.1863654**	**14.05032**	**.0093603**	**.0031943**
Stddev	.0003203	.037448	.0021461	.03611	.0009520	.0016932
%RSD	.7671502	2.153098	1.151550	.2569874	10.17068	53.00647
#1	.0415184	1.765755	.1878829	14.02479	.0086871	.0043915
#2	.0419713	1.712795	.1848478	14.07586	.0100335	.0019970
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.943357**	**.0553742**	**.5370818**	**.8941307**	**.0017879**	**.1733540**
Stddev	.000006	.0016668	.0007375	.0004502	.0007275	.0007467
%RSD	.0003014	3.009979	.1373133	.0503489	40.68991	.4307264
#1	1.943361	.0565527	.5365603	.8944490	.0012735	.1728260
#2	1.943353	.0541956	.5376032	.8938124	.0023023	.1738819
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**2.526630**
Stddev	.019558
%RSD	.7740607
#1	2.512800
#2	2.540459
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208455-f-19-c Acquired: 11/23/2021 19:34:50 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1268.353	675.7360	4620.607	4274.183
Stddev	.098	1.1746	11.278	32.495
%RSD	.0077198	.1738286	.2440846	.7602694
#1	1268.422	674.9054	4628.582	4251.206
#2	1268.283	676.5666	4612.632	4297.161

Sample Name: 500-208487-f-1-b Acquired: 11/23/2021 19:38:06 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013976**	**90.69781**	**.0548082**	**.1012522**	**.4038267**	**.0063911**	**-.007153**
Stddev	.0007281	.15465	.0003115	.0002293	.0004542	.0000759	.001670
%RSD	52.09293	.1705158	.5683783	.2264431	.1124745	1.187022	23.34671
#1	.0019125	90.80717	.0550285	.1014143	.4035055	.0064448	-.005972
#2	.0008828	90.58845	.0545879	.1010901	.4041478	.0063375	-.008334
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**553.3089**	**.0011164**	**.4737971**	**.0900104**	**.1861816**	**.1588507**	**166.5662**
Stddev	8.0293	.0001109	.0025844	.0001014	.0024409	.0018411	1.8568
%RSD	1.451148	9.936898	.5454573	.1126575	1.311022	1.159010	1.114730
#1	547.6313	.0011949	.4719697	.0900821	.1844556	.1601525	165.2533
#2	558.9865	.0010380	.4756246	.0899387	.1879076	.1575488	167.8792
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**20.98258**	**.1536749**	**333.1769**	**3.972163**	**.0201540**	**1.650494**	**.2293342**
Stddev	.35422	.0034126	1.3364	.049087	.0002138	.034285	.0015669
%RSD	1.688139	2.220657	.4011080	1.235773	1.060866	2.077277	.6832528
#1	21.23305	.1560880	332.2319	3.937454	.0200028	1.674737	.2282262
#2	20.73211	.1512618	334.1219	4.006873	.0203052	1.626251	.2304422
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208487-f-1-b Acquired: 11/23/2021 19:38:06 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1007190	.0062096	-.003834	2.040535	.0266357	.2235658	1.243212
Stddev	.0031731	.0013287	.005416	.001574	.0024202	.0007917	.002398
%RSD	3.150444	21.39714	141.2563	.0771158	9.086188	.3541363	.1928667
#1	.1029627	.0052701	-.007664	2.041647	.0249243	.2241257	1.241516
#2	.0984753	.0071492	-.000004	2.039422	.0283470	.2230060	1.244907
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0071173	.1855851	.4483471
Stddev	.0009005	.0001424	.0009647
%RSD	12.65241	.0767266	.2151736
#1	.0077541	.1856858	.4476650
#2	.0064806	.1854845	.4490293
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1297.452	719.3565	4779.994	4414.954
Stddev	4.467	3.0637	35.464	39.440
%RSD	.3442918	.4258962	.7419204	.8933290
#1	1300.611	721.5228	4754.917	4387.066
#2	1294.293	717.1901	4805.071	4442.843

Sample Name: 500-208487-f-2-b Acquired: 11/23/2021 19:41:22 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019553**	**90.75065**	**.0476205**	**.1100078**	**.2791401**	**.0071915**
Stddev	.0001494	.80732	.0028232	.0001127	.0025294	.0000332
%RSD	7.640622	.8895986	5.928615	.1024185	.9061242	.4622200
#1	.0020610	90.17979	.0496169	.1100875	.2773516	.0072150
#2	.0018497	91.32151	.0456242	.1099281	.2809287	.0071680
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004992**	F **732.9778**	**.0014723**	**.5089867**	**.1167330**	**.1457515**
Stddev	.002208	32.4725	.0001853	.0103632	.0000185	.0004812
%RSD	44.21968	4.430217	12.58774	2.036046	.0158297	.3301480
#1	-.003431	710.0162	.0016033	.5016588	.1167199	.1454112
#2	-.006554	755.9393	.0013412	.5163146	.1167461	.1460917
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1723692**	**166.3461**	**22.77510**	**.1677008**	**402.8964**	**4.567199**
Stddev	.0010995	1.0221	.06185	.0005931	2.9655	.031531
%RSD	.6378489	.6144430	.2715716	.3536362	.7360332	.6903807
#1	.1731466	165.6234	22.73136	.1672814	400.7995	4.544903
#2	.1715918	167.0689	22.81883	.1681201	404.9933	4.589495
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208487-f-2-b Acquired: 11/23/2021 19:41:22 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197362	5.660846	.2663186	.1040021	.0051058	.0029781
Stddev	.0000882	.018370	.0014193	.0008504	.0002669	.0045966
%RSD	.4469840	.3245151	.5329408	.8176680	5.226547	154.3491
#1	.0197986	5.647856	.2673222	.1034008	.0049171	-.000272
#2	.0196739	5.673836	.2653150	.1046034	.0052945	.006228
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.222370	.0265594	.3150221	1.244297	.0064315	.1802461
Stddev	.004798	.0025041	.0010634	.000642	.0013890	.0001971
%RSD	.2158958	9.428207	.3375479	.0516175	21.59633	.1093637
#1	2.225763	.0247887	.3157740	1.243842	.0074137	.1801067
#2	2.218978	.0283300	.3142702	1.244751	.0054494	.1803855
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.4067962
Stddev	.0033524
%RSD	.8240871
#1	.4044258
#2	.4091667
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208487-f-2-b Acquired: 11/23/2021 19:41:22 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1260.245	716.3932	4781.228	4477.441
Stddev	.296	.1628	35.339	.747
%RSD	.0235171	.0227287	.7391197	.0166902
#1	1260.035	716.2781	4756.239	4476.912
#2	1260.454	716.5084	4806.216	4477.969

Sample Name: mb 500-630433/1-a Acquired: 11/23/2021 19:45:19 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000949	.0460817	-.002621	.0007205	.0004187	-.000023	-.012331
Stddev	.0000325	.0023115	.001272	.0000806	.0000810	.000081	.001457
%RSD	34.22121	5.016057	48.51876	11.18677	19.34904	353.7165	11.81695
#1	.0000719	.0477161	-.003521	.0006635	.0003614	-.000080	-.011300
#2	.0001179	.0444472	-.001722	.0007775	.0004760	.000035	-.013361
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2425930	.0004241	.0105966	-.000869	.0067517	.0020010	.1399311
Stddev	.0010869	.0001002	.0115781	.000143	.0006756	.0003155	.0012182
%RSD	.4480219	23.62946	109.2626	16.47868	10.00613	15.76479	.8705702
#1	.2418244	.0004949	.0024096	-.000971	.0072294	.0017780	.1390697
#2	.2433615	.0003532	.0187835	-.000768	.0062740	.0022241	.1407925
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075667	-.000211	.1564576	.0011234	.0015119	.0662501	-.001974
Stddev	.0017132	.000210	.0289681	.0006590	.0002435	.0012263	.000465
%RSD	22.64122	99.35385	18.51501	58.66432	16.10470	1.851072	23.56907
#1	.0087781	-.000063	.1769411	.0015894	.0013397	.0671172	-.002303
#2	.0063553	-.000360	.1359740	.0006574	.0016841	.0653829	-.001645
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: mb 500-630433/1-a Acquired: 11/23/2021 19:45:19 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004862	.0025273	-.000928	.0217611	.0164102	.0002289	.0010799
Stddev	.001279	.0017002	.000261	.0010858	.0018967	.0000012	.0000189
%RSD	26.31252	67.27256	28.11116	4.989670	11.55820	.5111589	1.746796
#1	-.005766	.0013251	-.001113	.0225289	.0177514	.0002281	.0010932
#2	-.003957	.0037295	-.000744	.0209933	.0150690	.0002297	.0010665
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	-.002211	.0006192	.0028491
Stddev	.000774	.0003145	.0002657
%RSD	34.98941	50.79461	9.324637
#1	-.002758	.0008416	.0026613
#2	-.001664	.0003968	.0030370
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1775.023	770.8949	5119.392	4464.312
Stddev	10.809	9.0754	11.898	45.227
%RSD	.6089323	1.177261	.2324157	1.013081
#1	1767.380	764.4776	5127.806	4432.331
#2	1782.666	777.3122	5110.979	4496.292

Sample Name: lcs 500-630433/2-a Acquired: 11/23/2021 19:48:38 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0437401	1.853267	.0864789	.8243418	1.919318	.0462963	.4331930
Stddev	.0001560	.013622	.0008337	.0023758	.032459	.0008643	.0014151
%RSD	.3565451	.7350173	.9639895	.2882036	1.691193	1.866904	.3266575
#1	.0438504	1.843635	.0870684	.8226618	1.896366	.0456851	.4321925
#2	.0436299	1.862899	.0858894	.8260217	1.942271	.0469074	.4341936
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.174627	.0449185	.0479866	.4628085	.1833307	.2386369	1.051885
Stddev	.086585	.0000642	.0071109	.0018154	.0009599	.0011727	.089104
%RSD	.9437417	.1428379	14.81841	.3922484	.5235678	.4913990	8.470904
#1	9.113402	.0449639	.0429585	.4615249	.1826520	.2394661	.988878
#2	9.235852	.0448732	.0530147	.4640922	.1840094	.2378077	1.114891
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.19240	.4999245	9.534429	.4591069	.9766762	10.40169	.4692419
Stddev	.30818	.0155326	.253352	.0066051	.0012268	.32255	.0022302
%RSD	3.023591	3.106986	2.657235	1.438691	.1256046	3.100936	.4752784
#1	9.97449	.4889413	9.355282	.4544364	.9758087	10.17361	.4676649
#2	10.41031	.5109077	9.713576	.4637775	.9775436	10.62977	.4708188
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: lcs 500-630433/2-a Acquired: 11/23/2021 19:48:38 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0862263	.4743219	.0805799	2.423248	.9460405	.9189585	.9369034
Stddev	.0017274	.0058609	.0005187	.002916	.0041432	.0037711	.0019815
%RSD	2.003388	1.235642	.6437111	.1203194	.4379464	.4103683	.2114976
#1	.0874478	.4701776	.0802132	2.421186	.9431109	.9216251	.9355022
#2	.0850048	.4784662	.0809467	2.425310	.9489702	.9162919	.9383045
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0890934	.4568475	.4563607
Stddev	.0005840	.0000944	.0022181
%RSD	.6555094	.0206666	.4860388
#1	.0886805	.4567808	.4547922
#2	.0895064	.4569143	.4579291
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1694.251	758.6420	4987.974	4390.796
Stddev	1.889	1.2940	28.151	18.972
%RSD	.1114907	.1705736	.5643734	.4320910
#1	1695.587	757.7270	4968.068	4404.211
#2	1692.916	759.5570	5007.879	4377.381

Sample Name: 500-208683-c-1-b Acquired: 11/23/2021 19:51:52 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001257**	**11.84314**	**-.000508**	**.0421888**	**.0568903**	**.0016655**
Stddev	.000959	.22217	.001102	.0001910	.0006747	.0000390
%RSD	76.27365	1.875975	216.9647	.4526965	1.185992	2.343054
#1	-.001935	11.68604	-.001287	.0423238	.0564132	.0016931
#2	-.000579	12.00024	.000271	.0420537	.0573674	.0016379
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.014590**	F **1527.760**	**.0013716**	**.1397177**	**.0102796**	**.0338598**
Stddev	.001421	32.681	.0001875	.0009786	.0001412	.0000590
%RSD	9.738305	2.139177	13.67286	.7004067	1.373781	.1741075
#1	-.013585	1550.870	.0015042	.1390257	.0101797	.0338181
#2	-.015594	1504.651	.0012390	.1404097	.0103794	.0339015
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0414015**	**32.99663**	**2.631998**	**.0258800**	F **890.3582**	**1.431752**
Stddev	.0001124	.26216	.055838	.0004067	10.8899	.014251
%RSD	.2715058	.7944932	2.121509	1.571644	1.223090	.9953861
#1	.0413220	32.81125	2.592514	.0255924	882.6579	1.421675
#2	.0414810	33.18200	2.671481	.0261676	898.0585	1.441830
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					600.0000	
Low Limit					-.100000	

Sample Name: 500-208683-c-1-b Acquired: 11/23/2021 19:51:52 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0027103**	**1.883510**	**.0356048**	**.0157629**	**.0046958**	**-.005591**
Stddev	.0008992	.047259	.0017056	.0011544	.0002057	.004501
%RSD	33.17613	2.509111	4.790415	7.323600	4.379465	80.50716
#1	.0020744	1.850093	.0368108	.0149467	.0045504	-.008774
#2	.0033461	1.916928	.0343987	.0165792	.0048412	-.002408
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.935868**	**.0228386**	**.4305267**	**.6409426**	**-.000491**	**.0548395**
Stddev	.003263	.0037946	.0000264	.0024415	.002568	.0011091
%RSD	.1685616	16.61483	.0061241	.3809174	522.5551	2.022381
#1	1.933561	.0255218	.4305454	.6392162	-.002307	.0540553
#2	1.938176	.0201555	.4305081	.6426689	.001324	.0556237
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**.1348517**
Stddev	.0012203
%RSD	.9049059
#1	.1339888
#2	.1357145
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208683-c-1-b Acquired: 11/23/2021 19:51:52 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1151.818	628.6582	4123.679	4041.999
Stddev	1.036	1.1976	5.737	17.799
%RSD	.0899031	.1905062	.1391352	.4403445
#1	1152.550	627.8114	4119.622	4054.585
#2	1151.086	629.5051	4127.736	4029.414

Sample Name: 500-208683-c-1-bSD@5 Acquired: 11/23/2021 19:55:09 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006893**	**2.327739**	**.0008027**	**.0105753**	**.0120170**	**.0005817**	**-.003277**
Stddev	.0002366	.022390	.0023581	.0002369	.0001323	.0000419	.000418
%RSD	34.32331	.9618677	293.7530	2.239663	1.100959	7.209949	12.75530
#1	.0005220	2.311907	.0024702	.0104078	.0119234	.0005521	-.003573
#2	.0008566	2.343571	-.000865	.0107428	.0121105	.0006114	-.002982
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**348.3658**	**.0005607**	**.0621068**	**.0017082**	**.0073656**	**.0097978**	**7.262155**
Stddev	2.8238	.0004453	.0084427	.0010578	.0007369	.0003678	.090307
%RSD	.8105710	79.41376	13.59381	61.92264	10.00455	3.753881	1.243533
#1	346.3691	.0008756	.0561369	.0009603	.0068446	.0100579	7.198298
#2	350.3625	.0002458	.0680767	.0024562	.0078867	.0095377	7.326012
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5251398**	**.0048667**	**205.4624**	**.3101622**	**.0003193**	**.3878865**	**.0074826**
Stddev	.0044042	.0002622	2.0547	.0029091	.0005880	.0090387	.0015622
%RSD	.8386772	5.387218	1.000040	.9379182	184.1311	2.330233	20.87790
#1	.5220255	.0050521	204.0095	.3081052	.0007352	.3814952	.0085872
#2	.5282541	.0046813	206.9153	.3122193	-.000096	.3942778	.0063780
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208683-c-1-bSD@5 Acquired: 11/23/2021 19:55:09 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039882	-.000183	.0025389	.3997363	.0064693	.0923486	.1419426
Stddev	.0000492	.000086	.0032205	.0057621	.0018131	.0006057	.0004361
%RSD	1.233094	47.04114	126.8476	1.441477	28.02544	.6559233	.3072499
#1	.0040230	-.000244	.0048161	.4038107	.0077513	.0919202	.1416342
#2	.0039534	-.000122	.0002616	.3956618	.0051873	.0927769	.1422510
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0018203	.0112567	.0290117
Stddev	.0014540	.0001884	.0001925
%RSD	79.88133	1.673643	.6634369
#1	.0028484	.0113899	.0288756
#2	.0007921	.0111235	.0291478
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1464.707	704.8236	4675.612	4303.682
Stddev	2.217	.6320	27.444	.867
%RSD	.1513915	.0896713	.5869506	.0201471
#1	1466.275	705.2705	4656.207	4304.295
#2	1463.139	704.3767	4695.018	4303.069

Sample Name: CCV Acquired: 11/23/2021 19:58:25 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4767078**	**48.80464**	**.5013361**	**.5110749**	**.4984342**	**.5077618**
Stddev	.0025156	.48806	.0006191	.0023604	.0054093	.0057000
%RSD	.5276978	1.000031	.1234992	.4618544	1.085268	1.122581
#1	.4784865	48.45953	.5017740	.5127440	.4946092	.5037312
#2	.4749290	49.14975	.5008983	.5094059	.5022591	.5117923
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5103361**	**24.63894**	**.5038744**	F **.0976342**	**.5128175**	**.4661312**
Stddev	.0004212	.33185	.0003469	.0059754	.0054784	.0011591
%RSD	.0825372	1.346847	.0688438	6.120228	1.068303	.2486580
#1	.5106339	24.40429	.5036291	.0934089	.5089437	.4653116
#2	.5100382	24.87359	.5041197	.1018595	.5166913	.4669508
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4954932**	**24.94628**	**50.77459**	**3.884207**	**25.05851**	**4.936594**
Stddev	.0049715	.35274	.15210	.026085	.32401	.060725
%RSD	1.003343	1.413983	.2995612	.6715600	1.293013	1.230106
#1	.4990086	24.69686	50.66704	3.865763	24.82940	4.893655
#2	.4919778	25.19570	50.88214	3.902652	25.28762	4.979533
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/23/2021 19:58:25 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4892166	25.53621	.5120025	.5120778	.4893279	.4967846
Stddev	.0021520	.14458	.0030636	.0002825	.0008167	.0000317
%RSD	.4398877	.5661769	.5983464	.0551604	.1669128	.0063861
#1	.4907383	25.43398	.5098362	.5118781	.4899054	.4967622
#2	.4876949	25.63844	.5141687	.5122776	.4887503	.4968071
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .3881106	.5194716	.4836981	.4806414	.5094662	4.712865
Stddev	.0051865	.0018891	.0014980	.0010407	.0002771	.002972
%RSD	1.336356	.3636550	.3096928	.2165157	.0543986	.0630556
#1	.3917780	.5181358	.4847574	.4813773	.5092702	4.710764
#2	.3844432	.5208074	.4826389	.4799056	.5096622	4.714967
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	.5089782
Stddev	.0064732
%RSD	1.271801
#1	.5044009
#2	.5135554
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/23/2021 19:58:25 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1616.757	759.9524	4924.492	4470.378
Stddev	15.722	14.7679	41.780	4.138
%RSD	.9724440	1.943273	.8484091	.0925694
#1	1605.640	749.5099	4894.949	4473.304
#2	1627.874	770.3949	4954.035	4467.452

Sample Name: CCB Acquired: 11/23/2021 20:01:32 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004185	.0088951	.0013006	.0011936	.0000391	.0001249
Stddev	.0007119	.0185270	.0023166	.0005366	.0000897	.0001383
%RSD	170.1010	208.2837	178.1206	44.95496	229.2976	110.7094
#1	-.000085	-.004205	.0029386	.0015730	.0001026	.0000271
#2	.000922	.021996	-.000338	.0008142	-.000024	.0002227
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003053	-.001921	-.000090	F .0093879	-.000222	-.000276
Stddev	.0014393	.004492	.000009	.0060947	.000273	.000519
%RSD	471.5013	233.8459	9.943229	64.92012	122.8304	188.0422
#1	-.000712	.001256	-.000083	.0136975	-.000029	-.000643
#2	.001323	-.005098	-.000096	.0050784	-.000415	.000091
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009805	-.012933	-.000153	.0000311	.0044096	.0005364
Stddev	.0004404	.009485	.011756	.0002141	.0032402	.0000217
%RSD	44.91536	73.34061	7688.166	689.4906	73.47956	4.052321
#1	.0006691	-.006226	.008160	.0001825	.0067007	.0005517
#2	.0012919	-.019641	-.008466	-.000120	.0021185	.0005210
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/23/2021 20:01:32 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003581	.0058636	.0007973	.0004626	-.000638	.0004442
Stddev	.0002407	.0026876	.0011490	.0000867	.000261	.0000514
%RSD	67.21349	45.83536	144.1172	18.75104	40.81080	11.56069
#1	.0001879	.0077640	-.000015	.0005239	-.000454	.0004079
#2	.0005283	.0039632	.001610	.0004013	-.000823	.0004805
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013183	-.001809	.0000197	.0001364	.0014381	.0002824
Stddev	.0002041	.002033	.0000030	.0001422	.0005990	.0004591
%RSD	15.48355	112.3634	15.01464	104.2551	41.65344	162.5626
#1	.0011740	-.000372	.0000218	.0000358	.0010145	.0006071
#2	.0014627	-.003247	.0000176	.0002369	.0018616	-.000042
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	-.000095
Stddev	.000465
%RSD	487.5872
#1	-.000424
#2	.000233
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/23/2021 20:01:32 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.253	796.2217	5242.108	4571.390
Stddev	4.888	5.0133	21.506	12.654
%RSD	.2670871	.6296420	.4102481	.2768080
#1	1826.796	792.6768	5226.901	4580.338
#2	1833.709	799.7667	5257.315	4562.443

Sample Name: 500-208683-c-1-c du Acquired: 11/23/2021 20:04:51 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001290	17.26735	.0176535	.0285963	.0899160	.0017170
Stddev	.0005167	.07991	.0001022	.0005959	.0005531	.0000758
%RSD	400.5350	.4627706	.5786987	2.083813	.6151298	4.415096
#1	-.000236	17.21085	.0177257	.0290177	.0895249	.0016634
#2	.000494	17.32385	.0175813	.0281750	.0903071	.0017706
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009836	F 912.8811	.0014229	.1604478	.0169819	.0420362
Stddev	.001882	48.2891	.0000146	.0126184	.0005660	.0000349
%RSD	19.13001	5.289746	1.028993	7.864485	3.332912	.0830040
#1	-.008506	878.7355	.0014333	.1515252	.0165817	.0420116
#2	-.011167	947.0266	.0014126	.1693703	.0173821	.0420609
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0557898	47.92510	2.262782	.0262263	519.5603	1.633633
Stddev	.0000943	.61887	.013692	.0001556	5.2967	.019465
%RSD	.1690713	1.291333	.6050973	.5932868	1.019454	1.191545
#1	.0558565	47.48750	2.272464	.0263363	515.8150	1.619869
#2	.0557231	48.36271	2.253100	.0261162	523.3056	1.647397
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208683-c-1-c du Acquired: 11/23/2021 20:04:51 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025449	1.203948	.0472557	.0262806	.0009500	-.001890
Stddev	.0004838	.003593	.0013041	.0003615	.0017735	.003382
%RSD	19.00897	.2984716	2.759691	1.375468	186.6802	178.9940
#1	.0028870	1.201407	.0481778	.0265362	.0022040	.000502
#2	.0022028	1.206489	.0463335	.0260250	-.000304	-.004281
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.977424	.0219680	.2528985	.9336779	.0044702	.0812641
Stddev	.010849	.0019222	.0004529	.0028975	.0011642	.0007721
%RSD	.5486407	8.750180	.1790850	.3103284	26.04468	.9501256
#1	1.985096	.0233272	.2525783	.9357267	.0052935	.0807182
#2	1.969753	.0206088	.2532187	.9316291	.0036470	.0818101
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.2039378
Stddev	.0001416
%RSD	.0694430
#1	.2038376
#2	.2040379
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208683-c-1-c du Acquired: 11/23/2021 20:04:51 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1241.922	644.4333	4325.496	4101.679
Stddev	4.185	4.3792	14.008	14.020
%RSD	.3369722	.6795395	.3238588	.3418114
#1	1238.962	641.3368	4335.401	4091.766
#2	1244.881	647.5299	4315.590	4111.593

Sample Name: 500-208683-c-1-d ms Acquired: 11/23/2021 20:08:28 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0484993**	**25.22413**	**.1170033**	**.8921847**	**2.017877**	**.0528479**
Stddev	.0002766	.27496	.0026343	.0036774	.020792	.0002229
%RSD	.5704059	1.090084	2.251465	.4121754	1.030365	.4216987
#1	.0486949	25.02970	.1151406	.8895844	2.003175	.0530055
#2	.0483037	25.41856	.1188660	.8947850	2.032579	.0526903
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5466075**	F **935.6834**	**.0511604**	**.2466113**	**.5135321**	**.2145317**
Stddev	.0058592	34.3889	.0001058	.0078446	.0017740	.0030064
%RSD	1.071913	3.675275	.2068162	3.180939	.3454526	1.401382
#1	.5424645	911.3668	.0512352	.2410643	.5122777	.2166575
#2	.5507506	960.0001	.0510855	.2521582	.5147865	.2124058
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3374661**	**57.61012**	**14.90386**	**.5425600**	**527.2667**	**2.147005**
Stddev	.0018664	.13924	.24016	.0099654	4.2776	.010047
%RSD	.5530540	.2416906	1.611399	1.836731	.8112717	.4679365
#1	.3361464	57.51166	14.73404	.5355134	524.2420	2.139901
#2	.3387858	57.70857	15.07368	.5496066	530.2914	2.154109
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208683-c-1-d ms Acquired: 11/23/2021 20:08:28 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9228048	12.02703	.5531146	.1203107	.4658637	.0824441
Stddev	.0041075	.20443	.0002725	.0029792	.0010125	.0013129
%RSD	.4451150	1.699781	.0492756	2.476284	.2173291	1.592523
#1	.9199003	11.88248	.5533073	.1182040	.4651477	.0815157
#2	.9257093	12.17159	.5529219	.1224173	.4665796	.0833724
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.299204	1.078855	1.197148	2.013427	.0865946	.5149358
Stddev	.045438	.009835	.002687	.000033	.0040070	.0023223
%RSD	.7213359	.9116144	.2244305	.0016428	4.627371	.4509780
#1	6.331333	1.071901	1.195248	2.013404	.0894280	.5132938
#2	6.267074	1.085810	1.199048	2.013450	.0837611	.5165779
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.6494898
Stddev	.0045756
%RSD	.7044905
#1	.6462543
#2	.6527252
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208683-c-1-d ms Acquired: 11/23/2021 20:08:28 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1217.796	641.6070	4340.933	4067.150
Stddev	4.333	.8327	13.758	3.007
%RSD	.3558192	.1297810	.3169451	.0739456
#1	1220.860	642.1958	4350.662	4069.276
#2	1214.732	641.0182	4331.204	4065.023

Sample Name: 500-208683-c-1-e msd Acquired: 11/23/2021 20:11:46 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0490676**	**26.26343**	**.1101516**	**.8938676**	**2.006713**	**.0520051**
Stddev	.0008339	.39600	.0022236	.0017344	.022382	.0006934
%RSD	1.699600	1.507804	2.018703	.1940369	1.115337	1.333271
#1	.0496573	25.98341	.1117240	.8926411	1.990887	.0515148
#2	.0484779	26.54344	.1085793	.8950940	2.022539	.0524954
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5378940**	F **817.3987**	**.0512619**	**.1938519**	**.5152421**	**.2109358**
Stddev	.0004173	27.2612	.0004315	.0128817	.0020842	.0017973
%RSD	.0775863	3.335119	.8417472	6.645143	.4045075	.8520504
#1	.5375989	798.1221	.0509568	.2029607	.5137684	.2096649
#2	.5381891	836.6753	.0515670	.1847432	.5167158	.2122066
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3124160**	**46.76543**	**14.62226**	**.5387860**	**453.4352**	**1.994981**
Stddev	.0000349	.53740	.23767	.0090553	5.8629	.018866
%RSD	.0111817	1.149138	1.625389	1.680682	1.292999	.9456911
#1	.3123913	46.38544	14.45420	.5323829	449.2895	1.981640
#2	.3124407	47.14543	14.79032	.5451890	457.5809	2.008321
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208683-c-1-e msd Acquired: 11/23/2021 20:11:46 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9386307	11.86306	.5451510	.1208304	.4601860	.0811961
Stddev	.0040303	.18270	.0035329	.0003649	.0054418	.0039002
%RSD	.4293828	1.540115	.6480493	.3019920	1.182511	4.803420
#1	.9357808	11.73387	.5426529	.1205723	.4563381	.0839540
#2	.9414805	11.99226	.5476491	.1210884	.4640339	.0784383
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.936950	1.083582	1.135136	1.973660	.0875999	.5178939
Stddev	.016751	.000935	.013956	.004384	.0019844	.0022971
%RSD	.2821452	.0862700	1.229434	.2221319	2.265277	.4435518
#1	5.948794	1.084243	1.145004	1.970560	.0890030	.5162696
#2	5.925105	1.082921	1.125267	1.976760	.0861967	.5195182
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.6655703
Stddev	.0038689
%RSD	.5812991
#1	.6628346
#2	.6683061
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208683-c-1-e msd Acquired: 11/23/2021 20:11:46 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1255.061	653.5273	4366.326	4111.495
Stddev	4.526	2.8891	15.644	17.192
%RSD	.3606123	.4420703	.3582945	.4181415
#1	1251.861	651.4845	4355.264	4123.651
#2	1258.262	655.5702	4377.389	4099.339

Sample Name: 500-208683-c-2-b Acquired: 11/23/2021 20:15:05 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000759	18.44718	.0146822	.0329077	.0953647	.0019585
Stddev	.0005725	.22080	.0000352	.0002867	.0007610	.0001095
%RSD	754.6515	1.196923	.2397414	.8712758	.7980383	5.589336
#1	-.000329	18.29106	.0146573	.0327049	.0948266	.0020359
#2	.000481	18.60331	.0147071	.0331104	.0959029	.0018811
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007619	F 885.9404	.0011059	.1565600	.0180746	.0434088
Stddev	.000340	29.4158	.0004879	.0005540	.0002183	.0003467
%RSD	4.456620	3.320294	44.12064	.3538658	1.207750	.7986519
#1	-.007379	865.1403	.0014509	.1569518	.0182290	.0436540
#2	-.007859	906.7406	.0007608	.1561683	.0179203	.0431637
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0515590	49.28913	2.338203	.0289236	512.4510	1.808485
Stddev	.0006796	.32061	.051103	.0004089	4.3337	.011177
%RSD	1.318003	.6504661	2.185588	1.413763	.8456871	.6180218
#1	.0510785	49.06242	2.302067	.0286344	509.3866	1.800582
#2	.0520395	49.51583	2.374339	.0292127	515.5154	1.816388
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208683-c-2-b Acquired: 11/23/2021 20:15:05 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020796	1.023969	.0504095	.0338876	.0040054	.0011037
Stddev	.0002761	.020745	.0005030	.0003834	.0031021	.0016130
%RSD	13.27759	2.025927	.9978253	1.131294	77.44946	146.1531
#1	.0018844	1.009300	.0500538	.0336165	.0018118	-.000037
#2	.0022749	1.038638	.0507651	.0341587	.0061989	.002244
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.535335	.0220832	.2482006	1.036071	.0047203	.0704721
Stddev	.010223	.0043796	.0013671	.000705	.0011072	.0005720
%RSD	.6658328	19.83250	.5507964	.0680213	23.45551	.8116294
#1	1.528106	.0189863	.2472339	1.035572	.0055032	.0708765
#2	1.542563	.0251801	.2491673	1.036569	.0039374	.0700676
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.1941133
Stddev	.0000520
%RSD	.0268054
#1	.1941501
#2	.1940765
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208683-c-2-b Acquired: 11/23/2021 20:15:05 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1254.473	660.3796	4425.266	4198.224
Stddev	9.023	6.0717	61.897	7.487
%RSD	.7192909	.9194286	1.398722	.1783456
#1	1260.853	664.6730	4469.034	4203.519
#2	1248.092	656.0863	4381.498	4192.930

Sample Name: 500-208685-c-1-b Acquired: 11/23/2021 20:18:42 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001755**	**15.97275**	**.0130782**	**.0736135**	**.1193085**	**.0023097**
Stddev	.000659	.02813	.0050644	.0005028	.0001403	.0000969
%RSD	37.57720	.1761179	38.72434	.6830783	.1176267	4.195498
#1	-.001289	15.95286	.0166593	.0732579	.1192093	.0023782
#2	-.002221	15.99264	.0094971	.0739691	.1194077	.0022411
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.013309**	F **1692.118**	**.0016083**	**.1553585**	**.0256367**	**.0340274**
Stddev	.001430	44.364	.0001591	.0062165	.0006733	.0012438
%RSD	10.74788	2.621793	9.892722	4.001372	2.626301	3.655372
#1	-.014320	1660.748	.0014958	.1597542	.0251606	.0349069
#2	-.012298	1723.488	.0017208	.1509628	.0261128	.0331479
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0363652**	**46.40742**	**4.254071**	**.0288704**	F **1022.624**	**2.898237**
Stddev	.0003142	.17006	.011478	.0004470	4.974	.011156
%RSD	.8639729	.3664422	.2698103	1.548369	.4863870	.3849127
#1	.0361431	46.28717	4.245955	.0285543	1019.107	2.890349
#2	.0365874	46.52767	4.262187	.0291865	1026.141	2.906125
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					600.0000	
Low Limit					-.100000	

Sample Name: 500-208685-c-1-b Acquired: 11/23/2021 20:18:42 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028482	1.380206	.0493607	.0527524	.0043208	-.000834
Stddev	.0006028	.002343	.0031618	.0005031	.0019788	.007180
%RSD	21.16466	.1697790	6.405444	.9537807	45.79613	860.5338
#1	.0024219	1.378549	.0515964	.0531082	.0057200	.004243
#2	.0032744	1.381863	.0471250	.0523966	.0029216	-.005912
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.785821	.0211024	.4279116	.2914683	.0022859	.0359333
Stddev	.020086	.0031699	.0015160	.0029079	.0004560	.0003020
%RSD	1.124770	15.02176	.3542757	.9976693	19.94974	.8404532
#1	1.800025	.0233439	.4268397	.2894121	.0019634	.0357197
#2	1.771618	.0188609	.4289836	.2935245	.0026083	.0361468
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.2795510
Stddev	.0019512
%RSD	.6979602
#1	.2781713
#2	.2809307
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208685-c-1-b Acquired: 11/23/2021 20:18:42 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1083.865	606.8309	4073.354	4083.264
Stddev	3.239	2.5388	16.722	20.017
%RSD	.2988084	.4183719	.4105276	.4902131
#1	1086.155	608.6261	4085.179	4069.110
#2	1081.575	605.0357	4061.530	4097.418

Sample Name: 500-208685-c-2-b Acquired: 11/23/2021 20:22:20 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000923	20.44980	.0160551	.0697272	.1126443	.0022733
Stddev	.001393	.35416	.0054454	.0005416	.0012989	.0002567
%RSD	151.0072	1.731860	33.91700	.7767316	1.153078	11.29266
#1	-.001908	20.19937	.0122046	.0693442	.1117258	.0024548
#2	.000063	20.70023	.0199056	.0701101	.1135627	.0020917
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010370	F 1258.275	.0015049	.2021883	.0208074	.0401685
Stddev	.000402	30.278	.0001731	.0041353	.0010952	.0016975
%RSD	3.874035	2.406329	11.49996	2.045271	5.263458	4.225862
#1	-.010655	1236.865	.0016272	.1992642	.0215818	.0389682
#2	-.010086	1279.685	.0013825	.2051124	.0200330	.0413688
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0577963	54.29053	5.076296	.0287373	F 749.1067	2.534967
Stddev	.0009007	.19112	.117660	.0009285	6.1495	.002454
%RSD	1.558401	.3520321	2.317824	3.230813	.8209155	.0967935
#1	.0584332	54.15539	4.993098	.0280808	744.7583	2.533232
#2	.0571594	54.42567	5.159494	.0293938	753.4551	2.536702
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					600.0000	
Low Limit					-.100000	

Sample Name: 500-208685-c-2-b Acquired: 11/23/2021 20:22:20 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025154	1.208208	.0564983	.0389243	.0069882	-.003259
Stddev	.0000055	.032045	.0007654	.0027817	.0035301	.000918
%RSD	.2173319	2.652316	1.354708	7.146307	50.51476	28.18177
#1	.0025193	1.185548	.0559571	.0408912	.0044921	-.002610
#2	.0025116	1.230867	.0570395	.0369574	.0094843	-.003908
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.703111	.0219733	.3570069	.3354189	-.004043	.0546166
Stddev	.026632	.0031693	.0002969	.0002845	.001284	.0001786
%RSD	1.563724	14.42323	.0831657	.0848240	31.75224	.3269188
#1	1.684279	.0242143	.3572169	.3352177	-.003135	.0544903
#2	1.721943	.0197323	.3567970	.3356200	-.004950	.0547428
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.3432150
Stddev	.0002551
%RSD	.0743168
#1	.3433953
#2	.3430346
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208685-c-2-b Acquired: 11/23/2021 20:22:20 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1153.494	638.5553	4246.405	4218.045
Stddev	.978	2.3696	14.630	6.693
%RSD	.0848195	.3710808	.3445177	.1586648
#1	1152.802	640.2309	4236.061	4222.777
#2	1154.186	636.8798	4256.750	4213.312

Sample Name: 500-208686-c-1-a Acquired: 11/23/2021 20:25:57 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003712	25.57416	.0154181	.0293749	.1642214	.0023217
Stddev	.0008143	.39206	.0009978	.0002267	.0024319	.0001122
%RSD	219.4014	1.533030	6.471609	.7718692	1.480873	4.834283
#1	.0009470	25.29693	.0147125	.0292146	.1625018	.0022424
#2	-.000205	25.85138	.0161236	.0295352	.1659410	.0024011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010287	F 697.2106	.0017228	.2056851	.0207226	.0554868
Stddev	.000097	18.7997	.0001129	.0049426	.0000285	.0012319
%RSD	.9438794	2.696412	6.555526	2.403001	.1373845	2.220095
#1	-.010356	683.9173	.0018027	.2091801	.0207025	.0546158
#2	-.010219	710.5040	.0016430	.2021901	.0207427	.0563579
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0827029	52.40957	2.912837	.0361321	359.4123	1.742806
Stddev	.0005318	.77328	.058387	.0008343	5.2627	.022108
%RSD	.6430703	1.475447	2.004458	2.309147	1.464257	1.268529
#1	.0830790	51.86278	2.871551	.0355422	355.6910	1.727173
#2	.0823268	52.95636	2.954122	.0367221	363.1336	1.758438
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208686-c-1-a Acquired: 11/23/2021 20:25:57 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019458	.8750764	.0565074	.0453883	.0055780	-.002481
Stddev	.0001671	.0119236	.0004379	.0012934	.0006685	.000471
%RSD	8.587082	1.362575	.7749214	2.849685	11.98374	18.98417
#1	.0020639	.8666452	.0568171	.0444738	.0060507	-.002148
#2	.0018276	.8835076	.0561978	.0463029	.0051053	-.002814
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.572945	.0218202	.2204046	1.265751	.0004961	.0977254
Stddev	.007470	.0011092	.0004575	.000076	.0034430	.0000371
%RSD	.4749284	5.083281	.2075818	.0059720	694.0365	.0379367
#1	1.567662	.0226045	.2207281	1.265697	.0029306	.0976991
#2	1.578227	.0210359	.2200811	1.265804	-.001938	.0977516
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.6461294
Stddev	.0009837
%RSD	.1522507
#1	.6454338
#2	.6468250
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208686-c-1-a Acquired: 11/23/2021 20:25:57 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1292.753	674.2959	4520.693	4237.110
Stddev	.293	2.9994	22.409	32.406
%RSD	.0226495	.4448252	.4956992	.7648161
#1	1292.960	676.4168	4504.847	4260.024
#2	1292.546	672.1750	4536.538	4214.195

Sample Name: 500-208738-a-1-b Acquired: 11/23/2021 20:29:33 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032718	64.33169	.1103842	.0911238	.9636288	.0073086	-.000779
Stddev	.0007740	.26860	.0038804	.0011723	.0029587	.0000709	.001203
%RSD	23.65559	.4175290	3.515364	1.286467	.3070370	.9694972	154.3682
#1	.0038191	64.52162	.1076404	.0919527	.9657209	.0073587	.000071
#2	.0027246	64.14176	.1131281	.0902948	.9615367	.0072585	-.001630
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	509.9649	.0088044	.3942097	.0899293	.1979043	.8326558	212.7188
Stddev	10.5242	.0000350	.0066541	.0005141	.0003222	.0003515	3.0597
%RSD	2.063709	.3979365	1.687962	.5716253	.1628099	.0422152	1.438369
#1	502.5232	.0087796	.3989148	.0895658	.1976765	.8324072	210.5553
#2	517.4066	.0088291	.3895045	.0902928	.1981321	.8329043	214.8823
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.37115	.1112151	251.3542	3.481345	.1124846	1.278859	.4914184
Stddev	.36243	.0033254	.4740	.042575	.0008003	.034450	.0021602
%RSD	2.929627	2.990038	.1885758	1.222953	.7114952	2.693842	.4395888
#1	12.62743	.1135665	251.0190	3.451239	.1130506	1.303219	.4898909
#2	12.11488	.1088637	251.6893	3.511450	.1119187	1.254499	.4929459
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208738-a-1-b Acquired: 11/23/2021 20:29:33 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.580284	.0138222	.0031931	2.008442	.0740297	.3479724	.8244041
Stddev	.004255	.0000621	.0002855	.000609	.0007595	.0002742	.0004167
%RSD	.2692599	.4489969	8.940803	.0303253	1.025960	.0788012	.0505505
#1	1.577275	.0138661	.0029912	2.008873	.0745667	.3481663	.8241094
#2	1.583292	.0137783	.0033950	2.008011	.0734926	.3477785	.8246987
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0066735	.1640549	1.804703
Stddev	.0005683	.0011973	.002774
%RSD	8.515700	.7298333	.1536831
#1	.0070754	.1649015	1.802742
#2	.0062717	.1632083	1.806664
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1321.593	719.0413	4814.668	4473.497
Stddev	1.378	3.7193	3.778	63.019
%RSD	.1042918	.5172586	.0784687	1.408714
#1	1320.618	716.4114	4811.997	4428.936
#2	1322.567	721.6713	4817.339	4518.058

Sample Name: 500-208626-a-1-a Acquired: 11/23/2021 20:32:44 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011404	43.32157	.0381145	.0257575	.6108006	.0033969	-.008971
Stddev	.0001198	.49534	.0002921	.0004170	.0074860	.0001350	.002730
%RSD	10.50000	1.143399	.7664783	1.618747	1.225604	3.974830	30.43504
#1	.0010558	42.97131	.0379080	.0254626	.6055071	.0034924	-.007041
#2	.0012251	43.67182	.0383211	.0260523	.6160940	.0033014	-.010902
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.86345	.0029453	.2596259	.0660045	.0847693	.1213689	72.96724
Stddev	.55324	.0000453	.0082624	.0005651	.0002653	.0000597	.63411
%RSD	1.155863	1.539421	3.182440	.8561828	.3129573	.0491749	.8690336
#1	47.47226	.0029133	.2537835	.0656049	.0845818	.1214111	72.51886
#2	48.25465	.0029774	.2654683	.0664041	.0849569	.1213267	73.41562
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.91889	.0323629	22.81048	6.157918	.0102781	.3893046	.0844747
Stddev	.07691	.0001929	.18086	.074140	.0005769	.0029811	.0013427
%RSD	.7043527	.5960125	.7928862	1.203980	5.612976	.7657454	1.589421
#1	10.86451	.0322265	22.68259	6.105493	.0106860	.3871966	.0835253
#2	10.97327	.0324993	22.93836	6.210343	.0098701	.3914125	.0854241
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208626-a-1-a Acquired: 11/23/2021 20:32:44 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1961296	-.000650	.0025243	1.575139	.0179651	.0976199	1.164361
Stddev	.0000701	.000969	.0002613	.012907	.0008087	.0000030	.000962
%RSD	.0357488	148.9609	10.35008	.8194229	4.501448	.0031093	.0826013
#1	.1960800	-.001335	.0023396	1.584266	.0173933	.0976178	1.165041
#2	.1961791	.000035	.0027091	1.566013	.0185370	.0976221	1.163681
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0023023	.1119159	4.759680
Stddev	.0023968	.0005470	.044146
%RSD	104.1034	.4887496	.9274970
#1	.0006075	.1123027	4.728464
#2	.0039971	.1115291	4.790896
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1597.011	755.2523	5121.382	4496.459
Stddev	10.018	9.2900	2.257	14.882
%RSD	.6273070	1.230054	.0440712	.3309778
#1	1589.927	748.6832	5122.978	4485.936
#2	1604.095	761.8213	5119.786	4506.983

Sample Name: 500-208626-a-2-a Acquired: 11/23/2021 20:35:55 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017326	100.3908	.0621940	.0218674	.8533235	.0070317	-.001525
Stddev	.0000152	.6300	.0022518	.0002053	.0067252	.0000176	.000582
%RSD	.8779948	.6275684	3.620559	.9386252	.7881183	.2506864	38.18065
#1	.0017218	99.9453	.0606018	.0220125	.8485681	.0070192	-.001114
#2	.0017433	100.8363	.0637862	.0217223	.8580789	.0070441	-.001937
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.87507	.0023766	.6059012	.0790392	.1331922	.1002065	143.9677
Stddev	.26625	.0000488	.0142851	.0002396	.0016304	.0004691	.6382
%RSD	.8098788	2.051699	2.357661	.3031557	1.224083	.4681715	.4433167
#1	32.68681	.0024111	.5958001	.0792086	.1343450	.0998747	143.5164
#2	33.06334	.0023422	.6160023	.0788697	.1320393	.1005382	144.4190
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.244289	.0701195	16.48993	7.700872	.0134981	.2821805	.1306490
Stddev	.013750	.0001706	.04378	.073047	.0000336	.0006299	.0001451
%RSD	.1897982	.2433023	.2654995	.9485499	.2485872	.2232333	.1110538
#1	7.254012	.0702401	16.45898	7.649221	.0134744	.2826259	.1305464
#2	7.234567	.0699988	16.52089	7.752524	.0135218	.2817350	.1307516
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208626-a-2-a Acquired: 11/23/2021 20:35:55 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1882564	.0034132	.0028612	1.707707	.0255673	.0658906	1.256822
Stddev	.0023489	.0010655	.0018985	.025206	.0004415	.0002248	.002517
%RSD	1.247689	31.21777	66.35291	1.476030	1.726663	.3411285	.2002779
#1	.1865956	.0041666	.0042036	1.689884	.0258794	.0657317	1.258602
#2	.1899173	.0026597	.0015187	1.725531	.0252551	.0660495	1.255042
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0054883	.2247246	.4620641
Stddev	.0009309	.0002649	.0005086
%RSD	16.96081	.1178807	.1100618
#1	.0061465	.2245373	.4624237
#2	.0048301	.2249119	.4617045
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1585.054	830.3807	5465.112	4882.461
Stddev	18.314	16.5483	29.452	48.433
%RSD	1.155445	1.992860	.5389022	.9919698
#1	1598.004	842.0821	5485.937	4848.214
#2	1572.104	818.6793	5444.286	4916.708

Sample Name: CCV Acquired: 11/23/2021 20:39:05 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4720290**	**48.44603**	**.5025940**	**.5075900**	**.4900830**	**.4995409**
Stddev	.0024528	.22969	.0027819	.0077311	.0018512	.0040459
%RSD	.5196256	.4741213	.5535109	1.523099	.3777410	.8099285
#1	.4737633	48.28361	.5006269	.5021233	.4887740	.4966800
#2	.4702946	48.60845	.5045611	.5130567	.4913920	.5024018
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5116888**	**24.37626**	**.5018017**	F **.1004915**	**.5129472**	**.4617161**
Stddev	.0025250	.58216	.0048853	.0041538	.0006458	.0028116
%RSD	.4934556	2.388237	.9735500	4.133433	.1259068	.6089545
#1	.5099034	23.96461	.4983473	.1034286	.5124905	.4637043
#2	.5134743	24.78791	.5052562	.0975543	.5134038	.4597280
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5008929**	**24.92450**	**50.22768**	**3.830857**	**24.89594**	**4.858063**
Stddev	.0001170	.43400	.98594	.075164	.12532	.075445
%RSD	.0233637	1.741275	1.962939	1.962059	.5033807	1.552977
#1	.5008102	24.61761	50.92485	3.884006	24.80732	4.804715
#2	.5009757	25.23139	49.53052	3.777708	24.98455	4.911410
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/23/2021 20:39:05 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4869738**	**25.30181**	**.5091089**	**.5115576**	**.4833554**	**.4960619**
Stddev	.0048027	.47602	.0004366	.0065981	.0052538	.0083590
%RSD	.9862351	1.881358	.0857514	1.289812	1.086936	1.685068
#1	.4835778	25.63840	.5094176	.5068920	.4796405	.4901512
#2	.4903699	24.96521	.5088002	.5162232	.4870704	.5019726
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.3853117**	**.5167331**	**.4855494**	**.4811937**	**.5103426**	**4.746987**
Stddev	.0049327	.0024028	.0018417	.0040207	.0042182	.045526
%RSD	1.280186	.4650038	.3793065	.8355679	.8265534	.9590488
#1	.3818237	.5150340	.4868517	.4840367	.5073599	4.779179
#2	.3887996	.5184321	.4842471	.4783506	.5133254	4.714796
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**.5090662**
Stddev	.0027131
%RSD	.5329488
#1	.5109846
#2	.5071478
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/23/2021 20:39:05 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1629.083	766.4531	4943.291	4527.604
Stddev	20.457	16.3212	1.702	25.210
%RSD	1.255729	2.129449	.0344230	.5568077
#1	1643.549	777.9939	4944.494	4509.778
#2	1614.618	754.9122	4942.088	4545.430

Sample Name: CCB Acquired: 11/23/2021 20:42:13 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002841**	**.0277010**	**-.000573**	**.0013080**	**-.000025**	**.0000080**
Stddev	.0006765	.0108217	.000632	.0005197	.000017	.0000431
%RSD	238.1447	39.06614	110.3725	39.73445	68.86434	537.9470
#1	-.000194	.0353531	-.001020	.0016755	-.000037	-.000022
#2	.000762	.0200489	-.000126	.0009405	-.000013	.000038
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000174**	**.0197148**	**.0001062**	F **.0171494**	**-.000082**	**-.000403**
Stddev	.001064	.0015379	.0001161	.0025182	.000177	.000988
%RSD	609.6730	7.800808	109.3287	14.68378	215.1194	245.3706
#1	-.000927	.0186273	.0000241	.0189300	-.000208	-.001101
#2	.000578	.0208023	.0001883	.0153688	.000043	.000296
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015798**	**-.003647**	**.0008407**	**.0000955**	**.0243049**	**-.000076**
Stddev	.0002991	.115909	.0134101	.0001341	.0075947	.000019
%RSD	18.93406	3178.273	1595.108	140.3937	31.24771	24.60706
#1	.0013683	-.085607	.0103231	.0001903	.0189346	-.000063
#2	.0017913	.078313	-.008642	.0000007	.0296751	-.000089
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/23/2021 20:42:13 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000377	.0184291	.0010833	.0002591	-.000160	-.000863
Stddev	.0003818	.0027247	.0006757	.0005303	.000133	.001003
%RSD	1011.564	14.78462	62.37622	204.6629	83.40467	116.2847
#1	.0003077	.0203557	.0006055	-.000116	-.000066	-.001572
#2	-.000232	.0165024	.0015611	.000634	-.000254	-.000153
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027891	.0007720	.0000557	.0002327	.0019309	-.000178
Stddev	.0003830	.0003948	.0000067	.0000527	.0005500	.000916
%RSD	13.73216	51.14836	12.04158	22.63281	28.48589	514.4483
#1	.0030599	.0010512	.0000604	.0001955	.0023198	.000470
#2	.0025182	.0004928	.0000509	.0002699	.0015420	-.000826
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0009204
Stddev	.0004708
%RSD	51.14963
#1	.0005875
#2	.0012533
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/23/2021 20:42:13 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1817.899	784.2976	5165.132	4567.637
Stddev	9.727	4.3128	82.909	8.779
%RSD	.5350545	.5498886	1.605169	.1921959
#1	1824.776	787.3472	5223.758	4561.430
#2	1811.021	781.2480	5106.507	4573.845

Sample Name: 500-208626-a-3-a Acquired: 11/23/2021 20:45:32 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005103	95.87603	.0550992	.0352824	.6565277	.0058866	-.003524
Stddev	.0002640	1.39002	.0014506	.0001666	.0091034	.0000419	.001478
%RSD	51.73543	1.449806	2.632644	.4720710	1.386595	.7110432	41.93403
#1	.0006970	94.89314	.0540735	.0351647	.6500907	.0058570	-.004569
#2	.0003236	96.85891	.0561249	.0354002	.6629648	.0059162	-.002479
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.4337	.0014902	.4147410	.0721179	.1515171	.1813964	138.3147
Stddev	2.1824	.0000964	.0027409	.0010891	.0015030	.0007981	1.8992
%RSD	1.450736	6.472048	.6608758	1.510221	.9919542	.4399658	1.373132
#1	148.8906	.0014220	.4166792	.0713478	.1504543	.1808321	136.9717
#2	151.9769	.0015584	.4128029	.0728881	.1525798	.1819607	139.6576
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.58332	.0678094	69.22131	4.329524	.0091788	.3870464	.1570765
Stddev	.18559	.0010281	.89955	.064549	.0010981	.0071245	.0002745
%RSD	1.055483	1.516211	1.299525	1.490901	11.96371	1.840739	.1747755
#1	17.45209	.0670824	68.58523	4.283881	.0099553	.3820086	.1568824
#2	17.71455	.0685364	69.85738	4.375167	.0084023	.3920842	.1572707
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208626-a-3-a Acquired: 11/23/2021 20:45:32 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1030825	-.001477	.0060937	1.751838	.0237559	.2067962	2.114547
Stddev	.0007758	.000199	.0004644	.003159	.0005078	.0003101	.001941
%RSD	.7526275	13.49253	7.621827	.1803188	2.137620	.1499545	.0917726
#1	.1025339	-.001336	.0064221	1.754072	.0241150	.2070154	2.115920
#2	.1036311	-.001618	.0057653	1.749605	.0233968	.2065769	2.113175
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0062216	.1889421	.4148450
Stddev	.0007322	.0008464	.0025175
%RSD	11.76819	.4479670	.6068425
#1	.0067394	.1895405	.4130649
#2	.0057039	.1883436	.4166251
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1475.864	744.8575	4950.627	4544.637
Stddev	5.799	2.7188	16.139	5.818
%RSD	.3929164	.3650062	.3259983	.1280243
#1	1479.965	746.7800	4962.039	4540.523
#2	1471.764	742.9351	4939.215	4548.751

Sample Name: 500-208626-a-4-a Acquired: 11/23/2021 20:48:43 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019829**	**64.90064**	**.0505475**	**.0223474**	**.5288265**	**.0046094**	**-.006485**
Stddev	.0004011	.71869	.0008229	.0000832	.0046678	.0001042	.001000
%RSD	20.22903	1.107372	1.627942	.3723353	.8826776	2.260519	15.42752
#1	.0016993	64.39245	.0511293	.0224062	.5255259	.0045357	-.007192
#2	.0022665	65.40883	.0499656	.0222885	.5321272	.0046831	-.005777
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**76.46198**	**.0027453**	**.4024120**	**.0535946**	**.1017801**	**.1000419**	**129.7356**
Stddev	.90448	.0000355	.0014590	.0003256	.0004149	.0001149	1.3857
%RSD	1.182916	1.293617	.3625717	.6074729	.4076700	.1148204	1.068108
#1	75.82242	.0027202	.4013803	.0538248	.1020735	.1001231	128.7557
#2	77.10155	.0027704	.4034437	.0533644	.1014867	.0999606	130.7154
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.725389**	**.0719596**	**33.58406**	**4.532603**	**.0080580**	**.4283687**	**.1310564**
Stddev	.054902	.0001754	.35904	.055571	.0002267	.0069295	.0004698
%RSD	.7106729	.2437591	1.069078	1.226021	2.813596	1.617658	.3584811
#1	7.764210	.0720836	33.33018	4.493309	.0082183	.4332687	.1313886
#2	7.686567	.0718355	33.83794	4.571898	.0078977	.4234688	.1307242
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208626-a-4-a Acquired: 11/23/2021 20:48:43 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0860873	.0025455	-.001254	1.583148	.0220053	.0933640	1.023598
Stddev	.0032676	.0009266	.001217	.017150	.0001675	.0001528	.001331
%RSD	3.795682	36.40247	97.10228	1.083274	.7609450	.1636685	.1300058
#1	.0883979	.0018903	-.002114	1.595275	.0218869	.0932559	1.024539
#2	.0837768	.0032007	-.000393	1.571021	.0221237	.0934720	1.022657
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0009781	.1558734	.4332606
Stddev	.0007831	.0000678	.0008708
%RSD	80.06611	.0434780	.2009962
#1	.0004243	.1559213	.4338763
#2	.0015319	.1558255	.4326448
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1539.841	781.7192	5183.282	4610.913
Stddev	30.244	19.1300	1.276	33.177
%RSD	1.964121	2.447169	.0246247	.7195417
#1	1518.455	768.1922	5182.379	4587.453
#2	1561.227	795.2461	5184.184	4634.373

Sample Name: 500-208626-a-5-a Acquired: 11/23/2021 20:51:55 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005577**	**28.21860**	**.0432429**	**.0202252**	**.2420035**	**.0022078**	**-.007733**
Stddev	.0006861	.42460	.0003870	.0002404	.0034837	.0000013	.002188
%RSD	123.0157	1.504691	.8948811	1.188649	1.439526	.0566159	28.30149
#1	.0000726	27.91836	.0429693	.0200552	.2395402	.0022087	-.009280
#2	.0010429	28.51884	.0435165	.0203952	.2444669	.0022069	-.006185
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**135.3060**	**.0018438**	**.1762381**	**.0196646**	**.0515804**	**.0669673**	**62.49981**
Stddev	1.5670	.0001115	.0099102	.0002925	.0009682	.0004607	.81143
%RSD	1.158117	6.048766	5.623198	1.487623	1.877089	.6879581	1.298293
#1	134.1979	.0019226	.1692306	.0194577	.0508958	.0666416	61.92604
#2	136.4140	.0017649	.1832457	.0198714	.0522651	.0672931	63.07358
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.922067**	**.0259282**	**32.74071**	**1.332441**	**.0221295**	**.3098872**	**.0496051**
Stddev	.017641	.0001737	.40770	.015102	.0003575	.0026037	.0007003
%RSD	.6037000	.6699234	1.245253	1.133404	1.615459	.8402063	1.411642
#1	2.909593	.0258053	32.45242	1.321762	.0218767	.3080461	.0491100
#2	2.934540	.0260510	33.02900	1.343120	.0223823	.3117283	.0501003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208626-a-5-a Acquired: 11/23/2021 20:51:55 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0554895	.0020467	.0028547	1.891560	.0189660	.1171629	.7696108
Stddev	.0018058	.0001069	.0026245	.014302	.0011765	.0001949	.0013412
%RSD	3.254298	5.224088	91.93585	.7560866	6.203447	.1663531	.1742656
#1	.0567664	.0021223	.0009989	1.881447	.0197980	.1170251	.7705591
#2	.0542126	.0019711	.0047104	1.901673	.0181341	.1173008	.7686624
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0024267	.0736309	.2040553
Stddev	.0019183	.0012392	.0008026
%RSD	79.05010	1.682985	.3933191
#1	.0037832	.0745071	.2034878
#2	.0010703	.0727547	.2046229
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1564.759	732.5562	4844.276	4326.987
Stddev	3.289	.1950	20.131	6.727
%RSD	.2101710	.0266141	.4155581	.1554644
#1	1567.084	732.6940	4858.510	4331.743
#2	1562.433	732.4183	4830.041	4322.230

Sample Name: 500-208626-a-6-a Acquired: 11/23/2021 20:55:08 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0018160**	**71.06471**	**.0816854**	**.0293073**	**.8156016**	**.0052943**	**-.005770**
Stddev	.0000192	.94323	.0032248	.0002074	.0103857	.0001758	.002364
%RSD	1.055517	1.327285	3.947877	.7077195	1.273373	3.321455	40.96833
#1	.0018296	70.39774	.0794051	.0291607	.8082579	.0054187	-.004099
#2	.0018025	71.73167	.0839657	.0294540	.8229454	.0051700	-.007442
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**134.7364**	**.0045335**	**.4459780**	**.0724300**	**.1119648**	**.0951523**	**105.6804**
Stddev	3.2438	.0000179	.0046109	.0004366	.0016062	.0009556	2.2196
%RSD	2.407479	.3944968	1.033897	.6028240	1.434537	1.004312	2.100264
#1	132.4427	.0045461	.4427175	.0721213	.1131005	.0944766	104.1109
#2	137.0301	.0045208	.4492384	.0727388	.1108290	.0958281	107.2498
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.023286**	**.0559375**	**30.38514**	**7.625012**	**.0086601**	**.5351577**	**.1021082**
Stddev	.028288	.0004260	.24450	.141233	.0003737	.0023276	.0007231
%RSD	.4696389	.7615409	.8046775	1.852233	4.315583	.4349357	.7081817
#1	6.043289	.0562387	30.21225	7.525146	.0083958	.5335118	.1015969
#2	6.003284	.0556363	30.55803	7.724879	.0089244	.5368035	.1026195
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208626-a-6-a Acquired: 11/23/2021 20:55:08 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5678378	.0024456	.0047353	1.709680	.0219702	.1915486	1.105974
Stddev	.0003250	.0010999	.0020262	.001871	.0031068	.0000026	.001941
%RSD	.0572310	44.97324	42.79070	.1094315	14.14103	.0013675	.1755151
#1	.5680676	.0032233	.0061680	1.711003	.0241671	.1915505	1.107347
#2	.5676080	.0016679	.0033025	1.708357	.0197734	.1915468	1.104601
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0011727	.1675508	.9087258
Stddev	.0009054	.0020324	.0037461
%RSD	77.20768	1.213018	.4122342
#1	.0005325	.1689879	.9060769
#2	.0018129	.1661136	.9113747
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1528.335	771.6766	5084.510	4533.528
Stddev	.054	1.5426	23.633	16.271
%RSD	.0035046	.1998983	.4648074	.3588956
#1	1528.297	770.5858	5101.221	4522.023
#2	1528.372	772.7673	5067.799	4545.033

Sample Name: 500-208626-a-7-a Acquired: 11/23/2021 20:58:20 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016277**	**85.51682**	**.0552234**	**.0180078**	**.6578825**	**.0054556**	**-.004236**
Stddev	.0003499	.46165	.0001395	.0004561	.0042547	.0000209	.001038
%RSD	21.49360	.5398370	.2525381	2.532961	.6467227	.3833470	24.50067
#1	.0013803	85.19039	.0553220	.0176853	.6548740	.0054408	-.004970
#2	.0018751	85.84326	.0551248	.0183304	.6608910	.0054704	-.003502
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**130.7260**	**.0023887**	**.5021723**	**.0707944**	**.1141767**	**.1007947**	**121.8315**
Stddev	1.6596	.0001353	.0032236	.0001416	.0014519	.0001773	.8033
%RSD	1.269509	5.663857	.6419392	.1999588	1.271625	.1758959	.6593712
#1	129.5525	.0024844	.4998928	.0708945	.1131501	.1006693	121.2635
#2	131.8995	.0022931	.5044517	.0706943	.1152034	.1009200	122.3996
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.955514**	**.0610290**	**12.65775**	**5.694107**	**.0088194**	**.2581068**	**.0958634**
Stddev	.103179	.0006960	.04365	.071065	.0005776	.0020515	.0004455
%RSD	1.483406	1.140407	.3448238	1.248043	6.549523	.7948312	.4646994
#1	7.028472	.0615211	12.68862	5.643857	.0084110	.2595574	.0955484
#2	6.882556	.0605369	12.62689	5.744358	.0092279	.2566561	.0961784
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208626-a-7-a Acquired: 11/23/2021 20:58:20 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2539805	.0029258	.0052083	1.518605	.0218337	.1476115	1.144788
Stddev	.0005912	.0004360	.0020147	.008517	.0009339	.0003384	.001891
%RSD	.2327698	14.90342	38.68244	.5608506	4.277520	.2292322	.1652180
#1	.2543985	.0026174	.0037837	1.524628	.0224941	.1478508	1.146125
#2	.2535624	.0032341	.0066329	1.512583	.0211733	.1473723	1.143451
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0049086	.1869328	.4043305
Stddev	.0018564	.0011675	.0009102
%RSD	37.81971	.6245515	.2251132
#1	.0062212	.1877583	.4049741
#2	.0035959	.1861073	.4036869
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1529.648	766.2076	5091.425	4557.801
Stddev	8.238	5.4290	2.327	20.576
%RSD	.5385386	.7085524	.0457020	.4514383
#1	1535.472	770.0465	5089.780	4543.252
#2	1523.823	762.3688	5093.071	4572.351

Sample Name: 500-208626-a-8-a Acquired: 11/23/2021 21:01:31 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021895**	**77.67487**	**.0574370**	**.0156166**	**.4889929**	**.0048183**	**-.006737**
Stddev	.0006766	1.20139	.0019867	.0005692	.0064296	.0000702	.001491
%RSD	30.90415	1.546687	3.458876	3.644662	1.314866	1.457384	22.13152
#1	.0026679	76.82536	.0588418	.0152142	.4844465	.0048680	-.007792
#2	.0017110	78.52438	.0560322	.0160191	.4935393	.0047687	-.005683
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**152.0041**	**.0020260**	**.4657248**	**.0820008**	**.1136850**	**.0894286**	**122.6484**
Stddev	2.4717	.0000553	.0207851	.0009505	.0002107	.0001578	1.9713
%RSD	1.626054	2.731242	4.462967	1.159089	.1853095	.1764204	1.607253
#1	150.2564	.0020651	.4510275	.0813287	.1138339	.0895401	121.2545
#2	153.7518	.0019869	.4804221	.0826728	.1135360	.0893170	124.0423
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.813350**	**.0643082**	**35.89028**	**4.400931**	**.0084073**	**.7091065**	**.0924665**
Stddev	.041995	.0009224	.45467	.068235	.0003364	.0090619	.0007842
%RSD	.8724660	1.434391	1.266827	1.550466	4.001616	1.277937	.8480697
#1	4.783656	.0636559	35.56878	4.352682	.0081694	.7026988	.0919120
#2	4.843045	.0649604	36.21177	4.449181	.0086452	.7155143	.0930210
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208626-a-8-a Acquired: 11/23/2021 21:01:31 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1662683	.0053604	.0048653	1.598176	.0239295	.2149231	1.043028
Stddev	.0003336	.0011205	.0005158	.002389	.0024704	.0005678	.003703
%RSD	.2006608	20.90347	10.60197	.1494686	10.32367	.2641813	.3550106
#1	.1660324	.0061527	.0045005	1.599865	.0221827	.2145216	1.040409
#2	.1665042	.0045680	.0052300	1.596487	.0256764	.2153246	1.045646
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0044748	.1839119	.4390011
Stddev	.0011749	.0000602	.0076668
%RSD	26.25741	.0327455	1.746423
#1	.0036439	.1838694	.4335798
#2	.0053056	.1839545	.4444223
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1503.020	751.6672	5049.802	4551.762
Stddev	2.303	7.2715	.615	.844
%RSD	.1532342	.9673822	.0121770	.0185404
#1	1501.391	746.5255	5049.368	4551.165
#2	1504.648	756.8089	5050.237	4552.359

Sample Name: 500-208626-a-9-a Acquired: 11/23/2021 21:04:42 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0025629**	**74.79893**	**.0534941**	**.0151399**	**.9670052**	**.0042255**	**-.006448**
Stddev	.0007445	.40881	.0002766	.0001202	.0083720	.0002638	.000226
%RSD	29.05044	.5465396	.5171191	.7937952	.8657674	6.242208	3.504056
#1	.0020364	74.50986	.0532985	.0152248	.9610853	.0040390	-.006608
#2	.0030894	75.08800	.0536897	.0150549	.9729251	.0044121	-.006288
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**94.89486**	**.0022418**	**.5347427**	**.0813784**	**.1084165**	**.0903835**	**113.2313**
Stddev	1.30380	.0001016	.0061227	.0003998	.0019308	.0008671	1.4703
%RSD	1.373943	4.531968	1.144990	.4912340	1.780892	.9593306	1.298505
#1	93.97293	.0021700	.5304133	.0810957	.1070512	.0909967	112.1916
#2	95.81678	.0023137	.5390721	.0816611	.1097817	.0897704	114.2709
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.777835**	**.0645046**	**31.87726**	**6.463775**	**.0079459**	**.6662487**	**.0884119**
Stddev	.010528	.0001195	.19052	.080077	.0014667	.0005376	.0008349
%RSD	.2203585	.1852100	.5976606	1.238866	18.45891	.0806879	.9443770
#1	4.785280	.0645891	31.74254	6.407151	.0069088	.6658686	.0890023
#2	4.770390	.0644201	32.01198	6.520398	.0089830	.6666288	.0878215
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208626-a-9-a Acquired: 11/23/2021 21:04:42 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1630192	.0040125	.0014173	1.407114	.0231770	.1208495	1.022306
Stddev	.0015900	.0002185	.0005902	.012876	.0013521	.0003551	.000965
%RSD	.9753604	5.444386	41.64486	.9150676	5.833656	.2938819	.0944198
#1	.1618949	.0038580	.0010000	1.398009	.0222210	.1211007	1.022989
#2	.1641435	.0041670	.0018347	1.416219	.0241331	.1205984	1.021624
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0009036	.1730359	.3664285
Stddev	.0002922	.0007637	.0011373
%RSD	32.33197	.4413295	.3103715
#1	.0006970	.1735759	.3656243
#2	.0011102	.1724960	.3672326
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1536.422	757.4058	5090.337	4519.490
Stddev	5.842	4.1178	35.102	22.653
%RSD	.3802187	.5436715	.6895798	.5012345
#1	1540.553	760.3175	5065.516	4503.471
#2	1532.291	754.4941	5115.158	4535.508

Sample Name: 500-208626-a-10-a Acquired: 11/23/2021 21:07:54 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027896	94.04790	.0647509	.0191309	.6931210	.0051241	-.003576
Stddev	.0010443	1.03611	.0003348	.0003045	.0062739	.0000299	.001140
%RSD	37.43485	1.101685	.5170191	1.591638	.9051682	.5842592	31.89128
#1	.0035280	93.31525	.0649876	.0189156	.6886847	.0051030	-.002769
#2	.0020511	94.78054	.0645142	.0193462	.6975573	.0051453	-.004382
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.62806	.0018872	.4879225	.0896466	.1429017	.1074441	137.7127
Stddev	.11869	.0000738	.0131319	.0013362	.0028835	.0007589	.9436
%RSD	.4631351	3.910615	2.691396	1.490528	2.017784	.7062935	.6851676
#1	25.54414	.0019393	.4786369	.0887017	.1449406	.1069075	137.0455
#2	25.71199	.0018350	.4972082	.0905914	.1408628	.1079807	138.3799
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.651412	.0741366	13.17908	5.288953	.0084721	.3074812	.0874497
Stddev	.016007	.0005198	.12581	.044741	.0002046	.0030567	.0009096
%RSD	.2832417	.7010822	.9546486	.8459376	2.415477	.9941038	1.040182
#1	5.640093	.0737691	13.09011	5.257316	.0083274	.3053198	.0868065
#2	5.662731	.0745041	13.26804	5.320590	.0086168	.3096426	.0880930
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208626-a-10-a Acquired: 11/23/2021 21:07:54 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1873838	.0033139	.0026616	1.566109	.0240588	.0833992	1.230736
Stddev	.0020798	.0005345	.0021586	.013795	.0018547	.0001933	.001868
%RSD	1.109940	16.13009	81.10284	.8808326	7.709219	.2318100	.1517731
#1	.1859132	.0036919	.0011352	1.556355	.0227473	.0832625	1.232057
#2	.1888545	.0029359	.0041879	1.575863	.0253703	.0835359	1.229415
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0028532	.2219501	.4226881
Stddev	.0003835	.0000470	.0052871
%RSD	13.44042	.0212003	1.250831
#1	.0031243	.2219834	.4189495
#2	.0025820	.2219169	.4264266
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1597.479	769.5905	5122.254	4547.474
Stddev	10.934	3.5458	36.228	28.634
%RSD	.6844324	.4607339	.7072589	.6296576
#1	1605.210	772.0977	5147.871	4527.227
#2	1589.748	767.0833	5096.637	4567.721

Sample Name: 500-208626-a-11-a Acquired: 11/23/2021 21:11:05 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013123**	**71.08621**	**.0478210**	**.0198810**	**.6898117**	**.0055299**	**-.006487**
Stddev	.0002579	.74552	.0037388	.0003394	.0062154	.0001966	.000247
%RSD	19.65551	1.048756	7.818344	1.707236	.9010327	3.554685	3.805119
#1	.0014946	70.55905	.0504647	.0201210	.6854167	.0053909	-.006312
#2	.0011299	71.61337	.0451773	.0196410	.6942067	.0056689	-.006661
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**36.89832**	**.0016871**	**.4699963**	**.0638073**	**.0988317**	**.1006277**	**101.5369**
Stddev	.81105	.0001268	.0171611	.0002929	.0006428	.0007381	1.8763
%RSD	2.198060	7.515916	3.651326	.4589845	.6503714	.7335403	1.847940
#1	36.32482	.0015974	.4578616	.0640144	.0983772	.1001057	100.2101
#2	37.47182	.0017767	.4821311	.0636002	.0992862	.1011496	102.8637
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.543732**	**.0594056**	**10.41550**	**6.308212**	**.0078284**	**.3141520**	**.0787415**
Stddev	.004448	.0002202	.09837	.105025	.0004485	.0027953	.0009993
%RSD	.0978905	.3706060	.9444522	1.664900	5.729099	.8897971	1.269064
#1	4.546877	.0592499	10.34594	6.233948	.0075112	.3121754	.0780349
#2	4.540587	.0595613	10.48506	6.382476	.0081455	.3161286	.0794481
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208626-a-11-a Acquired: 11/23/2021 21:11:05 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1701504	.0051064	.0018006	1.896773	.0221851	.1310282	.8286652
Stddev	.0006612	.0009238	.0022547	.005129	.0014992	.0002426	.0004243
%RSD	.3885945	18.09143	125.2171	.2704102	6.757623	.1851635	.0511992
#1	.1696828	.0044532	.0002063	1.893146	.0211250	.1308567	.8289652
#2	.1706179	.0057597	.0033949	1.900400	.0232452	.1311998	.8283652
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0026504	.1670627	.4663538
Stddev	.0002422	.0006578	.0000272
%RSD	9.136190	.3937477	.0058317
#1	.0024792	.1675279	.4663346
#2	.0028216	.1665976	.4663730
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1602.193	784.8006	5239.527	4611.924
Stddev	8.773	4.6813	22.571	39.536
%RSD	.5475842	.5964911	.4307891	.8572608
#1	1595.989	781.4904	5255.488	4583.968
#2	1608.397	788.1107	5223.567	4639.880

Sample Name: 500-208626-a-12-a Acquired: 11/23/2021 21:14:16 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022517**	**97.63247**	**.0598039**	**.0186539**	**.6564512**	**.0065215**	**-.003545**
Stddev	.0001068	.78322	.0019720	.0002655	.0055813	.0000959	.000112
%RSD	4.744548	.8022119	3.297361	1.423322	.8502233	1.470840	3.147132
#1	.0023273	97.07865	.0584095	.0184661	.6525047	.0064537	-.003466
#2	.0021762	98.18628	.0611983	.0188416	.6603978	.0065893	-.003624
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**47.34117**	**.0027352**	**.5630977**	**.0858160**	**.1609132**	**.1150452**	**144.6200**
Stddev	1.10114	.0000026	.0068019	.0001702	.0001193	.0001464	2.2581
%RSD	2.325973	.0944457	1.207936	.1983292	.0741072	.1272819	1.561408
#1	46.56255	.0027370	.5582881	.0856957	.1609975	.1151488	143.0233
#2	48.11980	.0027333	.5679074	.0859364	.1608288	.1149417	146.2167
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.439073**	**.0738868**	**14.11750**	**6.281183**	**.0114492**	**.2953079**	**.1205543**
Stddev	.022901	.0002849	.09252	.100470	.0002459	.0015942	.0003933
%RSD	.2713720	.3855828	.6553225	1.599537	2.148010	.5398386	.3262401
#1	8.455267	.0740882	14.05209	6.210140	.0112753	.2964352	.1202762
#2	8.422880	.0736853	14.18292	6.352226	.0116231	.2941807	.1208324
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208626-a-12-a Acquired: 11/23/2021 21:14:16 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2017319	.0057866	.0040236	1.595591	.0242927	.0982881	1.151827
Stddev	.0012935	.0007049	.0008252	.005061	.0003623	.0000015	.001332
%RSD	.6411713	12.18093	20.50980	.3171853	1.491549	.0015425	.1156259
#1	.2008173	.0052882	.0046071	1.592013	.0240365	.0982870	1.152769
#2	.2026465	.0062850	.0034401	1.599170	.0245489	.0982892	1.150885
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0004142	.2283341	.6172110
Stddev	.0019886	.0000102	.0007085
%RSD	480.1715	.0044702	.1147988
#1	-.000992	.2283269	.6177120
#2	.001820	.2283413	.6167100
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1571.139	811.0136	5382.493	4796.555
Stddev	8.470	8.5698	4.860	36.869
%RSD	.5390892	1.056680	.0902939	.7686526
#1	1577.128	817.0734	5379.057	4770.485
#2	1565.150	804.9539	5385.930	4822.626

Sample Name: CCV Acquired: 11/23/2021 21:17:27 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4671754**	**48.47528**	**.5058989**	**.5062974**	**.4853838**	**.4955940**
Stddev	.0032975	.81043	.0010689	.0032542	.0079873	.0083213
%RSD	.7058463	1.671845	.2112866	.6427468	1.645563	1.679052
#1	.4695071	47.90221	.5051431	.5085985	.4797359	.4897100
#2	.4648437	49.04834	.5066547	.5039963	.4910317	.5014781
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5095424**	**24.05036**	**.5048596**	F **.1024447**	**.5149672**	**.4575627**
Stddev	.0034499	.23099	.0000008	.0021577	.0008597	.0030967
%RSD	.6770684	.9604373	.0001659	2.106186	.1669373	.6767905
#1	.5119818	23.88702	.5048602	.1009190	.5155751	.4597524
#2	.5071029	24.21369	.5048590	.1039704	.5143593	.4553729
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5063145**	**24.77752**	**50.21327**	**3.836386**	**24.77488**	**4.810353**
Stddev	.0031126	.32377	.64278	.063197	.44783	.061322
%RSD	.6147603	1.306713	1.280109	1.647312	1.807605	1.274798
#1	.5041135	24.54858	49.75876	3.791699	24.45822	4.766992
#2	.5085154	25.00646	50.66779	3.881073	25.09155	4.853715
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/23/2021 21:17:27 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4876164**	**25.25955**	**.5076910**	**.5113154**	**.4885139**	**.4988385**
Stddev	.0003124	.37598	.0011410	.0002627	.0001338	.0025937
%RSD	.0640726	1.488455	.2247480	.0513773	.0273862	.5199523
#1	.4873955	24.99370	.5084978	.5111296	.4886085	.5006726
#2	.4878373	25.52541	.5068842	.5115011	.4884193	.4970045
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.3822403**	**.5174263**	**.4868948**	**.4829892**	**.5092866**	**4.754556**
Stddev	.0020890	.0022178	.0004967	.0003627	.0032938	.028080
%RSD	.5465193	.4286265	.1020157	.0750915	.6467439	.5905992
#1	.3837175	.5158580	.4865435	.4827327	.5116157	4.774411
#2	.3807632	.5189945	.4872460	.4832456	.5069576	4.734700
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	**.5104578**
Stddev	.0010216
%RSD	.2001268
#1	.5111802
#2	.5097355
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/23/2021 21:17:27 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1634.651	769.0103	4911.784	4553.988
Stddev	7.584	1.6326	33.868	18.720
%RSD	.4639702	.2122925	.6895169	.4110687
#1	1629.288	767.8559	4935.732	4567.225
#2	1640.014	770.1647	4887.836	4540.751

Sample Name: CCB Acquired: 11/23/2021 21:20:35 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002105**	**.0188412**	**.0000136**	**.0007212**	**.0000077**	**.0000314**
Stddev	.0008699	.0016500	.0012305	.0002644	.0000813	.0000193
%RSD	413.2643	8.757182	9060.793	36.66361	1056.644	61.42764
#1	-.000405	.0200079	.0008837	.0009082	.0000652	.0000451
#2	.000826	.0176745	-.000857	.0005343	-.000050	.0000178
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004268**	**-.005280**	**-.000071**	F **.0106993**	**-.000138**	**-.000961**
Stddev	.0017176	.001122	.000091	.0012203	.000459	.000294
%RSD	402.3840	21.25941	127.4309	11.40556	331.4272	30.62361
#1	-.000788	-.004486	-.000007	.0098364	.000186	-.000753
#2	.001641	-.006073	-.000135	.0115622	-.000463	-.001169
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012242**	**-.085452**	**.0073321**	**-.000031**	**.0271435**	**.0000954**
Stddev	.0000434	.019261	.0025691	.000130	.0009503	.0003237
%RSD	3.548738	22.54058	35.03901	423.3813	3.501096	339.4102
#1	.0012550	-.099072	.0055155	-.000122	.0264716	.0003243
#2	.0011935	-.071832	.0091487	.000061	.0278155	-.000134
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/23/2021 21:20:35 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003185	.0053305	.0004838	-.000901	-.000616	.0018775
Stddev	.0003290	.0016404	.0002755	.001500	.002851	.0005023
%RSD	103.3122	30.77281	56.95278	166.3958	462.8979	26.75323
#1	.0000858	.0041706	.0002890	.000159	.001400	.0022327
#2	.0005511	.0064904	.0006786	-.001961	-.002632	.0015223
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011513	-.002185	.0000234	.0001489	.0009971	.0002624
Stddev	.0003068	.001236	.0000023	.0000757	.0004179	.0000378
%RSD	26.64419	56.58217	9.958912	50.88447	41.91292	14.42283
#1	.0013682	-.003059	.0000217	.0002024	.0012927	.0002892
#2	.0009344	-.001311	.0000250	.0000953	.0007016	.0002357
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.0000575
Stddev	.0003416
%RSD	594.2901
#1	.0002990
#2	-.000184
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/23/2021 21:20:35 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.610	787.4956	5223.944	4632.301
Stddev	17.847	5.6432	21.472	5.192
%RSD	.9802568	.7166044	.4110239	.1120861
#1	1833.230	791.4860	5239.126	4628.630
#2	1807.991	783.5053	5208.761	4635.973

Sample Name: 500-208299-c-1-b Acquired: 11/23/2021 21:23:55 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027337	67.38407	.0588797	.0424859	.5173019	.0071482	-.004680
Stddev	.0006224	1.37354	.0047988	.0009752	.0079896	.0001549	.002235
%RSD	22.76841	2.038379	8.150190	2.295309	1.544467	2.166668	47.76273
#1	.0022936	66.41283	.0554865	.0417963	.5116525	.0072577	-.003100
#2	.0031738	68.35531	.0622730	.0431754	.5229514	.0070387	-.006261
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	201.1848	.0040839	.3529901	.0651425	.1356249	.4006130	129.9703
Stddev	2.9400	.0002700	.0021009	.0003715	.0015090	.0010490	1.9287
%RSD	1.461333	6.612636	.5951844	.5702558	1.112623	.2618584	1.483980
#1	199.1059	.0038930	.3515045	.0648799	.1366919	.4013548	128.6064
#2	203.2636	.0042749	.3544757	.0654052	.1345579	.3998713	131.3341
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.350496	.0841924	114.3174	3.751510	.0122309	1.911233	.1810259
Stddev	.209063	.0026016	1.9759	.054697	.0013131	.055965	.0019629
%RSD	2.844198	3.090086	1.728442	1.457996	10.73564	2.928214	1.084304
#1	7.202667	.0823528	112.9202	3.712834	.0113024	1.871660	.1796379
#2	7.498326	.0860321	115.7146	3.790187	.0131594	1.950806	.1824138
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208299-c-1-b Acquired: 11/23/2021 21:23:55 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**27.06875**	**.2047313**	**.0012830**	**1.560454**	**.0463744**	**.3231015**	**2.054901**
Stddev	.35915	.0039201	.0045921	.012465	.0007082	.0003401	.004042
%RSD	1.326825	1.914766	357.9217	.7988031	1.527155	.1052603	.1966796
#1	26.81479	.2019594	-.001964	1.551640	.0458736	.3233419	2.052043
#2	27.32271	.2075032	.004530	1.569268	.0468751	.3228610	2.057759
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**.0076301**	**.1972838**	**1.515335**
Stddev	.0026542	.0001814	.025778
%RSD	34.78603	.0919408	1.701136
#1	.0095069	.1971555	1.497108
#2	.0057533	.1974120	1.533563
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1451.687**	**743.8555**	**4992.201**	**4503.106**
Stddev	6.908	1.8611	9.991	18.884
%RSD	.4758446	.2501931	.2001391	.4193601
#1	1456.571	745.1714	4985.136	4516.459
#2	1446.802	742.5395	4999.266	4489.752

Sample Name: 500-208563-f-1-i Acquired: 11/23/2021 21:27:06 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048990	168.2517	.0931560	.0701109	1.226092	.0118285	.0000198
Stddev	.0002471	1.7743	.0015021	.0003742	.010071	.0004880	.0014676
%RSD	5.043852	1.054542	1.612434	.5337645	.8214190	4.125243	7395.727
#1	.0047243	166.9971	.0942181	.0703756	1.218970	.0121735	-.001018
#2	.0050738	169.5063	.0920939	.0698463	1.233213	.0114834	.001058
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	437.7327	.0033511	.8996899	.1323736	.2337076	.3428550	253.9992
Stddev	9.4469	.0001810	.0159314	.0006722	.0010660	.0011034	4.6655
%RSD	2.158139	5.401007	1.770770	.5078014	.4561404	.3218244	1.836817
#1	431.0528	.0032231	.8884246	.1318983	.2344614	.3420748	250.7002
#2	444.4127	.0034790	.9109551	.1328489	.2329538	.3436353	257.2982
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.82124	.1933501	212.8060	6.891407	.0213292	2.610352	.3381585
Stddev	.17918	.0010541	2.1339	.118627	.0009528	.018340	.0028860
%RSD	.9519891	.5451717	1.002741	1.721377	4.467339	.7026045	.8534552
#1	18.69454	.1926047	211.2971	6.807524	.0206554	2.597384	.3361177
#2	18.94793	.1940954	214.3149	6.975289	.0220029	2.623321	.3401992
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208563-f-1-i Acquired: 11/23/2021 21:27:06 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3539554	.0047813	.0040305	2.136148	.0480277	.3436708	1.657528
Stddev	.0046942	.0007912	.0027728	.008211	.0009564	.0000008	.001502
%RSD	1.326225	16.54874	68.79574	.3843702	1.991285	.0002289	.0906197
#1	.3506360	.0042218	.0059912	2.130342	.0487039	.3436703	1.656466
#2	.3572747	.0053408	.0020698	2.141954	.0473514	.3436714	1.658590
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0101850	.3406318	.9611456
Stddev	.0062461	.0024175	.0070059
%RSD	61.32597	.7097003	.7289069
#1	.0057684	.3423412	.9561917
#2	.0146016	.3389223	.9660994
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1303.731	802.3467	5401.716	4913.056
Stddev	6.442	7.4793	10.620	21.749
%RSD	.4940934	.9321797	.1966078	.4426796
#1	1299.176	797.0580	5409.226	4897.677
#2	1308.286	807.6353	5394.206	4928.435

Sample Name: mb 500-630434/1-a Acquired: 11/23/2021 21:30:37 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003628	.0346409	-.001644	-.000081	.0001542	-.000145	-.007353
Stddev	.0000154	.0006444	.002022	.000223	.0000321	.000153	.000202
%RSD	4.246647	1.860285	123.0117	276.9206	20.82138	105.5911	2.745645
#1	.0003737	.0341853	-.000214	.000077	.0001769	-.000253	-.007496
#2	.0003519	.0350966	-.003073	-.000238	.0001315	-.000037	-.007210
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0405028	.0003110	.0089219	-.000342	.0054418	.0024574	.1319728
Stddev	.0068487	.0001532	.0014610	.000214	.0007916	.0001696	.0058126
%RSD	16.90932	49.27897	16.37505	62.71624	14.54698	6.900459	4.404400
#1	.0453456	.0004193	.0078888	-.000190	.0060015	.0025774	.1278626
#2	.0356600	.0002026	.0099549	-.000493	.0048820	.0023375	.1360829
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0276080	-.000035	.0311878	.0010662	.0005510	.0662585	-.000033
Stddev	.0018287	.000055	.0061691	.0001698	.0001878	.0037920	.000843
%RSD	6.623928	157.3943	19.78054	15.92262	34.08829	5.723082	2535.072
#1	.0263149	-.000074	.0355500	.0009461	.0004182	.0635772	-.000629
#2	.0289011	.000004	.0268256	.0011862	.0006838	.0689399	.000563
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: mb 500-630434/1-a Acquired: 11/23/2021 21:30:37 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002404**	**.0015719**	**-.001131**	**.0121908**	**.0153592**	**.0000824**	**.0009970**
Stddev	.002104	.0015663	.000801	.0001364	.0009072	.0000021	.0003014
%RSD	87.53523	99.63860	70.76832	1.119168	5.906783	2.528742	30.23441
#1	-.000916	.0004644	-.001697	.0120943	.0147176	.0000839	.0012102
#2	-.003892	.0026795	-.000565	.0122873	.0160007	.0000809	.0007839
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	**-.000399**	**.0001417**	**.0051872**
Stddev	.000584	.0001753	.0001722
%RSD	146.3231	123.7215	3.318633
#1	.000014	.0002657	.0050655
#2	-.000812	.0000177	.0053090
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1757.821**	**749.5523**	**5099.638**	**4406.173**
Stddev	.386	2.7809	27.184	1.362
%RSD	.0219386	.3710091	.5330618	.0309221
#1	1758.094	751.5187	5118.860	4405.210
#2	1757.548	747.5859	5080.416	4407.137

Sample Name: Ics 500-630434/2-a Acquired: 11/23/2021 21:33:58 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0417333**	**1.856250**	**.0891679**	**.8167762**	**1.893253**	**.0445079**	**.4219189**
Stddev	.0000553	.020947	.0005834	.0074423	.016111	.0003777	.0007389
%RSD	.1326151	1.128476	.6542574	.9111801	.8509551	.8485851	.1751335
#1	.0417724	1.841438	.0887554	.8115138	1.881860	.0442408	.4213964
#2	.0416941	1.871062	.0895804	.8220388	1.904645	.0447749	.4224414
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.379773**	**.0449767**	**.0532975**	**.4510517**	**.1801299**	**.2392187**	**1.037200**
Stddev	.100246	.0002036	.0015594	.0020660	.0003450	.0005617	.073506
%RSD	1.196289	.4526437	2.925883	.4580525	.1915399	.2348025	7.086951
#1	8.308888	.0448327	.0521948	.4495907	.1803739	.2396158	.985224
#2	8.450658	.0451206	.0544002	.4525126	.1798859	.2388215	1.089177
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.42929**	**.5114832**	**9.265140**	**.4414720**	**.9770620**	**10.58158**	**.4566034**
Stddev	.01077	.0004579	.145573	.0060516	.0085328	.00429	.0018521
%RSD	.1033057	.0895214	1.571195	1.370773	.8733067	.0405024	.4056249
#1	10.43691	.5111594	9.162204	.4371929	.9710285	10.57855	.4552938
#2	10.42167	.5118070	9.368076	.4457511	.9830956	10.58461	.4579130
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: lcs 500-630434/2-a Acquired: 11/23/2021 21:33:58 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0852171	.4788893	.0803050	2.366424	.9193907	.9006683	.9214539
Stddev	.0002448	.0050187	.0030978	.018839	.0063826	.0085332	.0034706
%RSD	.2872812	1.047979	3.857504	.7960832	.6942161	.9474276	.3766440
#1	.0850440	.4753406	.0781146	2.353103	.9148775	.9067022	.9239080
#2	.0853902	.4824380	.0824955	2.379745	.9239038	.8946344	.9189998
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0878829	.4498867	.4369193
Stddev	.0002433	.0013963	.0003552
%RSD	.2768275	.3103681	.0812936
#1	.0877109	.4508740	.4366682
#2	.0880549	.4488993	.4371705
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1660.433	725.8889	4888.461	4314.611
Stddev	7.788	6.4574	40.221	23.387
%RSD	.4690239	.8895799	.8227761	.5420344
#1	1665.940	730.4549	4860.020	4298.074
#2	1654.926	721.3229	4916.902	4331.148

Sample Name: 500-208452-f-1-e Acquired: 11/23/2021 21:37:15 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0062065**	**187.7362**	**.1040800**	**.0159572**	**1.465144**	**.0143783**	**.0055467**
Stddev	.0001265	2.2029	.0072458	.0006407	.012157	.0000458	.0004753
%RSD	2.037622	1.173406	6.961736	4.014873	.8297483	.3185517	8.569718
#1	.0062960	186.1785	.0989565	.0164103	1.456548	.0144107	.0052106
#2	.0061171	189.2939	.1092035	.0155042	1.473740	.0143459	.0058828
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**48.38818**	**.0011005**	**1.079778**	**.1321671**	**.2588770**	**.1473777**	**302.4562**
Stddev	.48157	.0000282	.020488	.0008741	.0012897	.0014354	3.5315
%RSD	.9952124	2.565973	1.897402	.6613753	.4982041	.9739883	1.167605
#1	48.04767	.0011204	1.065291	.1315490	.2579650	.1483927	299.9591
#2	48.72870	.0010805	1.094265	.1327852	.2597890	.1463627	304.9534
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.821103**	**.1425705**	**32.46972**	**6.325455**	**.0075878**	**6.554895**	**.2974457**
Stddev	.125496	.0013265	.36083	.068609	.0003446	.068752	.0022328
%RSD	1.277822	.9303828	1.111268	1.084654	4.541098	1.048862	.7506560
#1	9.732364	.1416326	32.21458	6.276941	.0078314	6.506280	.2958669
#2	9.909842	.1435085	32.72487	6.373969	.0073441	6.603510	.2990245
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208452-f-1-e Acquired: 11/23/2021 21:37:15 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3023528	.0083265	.0019621	1.964935	.0336166	.2331377	1.409543
Stddev	.0033265	.0011523	.0030192	.005129	.0024836	.0000632	.000684
%RSD	1.100214	13.83900	153.8798	.2610135	7.388016	.0271149	.0484991
#1	.3000006	.0091413	.0040970	1.968562	.0318604	.2331824	1.409059
#2	.3047050	.0075117	-.000173	1.961308	.0353727	.2330930	1.410026
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0054570	.4394389	.6422505
Stddev	.0022519	.0011736	.0055206
%RSD	41.26630	.2670634	.8595704
#1	.0038647	.4386090	.6383469
#2	.0070494	.4402687	.6461542
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1478.298	856.1393	5685.400	5132.202
Stddev	4.421	7.9421	20.374	12.007
%RSD	.2990330	.9276625	.3583574	.2339628
#1	1475.173	850.5234	5670.993	5123.712
#2	1481.424	861.7552	5699.807	5140.693

Sample Name: 500-208452-f-1-eSD@5 Acquired: 11/23/2021 21:40:26 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009133	49.72869	.0276299	.0052534	.3934331	.0039111	.0003946
Stddev	.0000048	.56553	.0031636	.0005367	.0039214	.0001571	.0016753
%RSD	.5229591	1.137241	11.45007	10.21618	.9967151	4.015492	424.5681
#1	.0009099	49.32880	.0298669	.0056329	.3906603	.0038000	-.000790
#2	.0009167	50.12859	.0253929	.0048739	.3962060	.0040221	.001579
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.49923	-.000033	.2697200	.0306352	.0733558	.0394213	83.97262
Stddev	.18703	.000075	.0071016	.0004490	.0007954	.0002651	1.48944
%RSD	1.385452	229.1860	2.632957	1.465651	1.084277	.6725007	1.773719
#1	13.36698	.000020	.2747416	.0309527	.0739182	.0396088	82.91943
#2	13.63147	-.000085	.2646984	.0303177	.0727934	.0392339	85.02581
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.616419	.0373093	9.281159	1.762150	.0020882	1.758475	.0717252
Stddev	.002336	.0001401	.110980	.025511	.0005497	.002652	.0000601
%RSD	.0892747	.3755259	1.195758	1.447697	26.32508	.1508313	.0837193
#1	2.618071	.0372103	9.202684	1.744111	.0024770	1.756600	.0717677
#2	2.614767	.0374084	9.359633	1.780188	.0016995	1.760351	.0716828
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208452-f-1-eSD@5 Acquired: 11/23/2021 21:40:26 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0748765	.0002556	.0047764	.5303233	.0055518	.0645283	.3972504
Stddev	.0024931	.0001394	.0004460	.0112492	.0032012	.0002366	.0012112
%RSD	3.329564	54.55425	9.337243	2.121197	57.66048	.3666738	.3048972
#1	.0766394	.0003542	.0044611	.5382777	.0032882	.0646956	.3963940
#2	.0731137	.0001570	.0050918	.5223690	.0078154	.0643610	.3981069
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0027226	.1244046	.1548014
Stddev	.0025048	.0008152	.0022461
%RSD	91.99976	.6552982	1.450961
#1	.0009514	.1238282	.1563896
#2	.0044937	.1249811	.1532132
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1698.185	811.0470	5296.473	4798.547
Stddev	5.238	2.6995	4.850	13.223
%RSD	.3084649	.3328407	.0915646	.2755592
#1	1701.889	812.9558	5299.902	4789.197
#2	1694.481	809.1382	5293.044	4807.897

Sample Name: 500-208452-f-1-f du Acquired: 11/23/2021 21:43:41 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061136	195.9180	.1129275	.0150970	1.874287	.0171445	.0070971
Stddev	.0008178	2.5966	.0002451	.0000770	.018114	.0001005	.0022813
%RSD	13.37734	1.325373	.2170764	.5103222	.9664734	.5863503	32.14451
#1	.0055353	194.0819	.1131008	.0150425	1.861478	.0170734	.0054840
#2	.0066919	197.7541	.1127541	.0151515	1.887096	.0172156	.0087103
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.53897	.0008004	1.134458	.1825890	.2892896	.1609401	362.6119
Stddev	.09662	.0000199	.018564	.0002805	.0010106	.0010582	2.6285
%RSD	.3271073	2.485811	1.636403	.1536476	.3493490	.6574896	.7248801
#1	29.47064	.0008144	1.121331	.1827874	.2900042	.1601919	360.7532
#2	29.60729	.0007863	1.147585	.1823906	.2885749	.1616883	364.4705
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.627395	.1480904	30.99765	8.709085	.0083213	6.936066	.3010520
Stddev	.086292	.0019122	.29698	.053486	.0010514	.078954	.0030964
%RSD	.8963166	1.291266	.9580635	.6141412	12.63557	1.138315	1.028532
#1	9.566377	.1467382	30.78766	8.671264	.0075778	6.880237	.2988625
#2	9.688412	.1494426	31.20765	8.746905	.0090647	6.991895	.3032415
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208452-f-1-f du Acquired: 11/23/2021 21:43:41 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3210927	.0051482	.0035925	2.029299	.0332354	.2257346	1.630974
Stddev	.0011860	.0001488	.0013190	.004924	.0012520	.0006617	.006844
%RSD	.3693622	2.891223	36.71599	.2426254	3.767068	.2931485	.4196247
#1	.3202540	.0052534	.0045252	2.025817	.0323501	.2252667	1.626135
#2	.3219313	.0050429	.0026598	2.032780	.0341207	.2262026	1.635813
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0082872	.4714819	.6360320
Stddev	.0051648	.0005869	.0007610
%RSD	62.32188	.1244784	.1196469
#1	.0046352	.4718969	.6354939
#2	.0119393	.4710669	.6365701
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1481.081	864.5579	5773.824	5133.861
Stddev	1.707	.9555	36.377	17.821
%RSD	.1152417	.1105230	.6300409	.3471277
#1	1479.874	863.8822	5799.547	5121.259
#2	1482.288	865.2335	5748.101	5146.462

Sample Name: 500-208452-f-1-g ms Acquired: 11/23/2021 21:46:53 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0444672**	**285.1363**	**.1951812**	**.5788834**	**4.219925**	**.0581598**	**.4983674**
Stddev	.0002370	1.7765	.0023400	.0037997	.047280	.0001470	.0035910
%RSD	.5329606	.6230256	1.198883	.6563788	1.120392	.2527199	.7205566
#1	.0446348	283.8802	.1935266	.5761966	4.186493	.0582637	.4958282
#2	.0442997	286.3925	.1968358	.5815702	4.253357	.0580558	.5009067
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**34.94110**	**.0398228**	**1.511772**	**.8117576**	**.4528977**	**.3861381**	**346.5013**
Stddev	.33665	.0000925	.021615	.0015646	.0004372	.0022614	2.7655
%RSD	.9634839	.2322535	1.429760	.1927427	.0965438	.5856319	.7981076
#1	34.70305	.0397574	1.496488	.8128639	.4525886	.3877371	344.5458
#2	35.17914	.0398882	1.527056	.8106512	.4532069	.3845391	348.4568
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.84047**	**.6296488**	**43.61267**	**19.80035**	**.7532073**	**15.87076**	**.8000996**
Stddev	.17694	.0051393	.12254	.13628	.0049358	.12306	.0005292
%RSD	.7421715	.8162147	.2809720	.6882563	.6552988	.7754189	.0661406
#1	23.96559	.6332828	43.52602	19.70398	.7497172	15.95778	.7997254
#2	23.71536	.6260147	43.69932	19.89671	.7566974	15.78374	.8004738
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208452-f-1-g ms Acquired: 11/23/2021 21:46:53 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5188297	.1265483	.0672781	2.209443	.8808845	1.018084	2.658209
Stddev	.0039874	.0016803	.0008101	.017425	.0021201	.005338	.001050
%RSD	.7685356	1.327751	1.204095	.7886820	.2406732	.5243410	.0394914
#1	.5160102	.1253602	.0678509	2.197121	.8823836	1.014309	2.657467
#2	.5216492	.1277365	.0667053	2.221764	.8793854	1.021859	2.658951
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0887406	.9582528	1.135458
Stddev	.0003297	.0018633	.006448
%RSD	.3715598	.1944510	.5678595
#1	.0889737	.9569352	1.140017
#2	.0885074	.9595704	1.130899
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1427.161	842.6654	5677.707	5089.945
Stddev	13.037	11.7771	32.343	27.253
%RSD	.9134806	1.397599	.5696544	.5354195
#1	1436.380	850.9931	5654.837	5070.675
#2	1417.943	834.3377	5700.578	5109.215

Sample Name: 500-208452-f-1-h msd Acquired: 11/23/2021 21:50:30 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0436064**	**290.5712**	**.1770407**	**.6161054**	**3.588637**	**.0556052**
Stddev	.0001421	.4827	.0024607	.0031897	.001980	.0002615
%RSD	.3258962	.1661320	1.389910	.5177260	.0551783	.4702571
#1	.0435059	290.2299	.1753008	.6138499	3.587237	.0554203
#2	.0437069	290.9126	.1787807	.6183609	3.590037	.0557901
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4943427**	**43.67494**	**.0397417**	**1.194566**	**.6490438**	**.4480343**
Stddev	.0041871	.45326	.0005599	.002150	.0034396	.0004699
%RSD	.8470059	1.037801	1.408861	.1799642	.5299448	.1048876
#1	.4913820	43.35443	.0393458	1.193046	.6466116	.4477020
#2	.4973034	43.99544	.0401376	1.196086	.6514759	.4483666
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3835348**	**333.1794**	**25.17144**	**.6254771**	**47.00203**	**6.964812**
Stddev	.0012640	2.6338	.46301	.0106490	.06358	.049778
%RSD	.3295549	.7905148	1.839418	1.702543	.1352745	.7147114
#1	.3844285	331.3170	25.49884	.6330071	46.95707	6.929614
#2	.3826410	335.0418	24.84405	.6179472	47.04699	7.000011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208452-f-1-h msd Acquired: 11/23/2021 21:50:30 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7506455**	**15.80732**	**.7929129**	**.4083278**	**.1084265**	**.0714832**
Stddev	.0013734	.25904	.0008417	.0029288	.0037486	.0030453
%RSD	.1829616	1.638718	.1061568	.7172609	3.457273	4.260176
#1	.7496744	15.99049	.7935081	.4103988	.1057759	.0693299
#2	.7516167	15.62415	.7923177	.4062569	.1110772	.0736366
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.747694**	**.9028761**	**1.024422**	F **3.017605**	**.0879761**	**.9160124**
Stddev	.012378	.0032894	.001767	.005965	.0049284	.0040421
%RSD	.4504961	.3643223	.1725145	.1976745	5.602022	.4412661
#1	2.738941	.9005502	1.023172	3.021823	.0914611	.9188705
#2	2.756446	.9052021	1.025672	3.013387	.0844912	.9131542
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				3.000000		
Low Limit				-.005000		

Elem	Zn2062
Units	ppm
Avg	**1.202627**
Stddev	.002453
%RSD	.2039338
#1	1.200893
#2	1.204361
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208452-f-1-h msd Acquired: 11/23/2021 21:50:30 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1441.099	854.8955	5639.252	5056.776
Stddev	1.375	1.4654	22.790	59.377
%RSD	.0953954	.1714174	.4041380	1.174212
#1	1442.071	855.9318	5623.137	5014.790
#2	1440.127	853.8593	5655.368	5098.762

Sample Name: 500-208452-f-2-g Acquired: 11/23/2021 21:53:43 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069840	187.7876	.1252198	.0163255	1.966896	.0156867	.0060255
Stddev	.0008309	2.6954	.0064215	.0000249	.024801	.0001045	.0020266
%RSD	11.89726	1.435327	5.128183	.1525524	1.260941	.6658708	33.63426
#1	.0063964	185.8817	.1206791	.0163431	1.949359	.0157606	.0074585
#2	.0075715	189.6935	.1297605	.0163079	1.984433	.0156129	.0045924
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.22051	.0009346	1.152492	.1501951	.2674610	.1699024	329.5533
Stddev	.32736	.0000144	.026814	.0001290	.0016735	.0008288	4.3818
%RSD	1.351566	1.545413	2.326645	.0858912	.6257025	.4878185	1.329610
#1	23.98903	.0009244	1.133531	.1502863	.2662777	.1704885	326.4549
#2	24.45198	.0009448	1.171453	.1501039	.2686444	.1693164	332.6517
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.275168	.1317714	28.83760	9.365665	.0107794	6.187665	.2782074
Stddev	.101135	.0018343	.36591	.137551	.0002745	.083019	.0008963
%RSD	1.090387	1.392045	1.268862	1.468676	2.546178	1.341688	.3221622
#1	9.203655	.1304744	28.57887	9.268401	.0109735	6.128962	.2788412
#2	9.346682	.1330685	29.09634	9.462928	.0105853	6.246369	.2775737
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208452-f-2-g Acquired: 11/23/2021 21:53:43 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3337490	.0072585	.0066544	1.984783	.0325707	.2426057	1.780968
Stddev	.0007516	.0002828	.0026670	.014752	.0034027	.0002842	.005812
%RSD	.2251863	3.895858	40.07818	.7432413	10.44707	.1171247	.3263655
#1	.3332176	.0070585	.0085402	1.974352	.0349767	.2428066	1.776858
#2	.3342805	.0074584	.0047686	1.995214	.0301646	.2424047	1.785078
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0097890	.4989188	.6356626
Stddev	.0062618	.0027993	.0030524
%RSD	63.96793	.5610833	.4801944
#1	.0142167	.4969394	.6335042
#2	.0053612	.5008983	.6378210
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1500.924	895.5339	5911.542	5238.820
Stddev	6.859	6.8409	35.517	7.827
%RSD	.4570137	.7638863	.6008073	.1494110
#1	1505.775	900.3712	5886.428	5233.286
#2	1496.074	890.6967	5936.656	5244.355

Sample Name: CCV Acquired: 11/23/2021 21:56:55 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4651420**	**47.96120**	**.5066333**	**.5115199**	**.4802724**	**.4935819**
Stddev	.0004187	.56696	.0056669	.0051634	.0035161	.0050377
%RSD	.0900152	1.182123	1.118542	1.009423	.7321142	1.020633
#1	.4654380	47.56030	.5026262	.5078688	.4777862	.4900198
#2	.4648459	48.36210	.5106404	.5151710	.4827587	.4971441
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5124053**	**23.90247**	**.5093418**	F **.1033179**	**.5196276**	**.4561744**
Stddev	.0055862	.30223	.0039413	.0055093	.0064355	.0062732
%RSD	1.090199	1.264439	.7737970	5.332372	1.238482	1.375168
#1	.5084552	23.68876	.5065549	.1072136	.5150770	.4517386
#2	.5163554	24.11618	.5121286	.0994223	.5241782	.4606102
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5026204**	**24.81336**	**49.35570**	**3.767828**	**24.51987**	**4.777196**
Stddev	.0039908	.42508	.25484	.029923	.27371	.049793
%RSD	.7940059	1.713095	.5163307	.7941666	1.116291	1.042302
#1	.5054423	24.51278	49.17550	3.746669	24.32633	4.741988
#2	.4997984	25.11393	49.53590	3.788987	24.71342	4.812405
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/23/2021 21:56:55 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4903652	24.82819	.5106882	.5158093	.4902376	.5045439
Stddev	.0036773	.14761	.0040563	.0031348	.0020194	.0021992
%RSD	.7499024	.5945204	.7942780	.6077500	.4119323	.4358810
#1	.4877650	24.72381	.5078200	.5135926	.4888096	.5029889
#2	.4929654	24.93256	.5135565	.5180259	.4916655	.5060990
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .3904568	.5218312	.4837549	.4802985	.5167437	4.747160
Stddev	.0038777	.0018063	.0012555	.0019468	.0029024	.006106
%RSD	.9931271	.3461420	.2595291	.4053260	.5616717	.1286144
#1	.3877148	.5205539	.4846426	.4789219	.5146913	4.742843
#2	.3931987	.5231084	.4828671	.4816750	.5187960	4.751477
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	.5157560
Stddev	.0040440
%RSD	.7840980
#1	.5128964
#2	.5186155
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/23/2021 21:56:55 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1629.240	766.4319	4951.451	4606.389
Stddev	5.810	2.7295	28.726	1.266
%RSD	.3565850	.3561293	.5801450	.0274806
#1	1633.348	768.3619	4931.139	4607.284
#2	1625.132	764.5018	4971.763	4605.494

Sample Name: CCB Acquired: 11/23/2021 22:00:04 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000236**	**.0084523**	**.0013916**	**.0018051**	**-.000017**	**.0000660**	**.0016250**
Stddev	.000242	.0079570	.0005966	.0006929	.000017	.0001846	.0001113
%RSD	102.6130	94.13956	42.86875	38.38477	98.64582	279.5360	6.851766
#1	-.000408	.0028259	.0009698	.0022950	-.000005	-.000064	.0015463
#2	-.000065	.0140788	.0018135	.0013152	-.000029	.000197	.0017038
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.005651**	**-.000131**	**.0033093**	**.0000670**	**-.000478**	**.0015764**	**.0634713**
Stddev	.000163	.000009	.0002209	.0000061	.000458	.0001227	.0158230
%RSD	2.887049	6.759732	6.674873	9.072566	95.82166	7.785011	24.92935
#1	-.005535	-.000125	.0031531	.0000627	-.000154	.0016632	.0522828
#2	-.005766	-.000137	.0034655	.0000713	-.000801	.0014896	.0746599
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.006079**	**.0000969**	**.0284903**	**.0001762**	**-.000048**	**.0043448**	**.0008710**
Stddev	.009855	.0000880	.0026439	.0002077	.000365	.0006954	.0001697
%RSD	162.1035	90.81385	9.279871	117.8921	759.2481	16.00556	19.48081
#1	.000889	.0001592	.0266208	.0003230	-.000306	.0048365	.0007510
#2	-.013048	.0000347	.0303598	.0000293	.000210	.0038531	.0009909
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: CCB Acquired: 11/23/2021 22:00:04 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001599	-.000338	-.000302	.0028230	-.001253	.0000255	.0003162
Stddev	.000269	.000121	.001106	.0016783	.000173	.0000022	.0000966
%RSD	16.82613	35.90298	366.5079	59.45179	13.80532	8.449934	30.54051
#1	-.001409	-.000424	-.001083	.0040098	-.001131	.0000240	.0002479
#2	-.001789	-.000252	.000480	.0016362	-.001376	.0000270	.0003845
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0025336	.0005997	-.000017
Stddev	.0002455	.0000482	.000251
%RSD	9.689707	8.032525	1460.600
#1	.0023600	.0006338	-.000194
#2	.0027072	.0005656	.000160
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1815.674	791.3375	5145.329	4669.776
Stddev	2.910	1.6368	23.473	33.164
%RSD	.1602804	.2068442	.4562091	.7101751
#1	1817.732	790.1801	5161.927	4646.325
#2	1813.616	792.4950	5128.730	4693.226

Sample Name: CCVL Acquired: 11/23/2021 22:03:24 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044600	.1998205	.0102117	.0514915	.0099366	.0039293
Stddev	.0002404	.0196286	.0023511	.0007292	.0001172	.0000590
%RSD	5.390873	9.823127	23.02326	1.416102	1.179010	1.502124
#1	.0046300	.1859410	.0085492	.0520071	.0098538	.0038875
#2	.0042900	.2137000	.0118741	.0509759	.0100195	.0039710
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0489056	.1771054	.0018974	F .0134788	.0047392	.0083842
Stddev	.0006685	.0037524	.0001465	.0006909	.0000009	.0002146
%RSD	1.366817	2.118735	7.721724	5.126088	.0196048	2.559071
#1	.0484329	.1744521	.0020010	.0129903	.0047398	.0085359
#2	.0493782	.1797587	.0017938	.0139674	.0047385	.0082324
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				30.00000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116887	.1968539	.5208977	.0098142	.1237369	.0090466
Stddev	.0000642	.0267114	.0017396	.0000767	.0106922	.0006716
%RSD	.5491077	13.56914	.3339541	.7818719	8.641083	7.424244
#1	.0116433	.2157417	.5196677	.0097600	.1312974	.0085717
#2	.0117341	.1779661	.5221278	.0098685	.1161763	.0095215
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 11/23/2021 22:03:24 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102207	1.040554	.0100638	.0038195	.0186055	.0118909
Stddev	.0004625	.015496	.0000039	.0000773	.0021724	.0020641
%RSD	4.524986	1.489217	.0388876	2.024926	11.67629	17.35876
#1	.0098937	1.029597	.0100610	.0038742	.0170694	.0133504
#2	.0105477	1.051512	.0100665	.0037648	.0201416	.0104313
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1693638	.0387513	.0050667	.0049373	.0117733	.0050012
Stddev	.0005721	.0000429	.0000166	.0000572	.0011169	.0006132
%RSD	.3377663	.1106117	.3283851	1.158903	9.486427	12.26021
#1	.1689593	.0387816	.0050784	.0048969	.0125630	.0054348
#2	.1697684	.0387210	.0050549	.0049778	.0109835	.0045676
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	.0199033
Stddev	.0007840
%RSD	3.939063
#1	.0204577
#2	.0193490
Check ?	Chk Pass
Value	
Range	

Sample Name: CCVL Acquired: 11/23/2021 22:03:24 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1804.878	780.6284	5135.532	4666.037
Stddev	5.774	4.8398	39.269	29.201
%RSD	.3199064	.6199886	.7646607	.6258274
#1	1808.960	784.0507	5107.764	4686.685
#2	1800.795	777.2061	5163.299	4645.388

Sample Name: 500-208452-f-3-e Acquired: 11/23/2021 22:07:03 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0071932**	**184.9551**	**.0929477**	**.0256802**	**1.297359**	**.0124367**	**.0000550**
Stddev	.0002463	.8018	.0012596	.0001838	.011153	.0002616	.0000911
%RSD	3.424230	.4335132	1.355123	.7157969	.8596429	2.103137	165.6612
#1	.0073674	184.3881	.0938384	.0255502	1.289473	.0122517	.0001194
#2	.0070190	185.5220	.0920571	.0258102	1.305245	.0126216	-.000009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**30.98448**	**.0012109**	**1.301486**	**.1661622**	**.2437405**	**.1766615**	**266.2948**
Stddev	.51222	.0001376	.012499	.0002493	.0025191	.0017920	3.9427
%RSD	1.653139	11.36689	.9603418	.1500493	1.033535	1.014371	1.480589
#1	30.62229	.0013082	1.292648	.1663385	.2455219	.1753944	263.5068
#2	31.34667	.0011135	1.310323	.1659859	.2419592	.1779286	269.0827
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.79373**	**.1293137**	**27.54701**	**5.176966**	**.0175187**	**5.491553**	**.2951112**
Stddev	.25406	.0028363	.15503	.067031	.0001020	.119233	.0003696
%RSD	2.353814	2.193345	.5627986	1.294787	.5823294	2.171208	.1252494
#1	10.97338	.1313193	27.43739	5.129569	.0175908	5.575864	.2948498
#2	10.61408	.1273082	27.65664	5.224364	.0174465	5.407243	.2953726
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208452-f-3-e Acquired: 11/23/2021 22:07:03 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3030153	.0062644	.0068350	1.911842	.0345870	.1881548	2.136391
Stddev	.0022220	.0001396	.0059897	.009555	.0021306	.0006253	.000854
%RSD	.7333001	2.227655	87.63368	.4997726	6.160057	.3323209	.0399513
#1	.3014441	.0063631	.0025996	1.905085	.0330805	.1877127	2.136995
#2	.3045865	.0061657	.0110703	1.918598	.0360936	.1885970	2.135788
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0082374	.4285076	.7479471
Stddev	.0033968	.0003070	.0003158
%RSD	41.23581	.0716378	.0422185
#1	.0106393	.4287247	.7481703
#2	.0058355	.4282905	.7477238
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1476.011	910.1744	6065.670	5427.196
Stddev	3.564	3.6058	41.411	71.513
%RSD	.2414358	.3961607	.6827132	1.317676
#1	1478.531	912.7240	6094.952	5376.629
#2	1473.491	907.6247	6036.388	5477.763

Sample Name: 500-208452-f-4-e Acquired: 11/23/2021 22:10:15 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048058	264.8225	.1214771	.0322906	1.561764	.0121771	.0050444
Stddev	.0001418	2.9940	.0005452	.0007934	.010205	.0003417	.0020228
%RSD	2.950550	1.130579	.4488100	2.456950	.6534563	2.806221	40.09923
#1	.0047056	262.7054	.1218626	.0317296	1.554548	.0119354	.0064747
#2	.0049061	266.9396	.1210916	.0328516	1.568980	.0124187	.0036141
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.47548	.0005594	.9792737	.1208908	.2859042	.2166762	335.5393
Stddev	1.07951	.0000027	.0089673	.0006134	.0020933	.0015573	7.4240
%RSD	3.042975	.4882767	.9157114	.5073909	.7321568	.7187311	2.212556
#1	34.71216	.0005575	.9856145	.1204571	.2844241	.2155750	330.2897
#2	36.23881	.0005613	.9729328	.1213246	.2873844	.2177774	340.7888
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.37000	.1457328	38.91527	7.246138	.0102473	6.252379	.2192920
Stddev	.00847	.0000989	.46643	.150550	.0004300	.010189	.0011669
%RSD	.0551075	.0678723	1.198578	2.077654	4.196111	.1629695	.5321385
#1	15.36401	.1458028	38.58545	7.139683	.0099433	6.259584	.2184668
#2	15.37599	.1456629	39.24509	7.352593	.0105514	6.245174	.2201171
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208452-f-4-e Acquired: 11/23/2021 22:10:15 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2402066	.0058037	.0103253	1.841243	.0326045	.2353168	2.323362
Stddev	.0035440	.0006377	.0010550	.007046	.0005300	.0005290	.002346
%RSD	1.475376	10.98785	10.21754	.3827014	1.625562	.2248140	.1009606
#1	.2427126	.0053528	.0110713	1.846225	.0329793	.2349428	2.321703
#2	.2377007	.0062546	.0095793	1.836260	.0322297	.2356909	2.325020
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0079429	.5301865	.7605501
Stddev	.0011095	.0003640	.0040075
%RSD	13.96775	.0686640	.5269151
#1	.0087274	.5299291	.7577164
#2	.0071584	.5304439	.7633838
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1452.201	793.0676	5232.352	4787.455
Stddev	3.307	3.8564	51.023	27.646
%RSD	.2276905	.4862663	.9751504	.5774613
#1	1449.863	790.3407	5268.431	4767.907
#2	1454.539	795.7945	5196.273	4807.004

Sample Name: 500-208452-f-5-e Acquired: 11/23/2021 22:13:27 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0074180**	**182.6127**	**.1064384**	**.0200294**	**1.764092**	**.0132460**	**.0002476**
Stddev	.0004961	2.5554	.0035392	.0006810	.024911	.0000577	.0026842
%RSD	6.688339	1.399364	3.325139	3.399824	1.412091	.4359084	1083.849
#1	.0077688	180.8057	.1039358	.0205109	1.746478	.0132052	-.001650
#2	.0070672	184.4196	.1089410	.0195478	1.781707	.0132868	.002146
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**38.79718**	**.0013192**	**1.280304**	**.1726863**	**.2272981**	**.1649509**	**266.8397**
Stddev	.11421	.0000136	.017719	.0016047	.0028956	.0020591	2.3372
%RSD	.2943719	1.026879	1.383932	.9292767	1.273917	1.248282	.8758665
#1	38.71642	.0013096	1.267775	.1715516	.2252506	.1664069	265.1871
#2	38.87794	.0013288	1.292833	.1738211	.2293456	.1634949	268.4923
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.79271**	**.1298014**	**24.96795**	**9.233056**	**.0099259**	**2.389878**	**.2446426**
Stddev	.08816	.0016107	.25239	.062462	.0004864	.024842	.0015685
%RSD	.8168578	1.240865	1.010853	.6765088	4.900647	1.039473	.6411533
#1	10.73037	.1286625	24.78948	9.188888	.0102699	2.372312	.2435335
#2	10.85505	.1309403	25.14641	9.277224	.0095820	2.407444	.2457517
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208452-f-5-e Acquired: 11/23/2021 22:13:27 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3719792	.0049566	.0064310	2.046423	.0293566	.1958078	1.711638
Stddev	.0002331	.0001234	.0021663	.017300	.0013134	.0004821	.001571
%RSD	.0626594	2.489631	33.68512	.8453579	4.473820	.2462266	.0917570
#1	.3718144	.0048693	.0079628	2.058655	.0284280	.1961487	1.710528
#2	.3721440	.0050438	.0048992	2.034190	.0302853	.1954669	1.712749
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0046868	.4541957	.7102348
Stddev	.0018616	.0000120	.0115395
%RSD	39.71988	.0026394	1.624748
#1	.0060031	.4541872	.7020751
#2	.0033704	.4542042	.7183945
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1471.597	858.2193	5789.157	5188.532
Stddev	11.962	13.7546	36.776	11.253
%RSD	.8128612	1.602687	.6352557	.2168830
#1	1463.139	848.4934	5763.152	5180.575
#2	1480.056	867.9453	5815.161	5196.489

Sample Name: 500-208452-f-6-e Acquired: 11/23/2021 22:16:39 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0063139**	**181.6453**	**.1722187**	**.0180171**	**2.817224**	**.0174994**
Stddev	.0009802	2.3807	.0013814	.0000554	.026666	.0000278
%RSD	15.52465	1.310649	.8021182	.3073472	.9465295	.1590515
#1	.0056208	179.9618	.1731955	.0179780	2.798369	.0175191
#2	.0070070	183.3287	.1712419	.0180563	2.836080	.0174797
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0091169**	**33.11088**	**.0011649**	**1.348853**	**.3550790**	**.2352803**
Stddev	.0003577	.13018	.0001349	.013564	.0010708	.0024725
%RSD	3.923891	.3931628	11.58294	1.005601	.3015717	1.050878
#1	.0093698	33.01883	.0012603	1.339261	.3543218	.2370286
#2	.0088639	33.20293	.0010695	1.358444	.3558362	.2335320
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1894741**	**408.3576**	**9.574488**	**.1245847**	**21.62868**	F **24.93319**
Stddev	.0008149	2.3748	.190250	.0019948	.17766	.11007
%RSD	.4300898	.5815484	1.987048	1.601133	.8214284	.4414614
#1	.1888979	406.6784	9.439962	.1231741	21.50305	24.85536
#2	.1900503	410.0368	9.709015	.1259952	21.75430	25.01102
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						20.00000
Low Limit						-.010000

Sample Name: 500-208452-f-6-e Acquired: 11/23/2021 22:16:39 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0358240	6.116351	.2436645	.4668580	.0113575	.0160013
Stddev	.0003823	.109029	.0040031	.0003946	.0005005	.0020101
%RSD	1.067168	1.782577	1.642877	.0845260	4.406974	12.56214
#1	.0355537	6.039256	.2408339	.4665790	.0110036	.0145799
#2	.0360944	6.193446	.2464952	.4671370	.0117114	.0174226
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.646771	.0349156	.1743680	1.471576	.0065616	.5550861
Stddev	.001208	.0009619	.0001875	.000840	.0026072	.0011528
%RSD	.0733445	2.754955	.1075235	.0570843	39.73384	.2076820
#1	1.645917	.0342354	.1742354	1.472170	.0047181	.5542710
#2	1.647625	.0355958	.1745006	1.470982	.0084052	.5559013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.7783725
Stddev	.0006742
%RSD	.0866117
#1	.7778958
#2	.7788492
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208452-f-6-e Acquired: 11/23/2021 22:16:39 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1464.515	846.8042	5723.707	5110.840
Stddev	1.039	1.2148	.908	6.893
%RSD	.0709512	.1434537	.0158681	.1348794
#1	1465.250	847.6632	5723.065	5105.966
#2	1463.780	845.9452	5724.349	5115.715

Sample Name: 500-208452-f-7-e Acquired: 11/23/2021 22:19:50 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056095	169.5975	.1798204	.0152492	3.664126	.0217125
Stddev	.0002765	2.6776	.0002750	.0007915	.050498	.0005224
%RSD	4.929269	1.578813	.1529373	5.190490	1.378170	2.406155
#1	.0058050	167.7042	.1796260	.0146895	3.628418	.0213430
#2	.0054140	171.4909	.1800149	.0158088	3.699833	.0220819
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193582	31.22443	.0010210	1.381478	.2869249	.2564986
Stddev	.0023432	.57340	.0003201	.026350	.0041121	.0015803
%RSD	12.10429	1.836376	31.35763	1.907412	1.433173	.6161231
#1	.0177013	30.81897	.0007946	1.362846	.2898326	.2553812
#2	.0210151	31.62988	.0012473	1.400111	.2840172	.2576161
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1656859	496.5512	8.688010	.1138253	19.22367	F 31.73647
Stddev	.0021594	8.9752	.085052	.0011763	.20708	.53994
%RSD	1.303289	1.807500	.9789551	1.033440	1.077201	1.701323
#1	.1672128	490.2049	8.627869	.1129936	19.07724	31.35467
#2	.1641590	502.8977	8.748151	.1146571	19.37009	32.11826
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						20.00000
Low Limit						-.010000

Sample Name: 500-208452-f-7-e Acquired: 11/23/2021 22:19:50 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207999	3.084760	.2462393	.3486471	.0130901	.0175755
Stddev	.0006602	.026036	.0033906	.0061989	.0030899	.0025177
%RSD	3.173946	.8440319	1.376940	1.777985	23.60525	14.32525
#1	.0212667	3.066349	.2486368	.3530303	.0152750	.0193558
#2	.0203331	3.103170	.2438418	.3442638	.0109051	.0157952
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.979402	.0351383	.1672749	1.501260	.0085579	.5706042
Stddev	.002812	.0008073	.0009576	.002400	.0042960	.0005293
%RSD	.1420747	2.297480	.5724468	.1598825	50.19953	.0927545
#1	1.981390	.0357091	.1679520	1.502957	.0115957	.5702300
#2	1.977413	.0345675	.1665978	1.499562	.0055201	.5709785
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	.6444759
Stddev	.0117941
%RSD	1.830028
#1	.6528156
#2	.6361362
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208452-f-7-e Acquired: 11/23/2021 22:19:50 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1493.410	856.9604	5645.150	4969.372
Stddev	5.545	2.5045	60.631	.244
%RSD	.3713240	.2922574	1.074032	.0049068
#1	1489.489	858.7314	5602.278	4969.544
#2	1497.331	855.1894	5688.022	4969.199

Sample Name: 500-208452-f-8-g Acquired: 11/23/2021 22:23:01 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0059362**	**141.0416**	**.1005187**	**.0163409**	**1.459969**	**.0115260**	**-.002391**
Stddev	.0006577	2.3201	.0032910	.0000127	.024006	.0003996	.001244
%RSD	11.07993	1.644965	3.273973	.0776919	1.644306	3.466753	52.04453
#1	.0054712	139.4010	.0981916	.0163319	1.442994	.0118086	-.003271
#2	.0064013	142.6821	.1028457	.0163498	1.476944	.0112435	-.001511
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**56.33130**	**.0016182**	**1.101599**	**.1308774**	**.2018788**	**.1346573**	**237.0085**
Stddev	.06930	.0002927	.025306	.0011752	.0022809	.0000122	1.4714
%RSD	.1230304	18.08595	2.297190	.8979148	1.129827	.0090767	.6208087
#1	56.38031	.0018251	1.083705	.1300464	.2034916	.1346659	235.9681
#2	56.28230	.0014112	1.119493	.1317083	.2002660	.1346487	238.0489
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.20459**	**.1088232**	**18.77569**	**9.488555**	**.0091806**	**1.008751**	**.2085421**
Stddev	.30071	.0033270	.25122	.057824	.0004764	.023302	.0029963
%RSD	2.946857	3.057269	1.337998	.6094028	5.189001	2.309967	1.436804
#1	9.99196	.1064707	18.59805	9.447668	.0088437	.992274	.2064233
#2	10.41723	.1111758	18.95333	9.529443	.0095174	1.025228	.2106608
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208452-f-8-g Acquired: 11/23/2021 22:23:01 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3015147	.0052339	.0037750	1.973648	.0323134	.1782539	1.392439
Stddev	.0000342	.0027419	.0013976	.016074	.0002556	.0002146	.004792
%RSD	.0113460	52.38847	37.02140	.8144131	.7909674	.1204118	.3441256
#1	.3014906	.0071727	.0027868	1.985014	.0324941	.1781022	1.389051
#2	.3015389	.0032950	.0047633	1.962282	.0321327	.1784057	1.395828
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0038988	.3798246	1.615914
Stddev	.0004986	.0009824	.019250
%RSD	12.78877	.2586580	1.191285
#1	.0035462	.3791299	1.602302
#2	.0042514	.3805193	1.629525
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1492.733	846.1255	5646.779	5076.432
Stddev	1.675	5.7739	.741	8.349
%RSD	.1121892	.6823950	.0131206	.1644664
#1	1491.549	842.0427	5646.255	5082.335
#2	1493.917	850.2083	5647.303	5070.528

Sample Name: 500-208452-f-9-e Acquired: 11/23/2021 22:26:14 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058629	180.8862	.1389015	.0213646	1.610418	.0141307	.0031137
Stddev	.0013292	3.2189	.0026440	.0003178	.024410	.0002123	.0000020
%RSD	22.67189	1.779506	1.903541	1.487353	1.515736	1.502043	.0649454
#1	.0049230	178.6101	.1370319	.0211399	1.593158	.0139806	.0031151
#2	.0068028	183.1623	.1407711	.0215893	1.627678	.0142807	.0031122
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.14665	.0013660	1.226143	.1891872	.2694306	.1637807	307.8923
Stddev	.00970	.0000574	.007777	.0007786	.0024860	.0001188	1.6317
%RSD	.0254353	4.199318	.6342545	.4115232	.9226836	.0725025	.5299617
#1	38.15351	.0014066	1.220644	.1897377	.2711885	.1636967	306.7385
#2	38.13979	.0013254	1.231643	.1886366	.2676728	.1638646	309.0461
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.87809	.1295000	22.96218	9.711350	.0126921	3.249407	.2527027
Stddev	.30450	.0030077	.28181	.047959	.0003595	.080075	.0032337
%RSD	2.799194	2.322519	1.227267	.4938457	2.832568	2.464284	1.279632
#1	10.66278	.1273733	22.76291	9.677437	.0124379	3.192785	.2549893
#2	11.09340	.1316267	23.16145	9.745262	.0129464	3.306028	.2504162
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208452-f-9-e Acquired: 11/23/2021 22:26:14 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3326906	.0071826	.0107985	2.357763	.0333471	.1791238	1.721690
Stddev	.0051566	.0021292	.0007320	.012239	.0012982	.0001619	.002857
%RSD	1.549954	29.64384	6.778705	.5190869	3.893071	.0903869	.1659436
#1	.3363369	.0056771	.0102809	2.349109	.0342650	.1792383	1.723710
#2	.3290444	.0086882	.0113161	2.366418	.0324291	.1790093	1.719670
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0045025	.4881497	.6982610
Stddev	.0042056	.0013111	.0070495
%RSD	93.40630	.2685773	1.009580
#1	.0015287	.4872226	.7032458
#2	.0074763	.4890767	.6932763
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1466.843	857.9466	5701.142	5140.208
Stddev	6.538	.9427	12.377	14.368
%RSD	.4457233	.1098764	.2170998	.2795143
#1	1462.220	857.2801	5692.390	5150.368
#2	1471.466	858.6132	5709.894	5130.049

Sample Name: 500-208452-f-10-e Acquired: 11/23/2021 22:29:27 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059222	194.3701	.0869412	.0232249	2.249759	.0129125	.0003683
Stddev	.0001919	.8302	.0020706	.0003260	.009526	.0001985	.0001201
%RSD	3.239461	.4271294	2.381655	1.403550	.4234388	1.537578	32.61505
#1	.0057865	193.7830	.0884053	.0229944	2.243023	.0127721	.0004532
#2	.0060579	194.9571	.0854770	.0234554	2.256495	.0130529	.0002833
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.56814	.0010994	1.268104	.1672008	.2375329	.1574567	269.9086
Stddev	.71057	.0002113	.010983	.0003284	.0003399	.0009606	3.9435
%RSD	2.055569	19.21791	.8661114	.1964399	.1431140	.6100613	1.461047
#1	34.06569	.0009500	1.260338	.1674330	.2377733	.1567775	267.1201
#2	35.07059	.0012488	1.275870	.1669685	.2372925	.1581359	272.6970
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.81906	.1497455	25.95980	16.95877	.0118846	5.911040	.2883174
Stddev	.13421	.0014610	.10970	.24970	.0012935	.055663	.0010159
%RSD	1.240496	.9756788	.4225860	1.472367	10.88351	.9416732	.3523367
#1	10.91396	.1507786	25.88223	16.78220	.0109700	5.950400	.2890357
#2	10.72416	.1487124	26.03737	17.13533	.0127992	5.871681	.2875991
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208452-f-10-e Acquired: 11/23/2021 22:29:27 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2563400	.0040860	.0027561	2.090589	.0319883	.2097300	1.774824
Stddev	.0034942	.0009696	.0001771	.000460	.0008597	.0007851	.002568
%RSD	1.363110	23.73054	6.426048	.0220081	2.687522	.3743298	.1446931
#1	.2588108	.0034004	.0026309	2.090264	.0325962	.2091749	1.773008
#2	.2538693	.0047717	.0028813	2.090914	.0313804	.2102851	1.776640
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0033369	.4091546	.6556203
Stddev	.0009401	.0010840	.0004032
%RSD	28.17246	.2649383	.0615020
#1	.0026722	.4083881	.6553352
#2	.0040017	.4099211	.6559054
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1473.246	861.6643	5735.814	5124.117
Stddev	1.903	1.8939	51.817	63.542
%RSD	.1291851	.2197992	.9033879	1.240063
#1	1474.592	863.0035	5772.454	5079.186
#2	1471.900	860.3251	5699.175	5169.048

Sample Name: 500-208502-f-1-f Acquired: 11/23/2021 22:32:39 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046329	183.1031	.1158232	.2342671	.5148936	.0138810
Stddev	.0012547	1.0746	.0001522	.0004753	.0014233	.0001181
%RSD	27.08338	.5869030	.1313802	.2028802	.2764271	.8507744
#1	.0037456	183.8630	.1157156	.2339310	.5159000	.0137975
#2	.0055201	182.3432	.1159308	.2346032	.5138872	.0139645
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051608	F 1078.940	.0031943	.8283981	.2253585	.2503674
Stddev	.0005668	36.202	.0003241	.0053968	.0008238	.0018524
%RSD	10.98348	3.355288	10.14678	.6514728	.3655660	.7398803
#1	.0055617	1053.342	.0029651	.8322142	.2247760	.2490576
#2	.0047600	1104.539	.0034235	.8245820	.2259410	.2516773
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3504775	310.0917	53.64104	.3965355	579.9256	5.820002
Stddev	.0019393	4.2292	1.28847	.0106879	1.0452	.052963
%RSD	.5533326	1.363840	2.402016	2.695308	.1802264	.9100143
#1	.3518488	307.1012	54.55212	.4040929	579.1865	5.782551
#2	.3491063	313.0821	52.72996	.3889780	580.6646	5.857452
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208502-f-1-f Acquired: 11/23/2021 22:32:39 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0636949	14.03304	.5134231	.2265418	.0069444	.0008135
Stddev	.0002028	.34391	.0001770	.0013106	.0015084	.0021453
%RSD	.3183996	2.450732	.0344742	.5785049	21.72123	263.7299
#1	.0635515	14.27622	.5135482	.2256151	.0080110	.0023304
#2	.0638383	13.78985	.5132979	.2274685	.0058778	-.000704
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.230424	.0378307	.5145318	1.543862	.0131085	.2691930
Stddev	.012317	.0045236	.0015975	.001275	.0013954	.0001341
%RSD	.5522383	11.95759	.3104819	.0826141	10.64511	.0498043
#1	2.221715	.0410293	.5156614	1.542960	.0121217	.2690982
#2	2.239134	.0346320	.5134022	1.544764	.0140952	.2692878
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	1.033195
Stddev	.003114
%RSD	.3013958
#1	1.030993
#2	1.035397
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208502-f-1-f Acquired: 11/23/2021 22:32:39 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1136.098	702.4345	4734.966	4506.684
Stddev	4.956	4.2206	32.969	57.538
%RSD	.4362490	.6008585	.6962890	1.276726
#1	1139.602	705.4190	4711.653	4465.999
#2	1132.593	699.4501	4758.278	4547.369

Sample Name: 500-208502-f-2-f Acquired: 11/23/2021 22:35:57 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071858	160.4196	.1124956	.4834813	F 11.43330	.0243748
Stddev	.0000939	1.9351	.0030581	.0018484	.26929	.0004880
%RSD	1.307222	1.206245	2.718411	.3823170	2.355316	2.001890
#1	.0072522	159.0514	.1146580	.4821743	11.24289	.0240298
#2	.0071194	161.7879	.1103332	.4847884	11.62372	.0247199
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					7.500000	
Low Limit					-.010000	

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189066	F 818.5366	.0997915	.7595175	.1841486	.2354126
Stddev	.0008470	38.0087	.0002764	.0050992	.0018402	.0039511
%RSD	4.479737	4.643495	.2769996	.6713774	.9993090	1.678380
#1	.0195055	791.6604	.0995960	.7631232	.1828473	.2326188
#2	.0183077	845.4128	.0999869	.7559118	.1854498	.2382065
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5472411	F 552.2121	41.83802	.3003660	405.8222	7.085659
Stddev	.0015342	3.3232	.61811	.0044153	2.5304	.033154
%RSD	.2803596	.6018009	1.477384	1.469983	.6235249	.4678994
#1	.5483259	549.8623	41.40095	.2972438	404.0329	7.062216
#2	.5461562	554.5620	42.27509	.3034881	407.6114	7.109102
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		500.0000				
Low Limit		-.200000				

Sample Name: 500-208502-f-2-f Acquired: 11/23/2021 22:35:57 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0756141	9.932445	.5290636	1.797584	.0199689	.0100132
Stddev	.0003069	.121345	.0004400	.004831	.0034172	.0011611
%RSD	.4058107	1.221699	.0831748	.2687226	17.11281	11.59620
#1	.0758311	9.846641	.5287524	1.794168	.0175525	.0108343
#2	.0753971	10.01825	.5293747	1.800999	.0223852	.0091922
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.262031	.0415201	.6514163	2.078376	.0093293	.2892746
Stddev	.001073	.0049773	.0000300	.002392	.0001645	.0003459
%RSD	.0329087	11.98778	.0046025	.1150912	1.763079	.1195826
#1	3.261272	.0450396	.6514374	2.076685	.0092130	.2890300
#2	3.262790	.0380006	.6513950	2.080068	.0094456	.2895192
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	11.91921
Stddev	.02922
%RSD	.2451754
#1	11.89854
#2	11.93987
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208502-f-2-f Acquired: 11/23/2021 22:35:57 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1179.244	718.3395	4902.807	4618.590
Stddev	7.153	3.7760	1.871	7.830
%RSD	.6066066	.5256582	.0381558	.1695331
#1	1184.302	721.0095	4901.484	4624.127
#2	1174.186	715.6694	4904.130	4613.054

Sample Name: CCV Acquired: 11/23/2021 22:39:16 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4680379**	**48.78601**	**.5085538**	**.5105728**	**.4901242**	**.4996261**
Stddev	.0000177	.47347	.0038772	.0031705	.0051522	.0054075
%RSD	.0037841	.9705101	.7623968	.6209636	1.051204	1.082318
#1	.4680254	48.45122	.5058122	.5083309	.4864810	.4958024
#2	.4680504	49.12081	.5112954	.5128146	.4937674	.5034499
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5082772**	**23.75493**	**.5094987**	F **.0939573**	**.5127179**	**.4577524**
Stddev	.0059324	.31662	.0051647	.0124044	.0061797	.0020103
%RSD	1.167161	1.332841	1.013679	13.20212	1.205273	.4391672
#1	.5040823	23.53104	.5058467	.1027285	.5083482	.4563309
#2	.5124720	23.97881	.5131507	.0851861	.5170875	.4591739
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.5000000		
Range				-10.0000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5012719**	**24.79818**	**50.53274**	**3.890092**	**24.85100**	**4.784709**
Stddev	.0002941	.21340	.38178	.034023	.25666	.053200
%RSD	.0586696	.8605429	.7555163	.8745994	1.032805	1.111883
#1	.5014798	24.64728	50.26278	3.866035	24.66951	4.747091
#2	.5010639	24.94907	50.80270	3.914150	25.03249	4.822328
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 11/23/2021 22:39:16 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4923761	25.42035	.5057016	.5101347	.4937172	.5020286
Stddev	.0052271	.21833	.0050707	.0042327	.0000830	.0056267
%RSD	1.061612	.8588673	1.002709	.8297127	.0168026	1.120803
#1	.4886799	25.26597	.5021160	.5071418	.4936585	.4980499
#2	.4960722	25.57473	.5092871	.5131277	.4937758	.5060073
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .3919472	.5151806	.4831771	.4786439	.5091715	4.709106
Stddev	.0030975	.0068356	.0003388	.0017453	.0051020	.003701
%RSD	.7902844	1.326841	.0701255	.3646457	1.002019	.0785834
#1	.3897569	.5103471	.4829375	.4798781	.5055639	4.706489
#2	.3941375	.5200141	.4834167	.4774098	.5127792	4.711723
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	.5000000					
Range	-10.0000%					

Elem	Zn2062
Units	ppm
Avg	.5041771
Stddev	.0089032
%RSD	1.765887
#1	.4978816
#2	.5104726
Check ?	Chk Pass
Value	
Range	

Sample Name: CCV Acquired: 11/23/2021 22:39:16 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1619.855	750.0553	4893.715	4498.773
Stddev	7.420	.4285	11.595	2.015
%RSD	.4580681	.0571279	.2369445	.0447812
#1	1625.102	750.3583	4901.914	4497.348
#2	1614.608	749.7523	4885.516	4500.198

Sample Name: CCB Acquired: 11/23/2021 22:42:25 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002833**	**.0095216**	**.0000516**	**.0010887**	**-.000020**	**.0000501**
Stddev	.0006631	.0062304	.0000654	.0001823	.000047	.0002048
%RSD	234.0736	65.43500	126.8358	16.74289	230.2661	408.6525
#1	.0007521	.0051160	.0000053	.0012176	.000013	-.000095
#2	-.000186	.0139271	.0000979	.0009598	-.000053	.000195
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009893**	**.0017688**	**-.000126**	F **.0097797**	**-.000217**	**-.000070**
Stddev	.0004976	.0019848	.000065	.0029896	.000138	.001443
%RSD	50.29910	112.2153	51.75846	30.56926	63.44380	2063.792
#1	.0006374	.0031723	-.000172	.0076658	-.000120	-.001090
#2	.0013411	.0003653	-.000080	.0118937	-.000314	.000950
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				.0050000		
Low Limit				-.005000		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015645**	**-.018282**	**-.003474**	**.0000668**	**.0301458**	**.0001053**
Stddev	.0002242	.078205	.001496	.0001881	.0040980	.0002649
%RSD	14.33242	427.7658	43.05150	281.4587	13.59403	251.4765
#1	.0017231	.037017	-.004532	.0001999	.0330435	.0002926
#2	.0014060	-.073581	-.002417	-.000066	.0272480	-.000082
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 11/23/2021 22:42:25 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008499	.0051135	.0008140	-.000742	-.001262	-.000252
Stddev	.0000556	.0008782	.0003295	.000634	.000024	.002287
%RSD	6.537833	17.17416	40.48306	85.45493	1.893541	907.4873
#1	.0008892	.0044925	.0010470	-.001191	-.001246	.001365
#2	.0008106	.0057345	.0005810	-.000294	-.001279	-.001869
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024598	-.000942	.0000271	.0003091	.0040424	.0004356
Stddev	.0001550	.002343	.0000156	.0001019	.0019594	.0000849
%RSD	6.299395	248.7487	57.79726	32.98246	48.46998	19.48143
#1	.0025693	.000715	.0000381	.0003812	.0026569	.0004957
#2	.0023502	-.002598	.0000160	.0002370	.0054279	.0003756
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	-.000455
Stddev	.000160
%RSD	35.22034
#1	-.000342
#2	-.000569
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: CCB Acquired: 11/23/2021 22:42:25 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1834.502	793.8372	5187.180	4601.348
Stddev	1.407	1.2512	45.820	14.180
%RSD	.0766900	.1576134	.8833350	.3081619
#1	1833.508	794.7219	5219.579	4611.375
#2	1835.497	792.9525	5154.780	4591.322

Sample Name: CCVL Acquired: 11/23/2021 22:45:46 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0046067**	**.2004895**	**.0086945**	**.0512718**	**.0103957**	**.0040004**
Stddev	.0005060	.0052321	.0004436	.0017678	.0001036	.0000526
%RSD	10.98329	2.609648	5.102132	3.447973	.9966290	1.315890
#1	.0042490	.2041891	.0083808	.0525218	.0104689	.0039631
#2	.0049645	.1967899	.0090081	.0500217	.0103224	.0040376
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0503225**	**.1945769**	**.0018208**	F **.0082737**	**.0049323**	**.0091729**
Stddev	.0037675	.0062380	.0001592	.0051719	.0003290	.0008098
%RSD	7.486670	3.205947	8.744256	62.51029	6.671239	8.828160
#1	.0529865	.1901659	.0017082	.0119308	.0046996	.0086003
#2	.0476585	.1989878	.0019333	.0046166	.0051649	.0097455
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value				.0050000		
Range				30.00000%		

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0119284**	**.2529142**	**.5328842**	**.0102729**	**.1234900**	**.0099329**
Stddev	.0002498	.0051661	.0141103	.0001656	.0194603	.0002554
%RSD	2.094135	2.042644	2.647911	1.612249	15.75861	2.571449
#1	.0117518	.2565672	.5428617	.0103900	.1097295	.0097522
#2	.0121050	.2492611	.5229067	.0101558	.1372505	.0101135
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCVL Acquired: 11/23/2021 22:45:46 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0098864**	**1.071186**	**.0104870**	**.0058034**	**.0208264**	**.0111279**
Stddev	.0002191	.015094	.0006631	.0005502	.0002490	.0015420
%RSD	2.216458	1.409105	6.323133	9.480360	1.195802	13.85727
#1	.0097314	1.081860	.0100182	.0061924	.0206502	.0122182
#2	.0100413	1.060513	.0109559	.0054143	.0210024	.0100375
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1725265**	**.0397167**	**.0051787**	**.0050123**	**.0106325**	**.0051124**
Stddev	.0045409	.0014223	.0000101	.0000391	.0001303	.0001459
%RSD	2.632019	3.581015	.1953107	.7804927	1.225529	2.853506
#1	.1757374	.0407224	.0051716	.0050400	.0105403	.0052156
#2	.1693156	.0387110	.0051859	.0049847	.0107246	.0050092
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Zn2062
Units	ppm
Avg	**.0207734**
Stddev	.0000806
%RSD	.3879773
#1	.0207164
#2	.0208304
Check ?	Chk Pass
Value	
Range	

Sample Name: CCVL Acquired: 11/23/2021 22:45:46 Type: QC
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1837.964	797.9351	5141.872	4623.360
Stddev	22.007	13.4011	16.186	31.993
%RSD	1.197335	1.679467	.3147866	.6919770
#1	1822.403	788.4592	5130.427	4600.737
#2	1853.525	807.4111	5153.318	4645.982

Sample Name: 500-208502-f-3-f Acquired: 11/23/2021 22:49:25 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051087	195.7433	.0981406	.2389725	1.214796	.0147264
Stddev	.0000999	.1432	.0077051	.0032468	.002751	.0001564
%RSD	1.955243	.0731332	7.851118	1.358640	.2264477	1.061797
#1	.0051793	195.6420	.0926923	.2366766	1.212850	.0146158
#2	.0050381	195.8445	.1035890	.2412683	1.216741	.0148370
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058920	F 887.6848	.0073098	.9090345	.2136528	.2735014
Stddev	.0023602	47.7572	.0001765	.0139369	.0002479	.0016125
%RSD	40.05863	5.379970	2.414343	1.533157	.1160468	.5895830
#1	.0075609	921.4542	.0071851	.8991796	.2138281	.2746416
#2	.0042230	853.9153	.0074346	.9188893	.2134775	.2723612
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3175958	340.3972	56.19568	.4248894	483.9692	5.914808
Stddev	.0005933	4.2279	.57655	.0051728	2.2991	.078584
%RSD	.1868237	1.242063	1.025975	1.217445	.4750545	1.328600
#1	.3171763	337.4076	56.60337	.4285471	482.3435	5.859241
#2	.3180154	343.3868	55.78800	.4212317	485.5949	5.970376
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208502-f-3-f Acquired: 11/23/2021 22:49:25 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0422651	9.993415	.4752060	.2973786	.0057247	.0071683
Stddev	.0000224	.108427	.0005507	.0008285	.0041493	.0034428
%RSD	.0530744	1.084989	.1158940	.2785851	72.48032	48.02858
#1	.0422493	10.07008	.4748166	.2979644	.0086587	.0096028
#2	.0422810	9.91675	.4755955	.2967928	.0027907	.0047339
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.536177	.0348480	.5629078	1.693693	.0090362	.2874132
Stddev	.026967	.0007264	.0008117	.000643	.0016374	.0012750
%RSD	1.063302	2.084490	.1441985	.0379863	18.12028	.4435955
#1	2.517108	.0343343	.5634818	1.694148	.0101940	.2883148
#2	2.555245	.0353616	.5623339	1.693238	.0078784	.2865117
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	1.433887
Stddev	.001997
%RSD	.1392413
#1	1.435299
#2	1.432475
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208502-f-3-f Acquired: 11/23/2021 22:49:25 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1170.482	724.0437	4842.054	4549.573
Stddev	7.213	7.5372	11.703	43.437
%RSD	.6162363	1.040981	.2416870	.9547494
#1	1175.582	729.3733	4833.779	4518.858
#2	1165.382	718.7141	4850.329	4580.288

Sample Name: 500-208502-f-4-f Acquired: 11/23/2021 22:52:42 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046499	217.8795	.0797072	.2450974	.8543564	.0156585
Stddev	.0000528	3.5955	.0044138	.0000562	.0093479	.0003773
%RSD	1.134852	1.650232	5.537515	.0229346	1.094145	2.409794
#1	.0046872	215.3371	.0828283	.2450577	.8477464	.0159253
#2	.0046126	220.4219	.0765862	.2451372	.8609663	.0153916
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Bi2230	Ca3179	Cd2288	Ce4040	Co2286	Cr2677
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025472	F 964.4208	.0037644	.9064702	.1976002	.3292349
Stddev	.0001694	58.5689	.0001558	.0247525	.0017956	.0010839
%RSD	6.651801	6.072961	4.137861	2.730648	.9087177	.3292132
#1	.0024274	923.0063	.0038745	.8889676	.1963305	.3300013
#2	.0026670	1005.835	.0036542	.9239729	.1988699	.3284685
Check ?	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass	Chk Pass
High Limit		600.0000				
Low Limit		-.200000				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3292486	344.1295	60.60397	.4753084	516.3601	7.105431
Stddev	.0038246	1.6919	1.07751	.0111840	4.8038	.030431
%RSD	1.161609	.4916498	1.777956	2.353006	.9303218	.4282793
#1	.3265442	342.9332	59.84205	.4674001	512.9633	7.083913
#2	.3319530	345.3259	61.36588	.4832167	519.7569	7.126950
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 500-208502-f-4-f Acquired: 11/23/2021 22:52:42 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	Na5895	Ni2316	Pb2203	Sb2068	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0446442**	**11.90984**	**.5011101**	**.4486172**	**.0057296**	**.0037263**
Stddev	.0000428	.25111	.0015071	.0026421	.0018651	.0002685
%RSD	.0958219	2.108433	.3007415	.5889515	32.55284	7.205537
#1	.0446744	11.73228	.5000445	.4504854	.0044107	.0039161
#2	.0446139	12.08741	.5021758	.4467489	.0070484	.0035364
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Si2124	Sn1899	Sr4215	Ti3349	Tl1908	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.345152**	**.0388285**	**.5718674**	**1.732592**	**.0067705**	**.3123187**
Stddev	.001693	.0046845	.0026622	.003994	.0014437	.0015061
%RSD	.0722024	12.06464	.4655274	.2305481	21.32373	.4822361
#1	2.343954	.0355160	.5699849	1.729768	.0077914	.3112538
#2	2.346349	.0421409	.5737498	1.735417	.0057497	.3133837
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Zn2062
Units	ppm
Avg	**1.096143**
Stddev	.002346
%RSD	.2140137
#1	1.097802
#2	1.094484
Check ?	Chk Pass
High Limit	
Low Limit	

Sample Name: 500-208502-f-4-f Acquired: 11/23/2021 22:52:42 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1153.658	714.5480	4834.624	4497.498
Stddev	2.539	1.6840	29.776	13.373
%RSD	.2200660	.2356693	.6158926	.2973430
#1	1155.454	715.7388	4855.679	4506.954
#2	1151.863	713.3573	4813.569	4488.042

Sample Name: 500-208502-f-5-f Acquired: 11/23/2021 22:55:59 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3082	As1890	B_2089	Ba4554	Be2348	Bi2230
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067350	224.0971	.1330305	.0739010	1.626935	.0132582	.0069964
Stddev	.0000210	3.5989	.0002060	.0004631	.023982	.0000800	.0007937
%RSD	.3112433	1.605935	.1548329	.6266020	1.474073	.6037389	11.34391
#1	.0067498	221.5523	.1331761	.0735735	1.609977	.0132016	.0075576
#2	.0067202	226.6418	.1328848	.0742284	1.643893	.0133148	.0064352
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Ca3179	Cd2288	Ce4040	Co2286	Cr2677	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	127.4241	.0044599	1.197793	.1804838	.2801584	.2864968	336.0668
Stddev	.8475	.0001927	.001513	.0002932	.0019081	.0037749	2.5798
%RSD	.6650907	4.319964	.1262919	.1624256	.6810650	1.317611	.7676377
#1	126.8248	.0043237	1.198863	.1802765	.2788092	.2891661	334.2426
#2	128.0233	.0045962	1.196723	.1806911	.2815076	.2838275	337.8910
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.33530	.1989605	98.40852	6.323903	.0219898	53.06129	.4450065
Stddev	.45265	.0039010	1.12585	.055142	.0003275	.95196	.0006579
%RSD	1.860059	1.960704	1.144060	.8719584	1.489094	1.794074	.1478322
#1	24.01522	.1962020	97.61243	6.284912	.0222214	52.38815	.4445413
#2	24.65537	.2017189	99.20462	6.362895	.0217583	53.73442	.4454717
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Sample Name: 500-208502-f-5-f Acquired: 11/23/2021 22:55:59 Type: Unk
Method: P6112321A Mode: CONC Corr. Factor: 1.000000
User: Sciortinoc Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Pb2203	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2599471	.0061589	.0075048	1.679364	.0377439	.1733012	2.325050
Stddev	.0024831	.0019150	.0025940	.010864	.0020617	.0004767	.005650
%RSD	.9552211	31.09381	34.56428	.6469301	5.462449	.2750636	.2430050
#1	.2581913	.0048048	.0093390	1.671682	.0362860	.1736382	2.321055
#2	.2617029	.0075130	.0056706	1.687047	.0392017	.1729641	2.329045
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							
Low Limit							

Elem	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm
Avg	.0097164	.4567458	1.586418
Stddev	.0003482	.0045211	.011154
%RSD	3.583231	.9898595	.7031247
#1	.0094702	.4535489	1.594305
#2	.0099626	.4599427	1.578531
Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1372.139	863.2732	5712.302	5247.391
Stddev	13.851	16.1884	58.363	2.482
%RSD	1.009444	1.875234	1.021706	.0473012
#1	1381.933	874.7201	5671.033	5249.146
#2	1362.345	851.8263	5753.571	5245.636

General Chemistry Worksheet

Batch Number: 500-630108
Method: Moisture
Analyst: Kolarczyk, Paul F

Date Open: Nov 21 2021 6:00AM
Batch End: Nov 22 2021 5:30AM

Lab ID	Client ID	Method Chain	Basis	Dish ID	Empty Dish Weight	Mass of wet Sample	Mass of Dry Sample	Percent Moisture	Percent Solid
500-208234-F-1	SB-24 (1.5-2)	Moisture	T	21	1.26 g	13.23 g	11.22 g	16.7920 %	83.2080 %
500-208234-F-2	SB-24 (4-4.5)	Moisture	T	22	1.25 g	11.65 g	9.61 g	19.6154 %	80.3846 %
500-208234-F-3	SB-25 (2.5-3)	Moisture	T	23	1.27 g	11.89 g	9.68 g	20.8098 %	79.1902 %
500-208234-G-4	SB-25 (4.5-5)	Moisture	T	24	1.25 g	13.06 g	10.39 g	22.6080 %	77.3920 %
500-208234-A-5	SB-18A (1.5-2)	Moisture	T	25	1.26 g	14.26 g	10.43 g	29.4615 %	70.5385 %
500-208234-A-6	SB-18B (2-3)	Moisture	T	26	1.24 g	11.32 g	10.48 g	8.3333 %	91.6667 %
500-208234-A-6~DU		Moisture	T	27	1.27 g	12.93 g	12.00 g	7.9760 %	92.0240 %
500-208234-A-7	DUP-03	Moisture	T	28	1.24 g	11.34 g	9.52 g	18.0198 %	81.9802 %
500-208626-A-1	SS-039	Moisture	T	29	1.24 g	12.23 g	8.64 g	32.6661 %	67.3339 %
500-208626-A-2	SS-040	Moisture	T	30	1.27 g	11.75 g	8.94 g	26.8130 %	73.1870 %
500-208626-A-3	SS-041	Moisture	T	31	1.24 g	13.89 g	9.85 g	31.9368 %	68.0632 %
500-208626-A-4	SS-042	Moisture	T	32	1.25 g	11.90 g	10.62 g	12.0188 %	87.9812 %
500-208626-A-5	SS-043	Moisture	T	33	1.24 g	11.32 g	8.77 g	25.2976 %	74.7024 %
500-208626-A-6	SS-044	Moisture	T	34	1.26 g	12.39 g	9.00 g	30.4582 %	69.5418 %
500-208626-A-7	SS-045	Moisture	T	35	1.27 g	11.60 g	8.60 g	29.0416 %	70.9584 %
500-208626-A-8	SS-046	Moisture	T	36	1.28 g	11.51 g	9.60 g	18.6706 %	81.3294 %
500-208626-A-9	DUP-4	Moisture	T	37	1.24 g	11.88 g	9.76 g	19.9248 %	80.0752 %
500-208626-A-10	SS-047	Moisture	T	38	1.23 g	11.52 g	8.59 g	28.4742 %	71.5258 %
500-208626-A-11	SS-048	Moisture	T	39	1.26 g	12.78 g	8.46 g	37.5 %	62.5 %
500-208626-A-12	SS-049	Moisture	T	40	1.24 g	11.73 g	8.90 g	26.9781 %	73.0219 %
500-208299-C-1	WC-MW-21 Drum	Moisture	T	41	1.26 g	11.50 g	9.94 g	15.2344 %	84.7656 %

Balance ID:	C-971
Oven ID:	C-0776
Thermometer ID:	3364
Date samples were placed in the oven:	11/20/2021
Time samples were place in the oven:	15:42
Temperature - Start - Uncorrected:	102.3 Degrees C
Oven Temp In:	102.1 Degrees C
Date samples were removed from oven:	11/22/2021
Time Samples were removed from oven:	05:30
Temperature - End - Uncorrected:	104.2 Degrees C
Oven Temp Out:	104.0 Degrees C

Chain of Custody Record 457362

eurofins | Environment Testing TestAmerica

Address _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager R Klatt	Site Contact Justin Kohl	Date 11/17/2021	COC No
Company Name VET Environmental	Tel/Email	Lab Contact	Carrier	1 of 1 COCs
Address 2335 W Fairgrain Drive	Analysis Turnaround Time			Sampler
City/State/Zip Bloomington, IN 47404	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only
Phone 812-822-0400	TAT if different from Below ASAP			Walk-in Client
Fax	☐ 2 weeks			Lab Sampling
Project Name 21-83 BFD Lead 111721	☒ 1 week			
Site	☐ 2 days			Job / SDG No
P O #	☐ 1 day			500-208626

500-208626 COC

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	lead	Sample Specific Notes
1	SS-039	11/17/21	0927	G	S	1			X	
2	SS-040	11/17/21	0953	G	S	1			X	
3	SS-041	11/17/21	1005	G	S	1			X	
4	SS-042	11/17/21	1035	G	S	1			X	
5	SS-043	11/17/21	1047	G	S	1			X	
6	SS-044	11/17/21	1102	G	S	1			X	
7	SS-045	11/17/21	1140	G	S	1			X	
8	SS-046	11/17/21	1248	G	S	1			X	
9	DUP-4	11/17/21	—	G	S	1			X	
10	SS-047	11/17/21	1307	G	S	1			X	
11	SS-048	11/17/21	1325	G	S	1			X	
12	SS-049	11/17/21	1345	G	S	1			X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

0.4 → -1.4

Custody Seals Intact ☐ Yes ☐ No	Custody Seal No	Cooler Temp (°C) Obs'd _____	Corr'd _____	Therm ID No _____

Relinquished by Lene Lloyd	Company VET Environmental	Date/Time 11/17/21 1900	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by Stephanie Hernandez	Company ETA-CHI	Date/Time 11/18/21 1020

Login Sample Receipt Checklist

Client: VET Environmental Engineering, LLC

Job Number: 500-208626-1

Login Number: 208626
List Number: 1
Creator: Hernandez, Stephanie

List Source: Eurofins TestAmerica, Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	-1.4 Samples not frozen
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ATTACHMENT 6

Indiana State Department of Health
100 N. Senate Avenue, N855
Indianapolis, Indiana 46204

Lead Inspector

Certificate Number	Expiration Date
IND001972	11/09/2024

Justin K. Kohl

Kristina Box, MD, FACOG

Kristina Box, MD, FACOG
State Health Commissioner
Indiana State Department of Health

Indiana State Department of Health
2 North Meridian Street, 6th Floor
Indianapolis, Indiana 46204

Lead Inspector

Certificate Number	Expiration Date
IND001985	11/29/2024

Rene Lloyd

Kristina Box, MD, FACOG

Kristina Box, MD, FACOG
State Health Commissioner
Indiana State Department of Health

ATTACHMENT 7

ASTHO 2015 State-to-State Peer Fellowship Program

Indiana Lead Risks Maps
Environmental Public Health Tracking
ASTHO Fellowship Report

Submitted by

Magan Meade, M.P.A, M.P.H, Environmental Epidemiologist
Environmental Public Health Division
Indiana State Department of Health
100 N Senate Ave, N855
Indianapolis, IN 46204

Submitted to

Association for State and Territorial Health Officials
Environmental Public Health Tracking: State-to-State Peer Fellowship Program
2231 Crystal Drive, Suite 450
Arlington, VA 22202

May 20, 2016

Introduction

The Centers for Disease Control and Prevention (CDC) National Environmental Public Health Tracking Network (EPHTN) is "a web-based surveillance system that involves the ongoing collection, integration, analysis, and interpretation of environmental hazards and exposure data with data on health illnesses possibly linked to the environment."
Since its launch, EPHTN has allowed state, local and federal agencies to rapidly detect emerging public health threats, implement and evaluate the efficacy of control strategies, and develop actions that improve public health. Currently, the CDC funds an EPHTN in 25 states and one city. Indiana is not one of the funded states.

In 2009, the Association for State and Territorial Health Officials (ASTHO), in collaboration with the CDC, launched its Environmental Public Health Tracking: State-to-State Peer Fellowship Program to provide guidance and capacity of non-grantee states and territories by providing opportunities to:

- Develop a pilot project that would advance EPHT in their states.
- Gain first-hand tracking experience from CDC state grantee mentors.
- Improve communication and collaboration between funded and non-funded states.

In 2015, the Indiana State Department of Health (ISDH)'s Environmental Epidemiologist was accepted into ASTHO's 2015 Environmental Public Health Tracking: State-to-State Fellowship Program. The State of Maine selected Indiana for the fellowship project, based on commonalities between the two programs and Indiana's effort to create lead risks maps. The site visit with the host state took place in May 2016.

The pilot project by Indiana created lead risk maps developed through ArcMap 10.3.1 software. The maps will be used to target outreach and education of the Indiana Lead & Healthy Homes Program. The maps will identify high-lead-risk areas by mapping contributing factors of lead poisoning, specifically older housing (homes built before 1960), and poverty data from the 2010 Census data mapped at the Census Tract Level.

Report on Tracking Activities

I. Host-state visit, May 16-18, 2016

The May 16-18 visit to the Maine Centers for Disease Control and Prevention, in Augusta, Maine, allowed the ASTHO fellow to participate in a Maine Environmental Public Health Tracking (EPHT) meeting and additional program meetings. These additional meetings provide support to the fellow's program in their home state through discussions on methodologies, data uploading, and the grant application process.



Figure 1: Site Visit in Augusta, Maine

A tour of the Environmental Section at the Maine CDC, along with staff introductions, initiated the tracking-site visit. Immediately following the tour and introductions, the tracking meeting began. The tracking meeting jumped into discussions about preparations for the launch of their new blood-lead surveillance at 5µg/dL and above.

Blood lead surveillance at the 5-9 µg/dL level is presented as both estimated lead results and confirmed results in the lead tracking maps for Maine. This is one of the obstacles that Indiana faces regarding lead surveillance. According to the Indiana State Rules, retesting and case management is provided for results of ≥10µg/dL. For some counties that may have the resources, they may provide case management at 5-9 µg/dL. This is not the case for most counties in Indiana (there are 92 counties in Indiana) and confirmatory testing at 5-9 is not routine. In order to develop an understanding of potential lead exposures and risks, Indiana derives the lead poisoning estimates from unconfirmed testing at ≥5ug/dL.

Important Lessons from Tracking Meeting. Maine's Tracking Network Data Portal encompasses environmental health topics such as; lead poisoning, carbon monoxide, and Lyme disease (which encompasses their most frequent site visits). The Lead Poisoning page offers displays in the format of tables, charts, trend charts, and maps. There is also an introduction and an "about the data" section. The data viewer can display the data using many customizations of the different indicators (lead poisoning, screening, and risk factors). These customizations include geographical boundaries based on public health districts, counties, and townships, how to measure the data (as a percent or number), the year, age of children, and the data scale. Most importantly, the maps offer a side-by-side view for comparisons. For example, data viewers can visualize lead poisoning as compared to the older housing in Maine. This is especially beneficial to program managers, public health partners, internal partners, and other staff. This data will be able to reach outside of the usual epidemiologists working on the data to explore new hypotheses or confirm old ones.

The importance of the Tracking Network for the State of Maine includes the highly skilled staffing and team environment. All staff involved in the tracking network, have the skills to appropriately review one another's work and review the content to be published to the public. This includes reviewing how the data is displayed, the accuracy of the data, and wording of the content to be published on the website. Interestingly, to examine the lead screening rates among children in Maine, the state uses a denominator based on birth cohort figures from Vital Records. This is something that the State of Indiana would like to look into. Lead results for the state of Maine are all reported to their state laboratory, which assists with processing lead results.

One of the biggest goals of the tracking network, specifically related to the lead mapping, is to provide local partners with the data they need and to ultimately guide public health actions. To assist with this process of using the data and working with local health partners, Maine holds portal trainings and focus groups to get feedback about their partners' needs and concerns. Their partners can then impact public health through change, increasing awareness, or by removing lead exposures.

Comparing lead programs: The greatest opportunity from the fellowship meeting is to understand the differences and similarities in the two states' lead programs, and to identify methods used by Maine that can be adapted to Indiana to assist with improving certain processes, methodology, and creating impactful maps and outreach to initiate public health actions.

State Lead Programs. Some of the outstanding differences of Maine and Indiana are the geographic size, population size, funding sources, public health authority, and degree of confirmatory testing. According to the Census Estimate for 2015, Indiana's population is about 6.6 million people within 92 counties throughout Indiana, including Marion County (Indianapolis) with 14 percent of the state population. Indiana is a home rule state, where the local health departments (93) have the public health authority. For the lead program, the county health departments have the primary responsibility of lead testing, lead case management, and lead risk assessments. However, if the local health department needs assistance, the State Health Department can provide assistance for some of those services. Additionally, Medicaid children are required to be screened for lead poisoning. According to Indiana State Rules, confirmatory testing is initiated at a lead level of ≥10µg/dL. Additionally, ISDH recommends local health departments do confirmatory testing at ≥5µg/dL. Confirmatory testing at 5-9µg/dL varies by county. Therefore, for surveillance purposes and to understand lead poisoning we use both initial screenings and confirmed cases in our lead surveillance reporting and targeting.



Figure 2: Indiana County Map

When comparing Maine to Indiana, the population size is smaller, with 1.3 million people in Maine, according to the 2015 Census Estimate. The state is divided into eight public health districts without county health departments. The state relies heavily on local partners and organizations to assist with outreach, education, and lead removal initiatives. With the detailed information on locations of lead poisoning, they are able to effectively remediate and remove lead hazards to prevent future lead poisonings.

Interestingly, the State of Maine was able to pass legislation to obtain a portion of the sales from 1 gallon paint purchases to use for their lead program. This funding has assisted the state with reaching and targeting vulnerable populations to lead hazards. With funded outreach in vulnerable/susceptible areas, the advance methodology for reporting, and

advanced visualizations on the tracking network, combined with focus groups and feedback from local partners, their efforts in the high-risk areas have made these areas match the lead poisoning rates with the other Maine public health districts. This is a substantial lead program/tracking network success story. This further supports the mapping and targeting of high-risk/ high-lead poisoning areas to make substantial differences in lead poisoning program efforts in Indiana.

In Indiana, some Indiana County Lead Programs have substantially decreased resources to test children or never had the capacity. ISDH hopes to increase testing in those counties to understand the true lead poisoning rates and potential exposures. The lead poisoning rates for the census tracts used in targeting for outreach and education help provide more information to counties with limited resources, to both allocate resources effectively and to tests areas that were not being tested historically. The lead poisoning data is also added to the maps as another variable to understand the relationship between older housing and poverty to childhood lead poisoning.

Lastly, the Environmental Public Health Tracking Network has been able to develop formal procedures/guidelines for submitting and presenting data on various health topics such as carbon monoxide, water quality, and lead poisoning. These guidelines and procedures will assist in dealing with the large datasets from the lead testing data, offering new denominators to display screening rates and differences in lead poisoning estimates with unconfirmed data. These methodology documents will be used in the future to submit data to the Tracking Network. Indiana plans to build the capacity to submit and use the data to consistently report to the National Tracking Network.

II. Fellowship Project- **Targeting High Risk Areas for Childhood Lead Poisoning Maps**

The fellowship project selected by Indiana is the development of maps to support the Indiana State Department of Health's (ISDH) Lead & Healthy Homes Program to target high-risk areas for childhood lead poisoning. The variables selected for this project to be represented in the maps are older housing and childhood poverty based on previous ISDH projects and established risk factors by the Centers for Disease Control & Prevention (CDC).

Background. In 2014, the older housing map was created for the Indiana Lead Program and includes the percentage of homes built pre-1980 (lead-based paint ban in 1978) by county. This data was helpful in determining the relationship between the percentage of older housing in a county and the lead poisoning rates for a county. However, with the current project, the analysis can go further with the census tract data. By narrowing our boundaries to the census tract level,

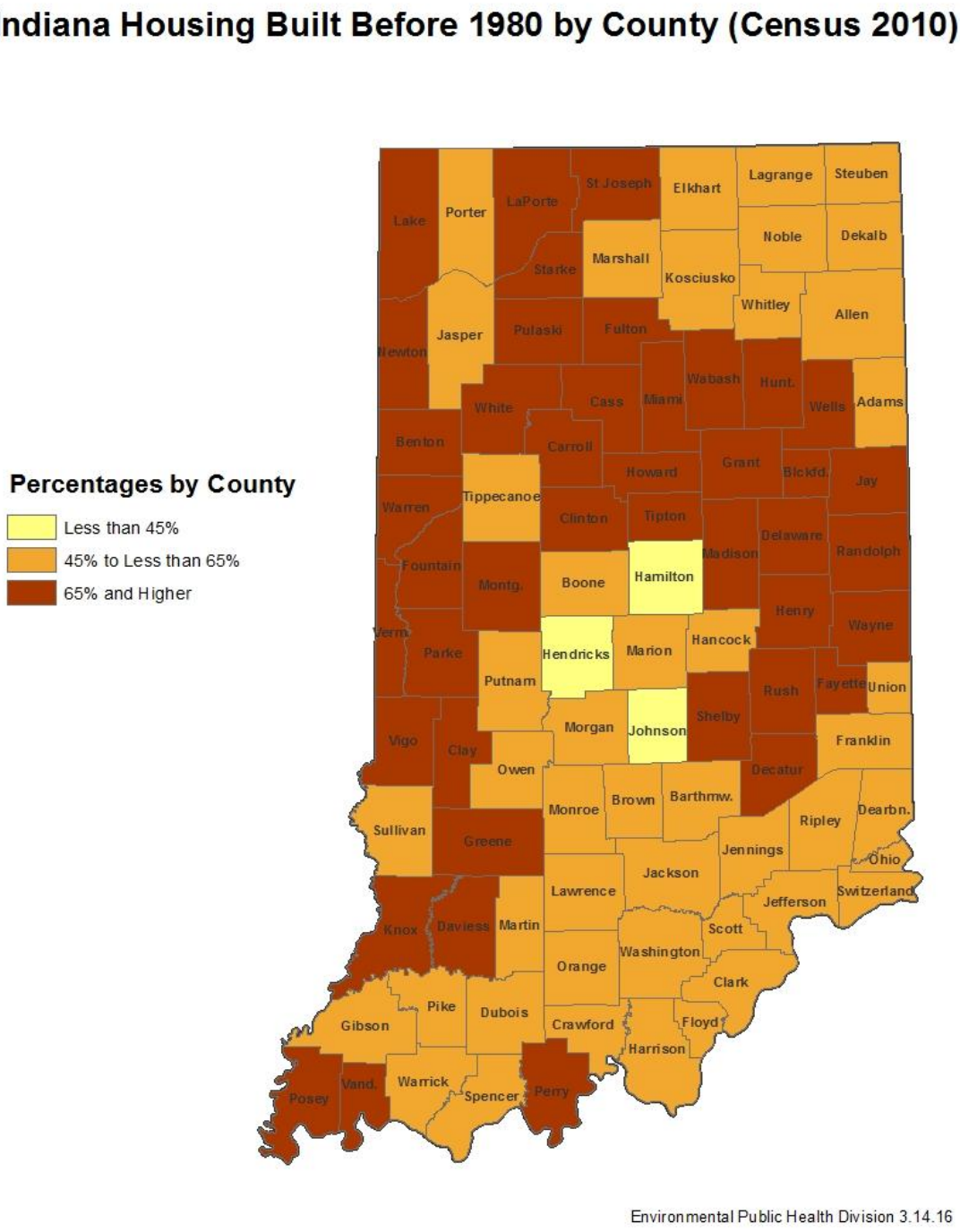


Figure 3: Previous Older Housing Map for Indiana created for the Indiana Lead & Healthy Home Program

county health departments can target specific areas of the county, to increase screening and outreach.

Methods and Data. Using data from the Census.gov resource, specifically "Housing Census American Community Survey 2013 5-Year Estimates[i], it lists the number of homes built during certain decades. First, due to housing's significant impact on lead, housing maps were developed for pre-1940s housing and housing built from 1940s-1960s. Selection of the year ranges are based on EPA's percentage for the likelihood of homes having lead in them[ii].

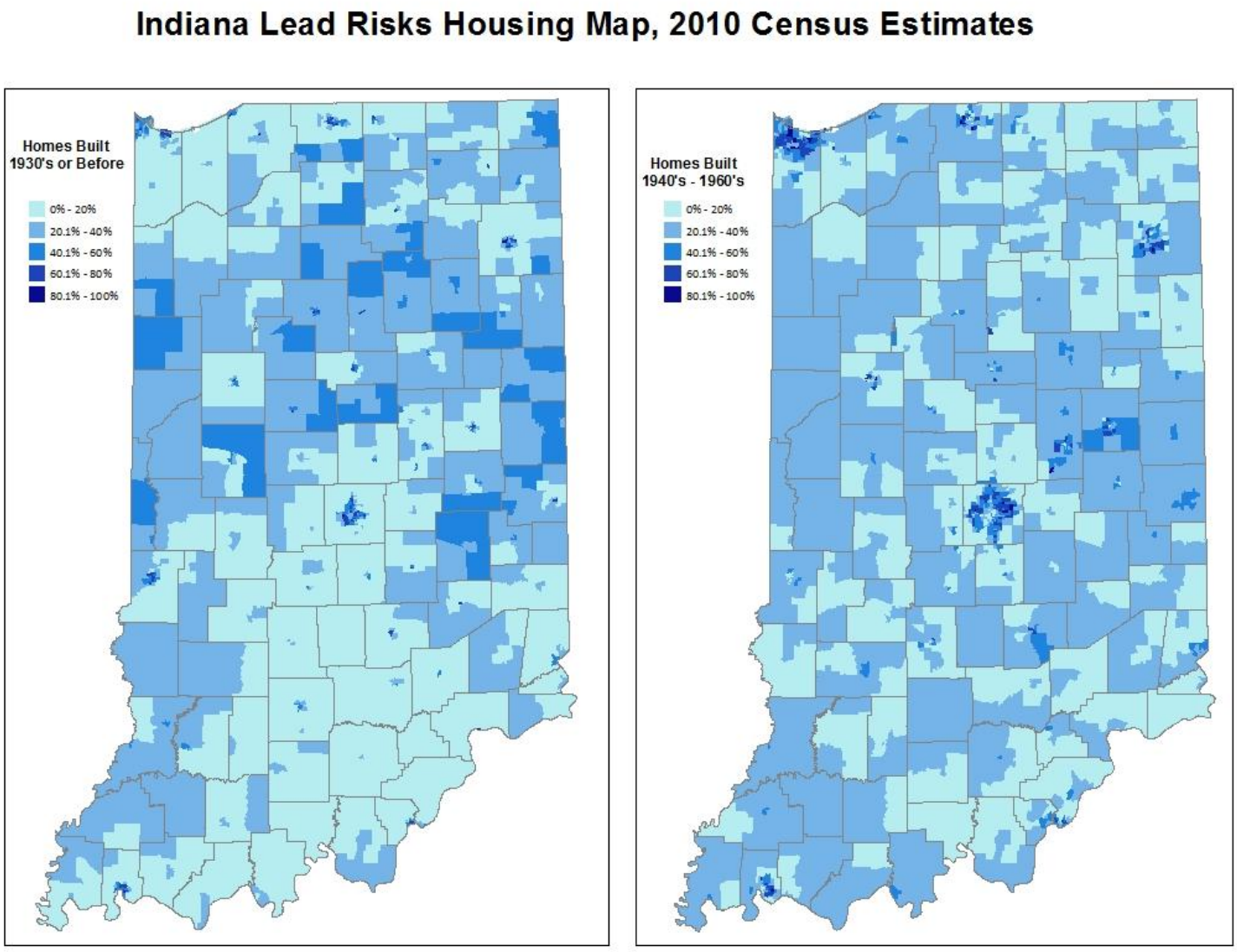
An additional risk factor for childhood lead poisoning is living in poverty, which is measured by childhood poverty status. Poverty, according to the Census Bureau, is a set of money income thresholds that vary be family size and composition to determine who is in poverty. If a family's total income is less than a family's threshold, then that family and every individual is considered in poverty.[iii] This data is also collected from the American Community Survey 2014 5-year Poverty Status by Age. Using the Census estimates for childhood poverty for children ages 6 and under, we created a map for displaying poverty percentages at the census tract level. Using the census tract poverty data and the census tract older housing data, the map represents multiple lead risks and therefore would identify census tracts that are the most vulnerable in the state to lead poisoning from those risk factors.

Various phases of the map are created/will be created to capture other contributing factors of high- and low-lead poisoning rates such as lack of testing, weighting of certain risks from geoprocessing analyses, and ranking the top elevated lead result (≥5µg/dL) percentages within the census tracts to set these areas for top priority targeting. The maps for this specific project will assist with understanding areas where there has not been much testing historically but there is a high risk due to the lead poisoning risk factors. When adding the leading poisoning data to the map, we can actually determine a relationship between lead poisoning and lead risks. Lead results from 2005-2015 are added as an additional piece to confirm the relationship between older housing and poverty to lead poisoning. The data in the maps include 1,507 census tracts for Indiana and 509,917 address points for geocoded and matched lead results (≥0µg/dL) for Indiana from 2005-2015. Some of the geocoded and matched results may be only a zip code point that falls within the 1,507 census tracts used for census tract analysis.

Lead results from 2005-2015 are processed and deduplicated every year for the annual report. The lead results used are the currently available deduplicated lead data from the Lead Data Flow system for the Lead & Healthy Homes Program.

The lead poisoning rates will not be too heavily relied on, due to lack of testing in some high-risk areas. With over 62 percent of Indiana's housing being built before 1980 (1978 lead-based paint ban) more than half of Indiana's homes could pose a lead risk. Drilling down to the Census Tract level can provide the Indiana Lead & Healthy Homes Program with more specific areas for targeting outreach efforts for testing, local health department education, and educational materials for the physicians' offices and the public.

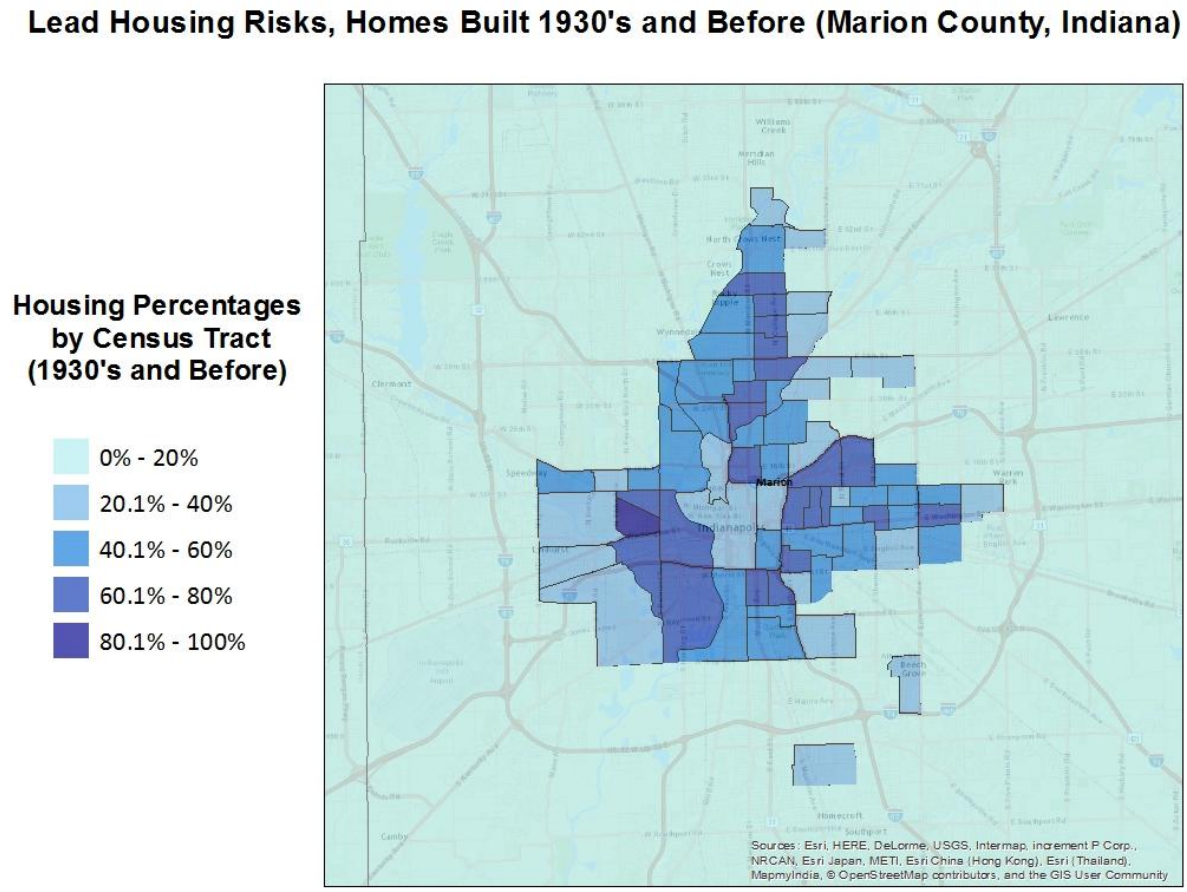
Figure 4: Current Older Housing Census Tract Level Map from the ASTHO Project 2016



Mapping Results. The level of detail in the Census maps allow us, with limited resources, to educate and target the most at risk areas for childhood lead poisoning. We can provide direction to local health departments that have limited staffing or funds to screen and educate children in their counties. Visually at the state level, these maps don't offer much detail, but when working within ArcGIS, the maps can be manipulated to zoom in and zoom out.

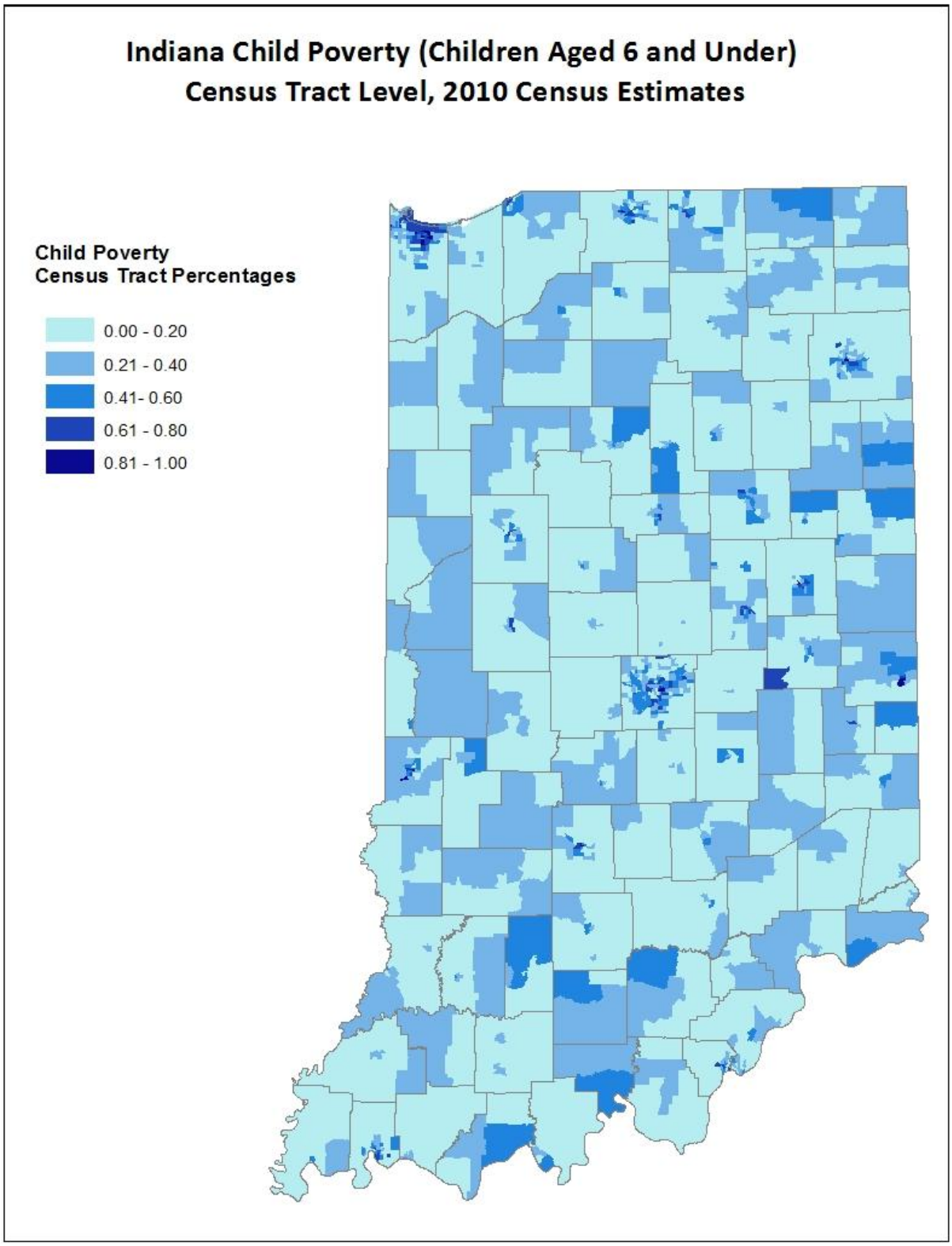
For example, at the county level, the maps provide more detail than the statewide map. Marion County (Figure 5) is the location of Indianapolis, which has the largest population of Hoosier residents in the state. Within this large county, we can identify one census tract with the highest percentage of older housing (1930s and before) and about 20 census tracts with the second highest tier of older housing.

Figure 5: Marion County, Indiana Current Older Housing Map from ASTHO 2016 Project



In Indiana, with 92 counties, it would be difficult to predict poverty status of a child with county data only. Census tract poverty data enhances the ability to estimate risk factors for children living in census tracts within a community. This is especially important for physicians to understand in order to screen at risk children for lead poisoning. Using census estimates for childhood poverty, Figure 6 provides five increments of poverty percentages, with the darkest color blue indicating the highest percentage of childhood poverty within a census tract. With a county level map of the census tracts, further information can be collected for certain susceptible areas.

Figure 6: Statewide Census Tract Level Poverty Map from the ASTHO 2016 Project

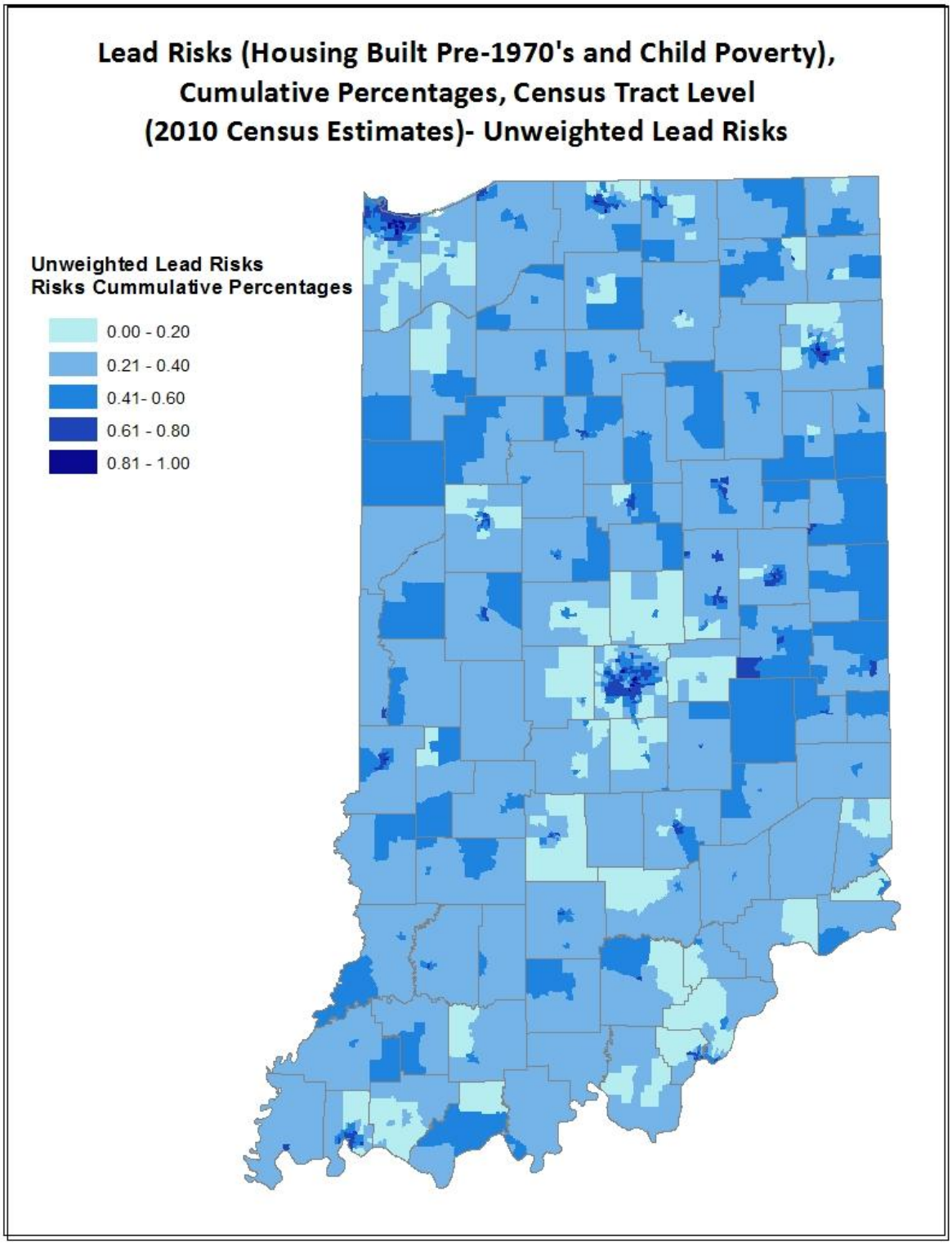


Combining the percentages at the census tract level for both child poverty and older housing gives a combined percentage for examining multiples risks (Figure 7).

Childhood Poverty + Older Housing Pre-1970s = Combined Percentage for Lead Risks

A risks-only map should be considered in order to target outreach and education to these especially susceptible geographic areas that may not have childhood-lead testing. This map is useful in that it can display areas with many risks, without much lead testing. It is anticipated that many of the high-risk areas may not have been tested in before, and through targeting efforts for screening, newly identified lead poisoned children may emerge. The development of county maps with census tract level data will be useful for assessing risks by physicians and nurses for their communities. For example, it is the federal requirement to test children at certain age periods, and then to test based on risks determined by the physician. Physicians may not have previously had time to research the risks for lead poisoning and this can be another tool supplied by Indiana State Department of Health.

Figure 7: Multiple Risks Map, Older Housing and Child Poverty, Census Tract Level-Unweighted Map, ASTHO Project 2016



Additionally, to conduct further analyses to understand how the lead testing results compare to the lead risks, the last map was created to display weighted lead risks. Lead testing data is used to represent a possible lead exposure geographically. Using initial elevated lead tests (results ≥4.5µg/dL) weights can be added to the risks data based on statistical calculations comparing the relationship between older housing and childhood poverty to childhood lead poisoning at the census tract level. The elevated lead results used in the mapping are only children with an address provided, which is used in the geocoding processes of ArcGIS.

Comparatively, the lead poisoning data is added to the combined risk percentage of older housing and child poverty to understand the impact of these risks on childhood lead poisoning in Indiana. Therefore, we are adding a weight determined by the relationship between child poverty, older housing (pre-1940's housing), older housing (1940s-1960s), and childhood lead poisoning data. Another variable was also added (pre-1940s housing) based on the analyses of these factors with lead poisoning data. The weighted risks map helps us further determine how much certain lead risk factors may influence childhood lead poisoning. The largest weight is due to housing built pre-1940's, which matches the EPA housing with lead risks diagram mentioned previously in the methods section. This helps us control for certain factors such as census tracts that have a high percentage of poverty with newer housing, where we may not find lead. However, the weighted map should not be the only tool used due to low testing in many areas in Indiana.

Childhood Poverty (Given Weight) + Older Housing 1940s-1960s (Given Weight) + Older Housing Pre-1940s (Given Weight) = Weighted Combined Percentage for Lead Risks

Figure 8 helps the Lead & Healthy Homes Program understand the impact of the risk factors; older housing and poverty on childhood lead poisoning in the state. It helps us measure particular risk factors, to be able to target even narrower populations such as those census tracts with a high percentage of housing pre-1940s.

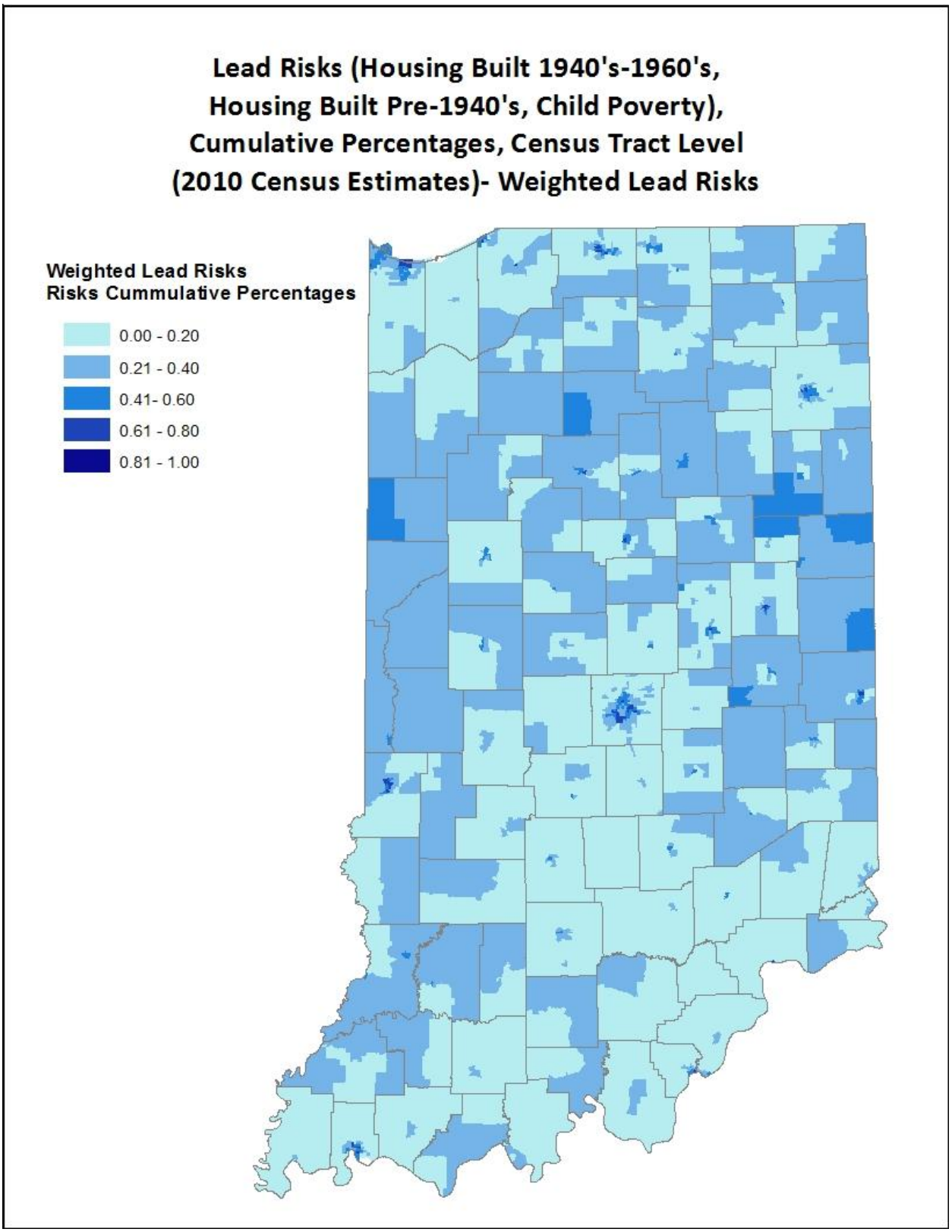


Figure 8: Multiple Risks Map, Older Housing and Child Poverty, Census Tract Level-Weighted Map, ASTHO Project 2016

Weights given from running the r^2 for the three risk variables supplies the following equation:

Childhood Poverty (.271535) + Older Housing 1940s-1960s (.009345) + Older Housing Pre-1940s (.492697) = Weighted Combined Percentage for Lead Risks per Census Tract

Another result from the analyses not included in this map that demonstrates a large weight when compared to the lead poisoning data is the distance (square mileage) between lead poisoned children. The hypothesis for this result is siblings, temporary housing, urban settlement in Indiana, testing locations, and unmitigated housing can all be potential confounding factors. Further analyses will be conducted to understand this.

Follow up Actions. County maps will be created for the county health departments upon request and as an educational piece with the county health department lead trainings. It is anticipated that screenings and lead poisoning rates will increase in the high-risk areas for childhood lead for 2016-2017 with the use of these maps. Assumingly, with targeted screenings in high-risk areas, the data would change statewide to seem like the lead poisoning rate in Indiana is increasing. However, in the next decade, the lead poisoning rates would be anticipated to decrease by the increased screening and education within those high-risk areas.

Also using the census tract data available in this map will be very valuable for determining lead exposures in Indiana. Other factors will be added and analyzed in the map. Census tracts with the largest percentage of lead poisoning children will be contacted to understand the situation within the identified census tracts. This should be a valuable tool for local health departments and partners working on lead issues.

Conclusions. The information provided in these maps will be very valuable for investigations, outreach and education, public health actions, screenings, and much more. With the guidelines provided by Maine's Tracking Network and the CDC Tracking Network, demonstrations and discussions from the site visits and webinars, and as funding becomes available, Indiana State Department of Health, Environmental Public Health Division will be well-prepared to submit, analyze, and understand what is expected when applying for Tracking Network funding. Until the funding becomes available, the Lead & Healthy Homes Program plans to proceed in using these maps to understand and investigate childhood lead poisoning in Indiana with additional data, further analyses, and working to provide these to local health departments.

Limitations of the Data and Project:

The data included in this project is address data linked with a lead result. Lead results that do not provide address information could not be used for this project. The data for this project helps the ISDH LHHP target outreach and education in Indiana. Lead testing varies from year to year and therefore 10 years of lead data helps us understand potential lead exposures in certain geographic units. Using preliminary lead results of ≥5µg/dL assists in capturing more data within a geographic unit. Since confirmed testing is mostly at the ≥10ug/dL level then potential lead exposures may not be captured if only confirmed cases were used. With the size of the lead testing (≥5µg/dL) data set and the analyses conducted, the impact of certain variables display associations with the lower unconfirmed lead levels.

Data collected from the Census are census estimates, which population and housing may change over time or may not be provided for certain census tracts and therefore the risk level would be 0. This information is used to help allocate testing and educational resources and additionally to estimate lead risks within particular communities with the data that is available.

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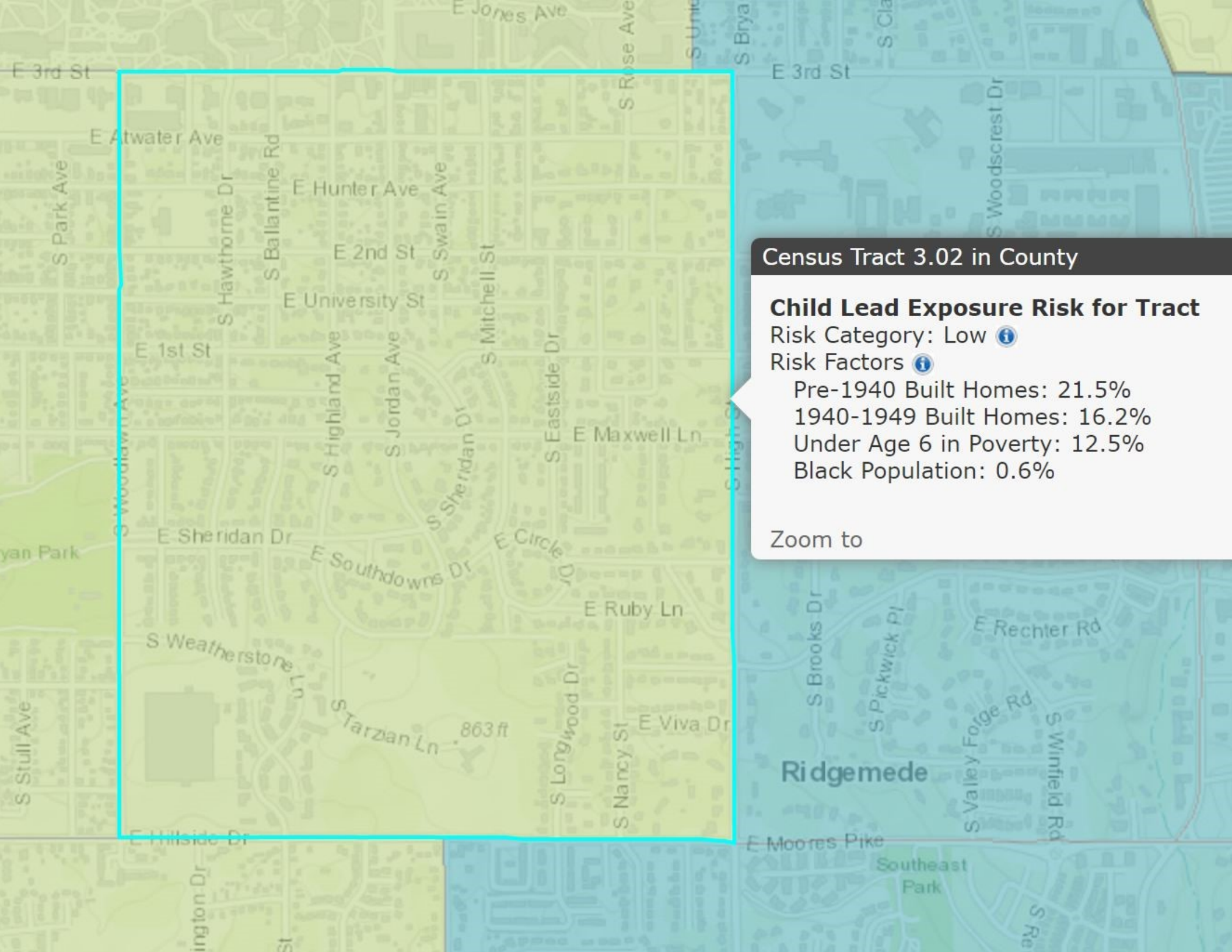
References:

[i] Census.gov http://www.census.gov/quickfacts/table/PST045215/23

http://www.census.gov/topics/income-poverty/poverty/guidance/poverty-measures.html

[ii] EPA.gov https://www.epa.gov/lead/protect-your-family-exposures-lead

[iii] Census.gov http://www.census.gov/topics/income-poverty/poverty/guidance/poverty-measures.html


Census Tract 3.02 in County
Child Lead Exposure Risk for Tract
Risk Category: Low
Risk Factors
Pre-1940 Built Homes: 21.5%
1940-1949 Built Homes: 16.2%
Under Age 6 in Poverty: 12.5%
Black Population: 0.6%
Zoom to
E 3rd St
E Atwater Ave
E Hunter Ave
E 2nd St
E University St
E 1st St
E Maxwell Ln
E Sheridan Dr
E Southdowns Dr
E Circle Dr
E Ruby Ln
S Weatherstone Ln
S Tarzan Ln
863 ft
E Viva Dr
E Hillside Dr
E Moores Pike
E Rechter Rd
Ridgemede
Southeast Park
S Park Ave
S Hawthorne Dr
S Ballantine Rd
S Swain Ave
S Mitchell St
S Highland Ave
S Jordan Ave
S Sheridan Dr
S Eastside Dr
S Woodscrest Dr
S Brooks Dr
S Pickwick Pl
S Valley Forge Rd
S Winfield Rd
S Longwood Dr
S Nancy St
S Stull Ave