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Alpha Analytical

Laboratory Code: 11148

SDG Number: L1927257

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Project Name: 2413 THIRD AVE
Project Number: 170396002

Lab Number: L1927257
Report Date: 06/24/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1927257-01	SB06_1-2	SOIL	BRONX, NY	06/06/19 12:10	06/06/19
L1927257-02	SB06_7-8	SOIL	BRONX, NY	06/06/19 12:00	06/06/19
L1927257-03	SB07_2-3	SOIL	BRONX, NY	06/06/19 12:30	06/06/19
L1927257-04	SB13_3-4	SOIL	BRONX, NY	06/07/19 09:50	06/07/19
L1927257-05	SB14_3-4	SOIL	BRONX, NY	06/07/19 11:50	06/07/19
L1927257-06	SB15_3-4	SOIL	BRONX, NY	06/07/19 12:27	06/07/19

Project Name: 2413 THIRD AVE
Project Number: 170396002

Lab Number: L1927257
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Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY

For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.



Project Name: 2413 THIRD AVE
Project Number: 170396002

Lab Number: L1927257
Report Date: 06/24/19

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

Michelle M. Morris

Report Date: 06/24/19

Title: Technical Director/Representative



GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCS D	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers



Project Name: 2413 THIRD AVE
Project Number: 170396002

Lab Number: L1927257
Report Date: 06/24/19

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers





Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD
 Trap: Supelco K Trap (VOACARB 3000)
 Concentrator: EST Encon (or equivalent)
 Autosampler: EST Centurion (or equivalent)
 Purge time: 11 min

Columns (length x ID x df):
 RTX-VMS 20m x 0.18mm x 1um
 RTX-VMS 30m x 0.25mm x 1.4um
 RTX-502.2 40m x 0.18mm x 1um

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)
 Trap: Supelco K Trap (VOACARB 3000)
 Concentrator: EST Encon (or equivalent)
 Autosampler: EST Centurion (or equivalent)

Column Type: Restek RTX 502.2
 Column Length: 105 Meters
 df: 3.00 um
 ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD
 Trap: Supelco K Trap (VOACARB 3000)
 Concentrator: Tekmar Velocity / EST Encon
 Autosampler: Varian Archon / EST Centurion
 Purge time: 11 min

Column Type: DB-VRX
 Column Length: 60 Meters
 df: 1.40 um
 ID: 0.25 mm
 Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD

Column Type: Haysep S Column
 Column Length: 2 Meters packed
 (100/200 mesh)

Autosampler: LEAP Headspace

Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE / QP2020

Concentrator: Entech 7100A or 7200
 Autosampler: Entech 7016CA or 7016D

Column Type: Restek RTX-1
 Column Length: 60 Meters
 df: 1.00 um
 ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material

Trap 2: Tenax: manufacturer-Entech: 20 cm packing material



Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 μ L; 2 μ L LVI
Column Type: Restek RXI-5SILMS	df: 0.32 μ m
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 μ L; 2 μ L LVI
Column Type: Restek RXI-5SILMS	df: 0.25 μ m
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB/Herbicides:

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1 μ L
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLP Pesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum/EPH:

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1 μ L
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	



Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5	df: 0.25um, 0.18 um
Column Length: 30 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (8081):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8082):

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm



Sample Delivery Group Summary

Alpha Job Number : L1927257

Received : 06-JUN-2019

Reviewer : Elizabeth Oko

Account Name : Langan Engineering & Environmental

Project Number : 170396002

Project Name : 2413 THIRD AVE

Delivery Information

Samples Delivered By : Alpha Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	3.0	
A1	Absent/	Ice	3.4	

Condition Information

1) All samples on COC received?	YES
2) Extra samples received?	NO
3) Are there any sample container discrepancies?	NO
4) Are there any discrepancies between sample labels & COC?	NO
5) Are samples in appropriate containers for requested analysis?	YES
6) Are samples properly preserved for requested analysis?	YES
7) Are samples within holding time for requested analysis?	YES
8) All sampling equipment returned?	NA

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	NA
--	----

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Oct 07 2019, 02:13 pm

Login Number: L1927257

Account: LANGAN-NYC Langan Engineering & Environmental Project: 170396002

Received: 06JUN19 Due Date: 24JUN19

Sample # Client ID Mat PR Collected

L1927257-01 SB06_1-2 3 1C 06JUN19 12:10

Relog of L1924067-01. PREPC: Metals ASP-B Package Due Date: 10/04/19

ASP-B,PB-CI,PREPC

L1927257-02 SB06_7-8 3 1C 06JUN19 12:00

Relog of L1924067-02. PREPC: Metals Package Due Date: 10/04/19

PB-CI,PREPC

L1927257-03 SB07_2-3 3 1C 06JUN19 12:30

Relog of L1924067-03. PREPC: Metals Package Due Date: 10/04/19

PB-CI,PREPC

L1927257-04 SB13_3-4 3 1C 07JUN19 09:50

Relog of L1924383-05. PREPC: Metals Package Due Date: 10/04/19

PB-CI,PREPC

L1927257-05 SB14_3-4 3 1C 07JUN19 11:50

Relog of L1924383-07. PREPC: Metals Package Due Date: 10/04/19

PB-CI,PREPC

L1927257-06 SB15_3-4 3 1C 07JUN19 12:27

Relog of L1924383-08. PREPC: Metals Package Due Date: 10/04/19

PB-CI,PREPC

Page 1

Logged By: Ben Rao

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 1		Date Rec'd In Lab 6/6/19		ALPHA Job # L1924087	
Client Information Client: Langan Eng Address: 360 W 31st St New York, NY Phone: 212 479 5400 Fax: Email: kdelcol@langan.com		Project Information Project Name: 2413 THIRD AVE Project Location: BRONX, NY Project # 170396002 (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☐ ASP-B ☐ EQulS (1 File) ☐ EQulS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO #			
Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☐ NYC Sewer ☒ TCLP-Pb		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other:		Turn-Around Time: Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		Other project specific requirements/comments: 27257			
These samples have been previously analyzed by Alpha ☐		ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)		Total Bottles			
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials	
24067-01		SB06-1-2		6/6/19 1210		S		PS	
02		SB06-7-8		1200					
03		SB07-2-3		1230					
04		SB07-5-6		1235					
05		SB08-1-2		1130					
06		SB08-5-6		1135					
07		SB09-2-3		1030					
08		SB09-5-6		1040					
09		SB12-3-4		850					
10		SB12-5-6		920					
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Relinquished By:		Date/Time		Received By:		Date/Time			
[Signature]		6/6/19 1335		[Signature]		6/6/19 13:35			
[Signature]		6/6/19 16:25		[Signature]		6/6/19 16:25			
[Signature]		6/6/19 21:30		[Signature]		6/6/19 21:30			

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-896-9220 FAX: 508-898-9193		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 1		Date Rec'd In Lab 6/7/19		ALPHA Job # L1924383	
		Project Information Project Name: 2413 THIRD AVE Project Location: BRONX, NY Project # 170396002 (Use Project name as Project #) ☐		Deliverables ☐ ASP-A ☐ ASP-B ☐ EQuS (1 File) ☐ EQuS (4 File) ☐ Other		Billing Information ☒ Same as Client Info PO #			
Client Information Client: LANGAN ENG Address: 360 W 31 ST ST NEW YORK, NY Phone: 212 479 5400 Fax: Email: kdelcol@langan.com		Project Manager: LIM DEL COL ALPHAQuote #: Turn-Around Time: Standard ☒ Due Date: Rush (only if pre approved) ☐ # of Days:		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other ☐ NY Unrestricted Use ☒ TCLP-Pb ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NY ☐ Other:			
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments: 27257-04						ANALYSIS TCL 16 SVOCs Pesticides PCBs TAL Metals		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below) Sample Specific Comments	
ALPHA Lab ID (Lab Use Only) 24383-01		Sample ID SB10-1-2		Collection Date 6/7/19 Time 845		Sample Matrix 5		Sampler's Initials PS	
24383-02		SB10-7-8		855					
24383-03		SB11-1-2		1040					
24383-04		SB11-5-6		1046					
24383-05		SB13-3-4		950				x	
24383-06		SB13-10-11		955					
-05		SB14-3-4		1150				x	
-06		SB15-3-4		1227				x	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type V A A A A		Preservative O A A A A	
Form No: 01-25 HC (rev. 30-Sept-2013)		Relinquished By: [Signature]		Date/Time: 6/7/19 13:35		Received By: [Signature]		Date/Time: 6/7/19 15:30	
		[Signature]		6/7/19 17:57		[Signature]		6/7/19 2341	

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Metals

Inorganic Data (ICP Analysis)

Form 1

METALS

Client	: Langan Engineering & Environmental	Lab Number	: L1927257
Project Name	: 2413 THIRD AVE	Project Number	: 170396002
Lab ID	: L1927257-01	Date Collected	: 06/06/19 12:10
Client ID	: SB06_1-2	Date Received	: 06/06/19
Sample Location	: BRONX, NY	Date Analyzed	: 06/24/19 10:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1252137.pdf	Instrument ID	: TRACE6
Sample Amount	: 5ml	%Solids	: NA
Digestion Method	: EPA 3015	Date Digested	: 06/23/19
		Date Extracted	: 06/21/19

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-92-1	Lead, TCLP	0.035	0.500	0.027	J



Form 1

METALS

Client	: Langan Engineering & Environmental	Lab Number	: L1927257
Project Name	: 2413 THIRD AVE	Project Number	: 170396002
Lab ID	: L1927257-02	Date Collected	: 06/06/19 12:00
Client ID	: SB06_7-8	Date Received	: 06/06/19
Sample Location	: BRONX, NY	Date Analyzed	: 06/24/19 11:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1252137.pdf	Instrument ID	: TRACE6
Sample Amount	: 5ml	%Solids	: NA
Digestion Method	: EPA 3015	Date Digested	: 06/23/19
		Date Extracted	: 06/21/19

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-92-1	Lead, TCLP	0.096	0.500	0.027	J



Form 1

METALS

Client	: Langan Engineering & Environmental	Lab Number	: L1927257
Project Name	: 2413 THIRD AVE	Project Number	: 170396002
Lab ID	: L1927257-03	Date Collected	: 06/06/19 12:30
Client ID	: SB07_2-3	Date Received	: 06/06/19
Sample Location	: BRONX, NY	Date Analyzed	: 06/24/19 11:10
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1252137.pdf	Instrument ID	: TRACE6
Sample Amount	: 5ml	%Solids	: NA
Digestion Method	: EPA 3015	Date Digested	: 06/23/19
		Date Extracted	: 06/21/19

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-92-1	Lead, TCLP	0.057	0.500	0.027	J

Form 1

METALS

Client	: Langan Engineering & Environmental	Lab Number	: L1927257
Project Name	: 2413 THIRD AVE	Project Number	: 170396002
Lab ID	: L1927257-04	Date Collected	: 06/07/19 09:50
Client ID	: SB13_3-4	Date Received	: 06/07/19
Sample Location	: BRONX, NY	Date Analyzed	: 06/24/19 11:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1252137.pdf	Instrument ID	: TRACE6
Sample Amount	: 5ml	%Solids	: NA
Digestion Method	: EPA 3015	Date Digested	: 06/23/19
		Date Extracted	: 06/21/19

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-92-1	Lead, TCLP	0.066	0.500	0.027	J



Form 1

METALS

Client	: Langan Engineering & Environmental	Lab Number	: L1927257
Project Name	: 2413 THIRD AVE	Project Number	: 170396002
Lab ID	: L1927257-05	Date Collected	: 06/07/19 11:50
Client ID	: SB14_3-4	Date Received	: 06/07/19
Sample Location	: BRONX, NY	Date Analyzed	: 06/24/19 11:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1252137.pdf	Instrument ID	: TRACE6
Sample Amount	: 5ml	%Solids	: NA
Digestion Method	: EPA 3015	Date Digested	: 06/23/19
		Date Extracted	: 06/21/19

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-92-1	Lead, TCLP	0.027	0.500	0.027	J



Form 1

METALS

Client	: Langan Engineering & Environmental	Lab Number	: L1927257
Project Name	: 2413 THIRD AVE	Project Number	: 170396002
Lab ID	: L1927257-06	Date Collected	: 06/07/19 12:27
Client ID	: SB15_3-4	Date Received	: 06/07/19
Sample Location	: BRONX, NY	Date Analyzed	: 06/24/19 11:24
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1252137.pdf	Instrument ID	: TRACE6
Sample Amount	: 5ml	%Solids	: NA
Digestion Method	: EPA 3015	Date Digested	: 06/23/19
		Date Extracted	: 06/21/19

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-92-1	Lead, TCLP	0.350	0.500	0.027	J



Form 1

METALS

Client	: Langan Engineering & Environmental	Lab Number	: L1927257
Project Name	: 2413 THIRD AVE	Project Number	: 170396002
Lab ID	: WG1251999-1	Date Collected	: NA
Client ID	: WG1251999-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 06/24/19 10:22
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1252137.pdf	Instrument ID	: TRACE6
Sample Amount	: 5ml	%Solids	: NA
Digestion Method	: EPA 3015	Date Digested	: 06/23/19
		Date Extracted	: 06/21/19

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-92-1	Lead, TCLP	ND	0.500	0.027	U



Form 1 METALS

Client	: Langan Engineering & Environmental	Lab Number	: L1927257
Project Name	: 2413 THIRD AVE	Project Number	: 170396002
Lab ID	: WG1251999-4	Date Collected	: 06/06/19 12:10
Client ID	: SB06_1-2DUP	Date Received	: 06/06/19
Sample Location	:	Date Analyzed	: 06/24/19 10:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,6010D	Analyst	: LC
Lab File ID	: WG1252137.pdf	Instrument ID	: TRACE6
Sample Amount	: 5ml	%Solids	: NA
Digestion Method	: EPA 3015	Date Digested	: 06/23/19

CAS NO.	Parameter	mg/l			Qualifier
		Results	RL	MDL	
7439-92-1	Lead, TCLP	0.038	0.500	0.027	J



Form 2A

Initial and Continuing Calibration Verification

Client : Langan Engineering & Environmental Lab Number : L1927257
 Project Name : 2413 THIRD AVE Project Number : 170396002
 Instrument ID : TRACE4 Units : mg/l

Parameter	Initial Calibration			Continuing Calibration(s)					
	True	Found	%R	True	Found	%R	Found	%R	Found
Lab ID : R1200822-1									
Date Analyzed: 06/24/19 08:52									
Lead	0.500	0.5160	103						

Acceptance Criteria:

ICV: 95-105% (Methods 200.7, 245.1)
 90-110% (Methods 200.8, 6010, 6020, 7470, 7471, 7474)
 85-115% (Method 1631)

CCV: 90-110% (Methods 200.7, 245.1, 6010, 6020, 7474)
 85-115% (Methods 200.8, 1631)
 80-120% (Methods 7470, 7471)



Form 2A

Initial and Continuing Calibration Verification

Client : Langan Engineering & Environmental Lab Number : L1927257
 Project Name : 2413 THIRD AVE Project Number : 170396002
 Instrument ID : TRACE4 Units : mg/l

	Initial Calibration			Continuing Calibration(s)						
	Lab ID	:	R1200822-3	R1200822-6			R1200822-8		R1200822-10	
	Date Analyzed	:	06/24/19 09:06	06/24/19 09:40			06/24/19 10:55		06/24/19 11:53	
Parameter			True	Found	%R	True	Found	%R	Found	%R
Lead			0.500	0.5170	103	0.5000	0.518	104	0.519	104
									0.530	106

Acceptance Criteria:

ICV: 95-105% (Methods 200.7, 245.1)
 90-110% (Methods 200.8, 6010, 6020, 7470, 7471, 7474)
 85-115% (Method 1631)

CCV: 90-110% (Methods 200.7, 245.1, 6010, 6020, 7474)
 85-115% (Methods 200.8, 1631)
 80-120% (Methods 7470, 7471)



Form 3 Blanks

Client	: Langan Engineering & Environmental	Lab Number	: L1927257
Project Name	: 2413 THIRD AVE	Project Number	: 170396002
Instrument ID	: TRACE4		

	Initial Calibration		Continuing Calibration				Preparation	
	Blank		Blank(s)				Blank	
Lab ID	: R1200822-2		R1200822-7		R1200822-9		R1200822-11	
Date Analyzed	: 06/24/19 08:56		06/24/19 09:44		06/24/19 11:00		06/24/19 11:58	
Parameter	mg/l	Q	mg/l	Q	mg/l	Q	mg/l	Q
Lead	0.00270	U	0.00270	U	0.00270	U	0.00270	U

Form 3 Blanks

Client	: Langan Engineering & Environmental	Lab Number	: L1927257
Project Name	: 2413 THIRD AVE	Project Number	: 170396002
Instrument ID	:		

	Initial Calibration Blank		Continuing Calibration Blank(s)		Preparation Blank
Lab ID	: R1200822-4				
Date Analyzed:	06/24/19 09:11				
Parameter	mg/l	Q	Q	Q	Q
Lead	0.00270	U			

Form 4a

Interference Check Sample

Client : Langan Engineering & Environmental Lab Number : L1927257
 Project Name : 2413 THIRD AVE Project Number : 170396002
 Instrument ID : TRACE4 Concentration Units : mg/L

Analyte	True		Initial Found			Final Found			
	Sol.	Sol.	Sol.	%R	Sol.	%R	Sol.	%R	Sol.
	A	AB	A	%R	AB	%R	A	%R	AB
Lab ID :			R1200822-5						
Analysis Date :			06/24/19 09:30						
Lead			0.00440						

Acceptance Criteria: Methods 200.7, 200.8, 6010, 6020

ICSA: 80-120%

ICSAB: 80-120%



Form 5a Matrix Spike

Client : Langan Engineering & Environmental	Lab Number : L1927257
Project Name : 2413 THIRD AVE	Project Number : 170396002
Client Sample ID : SB06_1-2	Matrix : SOIL
Lab Sample ID : L1927257-01	
Matrix Spike : WG1251999-3	MS Analysis Date : 06/24/19 10:36
Matrix Spike Dup :	MSD Analysis Date :

Parameter	Sample Conc. (mg/l)	Matrix Spike Sample		%R	Matrix Spike Duplicate		%R	RPD	Recovery Limits	RPD Limit
		Spike Added (mg/l)	Spike Conc. (mg/l)		Spike Added (mg/l)	Spike Conc. (mg/l)				
Lead, TCLP	0.035J	5.1	5.07	99					75-125	20

Form 6 Lab Duplicates

Client	: Langan Engineering & Environmental	Lab Number	: L1927257
Project Name	: 2413 THIRD AVE	Project Number	: 170396002
Client Sample ID	: SB06_1-2	Matrix	: SOIL
Lab Sample ID	: L1927257-01	Analysis Date	: 06/24/19 10:31
Dup Sample ID	: WG1251999-4	DUP Analysis Date	: 06/24/19 10:41

Parameter	Sample Concentration (mg/l)	Duplicate Concentration (mg/l)	RPD	RPD Limit
Lead, TCLP	0.035J	0.038J	NC	20

Form 7 Laboratory Control Sample

Client : Langan Engineering & Environmental	Lab Number : L1927257
Project Name : 2413 THIRD AVE	Project Number : 170396002
Client Sample ID : NA	Matrix : SOIL
Lab Sample ID : WG1251999-2	LCS Analysis Date : 06/24/19 10:27
Dup Sample ID :	LCSD Analysis Date :

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (mg/l)	Found (mg/l)	%R	True (mg/l)	Found (mg/l)	%R			
Lead, TCLP	5.10	5.08	100.					75-125	20

U.S. EPA - CLP
10A-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument: TRACE4 Date: 12/01/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Al	Ca	Fe	Mg	___
Aluminum	396.15	0.0000000	0.0000020	-0.0000310	-0.0000090	
Antimony	206.83	-0.0000020	0.0000040	-0.0000110	-0.0000050	
Arsenic	189.04	0.0000090	-0.0000010	-0.0000700	0.0000000	
Barium	455.40	-0.0000040	-0.0000020	-0.0000110	-0.0000010	
Beryllium	313.40	-0.0000020	-0.0000020	-0.0000050	0.0000000	
Cadmium	214.44	0.0000000	-0.0000030	0.0000000	-0.0000010	
Calcium	315.89	0.0000780	0.0000000	-0.0000170	0.0000710	
Chromium	267.72	0.0000050	-0.0000020	0.0000120	0.0000000	
Cobalt	228.62	-0.0000120	-0.0000060	-0.0000250	-0.0000020	
Copper	324.75	-0.0000030	-0.0000020	-0.0000040	0.0000110	
Iron	259.94	0.0000180	-0.0000120	0.0000000	-0.0000030	
Lead	220.35	0.0001100	-0.0000010	0.0000180	-0.0000010	
Magnesium	279.08	-0.0000540	-0.0000280	0.0000190	0.0000000	
Manganese	257.61	-0.0000030	-0.0000020	-0.0000080	0.0000020	
Mercury						
Nickel	231.60	-0.0000130	-0.0000050	-0.0000240	-0.0000020	
Potassium	766.49	-0.0012590	-0.0007040	-0.0028490	-0.0002350	
Selenium	196.09	-0.0000200	0.0000000	-0.0000290	-0.0000010	
Silver	328.07	-0.0000040	-0.0000020	-0.0000090	-0.0000010	
Sodium	589.59	-0.0006160	-0.0005220	-0.0020960	-0.0001600	
Thallium	190.86	-0.0000060	-0.0000040	-0.0000050	-0.0000010	
Vanadium	292.40	-0.0000050	-0.0000030	0.0000100	-0.0000020	
Zinc	206.20	0.0002750	0.0000030	-0.0007990	-0.0000040	

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument ID: TRACE4 Date: 12/01/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Sb	As	Ba	Be	Cd
Aluminum	396.15	0.0000000	0.0000000	0.0000000	-0.0022950	-0.0018570
Antimony	206.83	0.0000000	0.0000000	0.0000000	-0.0003900	-0.0000120
Arsenic	189.04	0.0000000	0.0000000	0.0000210	-0.0001780	-0.0001730
Barium	455.40	0.0000000	0.0000000	0.0000000	-0.0002050	-0.0002030
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000860
Cadmium	214.44	0.0000000	0.0000000	0.0000000	-0.0002090	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	-0.0020880	-0.0018790
Chromium	267.72	0.0000000	0.0000000	0.0000000	-0.0002010	-0.0003100
Cobalt	228.62	0.0000000	0.0000000	0.0000000	-0.0004810	-0.0004970
Copper	324.75	0.0000000	0.0000000	0.0000000	-0.0002330	-0.0002260
Iron	259.94	0.0000000	0.0000000	0.0000000	-0.0012310	-0.0009570
Lead	220.35	0.0000000	0.0000000	0.0000000	-0.0001700	-0.0001850
Magnesium	279.08	0.0000000	0.0000000	0.0000000	-0.0022440	-0.0017830
Manganese	257.61	0.0000000	0.0000000	0.0000000	-0.0001950	-0.0002020
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	-0.0005490	-0.0005200
Potassium	766.49	0.0000000	0.0000000	0.0000000	-0.0522980	-0.0517110
Selenium	196.09	0.0000000	0.0000000	0.0000000	0.0000060	0.0000030
Silver	328.07	0.0000000	0.0000000	0.0000000	-0.0001740	-0.0001560
Sodium	589.59	0.0000000	0.0000000	0.0000000	-0.0417330	-0.0407400
Thallium	190.86	0.0000000	0.0000000	0.0000000	-0.0002650	-0.0002240
Vanadium	292.40	0.0000000	0.0000000	0.0000000	-0.0002090	-0.0002040
Zinc	206.20	0.0000000	0.0000000	0.0000000	-0.0000320	-0.0009250

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument ID: TRACE4 Date: 12/01/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Cr	Co	Cu	Pb	Mn
Aluminum	396.15	-0.0020320	-0.0005350	-0.0005960	0.0000000	-0.0003930
Antimony	206.83	0.0049920	-0.0001600	-0.0001410	0.0000000	-0.0001780
Arsenic	189.04	0.0002670	-0.0001290	-0.0000570	0.0000000	-0.0000030
Barium	455.40	-0.0002000	-0.0000500	-0.0000660	0.0000000	-0.0000350
Beryllium	313.40	-0.0000900	-0.0000220	-0.0000300	0.0000000	-0.0000110
Cadmium	214.44	-0.0000290	-0.0000520	-0.0000680	0.0000000	-0.0000270
Calcium	315.89	-0.0020720	0.0009940	-0.0005720	0.0000000	-0.0000920
Chromium	267.72	0.0000000	-0.0000480	-0.0000690	0.0000000	0.0001140
Cobalt	228.62	-0.0005870	0.0000000	-0.0001660	0.0000000	-0.0000740
Copper	324.75	-0.0002130	-0.0000490	0.0000000	0.0000000	0.0000300
Iron	259.94	-0.0010370	-0.0002940	-0.0003760	0.0000000	-0.0001890
Lead	220.35	-0.0001960	-0.0003260	0.0002710	0.0000000	0.0000640
Magnesium	279.08	-0.0024620	-0.0005640	-0.0008730	0.0000000	-0.0069760
Manganese	257.61	-0.0002060	-0.0000480	-0.0000750	0.0000000	0.0000000
Mercury						
Nickel	231.60	-0.0005230	-0.0002210	-0.0001810	0.0000000	-0.0000730
Potassium	766.49	-0.0512430	-0.0126240	-0.0178480	0.0000000	-0.0089880
Selenium	196.09	-0.0000520	0.0000530	-0.0000240	0.0000000	0.0003780
Silver	328.07	-0.0001430	-0.0000370	-0.0000450	0.0000000	0.0001940
Sodium	589.59	-0.0407180	-0.0097580	-0.0137660	0.0000000	-0.0070470
Thallium	190.86	-0.0000390	0.0020440	-0.0000840	-0.0000200	0.0003990
Vanadium	292.40	-0.0002210	-0.0000500	-0.0000650	0.0000000	0.0001060
Zinc	206.20	-0.0012900	0.0000070	0.0003430	0.0001200	-0.0001520

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument ID: TRACE4 Date: 12/01/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Ni	K	Se	Ag	Na
Aluminum	396.15	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10A-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument: TRACE5 Date: 12/01/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Al	Ca	Fe	Mg	Mo
Aluminum	396.15	0.0000000	0.0000960	0.0000000	0.0000000	0.0573510
Antimony	206.83	0.0000000	0.0000000	0.0000000	0.0000000	0.0016160
Arsenic	189.04	-0.0000310	0.0000000	0.0000000	0.0000000	0.0009550
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000010	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0009910
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000120
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0004030
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0003010	0.0000000	0.0000210	0.0000000	-0.0026290
Magnesium	279.08	0.0000000	0.0000000	0.0001760	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000340	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000000	0.0000000	0.0000000	0.0000180
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000310	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument ID: TRACE5 Date: 12/01/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Sb	As	Ba	Be	Cd
Aluminum	396.15	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument ID: TRACE5 Date: 12/01/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Cr	Co	Cu	Pb	Mn
Aluminum	396.15	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0114090	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0003850	-0.0000480	0.0000000	0.0000000	0.0000000
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0007800	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	-0.0092850
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	-0.0001620	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000620	0.0000000	0.0000000	0.0006770
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	-0.0019910	0.0000000	0.0000000	0.0000000	-0.0004360
Zinc	206.20					

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____

Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____

ICP-AES Instrument ID: TRACE5 Date: 12/01/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Ni	K	Se	Ag	Na
Aluminum	396.15	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000930	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0002270	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	-0.0003390	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument ID: TRACE5 Date: 12/01/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Tl	V	Zn		
Aluminum	396.15	0.0000000	0.0000000	0.0000000		
Antimony	206.83	0.0000000	0.0000000	0.0000000		
Arsenic	189.04	0.0000000	0.0000000	0.0000000		
Barium	455.40	0.0000000	0.0000000	0.0000000		
Beryllium	313.40	0.0000000	0.0018940	0.0000000		
Cadmium	214.44	0.0000000	0.0000000	0.0000000		
Calcium	315.89	0.0000000	0.0000000	0.0000000		
Chromium	267.72	0.0000000	0.0000000	0.0000000		
Cobalt	228.62	0.0017990	0.0000000	0.0000000		
Copper	324.75	0.0000000	-0.0003720	0.0000000		
Iron	259.94	0.0000000	0.0000000	0.0000000		
Lead	220.35	0.0000000	-0.0001170	0.0000000		
Magnesium	279.08	0.0000000	0.0000000	0.0000000		
Manganese	257.61	0.0000000	0.0000000	0.0000000		
Mercury						
Nickel	231.60	0.0005790	0.0000000	0.0000000		
Potassium	766.49	0.0000000	0.0000000	0.0000000		
Selenium	196.09	0.0000000	0.0000000	0.0000000		
Silver	328.07	0.0000000	-0.0017200	0.0000000		
Sodium	589.59	0.0000000	0.0000000	0.0000000		
Thallium	190.86	0.0000000	0.0002820	0.0000000		
Vanadium	292.40	0.0000000	0.0000000	0.0000000		
Zinc	206.20	0.0000000	0.0000000	0.0000000		

Comments:

U.S. EPA - CLP
10A-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument: TRACE6 Date: 11/10/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Al	Ca	Fe	Mg	Mo
Aluminum	396.15	0.0000000	0.0000960	0.0000000	0.0000000	0.0573510
Antimony	206.83	0.0000000	0.0000000	0.0000000	0.0000000	0.0016160
Arsenic	189.04	-0.0000310	0.0000000	0.0000000	0.0000000	0.0009550
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000010	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0009910
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000120
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0004030
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0003010	0.0000000	0.0000210	0.0000000	-0.0026290
Magnesium	279.08	0.0000000	0.0000000	0.0001760	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000340	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000000	0.0000000	0.0000000	0.0000180
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000310	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument ID: TRACE6 Date: 11/10/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Sb	As	Ba	Be	Cd
Aluminum	396.15	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument ID: TRACE6 Date: 11/10/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Cr	Co	Cu	Pb	Mn
Aluminum	396.15	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0114090	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0003850	-0.0000480	0.0000000	0.0000000	0.0000000
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0007800	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	-0.0092850
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	-0.0001620	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000620	0.0000000	0.0000000	0.0006770
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	-0.0019910	0.0000000	0.0000000	0.0000000	-0.0004360
Zinc	206.20					

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument ID: TRACE6 Date: 11/10/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Ni	K	Se	Ag	Na
Aluminum	396.15	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000930	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0002270	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	-0.0003390	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument ID: TRACE6 Date: 11/10/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Tl	V	Zn		
Aluminum	396.15	0.0000000	0.0000000	0.0000000		
Antimony	206.83	0.0000000	0.0000000	0.0000000		
Arsenic	189.04	0.0000000	0.0000000	0.0000000		
Barium	455.40	0.0000000	0.0000000	0.0000000		
Beryllium	313.40	0.0000000	0.0018940	0.0000000		
Cadmium	214.44	0.0000000	0.0000000	0.0000000		
Calcium	315.89	0.0000000	0.0000000	0.0000000		
Chromium	267.72	0.0000000	0.0000000	0.0000000		
Cobalt	228.62	0.0017990	0.0000000	0.0000000		
Copper	324.75	0.0000000	-0.0003720	0.0000000		
Iron	259.94	0.0000000	0.0000000	0.0000000		
Lead	220.35	0.0000000	-0.0001170	0.0000000		
Magnesium	279.08	0.0000000	0.0000000	0.0000000		
Manganese	257.61	0.0000000	0.0000000	0.0000000		
Mercury						
Nickel	231.60	0.0005790	0.0000000	0.0000000		
Potassium	766.49	0.0000000	0.0000000	0.0000000		
Selenium	196.09	0.0000000	0.0000000	0.0000000		
Silver	328.07	0.0000000	-0.0017200	0.0000000		
Sodium	589.59	0.0000000	0.0000000	0.0000000		
Thallium	190.86	0.0000000	0.0002820	0.0000000		
Vanadium	292.40	0.0000000	0.0000000	0.0000000		
Zinc	206.20	0.0000000	0.0000000	0.0000000		

Comments:

U.S. EPA - CLP
10A-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument: TRACE7 Date: 05/17/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Al	Ca	Fe	Mg	Mo
Aluminum	396.15	0.0000000	0.0000960	0.0000000	0.0000000	0.0573510
Antimony	206.83	0.0000000	0.0000000	0.0000000	0.0000000	0.0016160
Arsenic	189.04	0.0001500	0.0000000	-0.0004550	0.0000000	0.0038670
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000380	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0009910
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000120
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0004030
Iron	259.94	0.0000000	0.0000000	0.0000340	0.0000000	0.0000000
Lead	220.35	0.0001750	0.0000000	0.0002100	0.0000000	-0.0026290
Magnesium	279.08	0.0000000	0.0000000	0.0001760	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	-0.0000350	0.0000000	0.0000000	0.0000000	0.0000180
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000100	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument: TRACE7 Date: 05/17/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Sb	As	Ba	Be	Cd
Aluminum	396.15	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument: TRACE7 Date: 05/17/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Cr	Co	Cu	Pb	Mn
Aluminum	396.15	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0114090	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0017890	0.0000000	0.0000000	0.0000000	0.0000000
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0000000	0.0000000	0.0007800	0.0000000	0.0000000
Magnesium	279.08	0.0000000	0.0000000	0.0000000	0.0000000	-0.0092850
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	-0.0001620	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000620	0.0000000	0.0000000	0.0006770
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	-0.0019910	0.0000000	0.0000000	0.0000000	-0.0004360
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument: TRACE7 Date: 05/17/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Ni	K	Se	Ag	Na
Aluminum	396.15	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.83	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	189.04	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	455.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	214.44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	315.89	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.72	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.62	0.0000930	0.0000000	0.0000000	0.0000000	0.0000000
Copper	324.75	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Iron	259.94	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.0002270	0.0000000	0.0000000	0.0000000	0.0000000
Magnesium	279.08	-0.0003390	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Mercury						
Nickel	231.60	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.09	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.07	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.59	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.86	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	206.20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Comments:

U.S. EPA - CLP
10B-IN
ICP-AES INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: Alpha Analytical Contract: _____
 Lab Code: AAL Case No.: _____ NRAS No.: _____ SDG No.: _____
 ICP-AES Instrument: TRACE7 Date: 05/17/16

Analyte	Wave-length (nm)	Interelement Correction Factors for:				
		Tl	V	Zn		
Aluminum	396.15	0.0000000	0.0000000	0.0000000		
Antimony	206.83	0.0000000	0.0000000	0.0000000		
Arsenic	189.04	0.0000000	0.0000000	0.0000000		
Barium	455.40	0.0000000	0.0000000	0.0000000		
Beryllium	313.40	0.0000000	0.0018940	0.0000000		
Cadmium	214.44	0.0000000	0.0000000	0.0000000		
Calcium	315.89	0.0000000	0.0000000	0.0000000		
Chromium	267.72	0.0000000	0.0000000	0.0000000		
Cobalt	228.62	0.0017990	0.0000000	0.0000000		
Copper	324.75	0.0000000	0.0000000	0.0000000		
Iron	259.94	0.0000000	0.0000000	0.0000000		
Lead	220.35	0.0000000	-0.0001170	0.0000000		
Magnesium	279.08	0.0000000	0.0000000	0.0000000		
Manganese	257.61	0.0000000	0.0000000	0.0000000		
Mercury						
Nickel	231.60	0.0005790	0.0000000	0.0000000		
Potassium	766.49	0.0000000	0.0000000	0.0000000		
Selenium	196.09	0.0000000	0.0000000	0.0000000		
Silver	328.07	0.0000000	0.0000000	0.0000000		
Sodium	589.59	0.0000000	0.0000000	0.0000000		
Thallium	190.86	0.0000000	0.0000000	0.0000000		
Vanadium	292.40	0.0011610	0.0000000	0.0000000		
Zinc	206.20	0.0000000	0.0000000	0.0000000		

Comments:

U.S. EPA - CLP
11-IN
ICP-AES AND ICP-MS LINEAR RANGES (QUARTERLY)

Lab Name: Alpha Analytical

Contract: _____

Lab Code: AAL Case No.: _____

NRAS No.: _____ SDG No.: _____

ICP Instrument ID: TRACE4

Date: 12/01/16

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	M
Aluminum		5000.0	
Antimony		25.0	
Arsenic		100.0	
Barium		100.0	
Beryllium		50.0	
Cadmium		25.0	
Calcium		500.0	
Chromium		50.0	
Cobalt		100.0	
Copper		100.0	
Iron		750.0	
Lead		500.0	
Magnesium		500.0	
Manganese		100.0	
Mercury			
Nickel		100.0	
Potassium		1000.0	
Selenium		100.0	
Silver		100.0	
Sodium		1000.0	
Thallium		200.0	
Vanadium		100.0	
Zinc		50.0	

Comments:

U.S. EPA - CLP
11-IN
ICP-AES AND ICP-MS LINEAR RANGES (QUARTERLY)

Lab Name: Alpha Analytical

Contract: _____

Lab Code: AAL Case No.: _____

NRAS No.: _____ SDG No.: _____

ICP Instrument ID: TRACE5

Date: 12/01/16

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	M
Aluminum		1000.0	
Antimony		100.0	
Arsenic		50.0	
Barium		50.0	
Beryllium		50.0	
Cadmium		50.0	
Calcium		1000.0	
Chromium		50.0	
Cobalt		50.0	
Copper		100.0	
Iron		500.0	
Lead		200.0	
Magnesium		1000.0	
Manganese		100.0	
Mercury			
Nickel		200.0	
Potassium		1000.0	
Selenium		20.0	
Silver		100.0	
Sodium		1000.0	
Thallium		500.0	
Vanadium		100.0	
Zinc		20.0	

Comments:

U.S. EPA - CLP
11-IN
ICP-AES AND ICP-MS LINEAR RANGES (QUARTERLY)

Lab Name: Alpha Analytical

Contract: _____

Lab Code: AAL Case No.: _____

NRAS No.: _____ SDG No.: _____

ICP Instrument ID: TRACE6

Date: 11/10/16

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	M
Aluminum		750.0	
Antimony		100.0	
Arsenic		100.0	
Barium		20.0	
Beryllium		10.0	
Cadmium		10.0	
Calcium		750.0	
Chromium		10.0	
Cobalt		100.0	
Copper		50.0	
Iron		500.0	
Lead		100.0	
Magnesium		750.0	
Manganese		10.0	
Mercury			
Nickel		50.0	
Potassium		750.0	
Selenium		100.0	
Silver		10.0	
Sodium		500.0	
Thallium		100.0	
Vanadium		100.0	
Zinc		50.0	

Comments:

U.S. EPA - CLP
11-IN
ICP-AES AND ICP-MS LINEAR RANGES (QUARTERLY)

Lab Name: Alpha Analytical

Contract: _____

Lab Code: AAL Case No.: _____

NRAS No.: _____ SDG No.: _____

ICP Instrument ID: TRACE7

Date: 05/17/16

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	M
Aluminum		700.0	
Antimony		5.0	
Arsenic		100.0	
Barium		15.0	
Beryllium		10.0	
Cadmium		100.0	
Calcium		1000.0	
Chromium		50.0	
Cobalt		5.0	
Copper		100.0	
Iron		500.0	
Lead		100.0	
Magnesium		1000.0	
Manganese		100.0	
Mercury			
Nickel		25.0	
Potassium		1000.0	
Selenium		25.0	
Silver		10.0	
Sodium		450.0	
Thallium		25.0	
Vanadium		100.0	
Zinc		25.0	

Comments:

Form 12

Preparation Log

Client : Langan Engineering & Environmental Lab Number : L1927257
Project Name : 2413 THIRD AVE Project Number : 170396002
Matrix : SOIL Prep Method : EPA 3015

Sample Number	Preparation Date	Weight (gram)	Volume (mL)
L1927257-01	06/23/19 09:43	-	5
L1927257-02	06/23/19 09:43	-	5
L1927257-03	06/23/19 09:43	-	5
L1927257-04	06/23/19 09:43	-	5
L1927257-05	06/23/19 09:43	-	5
L1927257-06	06/23/19 09:43	-	5
WG1251999-1	06/23/19 09:43	-	5
WG1251999-2	06/23/19 09:43	-	5
WG1251999-3	06/23/19 09:43	-	5
WG1251999-4	06/23/19 09:43	-	5

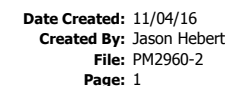
Form 13

Analysis Run Log

Client : Langan Engineering & Environmental
Project Name : 2413 THIRD AVE
Instrument ID : TRACE4
Start Date : 06/24/19 08:52

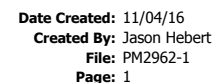
Lab Number : L1927257
Project Number : 170396002
Analysis Method : 1,6010D
End Date : 06/24/19 11:58

[illegible]

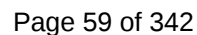
[illegible]

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.



[illegible]

Westborough, MA • Mansfield, MA • Bangor, ME • Portsmouth, NH • Mahwah, NJ • Albany, NY • Buffalo, NY • Holmes, PA



Sample Name: Std 0 Acquired: 6/24/2019 8:15:17 Type: Cal
Method: Trace_4_E200.7_SW6010(v91) Mode: IR Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

REVIEWED
By dmorisseau at 10:05 am, Jun 25, 2019

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0002	.0013	-.0004	.0033	-.0010	.0740	.0012	.0013	-.0010	.0007
Stddev	.0000	.0009	.0001	.0001	.0009	.0009	.0002	.0004	.0001	.0002
%RSD	10.38	71.39	24.80	2.549	89.85	1.231	19.41	35.05	10.53	35.50
#1	-.0002	.0017	-.0004	.0033	-.0000	.0735	.0010	.0011	-.0011	.0007
#2	-.0002	.0002	-.0005	.0033	-.0012	.0735	.0014	.0018	-.0009	.0009
#3	-.0003	.0019	-.0003	.0034	-.0018	.0751	.0011	.0009	-.0009	.0005
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0002	.0058	.0012	-.0056	.0030	.0011	-.0000	.0127	.0052	.0007
Stddev	.0001	.0001	.0001	.0015	.0005	.0001	.0002	.0016	.0001	.0001
%RSD	24.68	1.243	6.066	27.14	15.82	12.71	479.2	12.76	2.040	17.23
#1	.0002	.0058	.0011	-.0055	.0035	.0010	.0001	.0140	.0051	.0006
#2	.0001	.0059	.0012	-.0073	.0026	.0012	-.0002	.0132	.0053	.0008
#3	.0002	.0057	.0013	-.0042	.0028	.0013	.0000	.0109	.0053	.0006
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.0010	.0005	.0081	.0005	.0042	-.0005	-.0002	.0001	-.0001	
Stddev	.0001	.0001	.0005	.0001	.0007	.0000	.0001	.0001	.0001	
%RSD	13.11	26.94	6.371	13.18	15.98	4.053	80.70	40.14	152.4	
#1	.0011	.0004	.0087	.0005	.0036	-.0005	-.0000	.0002	-.0002	
#2	.0008	.0007	.0080	.0006	.0040	-.0005	-.0003	.0001	-.0001	
#3	.0010	.0005	.0077	.0005	.0049	-.0005	-.0003	.0002	.0000	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4800.1	107210.	8645.5							
Stddev	3.5	877.	17.1							
%RSD	.07339	.81804	.19768							
#1	4796.0	106360.	8649.3							
#2	4802.3	107150.	8660.5							
#3	4801.9	108110.	8626.9							

Sample Name: ICAL Acquired: 6/24/2019 8:19:30 Type: Cal
Method: Trace_4_E200.7_SW6010(v91) Mode: IR Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1988	.1188	.0531	.4597	5.504	78.53	.2058	.0787	3.478	1.383
Stddev	.0013	.0013	.0001	.0010	.012	.55	.0002	.0002	.010	.003
%RSD	.6771	1.090	.1564	.2185	.2191	.6985	.1148	.2817	.2832	.2472

#1	.1986	.1202	.0532	.4592	5.497	78.83	.2057	.0784	3.472	1.382
#2	.2002	.1186	.0530	.4591	5.497	77.89	.2056	.0787	3.473	1.381
#3	.1976	.1177	.0531	.4609	5.518	78.85	.2060	.0789	3.490	1.387

Elem	Cr2677	Cu3247	Fe2599	Mg2790	Mn2576R	Mo2020	Ni2316	Pb2203	Sb2068	Se1960
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1807	.2592	.1093	.2558	.6158	.7726	1.021	.3117	.1491	.0551
Stddev	.0003	.0004	.0006	.0022	.0014	.0020	.003	.0010	.0006	.0003
%RSD	.1897	.1371	.5178	.8454	.2344	.2630	.2677	.3138	.4211	.5174

#1	.1807	.2596	.1095	.2577	.6162	.7721	1.020	.3117	.1484	.0554
#2	.1810	.2592	.1086	.2534	.6142	.7709	1.019	.3107	.1491	.0549
#3	.1803	.2589	.1096	.2562	.6170	.7749	1.025	.3127	.1497	.0551

Elem	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2788	.1763	9.237	.3083	.1295	.2280	1.010
Stddev	.0061	.0004	.020	.0007	.0004	.0007	.004
%RSD	2.178	.2535	.2189	.2321	.3159	.3043	.3886

#1	.2850	.1760	9.236	.3089	.1291	.2277	1.008
#2	.2784	.1760	9.217	.3075	.1296	.2288	1.007
#3	.2729	.1768	9.257	.3085	.1299	.2276	1.014

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4773.4	106760.	8647.2
Stddev	24.2	611.	36.3
%RSD	.50617	.57225	.41939

#1	4792.9	106420.	8615.2
#2	4780.8	106390.	8686.6
#3	4746.4	107460.	8639.8

Sample Name: 25: Fe K Na Si Acquired: 6/24/2019 8:23:37 Type: Cal
Method: Trace_4_E200.7_SW6010(v91) Mode: IR Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Al3961	Fe2599	K_7664	Na5895	Si2124
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.857	2.765	1.561	7.029	2.926
Stddev	.010	.018	.006	.027	.007
%RSD	.3522	.6485	.3618	.3795	.2550

#1	2.849	2.745	1.558	7.000	2.934
#2	2.868	2.779	1.567	7.052	2.926
#3	2.855	2.770	1.558	7.036	2.919

Int. Std.	Y_2243	Y_3710
Units	Cts/S	Cts/S
Avg	4753.8	8532.6
Stddev	20.3	23.0
%RSD	.42788	.26915

#1	4768.0	8557.6
#2	4762.9	8512.5
#3	4730.5	8527.7

Sample Name: 10: Ca Mg Si Acquired: 6/24/2019 8:27:50 Type: Cal
Method: Trace_4_E200.7_SW6010(v91) Mode: IR Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ca3158	Mg2790	Si2124
Units	Cts/S	Cts/S	Cts/S
Avg	.7814	2.595	1.457
Stddev	.0031	.004	.003
%RSD	.3906	.1744	.2278

#1	.7849	2.590	1.460
#2	.7797	2.597	1.458
#3	.7795	2.599	1.454

Int. Std.	Y_2243	Y_3710
Units	Cts/S	Cts/S
Avg	4766.8	8533.9
Stddev	39.9	15.9
%RSD	.83662	.18614

#1	4790.0	8515.9
#2	4789.7	8545.7
#3	4720.8	8540.2

Sample Name: ICV Acquired: 6/24/2019 8:32:05 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4888	W .4721	.5210	.4931	.4877	.5062	-.0011	.4966	.4843	.4799
Stddev	.0015	.0059	.0026	.0024	.0008	.0042	.0003	.0050	.0027	.0020
%RSD	.3046	1.240	.4945	.4786	.1629	.8301	31.85	.9990	.5655	.4220
#1	.4901	.4656	.5184	.4912	.4868	.5062	-.0014	.4929	.4820	.4781
#2	.4890	.4768	.5236	.4923	.4884	.5104	-.0010	.5023	.4836	.4795
#3	.4872	.4740	.5211	.4958	.4880	.5020	-.0008	.4947	.4873	.4821

Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit		.5274								
Low Limit		.4726								

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4932	.4775	.4934	4.775	.5125	.4785	.4822	9.665	.4945	.5085
Stddev	.0021	.0010	.0009	.017	.0064	.0014	.0020	.033	.0009	.0059
%RSD	.4283	.2133	.1771	.3606	1.247	.2876	.4198	.3367	.1757	1.153
#1	.4943	.4785	.4941	4.756	.5078	.4770	.4800	9.633	.4939	.5035
#2	.4945	.4765	.4937	4.780	.5198	.4797	.4825	9.698	.4941	.5070
#3	.4907	.4774	.4925	4.790	.5100	.4787	.4840	9.663	.4955	.5150

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4965	.4913	4.967	.4910	.4866	.4880	.4849	.4970	.4986
Stddev	.0041	.0073	.007	.0028	.0013	.0005	.0020	.0008	.0033
%RSD	.8231	1.482	.1348	.5771	.2757	.1028	.4174	.1514	.6638
#1	.4918	.4829	4.962	.4900	.4855	.4884	.4835	.4973	.4958
#2	.4994	.4954	4.974	.4888	.4881	.4875	.4838	.4975	.4978
#3	.4984	.4956	4.964	.4942	.4861	.4883	.4872	.4962	.5023

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4772.5	106300.	8556.3
Stddev	40.2	155.	59.1
%RSD	.84199	.14593	.69041
#1	4803.6	106170.	8601.0
#2	4786.7	106470.	8489.3
#3	4727.1	106250.	8578.5

Sample Name: ICB Acquired: 6/24/2019 8:36:24 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0015	.0033	.0010	-.0001	.0001	.0016	.0002	.0001	-.0000
Stddev	.0002	.0105	.0008	.0003	.0002	.0000	.0006	.0038	.0000	.0001
%RSD	63.03	704.5	23.61	28.70	190.6	28.34	35.18	1682.	38.56	740.8

#1	.0001	-.0100	.0029	.0012	-.0002	.0001	.0017	-.0039	.0001	.0000
#2	.0003	.0105	.0027	.0007	-.0003	.0001	.0010	.0009	.0001	-.0001
#3	.0005	.0039	.0041	.0012	.0001	.0001	.0022	.0037	.0001	-.0000

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	.0008	-.0026	-.0502	.0012	.0006	.0011	.0109	.0007	.0010
Stddev	.0001	.0002	.0008	.0375	.0016	.0006	.0004	.0060	.0001	.0015
%RSD	30.51	20.27	32.81	74.83	136.1	91.22	33.31	55.03	12.65	154.3

#1	.0003	.0010	-.0028	-.0871	-.0001	.0009	.0015	.0101	.0007	.0006
#2	.0004	.0008	-.0016	-.0121	.0007	-.0000	.0011	.0172	.0008	-.0003
#3	.0005	.0006	-.0032	-.0513	.0029	.0010	.0007	.0053	.0007	.0027

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039	-.0027	-.0081	.0030	.0000	.0002	.0000	.0000	-.0001
Stddev	.0019	.0028	.0011	.0009	.0001	.0001	.0002	.0002	.0001
%RSD	48.41	104.2	13.85	31.12	929.5	47.55	1111.	4886.	58.31

#1	.0060	-.0059	-.0071	.0037	-.0001	.0003	.0002	.0001	-.0000
#2	.0023	-.0004	-.0093	.0035	-.0000	.0001	-.0001	.0001	-.0001
#3	.0033	-.0019	-.0078	.0019	.0001	.0002	-.0001	-.0002	-.0001

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4726.5	105800.	8420.9
Stddev	43.8	205.	62.8
%RSD	.92740	.19368	.74632

#1	4748.7	105590.	8471.6
#2	4754.8	106000.	8440.5
#3	4676.0	105790.	8350.6

Sample Name: ICV Acquired: 6/24/2019 8:50:09 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4858	W .4653	.5052	.4842	.4815	.5002	-.0001	.4923	.4754	W .4705
Stddev	.0020	.0090	.0029	.0034	.0014	.0088	.0003	.0073	.0035	.0034
%RSD	.4056	1.927	.5717	.7021	.2995	1.757	258.6	1.491	.7394	.7201
#1	.4855	.4552	.5018	.4815	.4806	.4944	-.0002	.4997	.4729	.4681
#2	.4840	.4687	.5071	.4830	.4807	.4960	.0002	.4923	.4739	.4691
#3	.4879	.4722	.5066	.4880	.4832	.5103	-.0003	.4850	.4794	.4744
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Warn
High Limit		.5274								.5274
Low Limit		.4726								.4726
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4909	W .4697	.4858	W 4.704	.4955	W .4720	.4738	9.680	.4881	.4966
Stddev	.0011	.0007	.0047	.040	.0108	.0034	.0027	.071	.0037	.0047
%RSD	.2224	.1596	.9693	.8387	2.181	.7163	.5689	.7388	.7499	.9487
#1	.4910	.4689	.4812	4.668	.4903	.4717	.4716	9.654	.4862	.4929
#2	.4897	.4704	.4856	4.697	.4883	.4688	.4731	9.625	.4857	.4949
#3	.4919	.4699	.4906	4.746	.5079	.4755	.4768	9.761	.4923	.5019
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Warn	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.5274		5.274		.5274				
Low Limit		.4726		4.726		.4726				
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.4861	.4828	W 4.889	.4824	.4843	.4782	.4761	.4943	.4906	
Stddev	.0064	.0037	.023	.0044	.0037	.0001	.0034	.0015	.0032	
%RSD	1.322	.7633	.4769	.9069	.7537	.0284	.7131	.2943	.6598	
#1	.4795	.4788	4.878	.4780	.4813	.4784	.4746	.4938	.4883	
#2	.4866	.4835	4.874	.4826	.4833	.4781	.4737	.4932	.4891	
#3	.4923	.4860	4.916	.4868	.4884	.4782	.4800	.4960	.4943	
Check ?	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	
High Limit			5.538							
Low Limit			4.962							
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4744.4	104540.	8446.8							
Stddev	41.1	119.	105.5							
%RSD	.86646	.11401	1.2487							
#1	4772.3	104630.	8492.6							
#2	4763.6	104590.	8521.7							
#3	4697.2	104400.	8326.2							

Sample Name: ICB Acquired: 6/24/2019 8:54:22 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0010	.0014	.0008	-.0003	.0002	.0009	.0074	.0001	.0001
Stddev	.0011	.0095	.0009	.0003	.0002	.0000	.0010	.0043	.0000	.0001
%RSD	805.7	921.7	63.34	33.00	75.23	20.91	109.1	57.66	28.31	71.09

#1	.0003	.0118	.0023	.0007	-.0000	.0002	.0010	.0031	.0001	.0002
#2	.0007	-.0061	.0015	.0006	-.0004	.0002	.0019	.0075	.0001	.0001
#3	-.0014	-.0026	.0005	.0011	-.0004	.0002	-.0001	.0116	.0002	.0000

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	.0007	.0016	-.0550	.0016	.0002	.0010	.0078	.0006	.0000
Stddev	.0004	.0001	.0019	.0252	.0023	.0001	.0002	.0045	.0003	.0002
%RSD	107.2	18.79	121.5	45.80	147.6	57.75	19.25	58.40	43.16	2119.

#1	-.0001	.0007	.0038	-.0280	-.0008	.0003	.0012	.0027	.0005	-.0002
#2	.0007	.0009	.0011	-.0591	.0016	.0001	.0009	.0113	.0005	.0001
#3	.0005	.0006	-.0001	-.0778	.0039	.0003	.0009	.0093	.0010	.0002

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047	-.0012	-.0083	.0020	.0000	.0002	-.0003	.0002	.0002
Stddev	.0014	.0013	.0005	.0006	.0000	.0001	.0006	.0001	.0001
%RSD	29.64	105.5	5.613	28.06	115.4	61.38	233.4	74.71	51.26

#1	.0062	.0002	-.0087	.0015	.0001	.0002	-.0010	.0003	.0001
#2	.0045	-.0017	-.0085	.0026	.0001	.0003	.0002	.0003	.0003
#3	.0034	-.0022	-.0078	.0019	-.0000	.0001	-.0001	.0000	.0003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4732.3	105410.	8366.2
Stddev	67.2	181.	38.8
%RSD	1.4205	.17212	.46345

#1	4775.0	105620.	8321.7
#2	4767.2	105290.	8392.7
#3	4654.8	105320.	8384.3

Sample Name: 0.005 Acquired: 6/24/2019 8:58:38 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050	.0064	F .0073	.0051	.0045	.0052	.0070	.0097	.0052	.0051
Stddev	.0003	.0118	.0017	.0002	.0002	.0000	.0007	.0026	.0000	.0001
%RSD	5.329	185.7	23.68	4.625	3.531	.2701	10.04	26.29	.8946	1.748

#1	.0052	.0157	.0087	.0053	.0045	.0052	.0077	.0082	.0052	.0051
#2	.0047	.0103	.0077	.0050	.0044	.0052	.0063	.0127	.0053	.0050
#3	.0051	-.0069	.0054	.0049	.0047	.0052	.0071	.0083	.0052	.0051

Check ?	Chk Pass	None	Chk Fail	None	None	Chk Pass	None	None	Chk Pass	None
High Limit			.0066							
Low Limit			.0034							

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044	.0058	-.0017	-.0172	.0039	.0050	.0053	.0072	.0053	.0057
Stddev	.0004	.0002	.0032	.0140	.0026	.0001	.0003	.0063	.0003	.0011
%RSD	8.297	3.875	185.0	81.51	67.05	1.403	4.952	86.53	5.381	19.77

#1	.0043	.0057	-.0009	-.0304	.0055	.0050	.0054	.0123	.0053	.0051
#2	.0041	.0056	-.0052	-.0025	.0052	.0049	.0050	.0002	.0056	.0070
#3	.0048	.0061	.0010	-.0186	.0009	.0050	.0055	.0092	.0050	.0050

Check ?	None	None	None	None	None	None	None	None	None	None
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046	.0015	-.0104	.0038	.0049	.0051	.0051	.0051	.0052
Stddev	.0009	.0009	.0006	.0010	.0000	.0003	.0006	.0001	.0001
%RSD	18.64	62.55	5.727	25.71	.8814	4.938	12.35	2.187	1.332

#1	.0043	.0006	-.0099	.0049	.0049	.0050	.0046	.0050	.0052
#2	.0056	.0013	-.0101	.0030	.0049	.0054	.0049	.0052	.0052
#3	.0039	.0024	-.0110	.0036	.0050	.0049	.0058	.0052	.0051

Check ?	None	None	None	None	None	None	None	None	None
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4821.4	107250.	8547.6
Stddev	16.2	158.	34.9
%RSD	.33655	.14768	.40882

#1	4837.1	107400.	8507.3
#2	4822.2	107090.	8569.5
#3	4804.7	107250.	8566.0

Sample Name: 0.01 Acquired: 6/24/2019 9:03:20 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085	.0116	.0105	.0093	.0094	.0100	.0106	.0102	.0100	.0098
Stddev	.0003	.0056	.0018	.0005	.0001	.0000	.0005	.0037	.0001	.0001
%RSD	2.993	48.47	16.92	5.089	1.057	.2699	4.383	36.30	.6316	1.402

#1	.0087	.0074	.0092	.0091	.0095	.0099	.0105	.0132	.0100	.0097
#2	.0082	.0180	.0097	.0090	.0093	.0100	.0102	.0060	.0100	.0099
#3	.0087	.0094	.0125	.0099	.0094	.0099	.0111	.0113	.0101	.0098

Check ?	None	None	None	Chk Pass	Chk Pass	None	Chk Pass	None	None	Chk Pass
Value										
Range										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115	.0100	.0132	.0393	.0083	.0101	.0101	.0163	.0113	.0102
Stddev	.0005	.0001	.0014	.0341	.0011	.0005	.0004	.0043	.0001	.0007
%RSD	4.494	1.322	10.39	86.85	13.63	5.315	3.799	26.22	.8594	7.037

#1	.0120	.0101	.0116	.0429	.0096	.0104	.0101	.0210	.0113	.0096
#2	.0110	.0100	.0142	.0715	.0076	.0104	.0097	.0153	.0114	.0110
#3	.0114	.0098	.0137	.0035	.0078	.0095	.0105	.0127	.0112	.0099

Check ?	Chk Pass	Chk Pass	None	None	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value										
Range										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105	.0091	-.0027	.0088	.0099	.0102	.0092	.0099	.0099
Stddev	.0017	.0012	.0007	.0006	.0002	.0004	.0007	.0002	.0001
%RSD	16.54	13.19	24.96	7.094	1.708	3.965	8.053	1.919	.8883

#1	.0111	.0105	-.0027	.0081	.0097	.0105	.0100	.0100	.0100
#2	.0085	.0084	-.0021	.0093	.0100	.0097	.0086	.0096	.0098
#3	.0119	.0084	-.0035	.0089	.0101	.0103	.0090	.0100	.0098

Check ?	None	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4748.6	106250.	8460.4
Stddev	32.4	425.	24.1
%RSD	.68243	.40014	.28459

#1	4770.3	105820.	8488.0
#2	4764.0	106660.	8449.7
#3	4711.3	106280.	8443.5

Sample Name: 0.05 Acquired: 6/24/2019 9:07:33 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0491	.0504	.0481	.0473	.0477	.0503	.0507	.0449	.0499	.0499
Stddev	.0003	.0082	.0016	.0002	.0003	.0001	.0015	.0014	.0001	.0002
%RSD	.5403	16.20	3.316	.3516	.5513	.1445	2.930	3.203	.2372	.3964

#1	.0494	.0419	.0469	.0475	.0480	.0503	.0518	.0439	.0499	.0501
#2	.0488	.0509	.0474	.0472	.0475	.0502	.0490	.0443	.0498	.0497
#3	.0491	.0582	.0499	.0474	.0477	.0503	.0512	.0465	.0500	.0499

Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass	None	None
Value										
Range										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501	.0495	.0479	2.419	.0483	.0493	.0492	2.029	.0504	.0509
Stddev	.0003	.0004	.0017	.047	.0015	.0002	.0001	.005	.0001	.0008
%RSD	.5841	.8232	3.531	1.933	3.020	.4292	.2597	.2513	.1674	1.588

#1	.0500	.0493	.0465	2.426	.0469	.0491	.0492	2.034	.0504	.0515
#2	.0498	.0492	.0475	2.369	.0483	.0495	.0491	2.027	.0505	.0511
#3	.0504	.0499	.0498	2.461	.0498	.0494	.0493	2.025	.0503	.0500

Check ?	None	None	Chk Pass	Chk Pass	Chk Pass	None	None	Chk Pass	None	None
Value										
Range										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0480	.0482	.4688	.0472	.0501	.0495	.0488	.0492	.0498
Stddev	.0015	.0015	.0008	.0001	.0003	.0002	.0006	.0002	.0003
%RSD	3.218	3.182	.1685	.2057	.5320	.4656	1.149	.4892	.6878

#1	.0463	.0465	.4695	.0471	.0502	.0492	.0490	.0494	.0499
#2	.0490	.0495	.4680	.0473	.0502	.0496	.0482	.0490	.0495
#3	.0488	.0487	.4689	.0471	.0498	.0496	.0493	.0493	.0501

Check ?	Chk Pass	None	Chk Pass	None	None	None	None	Chk Pass	None
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4773.8	106880.	8458.2
Stddev	40.1	202.	12.5
%RSD	.83991	.18927	.14753

#1	4799.5	106650.	8443.8
#2	4794.3	106940.	8465.6
#3	4727.6	107040.	8465.3

Sample Name: ICSA Acquired: 6/24/2019 9:11:42 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0008	275.1	.0009	.0098	.0003	-.0004	.0089	260.6	-.0033	.0001
Stddev	.0003	.3	.0040	.0005	.0001	.0000	.0017	.4	.0000	.0002
%RSD	32.42	.1122	428.7	5.525	23.60	.7138	19.22	.1632	.4990	158.1
#1	-.0011	275.1	.0015	.0104	.0004	-.0004	.0080	261.0	-.0033	.0003
#2	-.0007	275.3	.0046	.0093	.0004	-.0004	.0108	260.6	-.0033	-.0001
#3	-.0006	274.7	-.0033	.0097	.0003	-.0004	.0078	260.2	-.0033	.0001

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	.0034	104.1	-.1112	257.7	.0003	.0006	.0759	-.0005	-.0025
Stddev	.0005	.0006	.1	.0222	1.0	.0003	.0004	.0066	.0004	.0024
%RSD	74.43	17.95	.1434	19.96	.4005	100.6	63.63	8.750	93.49	98.06
#1	.0011	.0027	104.2	-.1052	258.6	.0004	.0008	.0765	-.0009	-.0053
#2	.0001	.0037	104.2	-.1358	256.6	-.0000	.0007	.0822	-.0003	-.0013
#3	.0007	.0038	104.0	-.0926	258.0	.0005	.0002	.0690	-.0002	-.0009

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112	-.0055	.0046	.0008	.0096	.0033	-.0000	.0012	.0039
Stddev	.0002	.0035	.0007	.0008	.0002	.0003	.0012	.0002	.0001
%RSD	1.415	63.97	14.33	89.31	1.750	9.497	110800.	18.98	2.374
#1	.0112	-.0070	.0039	.0001	.0098	.0030	.0009	.0010	.0038
#2	.0111	-.0015	.0047	.0008	.0096	.0034	.0004	.0014	.0039
#3	.0114	-.0080	.0052	.0016	.0094	.0036	-.0013	.0013	.0040

Check ? Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4341.8	95837.	8079.9
Stddev	56.2	184.	14.3
%RSD	1.2954	.19180	.17683
#1	4376.7	95626.	8069.1
#2	4371.7	95926.	8096.1
#3	4276.9	95959.	8074.5

Sample Name: IPC Acquired: 6/24/2019 9:16:03 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024	F .1619	-.0013	.0005	-.0003	-.0033	.0035	F .1580	-.0001	.0002
Stddev	.0003	.0526	.0018	.0002	.0002	.0001	.0007	.0599	.0000	.0001
%RSD	13.07	32.51	137.3	36.77	56.26	2.909	19.27	37.94	53.73	35.63
#1	.0022	.1203	-.0023	.0007	-.0004	-.0034	.0028	.1057	-.0001	.0002
#2	.0023	.1443	.0008	.0003	-.0001	-.0033	.0035	.1448	-.0000	.0002
#3	.0028	.2210	-.0025	.0004	-.0003	-.0033	.0042	.2234	-.0001	.0001

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Fail	Chk Pass	Chk Pass
High Limit		.1000						.1000		
Low Limit		-.2000						-.2000		

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.54	-.0021	F .0800	-.0329	F .2646	10.58	.0005	.0111	.0006	.0011
Stddev	.02	.0008	.0224	.0513	.0169	.03	.0003	.0017	.0003	.0010
%RSD	.1986	36.40	28.06	156.0	6.381	.3037	56.15	15.25	44.84	84.84
#1	10.55	-.0025	.0602	.0029	.2835	10.55	.0006	.0102	.0004	.0016
#2	10.56	-.0012	.0754	-.0916	.2509	10.62	.0007	.0102	.0005	.0000
#3	10.52	-.0026	.1043	-.0098	.2595	10.58	.0002	.0131	.0010	.0018

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.0500		.1000					
Low Limit			-.1000		-.2000					

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0211	-.0039	-.0065	-.0021	-.0001	.0021	-.0082	10.68	.0005
Stddev	.0016	.0019	.0009	.0005	.0001	.0003	.0011	.02	.0002
%RSD	7.641	47.95	13.60	23.04	57.08	15.99	12.89	.2052	37.70
#1	-.0223	-.0061	-.0055	-.0026	-.0001	.0018	-.0094	10.70	.0006
#2	-.0192	-.0028	-.0070	-.0022	-.0001	.0021	-.0077	10.69	.0003
#3	-.0217	-.0028	-.0070	-.0016	-.0002	.0025	-.0074	10.65	.0007

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4683.7	107610.	8461.8
Stddev	73.1	224.	27.1
%RSD	1.5614	.20772	.32078
#1	4737.2	107530.	8493.1
#2	4713.6	107430.	8445.6
#3	4600.3	107860.	8446.6

Sample Name: CCV Acquired: 6/24/2019 9:20:17 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4858	.4920	.5155	.4876	.4882	.5110	-.0022	.5045	.4850	.4789
Stddev	.0029	.0060	.0033	.0030	.0005	.0039	.0003	.0090	.0032	.0024
%RSD	.6048	1.221	.6402	.6204	.0922	.7558	15.95	1.775	.6650	.4981

#1	.4885	.4986	.5126	.4856	.4888	.5082	-.0024	.5047	.4828	.4774
#2	.4827	.4905	.5148	.4862	.4880	.5093	-.0018	.5133	.4835	.4778
#3	.4862	.4869	.5191	.4911	.4879	.5154	-.0024	.4954	.4887	.4817

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4949	.4677	.5071	4.874	.5294	.4807	.4797	9.863	.4929	.5087
Stddev	.0010	.0003	.0031	.021	.0020	.0011	.0031	.023	.0032	.0033
%RSD	.2118	.0618	.6121	.4367	.3821	.2222	.6507	.2362	.6443	.6415

#1	.4961	.4674	.5040	4.876	.5298	.4812	.4772	9.876	.4913	.5071
#2	.4942	.4676	.5102	4.894	.5272	.4813	.4787	9.836	.4909	.5064
#3	.4942	.4680	.5071	4.851	.5312	.4794	.4832	9.877	.4966	.5124

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4883	.4869	4.901	.4946	.4972	.4860	.4824	.4956	.5000
Stddev	.0059	.0047	.018	.0032	.0005	.0006	.0035	.0018	.0036
%RSD	1.208	.9723	.3664	.6529	.1085	.1262	.7273	.3532	.7139

#1	.4815	.4830	4.894	.4912	.4977	.4867	.4808	.4976	.4986
#2	.4908	.4856	4.888	.4949	.4967	.4855	.4799	.4942	.4974
#3	.4925	.4922	4.922	.4976	.4972	.4859	.4864	.4951	.5041

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4740.8	105520.	8309.7
Stddev	53.8	323.	36.9
%RSD	1.1359	.30615	.44465

#1	4770.4	105280.	8332.3
#2	4773.2	105890.	8329.8
#3	4678.6	105400.	8267.1

Sample Name: CCB Acquired: 6/24/2019 9:24:31 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0025	.0009	.0008	-.0001	.0003	.0013	.0031	.0002	-.0000
Stddev	.0002	.0027	.0022	.0002	.0003	.0000	.0005	.0038	.0000	.0002
%RSD	624.8	107.5	241.0	23.29	206.6	15.90	38.96	121.4	22.34	3668.
#1	.0003	.0029	.0035	.0006	-.0002	.0003	.0019	.0041	.0002	.0000
#2	-.0002	-.0004	-.0002	.0008	.0002	.0003	.0011	.0063	.0001	-.0002
#3	.0001	.0050	-.0006	.0009	-.0004	.0002	.0009	-.0011	.0002	.0002

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	.0009	.0035	-.0287	.0071	.0009	.0013	.0078	.0012	.0006
Stddev	.0002	.0001	.0026	.0308	.0029	.0006	.0003	.0065	.0001	.0006
%RSD	20.58	14.98	73.07	107.3	40.84	65.64	23.99	84.05	11.79	98.80
#1	.0012	.0008	.0017	-.0245	.0065	.0006	.0016	.0017	.0011	.0004
#2	.0009	.0009	.0064	-.0002	.0102	.0015	.0012	.0147	.0011	.0002
#3	.0009	.0011	.0023	-.0613	.0045	.0005	.0010	.0069	.0013	.0014

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035	-.0044	-.0079	.0020	.0002	.0005	.0006	.0005	.0003
Stddev	.0012	.0009	.0005	.0003	.0000	.0003	.0008	.0003	.0001
%RSD	35.22	20.05	6.238	17.06	27.10	60.21	129.0	48.61	35.44
#1	.0041	-.0039	-.0073	.0022	.0002	.0004	.0014	.0007	.0004
#2	.0021	-.0054	-.0082	.0016	.0001	.0003	.0005	.0002	.0002
#3	.0043	-.0038	-.0080	.0022	.0002	.0008	-.0001	.0007	.0004

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4718.3	105320.	8297.3
Stddev	49.0	399.	56.8
%RSD	1.0388	.37844	.68481
#1	4732.7	104890.	8244.5
#2	4758.5	105670.	8290.0
#3	4663.7	105410.	8357.4

Sample Name: IPC Acquired: 6/24/2019 9:31:25 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024	-.0007	-.0012	-.0007	-.0003	-.0035	.0028	-.0283	.0000	.0003
Stddev	.0001	.0105	.0033	.0006	.0003	.0001	.0013	.0025	.0000	.0002
%RSD	5.386	1602.	264.6	78.59	105.6	3.627	46.54	8.936	78.93	59.78

#1	.0026	.0071	-.0021	-.0005	.0001	-.0034	.0034	-.0276	.0000	.0004
#2	.0024	-.0126	-.0040	-.0014	-.0004	-.0035	.0037	-.0262	.0000	.0002
#3	.0023	.0036	.0024	-.0003	-.0005	-.0037	.0013	-.0311	.0000	.0001

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.631	-.0019	-.0030	-.0677	.0056	9.679	.0005	-.0002	.0003	.0011
Stddev	.012	.0004	.0011	.0233	.0022	.115	.0001	.0115	.0001	.0005
%RSD	.1237	20.88	36.48	34.34	40.13	1.182	17.71	5841.	53.56	47.89

#1	9.644	-.0023	-.0027	-.0656	.0057	9.811	.0006	.0032	.0004	.0006
#2	9.625	-.0018	-.0042	-.0456	.0033	9.621	.0006	-.0130	.0001	.0017
#3	9.622	-.0016	-.0021	-.0920	.0078	9.605	.0004	.0092	.0002	.0011

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0187	-.0003	-.0092	-.0023	-.0001	.0022	-.0069	9.773	-.0010
Stddev	.0011	.0029	.0003	.0013	.0000	.0002	.0004	.011	.0001
%RSD	6.119	989.8	2.723	56.98	21.85	6.838	6.547	.1158	8.630

#1	-.0174	-.0013	-.0093	-.0038	-.0001	.0023	-.0066	9.786	-.0009
#2	-.0193	-.0025	-.0094	-.0013	-.0001	.0022	-.0066	9.765	-.0009
#3	-.0195	.0030	-.0089	-.0019	-.0001	.0020	-.0074	9.768	-.0011

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4731.1	106820.	8435.7
Stddev	32.6	181.	82.5
%RSD	.68941	.16930	.97814

#1	4756.2	106670.	8347.4
#2	4742.8	107020.	8449.0
#3	4694.2	106780.	8510.8

Sample Name: 0.005 Acquired: 6/24/2019 9:35:37 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049	.0099	F .0071	.0046	.0050	.0056	.0054	.0076	.0052	.0051
Stddev	.0003	.0035	.0035	.0008	.0002	.0001	.0007	.0090	.0001	.0001
%RSD	6.156	35.72	48.69	16.41	4.017	1.436	13.67	119.2	1.850	1.165

#1	.0050	.0138	.0081	.0039	.0052	.0057	.0058	.0007	.0053	.0051
#2	.0045	.0068	.0033	.0046	.0049	.0056	.0058	.0042	.0052	.0052
#3	.0050	.0092	.0100	.0054	.0048	.0055	.0045	.0178	.0051	.0051

Check ?	Chk Pass	None	Chk Fail	None	None	Chk Pass	None	None	Chk Pass	None
High Limit			.0066							
Low Limit			.0034							

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085	.0065	.0032	.2415	.0083	.0079	.0052	.2357	.0055	.0056
Stddev	.0008	.0002	.0016	.0218	.0012	.0004	.0002	.0057	.0003	.0010
%RSD	9.025	2.642	49.25	9.043	13.87	4.781	4.098	2.436	5.929	18.85

#1	.0093	.0063	.0038	.2549	.0092	.0083	.0055	.2423	.0053	.0064
#2	.0082	.0067	.0045	.2533	.0070	.0076	.0051	.2324	.0053	.0060
#3	.0079	.0065	.0014	.2163	.0087	.0078	.0052	.2324	.0059	.0044

Check ?	None	None	None	None	None	None	None	None	None	None
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043	.0044	.0342	.0042	.0057	.0052	.0054	.0080	.0057
Stddev	.0003	.0033	.0008	.0004	.0001	.0003	.0013	.0008	.0001
%RSD	6.150	75.49	2.219	9.300	1.615	4.868	24.20	9.543	1.721

#1	.0045	.0032	.0351	.0042	.0058	.0051	.0065	.0088	.0056
#2	.0040	.0081	.0338	.0038	.0056	.0055	.0057	.0078	.0057
#3	.0045	.0018	.0338	.0045	.0056	.0051	.0039	.0073	.0058

Check ?	None	None	None	None	None	None	None	None	None
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4777.5	106000.	8399.7
Stddev	39.0	408.	27.8
%RSD	.81697	.38498	.33060

#1	4804.3	106200.	8373.2
#2	4795.4	105540.	8428.6
#3	4732.7	106280.	8397.4

Sample Name: 0.005 Acquired: 6/24/2019 9:42:19 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044	-.0150	.0052	.0045	.0045	.0053	.0051	.0133	.0051	.0048
Stddev	.0003	.0026	.0015	.0002	.0001	.0000	.0003	.0040	.0000	.0001
%RSD	6.361	17.11	28.41	3.453	2.922	.5286	5.908	30.40	.5541	1.287

#1	.0044	-.0120	.0039	.0043	.0045	.0053	.0050	.0101	.0051	.0048
#2	.0040	-.0166	.0068	.0046	.0046	.0053	.0048	.0120	.0051	.0048
#3	.0046	-.0163	.0048	.0046	.0044	.0053	.0054	.0178	.0050	.0047

Check ?	Chk Pass	None	Chk Pass	None	None	Chk Pass	None	None	Chk Pass	None
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059	.0064	.0084	.0156	.0082	.0056	.0052	.0086	.0060	.0056
Stddev	.0002	.0004	.0009	.0283	.0024	.0004	.0002	.0063	.0002	.0006
%RSD	3.054	5.730	10.28	182.0	29.45	6.738	3.056	73.51	4.163	9.916

#1	.0060	.0067	.0086	.0307	.0079	.0053	.0053	.0076	.0063	.0050
#2	.0060	.0065	.0074	.0331	.0059	.0060	.0050	.0154	.0058	.0061
#3	.0057	.0060	.0091	-.0171	.0108	.0054	.0052	.0028	.0059	.0056

Check ?	None	None	None	None	None	None	None	None	None	None
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052	.0030	-.0100	.0044	.0051	.0051	.0058	.0054	.0053
Stddev	.0008	.0002	.0008	.0007	.0000	.0003	.0005	.0001	.0002
%RSD	15.16	5.858	7.994	16.50	.1080	5.060	8.403	2.034	2.872

#1	.0046	.0029	-.0096	.0036	.0051	.0052	.0061	.0053	.0052
#2	.0048	.0030	-.0109	.0046	.0051	.0053	.0052	.0054	.0052
#3	.0061	.0033	-.0095	.0051	.0051	.0049	.0060	.0055	.0055

Check ?	None	None	None	None	None	None	None	None	None
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4753.1	106110.	8278.6
Stddev	45.8	489.	22.2
%RSD	.96333	.46051	.26798

#1	4771.6	106180.	8257.5
#2	4786.7	105590.	8301.7
#3	4700.9	106560.	8276.6

Sample Name: CCV Acquired: 6/24/2019 9:53:50 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4986	.4857	.5118	.4899	.4849	.5108	-.0012	.5022	.4768	.4733
Stddev	.0027	.0020	.0009	.0020	.0010	.0021	.0006	.0015	.0032	.0028
%RSD	.5505	.4166	.1708	.4030	.2073	.4167	54.39	.3083	.6808	.5965
#1	.4960	.4840	.5126	.4887	.4837	.5089	-.0006	.5006	.4756	.4722
#2	.4983	.4879	.5119	.4888	.4854	.5131	-.0011	.5023	.4743	.4712
#3	.5014	.4851	.5109	.4922	.4855	.5103	-.0018	.5037	.4804	.4765

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4945	.4704	.5077	4.760	.5197	.4765	.4740	9.908	.4890	.5009
Stddev	.0020	.0009	.0052	.043	.0041	.0020	.0028	.029	.0032	.0043
%RSD	.4102	.1882	1.029	.9061	.7884	.4129	.5842	.2910	.6511	.8595
#1	.4924	.4702	.5029	4.785	.5151	.4743	.4717	9.876	.4880	.5029
#2	.4947	.4713	.5133	4.784	.5212	.4771	.4733	9.920	.4865	.4960
#3	.4965	.4695	.5070	4.710	.5228	.4782	.4771	9.930	.4926	.5039

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4929	.4867	4.889	.4832	.5037	.4818	.4787	.4978	.4902
Stddev	.0019	.0037	.021	.0036	.0008	.0007	.0030	.0026	.0031
%RSD	.3833	.7669	.4284	.7366	.1523	.1501	.6179	.5319	.6277
#1	.4914	.4836	4.886	.4812	.5035	.4811	.4777	.4953	.4890
#2	.4922	.4856	4.870	.4811	.5046	.4817	.4764	.4974	.4879
#3	.4950	.4908	4.912	.4873	.5031	.4826	.4820	.5006	.4937

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4756.8	104940.	8298.3
Stddev	42.9	452.	33.1
%RSD	.90116	.43055	.39913
#1	4775.9	105360.	8336.6
#2	4786.9	105000.	8278.0
#3	4707.8	104460.	8280.5

Sample Name: CCB Acquired: 6/24/2019 9:58:03 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	-.0011	.0005	.0004	-.0000	.0003	-.0004	.0008	.0002	.0002
Stddev	.0004	.0032	.0017	.0003	.0002	.0000	.0004	.0027	.0000	.0001
%RSD	995.7	297.2	313.2	76.89	414.4	6.808	113.8	358.1	17.12	60.26

#1	.0003	-.0011	-.0010	.0002	.0002	.0003	-.0007	.0039	.0002	.0003
#2	-.0004	-.0042	.0024	.0002	-.0001	.0003	-.0005	-.0003	.0003	.0001
#3	-.0000	.0021	.0002	.0008	-.0002	.0004	.0001	-.0013	.0003	.0001

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0020	-.0001	-.0671	.0050	.0007	.0011	.0143	.0011	-.0002
Stddev	.0002	.0005	.0022	.0018	.0012	.0004	.0004	.0052	.0001	.0012
%RSD	102.9	23.28	1776.	2.707	23.78	49.94	37.13	36.60	5.399	569.9

#1	.0003	.0022	-.0017	-.0684	.0044	.0003	.0015	.0190	.0011	.0004
#2	-.0000	.0023	-.0012	-.0650	.0042	.0010	.0009	.0153	.0011	-.0016
#3	.0004	.0014	.0024	-.0678	.0063	.0009	.0008	.0086	.0012	.0006

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039	-.0040	-.0075	.0021	.0002	.0006	-.0005	.0003	.0002
Stddev	.0014	.0037	.0008	.0009	.0001	.0004	.0009	.0002	.0000
%RSD	34.93	92.80	10.77	44.22	57.87	71.37	184.0	74.69	25.15

#1	.0055	-.0009	-.0067	.0032	.0001	.0010	-.0003	.0001	.0002
#2	.0031	-.0029	-.0083	.0018	.0002	.0005	-.0014	.0005	.0002
#3	.0032	-.0081	-.0074	.0014	.0003	.0002	.0003	.0003	.0001

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4715.3	103840.	8193.6
Stddev	60.1	283.	16.8
%RSD	1.2743	.27233	.20507

#1	4739.4	103520.	8212.2
#2	4759.6	104050.	8179.6
#3	4646.9	103960.	8189.1

Sample Name: WG1251937-1,C Acquired: 6/24/2019 10:06:15 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0004	.0064	.0020	.0019	.0004	.0001	.0003	.0097	.0000	.0001
Stddev	.0001	.0025	.0037	.0002	.0001	.0000	.0004	.0042	.0000	.0001
%RSD	35.06	39.93	186.7	12.45	26.39	7.990	140.3	43.84	60.99	87.86

#1	-.0003	.0072	-.0020	.0020	.0004	.0001	.0006	.0123	.0001	.0000
#2	-.0004	.0035	.0027	.0016	.0003	.0001	-.0002	.0119	.0000	.0002
#3	-.0005	.0084	.0053	.0021	.0005	.0001	.0004	.0048	.0000	.0002

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0008	.0027	-.0026	-.0035	-.0002	.0001	.0002	137.7	.0006	.0011
Stddev	.0002	.0003	.0004	.0179	.0025	.0006	.0000	.5	.0001	.0003
%RSD	28.66	10.22	16.73	504.8	1353.	509.1	18.34	.3424	23.36	32.50

#1	-.0008	.0030	-.0031	.0031	-.0030	-.0001	.0002	137.3	.0004	.0010
#2	-.0010	.0028	-.0024	.0101	.0017	-.0003	.0003	137.6	.0007	.0008
#3	-.0005	.0024	-.0023	-.0238	.0008	.0008	.0002	138.2	.0006	.0014

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	-.0026	.0081	.0023	.0002	.0001	.0001	-.0003	.0010
Stddev	.0017	.0026	.0006	.0005	.0001	.0002	.0010	.0003	.0001
%RSD	173.4	99.11	6.903	23.97	26.36	309.3	735.7	81.83	9.073

#1	.0029	-.0045	.0075	.0021	.0002	.0002	-.0002	-.0003	.0009
#2	.0007	-.0038	.0086	.0029	.0003	-.0001	.0013	-.0001	.0011
#3	-.0006	.0004	.0081	.0018	.0003	.0001	-.0007	-.0006	.0010

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4509.6	98779.	8001.7
Stddev	54.7	233.	46.7
%RSD	1.2129	.23543	.58342

#1	4537.5	98513.	8048.4
#2	4544.7	98947.	8001.7
#3	4446.6	98876.	7955.0

Sample Name: WG1251937-2,C Acquired: 6/24/2019 10:10:31 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0472	1.914	.1260	1.014	1.921	.0511	-.0022	9.483	.0528	.4800
Stddev	.0005	.021	.0026	.007	.013	.0000	.0006	.058	.0004	.0029
%RSD	.9779	1.100	2.038	.7068	.6699	.0825	25.45	.6075	.6876	.6107

#1	.0474	1.896	.1289	1.010	1.913	.0511	-.0028	9.447	.0527	.4782
#2	.0466	1.937	.1240	1.010	1.936	.0511	-.0023	9.549	.0526	.4783
#3	.0475	1.909	.1252	1.023	1.914	.0511	-.0016	9.452	.0533	.4833

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1953	.2316	1.052	9.637	9.644	.4691	.9505	146.7	.4793	.5068
Stddev	.0005	.0008	.006	.066	.010	.0043	.0056	.8	.0027	.0051
%RSD	.2702	.3352	.5716	.6870	.1060	.9104	.5872	.5743	.5642	1.013

#1	.1954	.2324	1.046	9.601	9.655	.4661	.9463	146.0	.4780	.5026
#2	.1958	.2314	1.058	9.713	9.641	.4740	.9483	147.6	.4776	.5052
#3	.1948	.2309	1.052	9.596	9.636	.4673	.9568	146.3	.4825	.5125

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5034	.1235	.2643	.9404	.9852	.9598	.1113	.5097	.5184
Stddev	.0050	.0023	.0031	.0072	.0076	.0019	.0012	.0028	.0039
%RSD	.9915	1.873	1.179	.7676	.7715	.2021	1.108	.5563	.7477

#1	.4992	.1242	.2670	.9366	.9794	.9601	.1111	.5106	.5161
#2	.5021	.1209	.2609	.9358	.9938	.9616	.1102	.5120	.5161
#3	.5089	.1253	.2650	.9487	.9823	.9577	.1126	.5066	.5229

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4494.4	99498.	8036.4
Stddev	39.5	264.	11.4
%RSD	.87801	.26491	.14139

#1	4518.7	99216.	8042.2
#2	4515.6	99539.	8043.7
#3	4448.8	99738.	8023.3

Sample Name: L1926386-01,C Acquired: 6/24/2019 10:14:33 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0006	.0107	.0009	.0104	.0133	.0002	.0002	5.031	.0002	.0016
Stddev	.0007	.0061	.0017	.0004	.0002	.0000	.0009	.029	.0001	.0000
%RSD	120.1	56.63	203.9	3.949	1.442	1.255	471.0	.5711	28.77	1.505

#1	.0002	.0161	.0027	.0109	.0136	.0002	-.0003	5.064	.0001	.0015
#2	-.0012	.0042	.0005	.0101	.0132	.0002	-.0004	5.009	.0002	.0016
#3	-.0007	.0118	-.0007	.0103	.0132	.0002	.0013	5.020	.0002	.0016

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0009	.0034	.0157	.3780	.5322	.1460	.0019	137.7	.0019	.0059
Stddev	.0001	.0003	.0008	.0325	.0039	.0006	.0002	.4	.0002	.0007
%RSD	14.07	8.206	4.904	8.593	.7293	.4445	10.39	.2834	7.961	11.10

#1	-.0010	.0031	.0152	.3997	.5348	.1466	.0021	138.0	.0018	.0060
#2	-.0007	.0036	.0166	.3937	.5278	.1453	.0020	137.3	.0021	.0053
#3	-.0009	.0034	.0154	.3407	.5341	.1460	.0017	137.7	.0019	.0066

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0015	.2826	-.0005	.0245	.0010	-.0002	.0001	.0180
Stddev	.0010	.0020	.0010	.0003	.0001	.0002	.0006	.0002	.0001
%RSD	654.9	135.6	.3368	59.12	.4954	15.28	256.3	359.5	.6764

#1	-.0010	.0033	.2831	-.0005	.0245	.0008	.0004	-.0002	.0180
#2	.0009	-.0007	.2815	-.0002	.0244	.0011	-.0008	.0002	.0179
#3	.0005	.0019	.2832	-.0008	.0247	.0011	-.0003	.0002	.0181

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4501.7	98983.	8017.6
Stddev	67.8	328.	36.2
%RSD	1.5062	.33169	.45101

#1	4535.2	99297.	8015.8
#2	4546.3	98642.	8054.5
#3	4423.7	99011.	7982.3

Sample Name: WG1251937-3,C Acquired: 6/24/2019 10:18:47 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502	2.055	.1355	1.067	2.034	.0540	-.0023	15.23	.0553	.5026
Stddev	.0006	.005	.0024	.009	.001	.0005	.0009	.02	.0004	.0039
%RSD	1.146	.2382	1.757	.8545	.0573	.8559	37.53	.1085	.7517	.7791

#1	.0506	2.055	.1378	1.062	2.033	.0543	-.0016	15.21	.0551	.5007
#2	.0505	2.059	.1331	1.061	2.033	.0542	-.0033	15.24	.0551	.5000
#3	.0496	2.050	.1358	1.077	2.035	.0535	-.0019	15.24	.0558	.5071

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2067	.2441	1.135	10.61	10.82	.6480	.9968	154.5	.5000	.5361
Stddev	.0014	.0025	.007	.04	.05	.0017	.0070	.9	.0046	.0037
%RSD	.6988	1.043	.6229	.3824	.4326	.2603	.7028	.5505	.9151	.6894

#1	.2084	.2470	1.143	10.56	10.84	.6498	.9940	154.6	.4981	.5340
#2	.2060	.2421	1.130	10.64	10.84	.6464	.9916	155.3	.4968	.5340
#3	.2058	.2431	1.132	10.63	10.76	.6477	1.005	153.6	.5053	.5404

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5237	.1318	.5774	.9852	1.072	1.020	.1146	.5408	.5588
Stddev	.0040	.0022	.0052	.0072	.002	.011	.0017	.0040	.0055
%RSD	.7577	1.674	.8967	.7288	.1938	1.108	1.479	.7392	.9757

#1	.5213	.1333	.5744	.9802	1.074	1.032	.1137	.5454	.5567
#2	.5214	.1293	.5745	.9819	1.071	1.010	.1134	.5388	.5546
#3	.5282	.1329	.5834	.9934	1.070	1.016	.1165	.5382	.5649

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4495.3	98269.	7954.2
Stddev	48.3	369.	39.7
%RSD	1.0735	.37591	.49950

#1	4524.3	98409.	7971.8
#2	4521.9	98548.	7908.7
#3	4439.6	97850.	7982.1

Sample Name: WG1251937-4,C Acquired: 6/24/2019 10:22:58 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0363	.0006	.0113	.0133	.0002	.0002	5.026	.0001	.0016
Stddev	.0004	.0029	.0024	.0006	.0004	.0000	.0010	.010	.0000	.0000
%RSD	252.2	7.923	426.5	5.364	2.779	8.448	435.1	.2058	36.22	1.556

#1	.0005	.0349	.0032	.0113	.0131	.0002	.0010	5.019	.0001	.0016
#2	.0001	.0396	-.0003	.0120	.0131	.0001	-.0009	5.038	.0001	.0016
#3	-.0002	.0343	-.0012	.0107	.0137	.0002	.0006	5.022	.0002	.0015

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0008	.0039	.0124	.3984	.5412	.1461	.0021	138.2	.0020	.0051
Stddev	.0002	.0002	.0014	.0061	.0058	.0007	.0003	.2	.0003	.0011
%RSD	21.60	4.406	10.91	1.538	1.071	.5077	16.04	.1758	13.10	22.51

#1	-.0007	.0039	.0114	.3914	.5441	.1467	.0025	138.5	.0018	.0064
#2	-.0008	.0037	.0139	.4006	.5449	.1463	.0022	138.1	.0019	.0045
#3	-.0010	.0040	.0118	.4031	.5345	.1453	.0018	138.1	.0023	.0044

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0001	.2877	-.0009	.0245	.0008	.0006	-.0000	.0176
Stddev	.0009	.0029	.0015	.0006	.0001	.0005	.0006	.0003	.0001
%RSD	1800.	2352.	.5322	68.74	.5956	68.13	94.91	699.2	.3408

#1	.0001	-.0016	.2869	-.0003	.0247	.0014	.0002	-.0001	.0176
#2	.0009	.0035	.2867	-.0016	.0244	.0004	.0012	.0002	.0175
#3	-.0008	-.0015	.2895	-.0009	.0246	.0005	.0004	-.0003	.0176

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4511.4	98986.	7956.3
Stddev	60.4	145.	38.1
%RSD	1.3396	.14654	.47934

#1	4548.2	99115.	7931.8
#2	4544.3	99014.	7936.9
#3	4441.7	98829.	8000.3

Sample Name: WG1251937-5,C Acquired: 6/24/2019 10:27:12 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009	1.953	.1316	1.028	1.875	.0507	-.0021	14.26	.0519	.4691
Stddev	.0001	.013	.0016	.011	.005	.0004	.0019	.05	.0004	.0025
%RSD	13.64	.6457	1.195	1.056	.2630	.7038	93.04	.3562	.7996	.5290

#1	.0008	1.965	.1332	1.018	1.878	.0510	-.0033	14.32	.0516	.4676
#2	.0010	1.953	.1315	1.027	1.878	.0508	.0002	14.25	.0517	.4678
#3	.0008	1.940	.1300	1.040	1.870	.0503	-.0032	14.22	.0523	.4720

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1928	.2255	1.083	9.015	10.38	.6034	.9443	143.5	.4670	.5093
Stddev	.0018	.0008	.012	.227	.09	.0030	.0040	.2	.0022	.0041
%RSD	.9110	.3374	1.090	2.515	.8568	.4920	.4207	.1718	.4802	.8081

#1	.1945	.2246	1.096	8.774	10.44	.6069	.9403	143.6	.4652	.5061
#2	.1930	.2260	1.082	9.047	10.42	.6015	.9443	143.7	.4663	.5078
#3	.1910	.2258	1.072	9.224	10.28	.6020	.9482	143.2	.4695	.5139

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4898	.1267	.4198	.9323	1.013	.9666	.1128	.5011	.5210
Stddev	.0039	.0016	.0016	.0047	.002	.0034	.0020	.0028	.0032
%RSD	.7982	1.229	.3916	.5071	.1575	.3527	1.732	.5539	.6089

#1	.4856	.1249	.4216	.9330	1.014	.9705	.1107	.5037	.5188
#2	.4905	.1278	.4185	.9273	1.013	.9654	.1131	.5014	.5196
#3	.4933	.1272	.4192	.9366	1.011	.9640	.1145	.4982	.5247

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4512.6	99118.	7892.5
Stddev	35.9	305.	26.1
%RSD	.79528	.30721	.33041

#1	4529.4	99227.	7867.8
#2	4537.1	99354.	7890.1
#3	4471.4	98774.	7919.7

Sample Name: L1926621-05,C Acquired: 6/24/2019 10:31:15 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0018	.0287	.0019	.0082	.0526	.0001	-.0005	16.66	.0002	.0019
Stddev	.0008	.0032	.0011	.0004	.0002	.0000	.0005	.05	.0000	.0002
%RSD	45.55	11.08	55.37	5.175	.3529	.7684	104.0	.3171	6.217	7.920

#1	-.0009	.0251	.0023	.0081	.0526	.0001	-.0004	16.69	.0002	.0018
#2	-.0021	.0308	.0007	.0079	.0528	.0001	-.0010	16.69	.0002	.0019
#3	-.0024	.0303	.0027	.0087	.0524	.0001	-.0001	16.60	.0002	.0021

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0010	.0032	.6871	.5088	1.875	.4059	.0020	138.7	.0020	.0114
Stddev	.0005	.0002	.0072	.0303	.013	.0018	.0005	.5	.0003	.0017
%RSD	48.84	5.527	1.055	5.949	.6734	.4436	24.17	.3754	16.40	15.16

#1	-.0015	.0031	.6849	.5432	1.868	.4067	.0023	138.8	.0016	.0134
#2	-.0006	.0031	.6951	.4973	1.890	.4072	.0021	139.2	.0020	.0101
#3	-.0009	.0034	.6811	.4860	1.868	.4039	.0014	138.2	.0023	.0109

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	.0002	.1662	-.0008	.0945	.0020	-.0006	-.0002	.0188
Stddev	.0011	.0026	.0008	.0001	.0006	.0001	.0004	.0004	.0001
%RSD	107.8	1240.	.4594	8.027	.6053	7.513	59.66	170.0	.6970

#1	.0012	.0005	.1655	-.0009	.0947	.0019	-.0002	-.0000	.0188
#2	.0019	-.0025	.1661	-.0008	.0949	.0019	-.0006	-.0006	.0189
#3	-.0002	.0027	.1670	-.0008	.0938	.0021	-.0010	-.0000	.0187

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4515.2	98878.	7966.8
Stddev	48.0	188.	24.8
%RSD	1.0622	.19005	.31108

#1	4537.4	98666.	7972.5
#2	4548.0	99023.	7939.7
#3	4460.1	98947.	7988.3

Sample Name: L1926621-06,C Acquired: 6/24/2019 10:36:08 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0020	.0404	.0008	.0264	.0534	.0001	-.0001	15.60	.0002	.0023
Stddev	.0003	.0085	.0005	.0005	.0003	.0000	.0015	.01	.0000	.0001
%RSD	15.48	20.95	63.60	1.747	.5980	9.195	1059.	.0561	12.96	4.520

#1	-.0020	.0377	.0011	.0269	.0532	.0001	.0015	15.61	.0002	.0023
#2	-.0023	.0498	.0011	.0264	.0532	.0001	-.0003	15.60	.0002	.0024
#3	-.0017	.0336	.0002	.0260	.0537	.0002	-.0016	15.59	.0003	.0022

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0005	.0039	.6623	.5960	3.550	.3908	.0005	141.1	.0025	.0087
Stddev	.0002	.0006	.0065	.0401	.014	.0002	.0001	.1	.0000	.0006
%RSD	33.86	14.20	.9781	6.727	.3939	.0483	30.95	.1007	1.152	7.058

#1	-.0004	.0045	.6659	.5865	3.566	.3909	.0006	141.1	.0025	.0087
#2	-.0008	.0035	.6548	.6400	3.539	.3906	.0004	140.9	.0025	.0081
#3	-.0004	.0037	.6662	.5615	3.545	.3909	.0004	141.2	.0025	.0093

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	-.0025	.2087	-.0005	.0399	.0013	-.0006	-.0005	.0225
Stddev	.0002	.0012	.0007	.0007	.0001	.0000	.0005	.0000	.0001
%RSD	37.82	47.12	.3341	138.5	.1530	2.670	86.37	3.063	.2437

#1	.0005	-.0034	.2079	-.0010	.0399	.0013	-.0005	-.0005	.0226
#2	.0003	-.0012	.2093	.0003	.0400	.0013	-.0011	-.0005	.0225
#3	.0007	-.0030	.2089	-.0008	.0399	.0013	-.0001	-.0005	.0226

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4514.4	99061.	7929.0
Stddev	31.0	308.	7.4
%RSD	.68637	.31134	.09366

#1	4532.8	99318.	7920.6
#2	4531.7	98719.	7931.9
#3	4478.6	99146.	7934.6

Sample Name: WG1251937-6,C,5 Acquired: 6/24/2019 10:40:19 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	-.0008	.0038	.0024	.0027	.0001	.0006	1.111	.0000	.0002
Stddev	.0005	.0073	.0016	.0003	.0002	.0000	.0024	.010	.0001	.0001
%RSD	781.6	918.7	42.70	12.75	8.452	13.75	411.1	.9168	136.3	45.73

#1	-.0003	-.0016	.0040	.0021	.0028	.0001	-.0021	1.119	.0001	.0002
#2	-.0002	-.0076	.0021	.0027	.0024	.0001	.0023	1.114	-.0000	.0002
#3	.0006	.0069	.0054	.0025	.0028	.0001	.0016	1.099	.0000	.0004

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0005	.0022	.0009	.0173	.1215	.0323	.0003	30.93	.0011	.0015
Stddev	.0006	.0003	.0012	.0253	.0016	.0007	.0002	.28	.0001	.0018
%RSD	116.6	12.64	125.4	145.9	1.347	2.079	59.19	.9134	12.14	116.2

#1	-.0005	.0021	-.0004	-.0038	.1225	.0329	.0003	31.22	.0013	.0018
#2	-.0010	.0026	.0012	.0453	.1224	.0323	.0005	30.89	.0011	-.0004
#3	.0001	.0021	.0019	.0105	.1196	.0316	.0002	30.66	.0010	.0031

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0006	-.0040	.0479	-.0011	.0054	-.0003	-.0002	-.0003	.0039
Stddev	.0008	.0013	.0029	.0003	.0001	.0005	.0002	.0004	.0001
%RSD	119.7	31.96	6.137	25.64	1.354	207.1	144.6	145.9	3.489

#1	.0002	-.0040	.0467	-.0009	.0054	-.0007	-.0001	-.0001	.0040
#2	-.0008	-.0053	.0512	-.0009	.0053	-.0004	.0000	.0000	.0039
#3	-.0013	-.0027	.0456	-.0014	.0054	.0003	-.0004	-.0007	.0037

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4681.7	102850.	8059.3
Stddev	10.3	272.	26.9
%RSD	.22026	.26410	.33401

#1	4682.1	102800.	8037.3
#2	4691.8	103150.	8089.3
#3	4671.2	102610.	8051.2

Sample Name: WG1251105-1,T Acquired: 6/24/2019 10:44:32 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0003	.0001	.0011	-.0005	-.0002	.0001	.0001	.0117	.0000	-.0001
Stddev	.0007	.0074	.0033	.0003	.0001	.0000	.0012	.0058	.0000	.0000
%RSD	261.2	7105.	288.5	54.34	31.66	3.874	2079.	49.53	125.1	33.31

#1	-.0006	.0026	-.0017	-.0006	-.0002	.0001	-.0003	.0052	.0000	-.0002
#2	-.0008	.0059	.0004	-.0007	-.0001	.0001	.0014	.0136	.0000	-.0001
#3	.0006	-.0082	.0048	-.0002	-.0002	.0001	-.0010	.0162	.0000	-.0002

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0008	.0024	.0565	-.0162	.0038	.0005	.0001	.1690	.0010	.0008
Stddev	.0003	.0004	.0005	.0185	.0022	.0000	.0001	.0334	.0001	.0004
%RSD	36.57	16.06	.8443	114.0	57.42	4.158	91.56	19.75	8.554	48.54

#1	-.0005	.0025	.0570	-.0146	.0059	.0005	.0002	.1515	.0011	.0004
#2	-.0011	.0026	.0560	-.0355	.0016	.0005	-.0000	.2075	.0009	.0012
#3	-.0008	.0019	.0565	.0014	.0038	.0005	.0002	.1479	.0010	.0007

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0003	-.0047	-.0099	-.0017	-.0001	-.0001	.0002	-.0001	.0006
Stddev	.0010	.0004	.0007	.0001	.0002	.0002	.0006	.0002	.0003
%RSD	325.9	7.806	6.925	7.507	250.9	470.0	398.0	173.7	44.50

#1	-.0002	-.0044	-.0106	-.0019	-.0002	-.0000	-.0005	-.0003	.0009
#2	-.0014	-.0045	-.0100	-.0016	-.0001	.0002	.0007	-.0003	.0004
#3	.0007	-.0051	-.0092	-.0017	.0001	-.0003	.0003	.0001	.0005

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4707.1	104030.	8084.0
Stddev	48.9	71.	30.4
%RSD	1.0398	.06831	.37572

#1	4738.0	103950.	8100.5
#2	4732.6	104070.	8102.7
#3	4650.6	104080.	8049.0

Sample Name: CCV Acquired: 6/24/2019 10:48:48 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5092	.4881	.5134	.4930	.4887	.5240	-.0025	.5016	.4851	.4810
Stddev	.0012	.0091	.0049	.0020	.0003	.0010	.0005	.0051	.0030	.0021
%RSD	.2302	1.867	.9458	.3988	.0654	.1940	19.14	1.023	.6126	.4307

#1	.5093	.4838	.5108	.4912	.4890	.5230	-.0026	.5006	.4835	.4803
#2	.5103	.4986	.5105	.4927	.4883	.5250	-.0030	.4971	.4833	.4795
#3	.5080	.4820	.5190	.4951	.4887	.5242	-.0020	.5072	.4885	.4834

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4999	.4671	.5268	4.905	F .5544	.4814	.4804	10.11	.4923	.5114
Stddev	.0006	.0004	.0038	.022	.0031	.0020	.0030	.01	.0027	.0040
%RSD	.1297	.0937	.7272	.4433	.5555	.4074	.6198	.1328	.5427	.7761

#1	.5001	.4670	.5296	4.905	.5579	.4796	.4784	10.11	.4905	.5092
#2	.4991	.4676	.5283	4.884	.5523	.4835	.4790	10.12	.4910	.5091
#3	.5004	.4668	.5224	4.927	.5529	.4812	.4838	10.10	.4954	.5160

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					.5524					
Low Limit					.4476					

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4924	.4864	4.878	.4940	.5204	.4871	.4828	.5020	.4980
Stddev	.0053	.0036	.024	.0044	.0004	.0008	.0018	.0013	.0030
%RSD	1.066	.7450	.4824	.8932	.0757	.1675	.3699	.2584	.6081

#1	.4874	.4831	4.866	.4910	.5208	.4879	.4820	.5031	.4961
#2	.4920	.4858	4.863	.4919	.5201	.4862	.4816	.5022	.4963
#3	.4979	.4903	4.905	.4990	.5203	.4871	.4849	.5005	.5014

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4686.0	103200.	7959.9
Stddev	55.5	396.	8.8
%RSD	1.1846	.38325	.11044

#1	4714.6	102740.	7950.0
#2	4721.4	103440.	7966.7
#3	4622.0	103410.	7963.1

Sample Name: CCB Acquired: 6/24/2019 10:53:01 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	.0034	.0002	.0007	.0000	.0004	-.0000	.0071	.0003	.0000
Stddev	.0001	.0039	.0012	.0002	.0001	.0000	.0005	.0082	.0000	.0002
%RSD	467.2	115.7	490.8	24.32	361.1	1.365	1671.	114.5	13.83	744.4
#1	-.0000	.0018	-.0009	.0008	-.0001	.0004	-.0003	-.0012	.0002	-.0002
#2	-.0002	.0005	.0002	.0008	-.0000	.0004	.0006	.0151	.0003	.0003
#3	.0001	.0078	.0014	.0005	.0001	.0004	-.0004	.0075	.0003	.0000

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0025	.0012	-.0429	.0057	.0005	.0013	.0265	.0018	.0002
Stddev	.0002	.0002	.0006	.0077	.0034	.0002	.0003	.0125	.0001	.0011
%RSD	102.9	7.160	51.94	17.98	59.90	31.54	26.36	47.28	7.053	617.8
#1	-.0000	.0024	.0005	-.0345	.0057	.0007	.0017	.0314	.0017	.0009
#2	.0003	.0027	.0017	-.0495	.0023	.0004	.0012	.0123	.0019	.0008
#3	.0003	.0024	.0015	-.0448	.0091	.0005	.0010	.0358	.0018	-.0011

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031	-.0020	-.0076	.0023	.0001	.0006	.0007	.0002	.0002
Stddev	.0011	.0010	.0008	.0005	.0001	.0002	.0004	.0001	.0000
%RSD	35.53	48.85	10.76	21.64	196.1	29.41	53.86	90.10	19.05
#1	.0042	-.0032	-.0080	.0028	-.0000	.0005	.0009	.0003	.0002
#2	.0032	-.0017	-.0067	.0019	.0000	.0008	.0009	.0001	.0003
#3	.0020	-.0012	-.0082	.0021	.0002	.0005	.0003	.0000	.0002

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4677.8	102800.	7884.9
Stddev	63.9	383.	28.8
%RSD	1.3652	.37254	.36536
#1	4703.7	102990.	7910.0
#2	4724.7	102350.	7891.3
#3	4605.1	103040.	7853.5

Sample Name: CCV Acquired: 6/24/2019 11:02:14 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5062	.4758	.5113	.4909	.4871	.5163	-.0018	.4937	.4782	.4754
Stddev	.0025	.0061	.0005	.0014	.0015	.0022	.0011	.0046	.0016	.0011
%RSD	.4905	1.288	.0939	.2824	.3131	.4241	64.15	.9221	.3437	.2258
#1	.5088	.4789	.5118	.4897	.4885	.5166	-.0005	.4978	.4774	.4748
#2	.5039	.4688	.5109	.4905	.4855	.5139	-.0021	.4888	.4771	.4747
#3	.5059	.4798	.5113	.4924	.4872	.5183	-.0027	.4945	.4801	.4766

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4965	.4680	.5218	4.854	.5401	.4795	.4753	10.07	.4884	.5040
Stddev	.0022	.0007	.0007	.028	.0024	.0016	.0018	.02	.0018	.0014
%RSD	.4490	.1564	.1316	.5772	.4400	.3272	.3829	.1706	.3674	.2732
#1	.4967	.4676	.5222	4.852	.5401	.4807	.4736	10.09	.4867	.5024
#2	.4941	.4688	.5210	4.828	.5377	.4800	.4750	10.07	.4881	.5045
#3	.4985	.4675	.5222	4.883	.5425	.4777	.4772	10.05	.4903	.5050

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4929	.4870	4.858	.4867	.5187	.4850	.4784	.4990	.4906
Stddev	.0017	.0029	.011	.0030	.0014	.0006	.0022	.0017	.0022
%RSD	.3441	.5867	.2155	.6152	.2715	.1333	.4596	.3388	.4550
#1	.4914	.4849	4.858	.4835	.5199	.4856	.4761	.4994	.4898
#2	.4926	.4903	4.848	.4871	.5171	.4844	.4785	.4971	.4889
#3	.4947	.4858	4.869	.4895	.5191	.4851	.4805	.5004	.4931

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4745.2	103900.	8131.4
Stddev	33.9	589.	18.1
%RSD	.71490	.56657	.22307
#1	4770.4	103550.	8151.7
#2	4758.7	104580.	8116.7
#3	4706.7	103570.	8125.9

Sample Name: CCB Acquired: 6/24/2019 11:06:27 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	-.0073	.0007	.0006	.0000	.0004	.0010	-.0046	.0002	.0002
Stddev	.0008	.0101	.0017	.0004	.0001	.0000	.0012	.0046	.0000	.0001
%RSD	408.3	138.6	230.7	66.88	327.6	2.486	125.0	100.2	13.03	47.57
#1	-.0011	.0036	-.0012	.0008	-.0000	.0004	.0018	-.0090	.0002	.0003
#2	-.0001	-.0091	.0019	.0001	.0001	.0004	-.0004	-.0049	.0003	.0002
#3	.0006	-.0163	.0015	.0008	-.0000	.0004	.0015	.0002	.0003	.0001

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0026	.0046	-.0322	.0030	.0003	.0014	.0216	.0013	-.0002
Stddev	.0001	.0003	.0020	.0444	.0021	.0002	.0003	.0056	.0001	.0006
%RSD	36.41	13.37	44.67	137.9	70.33	66.52	18.60	25.98	9.092	305.3
#1	.0004	.0022	.0030	-.0037	.0049	.0004	.0017	.0273	.0012	-.0007
#2	.0003	.0028	.0039	-.0095	.0007	.0001	.0012	.0215	.0014	-.0003
#3	.0002	.0028	.0069	-.0833	.0035	.0003	.0013	.0161	.0013	.0004

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038	-.0017	-.0083	.0017	.0002	.0006	.0002	.0001	.0003
Stddev	.0018	.0038	.0002	.0009	.0002	.0005	.0007	.0001	.0001
%RSD	46.08	222.5	2.523	53.56	87.80	79.39	395.2	77.34	22.10
#1	.0055	-.0048	-.0085	.0027	.0004	.0011	.0001	.0002	.0003
#2	.0040	.0025	-.0081	.0011	.0002	.0003	.0010	.0000	.0003
#3	.0020	-.0028	-.0083	.0013	.0000	.0004	-.0005	.0002	.0002

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4704.9	103250.	8015.0
Stddev	57.2	320.	43.0
%RSD	1.2154	.30966	.53597
#1	4730.3	103600.	8031.4
#2	4745.1	103170.	8047.3
#3	4639.5	102980.	7966.2

Sample Name: WG1251936-1,C Acquired: 6/24/2019 11:10:43 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0010	.0006	.0001	-.0003	.0001	.0009	.0144	.0000	-.0001
Stddev	.0007	.0044	.0015	.0006	.0002	.0000	.0012	.0042	.0001	.0001
%RSD	317.4	424.7	267.9	671.9	69.05	4.931	133.2	29.00	130.9	102.5

#1	-.0010	-.0037	.0022	.0006	-.0006	.0001	-.0005	.0099	.0000	-.0001
#2	.0001	.0048	-.0008	-.0005	-.0002	.0002	.0016	.0182	.0001	-.0000
#3	.0003	.0020	.0003	.0001	-.0002	.0001	.0015	.0152	-.0000	-.0002

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0011	.0023	.0145	-.0032	.0029	.0004	.0003	.1931	.0009	-.0005
Stddev	.0002	.0002	.0011	.0083	.0013	.0002	.0002	.0059	.0003	.0001
%RSD	18.96	8.969	7.902	259.9	43.47	43.37	59.32	3.052	30.02	22.11

#1	-.0013	.0023	.0132	.0034	.0043	.0006	.0003	.1884	.0011	-.0004
#2	-.0011	.0025	.0152	-.0126	.0018	.0003	.0004	.1997	.0006	-.0006
#3	-.0009	.0021	.0152	-.0004	.0026	.0004	.0001	.1911	.0011	-.0005

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022	-.0033	-.0071	.0003	-.0000	.0001	-.0001	-.0006	.0007
Stddev	.0010	.0024	.0005	.0002	.0000	.0004	.0005	.0003	.0002
%RSD	47.22	71.17	6.768	81.06	190.9	369.5	366.6	44.67	24.20

#1	.0018	-.0060	-.0075	.0003	-.0001	.0003	.0002	-.0006	.0009
#2	.0015	-.0016	-.0066	.0005	-.0000	-.0003	.0001	-.0003	.0006
#3	.0034	-.0023	-.0071	.0000	.0000	.0004	-.0007	-.0008	.0006

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4676.4	103020.	7967.2
Stddev	20.4	320.	26.0
%RSD	.43697	.31065	.32616

#1	4689.1	102720.	7947.7
#2	4687.2	103360.	7957.2
#3	4652.8	102970.	7996.7

Sample Name: WG1251105-2,T,2 Acquired: 6/24/2019 11:14:57 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1351	20.03	.5787	.6102	1.493	.7023	-.0058	17.42	.2031	.6921
Stddev	.0008	.06	.0009	.0024	.004	.0079	.0005	.02	.0006	.0014
%RSD	.5613	.2782	.1553	.3925	.2519	1.132	8.439	.1339	.2861	.2039
#1	.1355	19.99	.5777	.6074	1.490	.7089	-.0054	17.41	.2025	.6905
#2	.1355	20.00	.5792	.6110	1.492	.6935	-.0057	17.41	.2030	.6924
#3	.1342	20.09	.5793	.6120	1.497	.7045	-.0064	17.45	.2036	.6933
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3717	.2333	52.10	6.474	8.199	1.388	.4020	5.774	.3950	.4752
Stddev	.0007	.0006	.13	.050	.090	.003	.0007	.014	.0013	.0018
%RSD	.1989	.2364	.2490	.7659	1.096	.2326	.1855	.2397	.3189	.3794
#1	.3711	.2334	52.16	6.443	8.260	1.388	.4013	5.766	.3942	.4738
#2	.3725	.2338	51.95	6.448	8.096	1.385	.4019	5.765	.3944	.4747
#3	.3715	.2327	52.19	6.531	8.242	1.391	.4028	5.790	.3965	.4773
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.8922	.3070	4.356	.4138	.3691	1.337	.4226	.3030	.8926	
Stddev	.0045	.0019	.003	.0009	.0007	.001	.0022	.0002	.0034	
%RSD	.5012	.6063	.0603	.2128	.1936	.0640	.5219	.0741	.3862	
#1	.8872	.3060	4.358	.4131	.3692	1.337	.4201	.3029	.8893	
#2	.8935	.3091	4.353	.4135	.3683	1.337	.4231	.3033	.8924	
#3	.8959	.3058	4.356	.4148	.3697	1.338	.4244	.3029	.8962	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4841.0	105720.	8341.9							
Stddev	35.8	312.	71.9							
%RSD	.73976	.29469	.86161							
#1	4873.5	106070.	8295.3							
#2	4846.7	105460.	8424.7							
#3	4802.6	105650.	8305.7							

Sample Name: L1925021-01,T,2 Acquired: 6/24/2019 11:19:06 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0018	18.16	.0211	.0085	.1967	.0009	-.0005	8.964	-.0005	.0183
Stddev	.0004	.04	.0018	.0002	.0000	.0000	.0006	.005	.0000	.0001
%RSD	19.56	.2322	8.715	2.271	.0102	2.889	137.4	.0553	5.120	.3306

#1	-.0018	18.21	.0206	.0085	.1967	.0009	.0002	8.969	-.0005	.0183
#2	-.0015	18.12	.0232	.0087	.1967	.0008	-.0011	8.960	-.0005	.0183
#3	-.0022	18.15	.0196	.0083	.1967	.0009	-.0004	8.961	-.0005	.0182

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0644	.1212	51.06	3.392	11.52	.3879	.0038	.3870	.0769	.2997
Stddev	.0007	.0004	.24	.018	.06	.0011	.0005	.0100	.0001	.0017
%RSD	1.013	.3222	.4746	.5147	.5563	.2714	13.53	2.582	.1664	.5720

#1	.0637	.1215	51.33	3.374	11.54	.3887	.0043	.3968	.0770	.2977
#2	.0646	.1207	51.01	3.392	11.45	.3883	.0039	.3768	.0768	.3005
#3	.0650	.1213	50.85	3.409	11.57	.3867	.0033	.3875	.0769	.3009

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100	-.0056	1.689	.0152	.0603	1.001	.0008	.1509	.3820
Stddev	.0017	.0019	.004	.0005	.0002	.002	.0013	.0003	.0013
%RSD	17.56	34.39	.2220	3.566	.4064	.1860	159.9	.2086	.3397

#1	.0111	-.0066	1.690	.0158	.0605	1.002	.0010	.1509	.3815
#2	.0079	-.0068	1.692	.0152	.0600	.9995	.0020	.1506	.3811
#3	.0108	-.0034	1.685	.0147	.0603	1.003	-.0006	.1512	.3835

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4821.3	105260.	8291.4
Stddev	30.6	402.	23.2
%RSD	.63474	.38152	.27950

#1	4845.4	105550.	8269.4
#2	4831.6	104800.	8315.6
#3	4786.8	105440.	8289.1

Sample Name: WG1251105-3,T,2 Acquired: 6/24/2019 11:23:10 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3148	21.10	.1509	1.049	2.302	.0541	-.0017	19.45	.0532	.5117
Stddev	.0018	.04	.0018	.005	.002	.0002	.0021	.03	.0003	.0029
%RSD	.5602	.2043	1.179	.5010	.0647	.2886	126.8	.1308	.5803	.5638

#1	.3158	21.09	.1497	1.049	2.300	.0541	-.0039	19.48	.0531	.5104
#2	.3128	21.06	.1501	1.044	2.303	.0543	-.0014	19.44	.0529	.5098
#3	.3159	21.14	.1530	1.055	2.303	.0540	.0003	19.43	.0535	.5151

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2757	.3729	53.93	13.70	19.72	.9027	.9603	10.64	.5570	.9776
Stddev	.0004	.0014	.11	.04	.07	.0011	.0055	.01	.0026	.0049
%RSD	.1586	.3711	.1995	.3004	.3595	.1265	.5746	.0831	.4709	.5059

#1	.2760	.3731	53.82	13.73	19.75	.9034	.9582	10.64	.5568	.9775
#2	.2760	.3715	54.04	13.71	19.77	.9033	.9561	10.65	.5545	.9728
#3	.2752	.3742	53.93	13.65	19.64	.9014	.9666	10.63	.5597	.9826

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5070	.1164	3.238	.9989	1.128	2.074	.1179	.6672	.9720
Stddev	.0008	.0031	.022	.0060	.001	.005	.0010	.0015	.0062
%RSD	.1507	2.677	.6958	.6041	.1242	.2366	.8161	.2185	.6367

#1	.5077	.1143	3.237	.9947	1.127	2.078	.1180	.6672	.9694
#2	.5062	.1148	3.216	.9960	1.130	2.076	.1169	.6657	.9675
#3	.5069	.1200	3.261	1.006	1.128	2.069	.1188	.6686	.9791

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4743.2	103620.	8207.1
Stddev	35.7	747.	21.1
%RSD	.75324	.72070	.25680

#1	4756.2	103720.	8226.1
#2	4770.6	104300.	8210.8
#3	4702.8	102820.	8184.4

Sample Name: WG1251105-4,T,2 Acquired: 6/24/2019 11:27:11 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0011	17.63	.0249	.0102	.2026	.0007	.0012	9.107	-.0003	.0168
Stddev	.0006	.04	.0004	.0001	.0005	.0000	.0014	.030	.0000	.0001
%RSD	60.24	.2132	1.491	1.324	.2531	1.905	113.9	.3246	6.362	.8827
#1	-.0004	17.59	.0245	.0102	.2021	.0007	.0010	9.076	-.0003	.0170
#2	-.0011	17.64	.0250	.0101	.2026	.0007	-.0001	9.135	-.0003	.0168
#3	-.0017	17.66	.0252	.0104	.2031	.0007	.0027	9.110	-.0003	.0167
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0649	.1315	49.63	3.387	8.314	.4232	.0047	.3888	.0635	.4263
Stddev	.0005	.0005	.13	.024	.060	.0016	.0004	.0054	.0003	.0011
%RSD	.7775	.3557	.2642	.7064	.7232	.3734	9.404	1.393	.4207	.2467
#1	.0644	.1311	49.50	3.399	8.255	.4214	.0052	.3950	.0633	.4251
#2	.0654	.1321	49.76	3.359	8.375	.4238	.0045	.3848	.0633	.4268
#3	.0649	.1314	49.65	3.402	8.313	.4245	.0044	.3867	.0638	.4270
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0098	-.0020	1.772	.0230	.0583	.9774	.0010	.1350	.4180	
Stddev	.0012	.0007	.005	.0005	.0002	.0010	.0006	.0006	.0018	
%RSD	12.37	36.20	.3120	2.247	.3251	.0975	57.64	.4099	.4211	
#1	.0102	-.0019	1.777	.0224	.0581	.9776	.0011	.1344	.4185	
#2	.0084	-.0027	1.774	.0232	.0584	.9764	.0015	.1355	.4160	
#3	.0107	-.0013	1.766	.0233	.0585	.9783	.0004	.1352	.4194	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4856.8	105890.	8347.2							
Stddev	30.9	361.	60.3							
%RSD	.63573	.34049	.72198							
#1	4873.1	106270.	8404.5							
#2	4876.0	105840.	8284.3							
#3	4821.1	105560.	8352.9							

Sample Name: WG1251105-5,T,2 Acquired: 6/24/2019 11:31:16 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156	19.65	.1519	1.061	2.189	.0536	-.0019	18.61	.0528	.5093
Stddev	.0007	.04	.0008	.003	.005	.0004	.0003	.05	.0004	.0016
%RSD	4.623	.2120	.5163	.2639	.2202	.6609	15.24	.2513	.6856	.3232

#1	.0155	19.67	.1526	1.059	2.194	.0539	-.0017	18.65	.0526	.5094
#2	.0164	19.60	.1511	1.060	2.184	.0532	-.0022	18.56	.0526	.5076
#3	.0150	19.67	.1520	1.065	2.190	.0538	-.0019	18.61	.0532	.5109

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2663	.3518	50.85	13.62	22.18	.8609	.9731	10.78	.5630	.8118
Stddev	.0007	.0012	.40	.01	.09	.0037	.0041	.05	.0017	.0034
%RSD	.2633	.3369	.7845	.0454	.3924	.4290	.4241	.4810	.3095	.4168

#1	.2657	.3528	51.12	13.63	22.27	.8638	.9711	10.83	.5633	.8106
#2	.2671	.3505	50.39	13.62	22.09	.8568	.9705	10.73	.5612	.8092
#3	.2662	.3520	51.03	13.61	22.18	.8623	.9779	10.80	.5646	.8156

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5209	.1230	1.917	.9866	1.138	1.998	.1184	.6683	.8864
Stddev	.0039	.0020	.004	.0041	.007	.001	.0012	.0003	.0053
%RSD	.7550	1.653	.2102	.4203	.6089	.0240	1.023	.0466	.5961

#1	.5224	.1251	1.917	.9836	1.144	1.999	.1191	.6680	.8831
#2	.5165	.1229	1.913	.9849	1.131	1.998	.1170	.6685	.8836
#3	.5239	.1211	1.921	.9913	1.139	1.998	.1191	.6685	.8925

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4732.9	103110.	8148.7
Stddev	45.4	255.	60.0
%RSD	.95894	.24717	.73571

#1	4762.1	103160.	8108.5
#2	4755.9	103330.	8217.6
#3	4680.6	102830.	8119.9

Sample Name: L1925761-01,T,2 Acquired: 6/24/2019 11:35:18 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0021	36.57	.0130	.0089	.1955	.0023	.0033	5.865	-.0022	.0380
Stddev	.0005	.11	.0031	.0005	.0005	.0000	.0007	.023	.0000	.0003
%RSD	23.34	.3000	24.06	5.195	.2544	.4528	22.73	.3881	1.357	.7217
#1	-.0025	36.46	.0097	.0094	.1952	.0023	.0039	5.846	-.0022	.0378
#2	-.0016	36.57	.0133	.0088	.1952	.0023	.0036	5.859	-.0022	.0378
#3	-.0024	36.68	.0159	.0085	.1960	.0023	.0024	5.890	-.0022	.0383
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0662	.1002	87.23	3.172	17.21	2.450	.0042	.6971	.1078	.0345
Stddev	.0001	.0002	.22	.043	.04	.008	.0005	.0044	.0007	.0008
%RSD	.1076	.2072	.2527	1.340	.2400	.3275	12.35	.6369	.6071	2.257
#1	.0662	.1004	86.98	3.127	17.17	2.441	.0048	.6925	.1074	.0354
#2	.0663	.1000	87.40	3.211	17.21	2.453	.0041	.7014	.1074	.0340
#3	.0662	.1001	87.32	3.178	17.25	2.456	.0037	.6973	.1085	.0340
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0042	-.0062	2.333	.0028	.0190	.9734	.0006	.0975	.1662	
Stddev	.0006	.0020	.002	.0006	.0001	.0015	.0014	.0005	.0008	
%RSD	14.71	31.92	.0956	23.24	.6708	.1572	220.0	.5466	.5108	
#1	.0040	-.0041	2.334	.0034	.0189	.9739	.0022	.0981	.1658	
#2	.0037	-.0065	2.335	.0028	.0191	.9717	-.0004	.0971	.1656	
#3	.0049	-.0079	2.331	.0021	.0190	.9746	.0001	.0972	.1672	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4963.1	108080.	8537.7							
Stddev	49.6	167.	24.0							
%RSD	1.0001	.15490	.28094							
#1	4989.1	108220.	8562.4							
#2	4994.2	107890.	8514.6							
#3	4905.8	108120.	8536.1							

Sample Name: L1925761-02,T,2 Acquired: 6/24/2019 11:39:26 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0017	53.58	.0179	.0112	.3774	.0049	.0012	4.282	-.0027	.0547
Stddev	.0002	.06	.0018	.0006	.0003	.0000	.0010	.005	.0001	.0005
%RSD	10.86	.1167	10.24	5.059	.0795	.3792	80.71	.1093	2.134	.8635

#1	-.0016	53.53	.0197	.0114	.3771	.0049	.0021	4.287	-.0028	.0547
#2	-.0015	53.56	.0160	.0106	.3773	.0048	.0015	4.281	-.0028	.0543
#3	-.0019	53.65	.0179	.0116	.3777	.0049	.0001	4.278	-.0027	.0552

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0870	.0990	118.0	6.325	20.21	3.906	.0026	1.020	.1122	.0383
Stddev	.0002	.0002	.0	.055	.06	.004	.0002	.008	.0006	.0011
%RSD	.1997	.2073	.0118	.8689	.2909	.1030	7.942	.7918	.5151	2.793

#1	.0870	.0992	118.0	6.280	20.28	3.910	.0028	1.016	.1118	.0371
#2	.0872	.0990	118.0	6.308	20.20	3.903	.0024	1.015	.1120	.0393
#3	.0869	.0988	118.0	6.386	20.17	3.904	.0026	1.030	.1129	.0384

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039	-.0062	2.931	.0029	.0350	1.752	.0012	.1286	.3307
Stddev	.0014	.0019	.007	.0009	.0001	.001	.0009	.0002	.0025
%RSD	35.34	30.43	.2539	31.08	.1720	.0817	78.21	.1321	.7604

#1	.0039	-.0081	2.926	.0038	.0350	1.750	.0022	.1284	.3295
#2	.0026	-.0062	2.927	.0028	.0349	1.753	.0010	.1286	.3291
#3	.0053	-.0043	2.939	.0020	.0350	1.753	.0004	.1287	.3336

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5187.4	113330.	8913.1
Stddev	66.6	152.	22.1
%RSD	1.2832	.13377	.24813

#1	5229.7	113170.	8888.3
#2	5221.8	113470.	8930.7
#3	5110.7	113360.	8920.2

Sample Name: L1925761-03,T,2 Acquired: 6/24/2019 11:43:32 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0017	60.27	.0140	.0141	.4954	.0046	.0007	12.11	-.0035	.0589
Stddev	.0001	.08	.0028	.0007	.0005	.0000	.0008	.02	.0001	.0003
%RSD	4.824	.1353	19.87	5.174	.0986	1.066	112.5	.1931	1.759	.5711

#1	-.0016	60.25	.0157	.0149	.4949	.0047	.0012	12.11	-.0034	.0592
#2	-.0016	60.21	.0155	.0134	.4954	.0047	-.0002	12.09	-.0035	.0585
#3	-.0017	60.36	.0108	.0140	.4959	.0046	.0012	12.14	-.0035	.0589

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1321	.1012	139.2	9.205	22.48	5.556	.0016	1.245	.1332	.0511
Stddev	.0004	.0005	.3	.049	.11	.008	.0002	.012	.0006	.0012
%RSD	.2779	.5090	.2128	.5302	.5057	.1441	10.47	.9390	.4823	2.278

#1	.1317	.1008	138.8	9.235	22.61	5.554	.0018	1.236	.1334	.0498
#2	.1324	.1018	139.4	9.149	22.43	5.549	.0016	1.258	.1325	.0521
#3	.1323	.1011	139.3	9.231	22.40	5.565	.0014	1.240	.1337	.0515

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037	-.0068	3.314	.0031	.0675	2.185	.0009	.1818	.2365
Stddev	.0005	.0030	.007	.0002	.0001	.004	.0011	.0013	.0010
%RSD	12.14	44.48	.2095	7.503	.1818	.1743	122.4	.7325	.4297

#1	.0042	-.0033	3.310	.0033	.0674	2.184	.0021	.1805	.2366
#2	.0037	-.0086	3.310	.0029	.0676	2.181	-.0002	.1816	.2355
#3	.0033	-.0084	3.322	.0032	.0674	2.189	.0009	.1832	.2375

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5114.1	111140.	8789.1
Stddev	40.1	940.	22.6
%RSD	.78398	.84606	.25666

#1	5132.7	112080.	8765.4
#2	5141.5	111130.	8791.7
#3	5068.1	110200.	8810.3

Sample Name: WG1251105-6,T,10 Acquired: 6/24/2019 11:47:36 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0014	3.832	.0047	.0012	.0409	.0002	-.0008	1.879	-.0001	.0038
Stddev	.0005	.008	.0021	.0004	.0002	.0000	.0010	.009	.0000	.0001
%RSD	37.84	.2199	44.73	35.92	.5765	13.29	124.5	.4545	22.56	2.235

#1	-.0011	3.823	.0066	.0016	.0408	.0002	-.0010	1.881	-.0001	.0039
#2	-.0011	3.836	.0052	.0009	.0412	.0002	-.0016	1.886	-.0001	.0038
#3	-.0020	3.838	.0024	.0009	.0408	.0002	.0003	1.869	-.0001	.0037

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132	.0276	10.96	.6859	2.520	.0834	.0007	.0786	.0170	.0641
Stddev	.0001	.0002	.01	.0445	.009	.0002	.0001	.0079	.0001	.0012
%RSD	.5072	.6110	.1053	6.491	.3766	.2063	15.35	10.02	.5607	1.905

#1	.0132	.0277	10.96	.6553	2.528	.0836	.0008	.0877	.0169	.0652
#2	.0131	.0274	10.94	.6653	2.510	.0833	.0006	.0744	.0170	.0628
#3	.0132	.0275	10.97	.7369	2.522	.0832	.0008	.0737	.0170	.0642

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	-.0058	.3345	.0017	.0126	.2087	.0000	.0310	.0858
Stddev	.0003	.0013	.0003	.0005	.0001	.0007	.0011	.0007	.0006
%RSD	24.19	21.57	.0952	29.13	1.127	.3320	21240.	2.367	.6644

#1	.0012	-.0061	.3345	.0022	.0125	.2094	-.0008	.0306	.0854
#2	.0012	-.0069	.3348	.0012	.0128	.2080	.0012	.0319	.0855
#3	.0018	-.0045	.3342	.0017	.0126	.2088	-.0004	.0306	.0864

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4780.1	104270.	8018.9
Stddev	46.9	464.	10.2
%RSD	.98146	.44465	.12658

#1	4811.7	104790.	8028.8
#2	4802.5	104100.	8019.4
#3	4726.2	103910.	8008.5

Sample Name: CCV Acquired: 6/24/2019 11:51:46 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5146	.4803	.5095	.4938	.4864	.5195	-.0017	.4900	.4800	.4768
Stddev	.0011	.0082	.0007	.0026	.0014	.0041	.0014	.0049	.0036	.0023
%RSD	.2207	1.713	.1347	.5169	.2875	.7862	83.97	1.010	.7452	.4923

#1	.5158	.4754	.5103	.4923	.4857	.5167	-.0005	.4893	.4781	.4753
#2	.5144	.4898	.5092	.4924	.4855	.5176	-.0013	.4952	.4778	.4755
#3	.5135	.4757	.5090	.4968	.4880	.5242	-.0032	.4854	.4841	.4795

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5009	.4660	F .5530	4.862	.5493	.4784	.4757	10.13	.4896	.5057
Stddev	.0012	.0011	.0026	.037	.0035	.0017	.0032	.02	.0030	.0031
%RSD	.2312	.2260	.4684	.7709	.6430	.3494	.6783	.2094	.6149	.6137

#1	.5016	.4652	.5501	4.867	.5454	.4769	.4732	10.12	.4884	.5051
#2	.5016	.4656	.5549	4.822	.5505	.4782	.4746	10.12	.4875	.5030
#3	.4996	.4672	.5540	4.896	.5521	.4802	.4793	10.16	.4931	.5091

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.5524							
Low Limit			.4476							

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4960	.4893	4.856	.4891	.5274	.4864	.4787	.5038	.4914
Stddev	.0029	.0013	.019	.0031	.0013	.0006	.0027	.0007	.0041
%RSD	.5905	.2733	.3927	.6268	.2418	.1272	.5594	.1469	.8364

#1	.4941	.4902	4.848	.4877	.5260	.4858	.4782	.5042	.4888
#2	.4945	.4899	4.842	.4869	.5275	.4865	.4764	.5043	.4894
#3	.4994	.4877	4.878	.4926	.5285	.4870	.4817	.5030	.4962

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4719.5	102390.	8002.7
Stddev	41.9	462.	50.5
%RSD	.88770	.45155	.63141

#1	4745.0	101860.	8047.6
#2	4742.4	102670.	8012.5
#3	4671.2	102640.	7948.0

Sample Name: CCB Acquired: 6/24/2019 11:55:58 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0004	.0072	-.0000	-.0001	.0001	.0005	.0018	.0012	.0002	.0002
Stddev	.0004	.0115	.0014	.0002	.0002	.0000	.0012	.0086	.0000	.0001
%RSD	104.6	160.4	4539.	333.2	362.1	7.513	65.28	704.8	5.232	77.64

#1	-.0005	-.0045	.0014	.0001	.0002	.0005	.0009	.0096	.0002	.0001
#2	.0001	.0075	-.0013	-.0003	.0002	.0005	.0031	-.0076	.0002	.0001
#3	-.0007	.0185	-.0002	.0000	-.0002	.0004	.0013	.0016	.0002	.0003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	.0036	.0061	-.0509	.0037	.0003	.0014	.0103	.0014	.0014
Stddev	.0003	.0002	.0016	.0144	.0031	.0004	.0002	.0052	.0001	.0004
%RSD	67.53	6.157	26.81	28.23	85.35	114.6	11.87	50.73	9.568	27.23

#1	.0005	.0036	.0042	-.0670	.0073	.0008	.0016	.0044	.0016	.0015
#2	.0001	.0038	.0072	-.0392	.0020	.0001	.0013	.0124	.0014	.0017
#3	.0006	.0034	.0070	-.0465	.0017	.0002	.0012	.0142	.0014	.0010

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038	-.0036	-.0066	.0012	.0001	.0008	.0004	.0001	.0004
Stddev	.0010	.0028	.0005	.0007	.0002	.0003	.0008	.0001	.0001
%RSD	25.33	76.94	6.938	64.17	247.9	41.25	217.7	57.73	30.93

#1	.0044	-.0052	-.0065	.0019	-.0001	.0005	.0006	.0002	.0005
#2	.0044	-.0004	-.0062	.0004	.0003	.0011	.0011	.0001	.0006
#3	.0027	-.0053	-.0071	.0011	.0001	.0010	-.0005	.0002	.0003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4672.8	102230.	7831.4
Stddev	57.2	247.	54.1
%RSD	1.2247	.24186	.69022

#1	4710.0	102310.	7790.1
#2	4701.5	102420.	7892.6
#3	4606.9	101950.	7811.4

Sample Name: CCV Acquired: 6/24/2019 12:07:11 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5205	.4777	.5137	.4974	.4912	.5323	-.0024	.5000	.4806	.4776
Stddev	.0034	.0041	.0016	.0016	.0009	.0038	.0007	.0030	.0033	.0027
%RSD	.6584	.8608	.3158	.3302	.1762	.7161	28.92	.6028	.6890	.5589
#1	.5245	.4823	.5151	.4971	.4920	.5367	-.0027	.4992	.4796	.4769
#2	.5189	.4764	.5119	.4960	.4912	.5295	-.0016	.5033	.4779	.4753
#3	.5182	.4744	.5141	.4992	.4903	.5307	-.0028	.4975	.4843	.4805

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5053	.4714	.5412	4.890	.5521	.4818	.4769	10.26	.4923	.5062
Stddev	.0013	.0009	.0058	.052	.0051	.0024	.0028	.02	.0027	.0027
%RSD	.2478	.2010	1.076	1.062	.9168	.5049	.5895	.2165	.5416	.5310
#1	.5066	.4725	.5479	4.949	.5527	.4840	.4761	10.27	.4919	.5045
#2	.5052	.4708	.5387	4.858	.5568	.4823	.4746	10.26	.4899	.5049
#3	.5041	.4709	.5370	4.861	.5467	.4792	.4800	10.23	.4952	.5093

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5024	.4907	4.892	.4859	.5340	.4854	.4803	.5089	.4923
Stddev	.0055	.0008	.021	.0047	.0018	.0009	.0026	.0016	.0036
%RSD	1.104	.1629	.4306	.9643	.3348	.1799	.5330	.3218	.7217
#1	.4972	.4899	4.898	.4835	.5360	.4863	.4808	.5106	.4914
#2	.5018	.4908	4.869	.4828	.5325	.4845	.4775	.5089	.4893
#3	.5082	.4915	4.909	.4912	.5334	.4855	.4825	.5073	.4963

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4697.4	101430.	7901.3
Stddev	41.5	404.	51.7
%RSD	.88398	.39852	.65422
#1	4714.8	100990.	7850.8
#2	4727.3	101490.	7899.1
#3	4650.0	101790.	7954.1

Sample Name: CCB Acquired: 6/24/2019 12:11:23 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0011	-.0001	.0018	.0008	.0001	.0006	.0010	.0018	.0003	.0001
Stddev	.0004	.0086	.0003	.0003	.0002	.0001	.0010	.0093	.0000	.0001
%RSD	34.25	6003.	17.52	42.21	236.3	15.49	101.4	528.5	14.26	107.1
#1	-.0014	.0093	.0021	.0008	.0002	.0007	.0008	.0104	.0003	.0000
#2	-.0007	-.0076	.0020	.0005	.0003	.0006	.0021	-.0081	.0004	.0001
#3	-.0011	-.0021	.0015	.0011	-.0002	.0005	.0001	.0030	.0003	.0002

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0041	.0030	-.0042	.0051	.0001	.0013	.0149	.0015	.0009
Stddev	.0001	.0004	.0017	.0110	.0019	.0001	.0002	.0071	.0003	.0010
%RSD	17.58	9.514	57.98	259.7	36.58	98.97	13.33	47.43	21.26	110.7
#1	.0006	.0041	.0038	-.0169	.0034	.0003	.0014	.0144	.0014	.0002
#2	.0008	.0046	.0010	.0028	.0048	.0001	.0014	.0222	.0012	.0020
#3	.0007	.0038	.0042	.0014	.0071	.0000	.0011	.0081	.0018	.0005

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048	-.0019	-.0068	.0018	.0003	.0005	.0001	.0000	.0004
Stddev	.0019	.0032	.0005	.0004	.0002	.0002	.0007	.0004	.0002
%RSD	39.93	171.2	6.901	22.48	55.64	44.92	579.8	744.9	63.49
#1	.0069	-.0010	-.0067	.0015	.0002	.0006	.0006	.0000	.0003
#2	.0032	-.0054	-.0074	.0017	.0002	.0007	-.0007	-.0003	.0002
#3	.0043	.0008	-.0065	.0022	.0005	.0003	.0004	.0004	.0006

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4666.8	101420.	7838.2
Stddev	60.4	61.	51.6
%RSD	1.2947	.06016	.65889
#1	4699.4	101370.	7897.5
#2	4704.0	101400.	7814.1
#3	4597.1	101490.	7803.0

Sample Name: WG1251936-2,C Acquired: 6/24/2019 12:15:39 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0513	2.031	.1306	1.047	2.027	.0549	-.0021	10.01	.0544	.5024
Stddev	.0004	.005	.0023	.002	.006	.0004	.0009	.01	.0004	.0026
%RSD	.8208	.2529	1.749	.2124	.3149	.6981	45.10	.1275	.8265	.5175

#1	.0517	2.033	.1304	1.047	2.027	.0550	-.0019	10.00	.0543	.5021
#2	.0509	2.034	.1329	1.044	2.034	.0545	-.0031	10.03	.0541	.5000
#3	.0513	2.025	.1284	1.049	2.021	.0553	-.0012	10.01	.0549	.5052

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2079	.2396	1.202	10.21	11.27	.5002	.9745	10.56	.5017	.5404
Stddev	.0002	.0005	.008	.01	.07	.0019	.0053	.01	.0019	.0029
%RSD	.0782	.1883	.6908	.0726	.5903	.3813	.5418	.0641	.3821	.5439

#1	.2079	.2399	1.203	10.20	11.28	.4993	.9719	10.56	.5010	.5374
#2	.2077	.2391	1.192	10.21	11.19	.5024	.9709	10.55	.5003	.5404
#3	.2080	.2398	1.209	10.21	11.32	.4990	.9805	10.56	.5039	.5433

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5248	.1246	.2626	.9796	1.095	.9977	.1190	.5359	.5265
Stddev	.0019	.0031	.0008	.0035	.001	.0010	.0005	.0016	.0040
%RSD	.3572	2.471	.3014	.3546	.1236	.1005	.4487	.3020	.7637

#1	.5231	.1218	.2617	.9808	1.096	.9989	.1184	.5377	.5252
#2	.5247	.1241	.2627	.9757	1.094	.9972	.1193	.5355	.5233
#3	.5268	.1279	.2633	.9823	1.096	.9971	.1194	.5345	.5310

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4603.8	99361.	7719.1
Stddev	41.7	498.	52.0
%RSD	.90473	.50167	.67359

#1	4631.4	98821.	7696.1
#2	4624.1	99460.	7778.6
#3	4555.9	99803.	7682.5

Sample Name: L1926894-01,C Acquired: 6/24/2019 12:19:40 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0006	.0176	-.0001	.0294	.1047	-.0002	.0012	187.1	.0000	.0004
Stddev	.0000	.0074	.0036	.0005	.0009	.0000	.0003	.6	.0000	.0001
%RSD	7.975	42.09	3768.	1.574	.8193	5.448	24.72	.3090	89.34	37.62

#1	-.0006	.0147	.0036	.0293	.1056	-.0002	.0015	187.7	.0001	.0005
#2	-.0006	.0259	-.0001	.0299	.1040	-.0002	.0009	186.6	-.0000	.0003
#3	-.0006	.0120	-.0037	.0290	.1045	-.0002	.0011	187.2	.0001	.0003

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0084	.0093	2.061	6.534	.0509	.0090	1.604	.0044	.0024
Stddev	.0003	.0002	.0027	.033	.013	.0007	.0003	.012	.0002	.0008
%RSD	54.84	2.570	29.23	1.616	.2004	1.334	3.623	.7519	4.165	34.34

#1	.0003	.0086	.0109	2.096	6.547	.0504	.0093	1.607	.0045	.0032
#2	.0005	.0081	.0062	2.057	6.521	.0505	.0088	1.615	.0042	.0016
#3	.0008	.0085	.0108	2.030	6.534	.0517	.0087	1.591	.0046	.0025

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012	.0021	4.574	-.0001	.2894	.0018	-.0001	.0052	.0016
Stddev	.0007	.0023	.010	.0004	.0004	.0003	.0005	.0000	.0002
%RSD	57.88	107.7	.2168	514.9	.1268	16.37	746.0	.5278	13.05

#1	.0006	.0040	4.563	.0004	.2898	.0021	.0005	.0052	.0018
#2	.0011	.0029	4.578	-.0003	.2894	.0017	-.0004	.0052	.0014
#3	.0020	-.0004	4.582	-.0002	.2890	.0015	-.0002	.0052	.0014

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4440.7	96705.	7638.2
Stddev	38.8	25.	4.2
%RSD	.87270	.02570	.05533

#1	4457.7	96678.	7634.4
#2	4468.1	96709.	7637.4
#3	4396.4	96728.	7642.7

Sample Name: WG1251936-3,C Acquired: 6/24/2019 12:23:52 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0505	2.002	.1344	1.086	2.114	.0532	-.0015	193.3	.0535	.4891
Stddev	.0004	.007	.0010	.004	.003	.0001	.0011	.3	.0004	.0029
%RSD	.7892	.3381	.7642	.4038	.1447	.1438	71.79	.1671	.8149	.5943

#1	.0509	2.003	.1347	1.083	2.117	.0532	-.0014	193.3	.0532	.4867
#2	.0504	1.994	.1332	1.085	2.116	.0533	-.0005	193.5	.0534	.4883
#3	.0501	2.008	.1352	1.091	2.111	.0532	-.0027	192.9	.0540	.4923

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2043	.2430	1.180	12.31	16.91	.5382	.9807	12.02	.4896	.5232
Stddev	.0005	.0006	.004	.09	.06	.0018	.0059	.04	.0026	.0036
%RSD	.2254	.2434	.3258	.6948	.3629	.3298	.6051	.3170	.5326	.6966

#1	.2038	.2424	1.178	12.35	16.85	.5402	.9760	12.02	.4873	.5220
#2	.2047	.2435	1.184	12.21	16.91	.5368	.9786	12.06	.4890	.5202
#3	.2043	.2432	1.177	12.36	16.97	.5376	.9873	11.99	.4924	.5272

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5287	.1271	4.864	.9669	1.367	.9905	.1137	.5386	.5169
Stddev	.0037	.0017	.021	.0081	.004	.0033	.0014	.0005	.0045
%RSD	.7058	1.364	.4383	.8407	.2932	.3363	1.210	.0953	.8679

#1	.5273	.1266	4.845	.9598	1.366	.9888	.1122	.5392	.5136
#2	.5258	.1291	4.859	.9653	1.372	.9884	.1149	.5382	.5151
#3	.5329	.1257	4.887	.9758	1.364	.9944	.1142	.5386	.5221

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4416.2	96017.	7649.7
Stddev	35.7	92.	13.3
%RSD	.80752	.09557	.17447

#1	4437.9	95991.	7663.9
#2	4435.6	95942.	7637.4
#3	4375.1	96119.	7647.9

Sample Name: WG1251936-4,C Acquired: 6/24/2019 12:27:53 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0145	.0039	.0287	.1022	-.0002	.0009	182.9	-.0000	.0004
Stddev	.0005	.0061	.0021	.0003	.0003	.0000	.0009	.7	.0001	.0001
%RSD	446.0	41.91	53.41	1.010	.2591	6.814	105.1	.3877	357.6	39.26

#1	-.0006	.0092	.0058	.0286	.1024	-.0002	.0002	183.7	-.0000	.0003
#2	.0001	.0132	.0016	.0290	.1023	-.0002	.0020	182.4	.0000	.0005
#3	.0002	.0212	.0044	.0285	.1019	-.0003	.0005	182.6	-.0001	.0003

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	.0081	.0105	2.021	6.370	.0528	.0089	1.554	.0043	.0016
Stddev	.0001	.0006	.0013	.033	.043	.0008	.0006	.014	.0001	.0018
%RSD	16.86	7.164	12.47	1.626	.6700	1.600	6.846	.9257	1.975	111.0

#1	.0003	.0086	.0107	2.049	6.407	.0537	.0093	1.571	.0043	.0021
#2	.0004	.0075	.0091	1.984	6.379	.0520	.0092	1.545	.0043	-.0004
#3	.0004	.0083	.0117	2.029	6.323	.0526	.0082	1.547	.0044	.0031

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	-.0015	4.488	-.0015	.2827	.0024	-.0011	.0050	.0018
Stddev	.0013	.0020	.012	.0012	.0008	.0002	.0006	.0001	.0000
%RSD	506.1	128.6	.2750	83.35	.2973	7.177	51.54	2.853	2.232

#1	.0017	-.0029	4.479	-.0029	.2833	.0024	-.0017	.0050	.0018
#2	-.0008	.0007	4.502	-.0006	.2830	.0026	-.0005	.0052	.0018
#3	-.0001	-.0023	4.482	-.0009	.2817	.0023	-.0011	.0049	.0018

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4428.1	96844.	7669.2
Stddev	46.7	263.	36.2
%RSD	1.0539	.27110	.47225

#1	4463.1	97088.	7629.8
#2	4446.2	96566.	7676.7
#3	4375.2	96877.	7701.0

Sample Name: WG1251936-5,C Acquired: 6/24/2019 12:32:06 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	1.871	.1325	1.069	1.968	.0508	-.0013	191.1	.0512	.4678
Stddev	.0004	.015	.0017	.014	.018	.0002	.0009	.5	.0005	.0043
%RSD	40.13	.8155	1.297	1.309	.9330	.3654	73.00	.2484	.9050	.9286
#1	.0014	1.881	.1326	1.056	1.949	.0508	-.0005	190.6	.0508	.4641
#2	.0011	1.854	.1341	1.067	1.971	.0506	-.0023	191.1	.0510	.4668
#3	.0006	1.878	.1307	1.083	1.986	.0510	-.0010	191.6	.0517	.4726
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1937	.2300	1.091	11.28	16.70	.5033	.9523	11.14	.4677	.5095
Stddev	.0007	.0006	.009	.25	.09	.0035	.0075	.20	.0041	.0056
%RSD	.3597	.2736	.7816	2.184	.5274	.6993	.7842	1.781	.8756	1.092
#1	.1933	.2292	1.083	11.01	16.65	.4993	.9458	10.93	.4639	.5040
#2	.1933	.2303	1.090	11.34	16.65	.5044	.9507	11.17	.4673	.5094
#3	.1945	.2303	1.100	11.49	16.80	.5061	.9605	11.32	.4720	.5151
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.5042	.1279	4.676	.9372	1.314	.9582	.1125	.5089	.4938	
Stddev	.0064	.0002	.019	.0046	.012	.0025	.0029	.0023	.0048	
%RSD	1.271	.1858	.4094	.4877	.8786	.2574	2.578	.4579	.9671	
#1	.4998	.1276	4.663	.9345	1.302	.9562	.1104	.5066	.4897	
#2	.5013	.1280	4.667	.9347	1.314	.9574	.1113	.5089	.4927	
#3	.5116	.1280	4.698	.9425	1.325	.9610	.1158	.5112	.4990	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4417.3	96117.	7580.2							
Stddev	37.3	575.	35.5							
%RSD	.84411	.59785	.46839							
#1	4437.3	96579.	7592.1							
#2	4440.3	96299.	7608.2							
#3	4374.3	95473.	7540.3							

Sample Name: L1926894-02,C Acquired: 6/24/2019 12:36:09 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0087	.0027	.0298	.1039	-.0002	.0004	187.0	-.0000	.0005
Stddev	.0002	.0042	.0031	.0006	.0007	.0001	.0009	.5	.0001	.0001
%RSD	262.1	48.34	115.9	2.170	.6703	30.60	230.5	.2933	1331.	25.70

#1	.0001	.0051	-.0001	.0300	.1040	-.0002	.0002	186.7	.0001	.0004
#2	-.0002	.0133	.0021	.0291	.1032	-.0001	-.0004	186.6	-.0000	.0006
#3	-.0001	.0077	.0060	.0304	.1046	-.0002	.0014	187.6	-.0001	.0004

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0085	.0111	2.053	6.629	.0510	.0091	1.588	.0043	.0021
Stddev	.0003	.0005	.0008	.042	.032	.0007	.0004	.006	.0002	.0003
%RSD	60.62	5.984	7.657	2.025	.4780	1.420	4.006	.3909	5.548	13.39

#1	.0003	.0082	.0120	2.031	6.600	.0502	.0095	1.584	.0041	.0018
#2	.0008	.0091	.0103	2.101	6.626	.0513	.0090	1.586	.0045	.0021
#3	.0003	.0082	.0110	2.028	6.663	.0516	.0088	1.595	.0042	.0024

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018	.0010	4.591	-.0008	.2895	.0027	-.0016	.0053	.0022
Stddev	.0013	.0010	.021	.0006	.0021	.0011	.0007	.0005	.0001
%RSD	70.17	104.7	.4515	75.15	.7176	39.56	44.33	9.892	6.377

#1	.0029	.0012	4.590	-.0010	.2882	.0018	-.0017	.0054	.0021
#2	.0022	-.0001	4.571	-.0001	.2884	.0038	-.0022	.0058	.0021
#3	.0004	.0018	4.612	-.0013	.2919	.0024	-.0008	.0048	.0023

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4434.6	96421.	7573.5
Stddev	58.1	133.	45.0
%RSD	1.3091	.13762	.59482

#1	4458.2	96432.	7625.4
#2	4477.2	96283.	7550.4
#3	4368.5	96547.	7544.7

Sample Name: WG1251936-6,C,5 Acquired: 6/24/2019 12:40:21 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0009	.0019	.0021	.0055	.0218	.0001	-.0004	39.71	.0000	.0000
Stddev	.0002	.0049	.0029	.0002	.0002	.0000	.0014	.45	.0000	.0002
%RSD	22.97	253.0	137.9	4.211	.9802	20.49	385.5	1.136	120.7	403.2

#1	-.0007	.0035	.0017	.0054	.0220	.0001	.0006	40.14	.0000	-.0001
#2	-.0010	-.0035	-.0006	.0053	.0219	.0001	-.0020	39.74	-.0000	.0002
#3	-.0011	.0058	.0051	.0058	.0216	.0001	.0003	39.24	.0001	.0001

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0004	.0046	.0008	.3799	1.464	.0115	.0019	.3399	.0018	.0011
Stddev	.0004	.0007	.0018	.0130	.015	.0004	.0002	.0071	.0003	.0007
%RSD	114.0	14.63	224.5	3.410	.9887	3.165	8.530	2.103	18.00	60.04

#1	-.0009	.0052	.0028	.3842	1.481	.0117	.0020	.3481	.0015	.0007
#2	-.0000	.0039	-.0007	.3654	1.456	.0111	.0019	.3365	.0022	.0018
#3	-.0003	.0047	.0002	.3902	1.456	.0116	.0017	.3351	.0018	.0007

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	-.0010	.8998	-.0008	.0621	.0002	.0000	.0006	.0007
Stddev	.0010	.0042	.0115	.0001	.0005	.0001	.0014	.0004	.0002
%RSD	554.6	438.7	1.282	13.53	.7661	75.46	3403.	64.12	22.26

#1	.0009	.0012	.9117	-.0007	.0626	.0002	-.0010	.0010	.0007
#2	-.0003	.0017	.8992	-.0009	.0621	.0000	.0016	.0002	.0006
#3	-.0011	-.0058	.8886	-.0007	.0616	.0003	-.0004	.0007	.0009

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4652.2	100610.	7761.6
Stddev	42.7	508.	24.4
%RSD	.91763	.50535	.31403

#1	4678.8	100030.	7734.7
#2	4674.7	100990.	7782.3
#3	4602.9	100820.	7767.7

Sample Name: L1925021-02,T,2 Acquired: 6/24/2019 12:44:34 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0013	22.21	.0107	.0099	.2340	.0011	.0006	5.334	-.0007	.0203
Stddev	.0002	.59	.0034	.0007	.0059	.0001	.0011	.133	.0001	.0003
%RSD	15.93	2.653	31.87	7.453	2.516	7.202	178.7	2.495	13.03	1.397

#1	-.0010	22.88	.0076	.0093	.2407	.0012	.0017	5.487	-.0008	.0204
#2	-.0014	21.78	.0102	.0096	.2295	.0011	.0006	5.240	-.0006	.0200
#3	-.0014	21.96	.0144	.0107	.2318	.0011	-.0005	5.276	-.0007	.0205

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0677	.0699	62.63	4.158	13.26	.4095	.0029	.3884	.0795	.3806
Stddev	.0002	.0003	1.64	.141	.46	.0095	.0003	.0160	.0007	.0015
%RSD	.3470	.3707	2.614	3.392	3.439	2.326	10.90	4.125	.8239	.3873

#1	.0676	.0700	64.46	4.317	13.78	.4203	.0026	.4062	.0790	.3805
#2	.0675	.0696	61.33	4.047	12.93	.4021	.0031	.3750	.0792	.3792
#3	.0679	.0701	62.09	4.111	13.07	.4061	.0031	.3842	.0802	.3821

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066	-.0049	1.852	.0104	.0811	1.277	-.0002	.1080	.4794
Stddev	.0021	.0026	.006	.0008	.0021	.001	.0014	.0001	.0025
%RSD	32.73	53.09	.3164	7.778	2.624	.0393	603.2	.1240	.5136

#1	.0056	-.0024	1.853	.0095	.0835	1.277	-.0004	.1079	.4792
#2	.0051	-.0047	1.846	.0112	.0796	1.278	.0012	.1081	.4770
#3	.0090	-.0076	1.857	.0104	.0803	1.277	-.0016	.1081	.4819

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4792.3	103070.	7860.6
Stddev	42.3	446.	291.4
%RSD	.88330	.43302	3.7077

#1	4814.6	102610.	7525.5
#2	4818.9	103500.	8055.1
#3	4743.5	103100.	8001.2

Sample Name: L1925021-03,T,2 Acquired: 6/24/2019 12:48:40 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0015	7.871	.0097	.0057	.0272	.0001	.0001	2.661	-.0008	.0065
Stddev	.0007	.004	.0009	.0005	.0002	.0000	.0011	.013	.0000	.0001
%RSD	45.32	.0543	9.522	8.105	.6834	19.71	1930.	.4706	3.156	2.137

#1	-.0011	7.875	.0108	.0062	.0270	.0001	-.0006	2.647	-.0008	.0065
#2	-.0023	7.867	.0090	.0056	.0274	.0001	-.0006	2.666	-.0008	.0063
#3	-.0011	7.869	.0095	.0053	.0271	.0001	.0013	2.671	-.0007	.0066

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0288	.0177	26.72	1.763	4.386	.1384	.0008	.4216	.0171	.0134
Stddev	.0003	.0001	.03	.035	.046	.0004	.0001	.0038	.0002	.0007
%RSD	.9026	.7430	.1110	2.007	1.046	.3061	8.990	.9099	1.334	5.179

#1	.0289	.0176	26.69	1.725	4.335	.1384	.0008	.4242	.0169	.0134
#2	.0285	.0179	26.73	1.795	4.400	.1380	.0008	.4172	.0170	.0127
#3	.0290	.0177	26.74	1.769	4.424	.1388	.0007	.4235	.0173	.0141

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026	-.0061	1.296	.0003	.0382	.5386	-.0001	.0438	.0363
Stddev	.0012	.0018	.003	.0007	.0002	.0013	.0008	.0002	.0002
%RSD	46.03	29.55	.1891	273.5	.3953	.2376	640.5	.4565	.4474

#1	.0012	-.0070	1.297	.0010	.0381	.5383	.0008	.0436	.0362
#2	.0034	-.0074	1.293	-.0003	.0383	.5375	-.0007	.0440	.0361
#3	.0032	-.0041	1.298	-.0000	.0380	.5400	-.0004	.0438	.0364

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4763.6	102470.	7977.9
Stddev	41.7	82.	65.7
%RSD	.87602	.07967	.82302

#1	4790.0	102400.	8045.4
#2	4785.3	102440.	7974.2
#3	4715.5	102560.	7914.2

Sample Name: L1925021-04,T,2 Acquired: 6/24/2019 12:52:50 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0013	8.049	.0115	.0055	.0509	.0001	-.0003	3.031	-.0006	.0066
Stddev	.0003	.011	.0004	.0007	.0002	.0000	.0002	.035	.0000	.0002
%RSD	19.22	.1365	3.688	12.74	.4427	12.25	63.68	1.139	5.464	2.968

#1	-.0016	8.055	.0117	.0063	.0511	.0001	-.0002	3.071	-.0006	.0066
#2	-.0013	8.036	.0119	.0050	.0508	.0001	-.0006	3.017	-.0007	.0065
#3	-.0011	8.056	.0111	.0052	.0507	.0001	-.0003	3.006	-.0006	.0068

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0341	.0167	22.04	2.500	4.589	.1321	.0010	.3714	.0167	.0584
Stddev	.0003	.0004	.12	.042	.021	.0009	.0002	.0067	.0004	.0007
%RSD	.9352	2.249	.5375	1.669	.4688	.7077	21.84	1.794	2.575	1.246

#1	.0339	.0169	22.15	2.455	4.609	.1331	.0009	.3791	.0166	.0579
#2	.0338	.0163	22.07	2.537	4.592	.1313	.0008	.3668	.0164	.0580
#3	.0344	.0168	21.92	2.508	4.566	.1318	.0012	.3683	.0172	.0592

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0005	-.0043	1.760	.0011	.0356	.7139	-.0000	.0351	.0411
Stddev	.0014	.0028	.001	.0003	.0001	.0009	.0005	.0004	.0003
%RSD	255.6	66.86	.0781	31.06	.1552	.1320	1293.	1.036	.8222

#1	.0008	-.0036	1.760	.0009	.0357	.7150	-.0000	.0350	.0408
#2	-.0005	-.0018	1.758	.0015	.0356	.7136	.0005	.0347	.0409
#3	-.0019	-.0074	1.761	.0009	.0355	.7132	-.0006	.0354	.0414

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4723.4	101080.	7844.5
Stddev	46.6	328.	32.0
%RSD	.98656	.32463	.40796

#1	4745.8	101340.	7833.0
#2	4754.7	101190.	7819.8
#3	4669.9	100710.	7880.6

Sample Name: CCV Acquired: 6/24/2019 12:56:59 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5294	.4818	.5144	.5011	.4920	.5346	-.0016	.5046	.4834	.4814
Stddev	.0010	.0103	.0049	.0025	.0004	.0016	.0021	.0039	.0029	.0025
%RSD	.1920	2.139	.9501	.4996	.0771	.3080	128.2	.7814	.6085	.5225
#1	.5282	.4937	.5150	.5007	.4916	.5334	-.0031	.5038	.4822	.4811
#2	.5300	.4757	.5092	.4989	.4920	.5339	-.0024	.5089	.4812	.4790
#3	.5300	.4761	.5189	.5038	.4924	.5365	.0007	.5011	.4867	.4840

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5093	.4702	F .5713	4.947	F .5742	.4847	.4784	10.36	.4932	.5117
Stddev	.0012	.0002	.0043	.005	.0040	.0011	.0020	.02	.0030	.0037
%RSD	.2326	.0381	.7599	.0922	.6995	.2318	.4278	.1894	.6125	.7138
#1	.5083	.4703	.5715	4.942	.5770	.4844	.4780	10.34	.4924	.5122
#2	.5106	.4700	.5668	4.949	.5696	.4838	.4766	10.37	.4907	.5079
#3	.5090	.4702	.5755	4.951	.5759	.4860	.4806	10.37	.4966	.5152

Check ? Chk Pass Chk Pass Chk Fail Chk Pass Chk Fail Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit .5524
Low Limit .4476 .5524
 .4476

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5032	.4929	4.901	.4892	.5460	.4910	.4831	.5121	.4939
Stddev	.0027	.0033	.012	.0018	.0011	.0005	.0030	.0002	.0032
%RSD	.5456	.6610	.2484	.3752	.2101	.1086	.6179	.0301	.6489
#1	.5021	.4925	4.898	.4878	.5468	.4912	.4840	.5122	.4926
#2	.5011	.4899	4.890	.4885	.5447	.4914	.4798	.5121	.4916
#3	.5063	.4964	4.914	.4912	.5465	.4904	.4856	.5119	.4976

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4677.5	100910.	7754.4
Stddev	41.8	419.	49.6
%RSD	.89445	.41499	.64008
#1	4700.1	101330.	7722.2
#2	4703.2	100490.	7811.6
#3	4629.2	100920.	7729.4

Sample Name: CCB Acquired: 6/24/2019 13:01:12 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	-.0002	.0006	.0007	.0001	.0006	.0002	-.0008	.0004	.0002
Stddev	.0009	.0100	.0031	.0004	.0005	.0000	.0012	.0065	.0000	.0001
%RSD	178.8	5605.	549.7	51.90	442.9	6.503	654.9	855.9	7.969	41.95

#1	.0009	-.0116	-.0001	.0010	.0001	.0006	-.0012	.0048	.0004	.0001
#2	-.0005	.0062	.0039	.0003	-.0004	.0006	.0011	-.0080	.0004	.0002
#3	.0011	.0050	-.0021	.0008	.0006	.0007	.0006	.0009	.0004	.0002

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	.0046	.0078	-.0485	.0041	.0011	.0013	.0259	.0021	.0007
Stddev	.0003	.0003	.0021	.0138	.0008	.0001	.0003	.0035	.0003	.0007
%RSD	39.40	5.701	26.80	28.47	19.59	7.318	23.50	13.47	12.36	98.40

#1	.0009	.0043	.0056	-.0347	.0036	.0012	.0017	.0245	.0020	-.0001
#2	.0004	.0048	.0081	-.0623	.0050	.0010	.0013	.0234	.0019	.0009
#3	.0009	.0045	.0097	-.0486	.0037	.0011	.0011	.0299	.0024	.0012

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048	-.0031	-.0055	.0007	.0002	.0009	.0003	.0000	.0006
Stddev	.0014	.0028	.0001	.0007	.0000	.0005	.0010	.0001	.0002
%RSD	28.94	91.56	2.299	108.3	23.03	57.01	307.4	376.3	27.94

#1	.0041	-.0024	-.0055	.0013	.0002	.0009	-.0001	-.0001	.0004
#2	.0065	-.0007	-.0056	.0009	.0002	.0004	.0014	.0002	.0005
#3	.0040	-.0061	-.0053	-.0001	.0002	.0015	-.0004	-.0000	.0007

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4661.7	100820.	7687.0
Stddev	56.4	431.	25.1
%RSD	1.2104	.42774	.32657

#1	4695.5	101110.	7658.2
#2	4693.1	100330.	7699.5
#3	4596.6	101040.	7703.5

Sample Name: CCV Acquired: 6/24/2019 13:15:26 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5348	.4826	.5172	.5034	.4965	.5431	-.0018	.5132	.4846	.4812
Stddev	.0025	.0052	.0045	.0018	.0009	.0070	.0006	.0146	.0029	.0024
%RSD	.4609	1.075	.8699	.3515	.1734	1.291	31.72	2.848	.5890	.4962
#1	.5374	.4871	.5136	.5019	.4975	.5490	-.0015	.5222	.4828	.4796
#2	.5348	.4770	.5159	.5030	.4958	.5353	-.0014	.4963	.4831	.4800
#3	.5324	.4838	.5223	.5054	.4963	.5448	-.0024	.5211	.4879	.4839

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5139	.4727	F .5610	4.877	F .5748	.4881	.4785	10.46	.4960	.5094
Stddev	.0027	.0004	.0044	.022	.0045	.0010	.0026	.03	.0024	.0023
%RSD	.5350	.0804	.7873	.4436	.7819	.2149	.5424	.2961	.4875	.4433
#1	.5151	.4730	.5650	4.853	.5776	.4893	.4766	10.47	.4945	.5073
#2	.5158	.4728	.5563	4.895	.5696	.4878	.4774	10.42	.4947	.5091
#3	.5107	.4723	.5617	4.884	.5772	.4873	.4814	10.48	.4988	.5118

Check ? Chk Pass Chk Pass Chk Fail Chk Pass Chk Fail Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5056	.4944	4.920	.4887	.5502	.4882	.4837	.5166	.4955
Stddev	.0030	.0033	.019	.0029	.0026	.0009	.0024	.0011	.0035
%RSD	.6017	.6681	.3926	.5919	.4636	.1945	.4920	.2082	.6998
#1	.5030	.4906	4.904	.4864	.5518	.4874	.4819	.5177	.4936
#2	.5048	.4964	4.914	.4877	.5473	.4892	.4829	.5165	.4933
#3	.5089	.4962	4.941	.4919	.5517	.4881	.4864	.5155	.4995

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4640.6	98836.	7595.5
Stddev	40.6	545.	79.9
%RSD	.87545	.55102	1.0523
#1	4656.6	98215.	7529.7
#2	4670.8	99233.	7684.5
#3	4594.4	99059.	7572.4

Sample Name: CCB Acquired: 6/24/2019 13:19:38 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0010	-.0070	.0012	.0009	.0003	.0007	.0005	-.0014	.0007	.0009
Stddev	.0009	.0060	.0030	.0011	.0004	.0000	.0006	.0039	.0004	.0007
%RSD	87.03	85.23	246.4	122.0	142.3	6.158	123.1	270.4	58.30	80.47

#1	-.0006	-.0065	.0028	-.0001	-.0002	.0008	-.0001	-.0047	.0004	.0003
#2	-.0020	-.0013	.0031	.0021	.0005	.0007	.0004	.0028	.0012	.0017
#3	-.0004	-.0133	-.0022	.0007	.0005	.0007	.0012	-.0025	.0005	.0008

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0048	.0003	-.0362	.0055	.0008	.0021	.0219	.0025	.0016
Stddev	.0002	.0002	.0033	.0308	.0021	.0004	.0011	.0054	.0006	.0009
%RSD	18.58	3.475	1165.	84.99	37.79	45.72	50.49	24.62	25.25	60.02

#1	.0013	.0050	.0023	-.0070	.0038	.0012	.0019	.0178	.0020	.0005
#2	.0011	.0047	.0020	-.0683	.0049	.0008	.0032	.0280	.0032	.0022
#3	.0009	.0049	-.0035	-.0333	.0078	.0004	.0011	.0199	.0023	.0020

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060	-.0014	.0015	.0017	.0005	.0011	.0004	.0003	.0014
Stddev	.0014	.0024	.0095	.0015	.0001	.0002	.0011	.0003	.0011
%RSD	22.76	166.4	650.4	90.46	29.55	22.35	274.3	88.74	81.17

#1	.0073	-.0028	-.0054	.0012	.0004	.0014	-.0003	.0006	.0005
#2	.0060	.0013	.0123	.0034	.0004	.0010	.0016	.0003	.0026
#3	.0046	-.0028	-.0026	.0005	.0006	.0009	-.0002	.0000	.0009

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4634.7	99096.	7596.3
Stddev	55.8	501.	6.6
%RSD	1.2047	.50537	.08658

#1	4647.8	98604.	7592.3
#2	4682.8	99605.	7603.8
#3	4573.4	99077.	7592.6

Sample Name: WG1251880-1,T Acquired: 6/24/2019 13:24:22 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0003	-.0004	.0025	-.0007	-.0003	.0002	-.0007	.0098	.0001	.0001
Stddev	.0004	.0043	.0005	.0002	.0001	.0000	.0005	.0026	.0000	.0002
%RSD	139.2	1075.	21.05	27.26	19.88	8.759	68.18	26.78	16.76	168.7

#1	-.0000	-.0019	.0020	-.0008	-.0004	.0002	-.0003	.0080	.0001	-.0001
#2	-.0008	-.0037	.0031	-.0009	-.0003	.0002	-.0013	.0129	.0001	.0003
#3	-.0001	.0045	.0025	-.0005	-.0003	.0002	-.0006	.0087	.0001	.0002

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0011	.0048	-.0032	-.0081	-.0003	.0004	.0004	.0107	.0011	.0013
Stddev	.0004	.0004	.0013	.0381	.0038	.0003	.0001	.0075	.0004	.0002
%RSD	31.75	9.182	40.22	470.0	1289.	79.04	32.48	69.69	34.06	12.78

#1	-.0008	.0051	-.0032	.0169	-.0016	.0005	.0005	.0092	.0010	.0011
#2	-.0012	.0050	-.0045	.0107	-.0032	.0001	.0006	.0041	.0008	.0013
#3	-.0015	.0043	-.0019	-.0519	.0039	.0007	.0003	.0189	.0015	.0015

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	-.0040	-.0001	-.0014	-.0001	-.0002	-.0001	-.0005	.0000
Stddev	.0003	.0028	.0009	.0001	.0000	.0001	.0004	.0001	.0002
%RSD	140.5	68.82	810.7	7.696	38.47	36.21	482.3	25.87	459.2

#1	-.0000	-.0023	-.0011	-.0013	-.0001	-.0002	.0002	-.0004	.0001
#2	-.0006	-.0072	.0001	-.0015	-.0001	-.0003	-.0005	-.0006	-.0001
#3	-.0001	-.0025	.0006	-.0014	-.0000	-.0002	.0001	-.0004	.0001

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4683.1	100220.	7751.0
Stddev	55.8	217.	33.1
%RSD	1.1909	.21668	.42672

#1	4711.8	100050.	7732.4
#2	4718.5	100470.	7731.5
#3	4618.8	100150.	7789.2

Sample Name: WG1251880-2,T Acquired: 6/24/2019 13:28:36 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0546	2.000	.1339	1.084	1.995	.0545	-.0021	9.930	.0546	.4982
Stddev	.0006	.008	.0011	.005	.007	.0003	.0007	.019	.0004	.0034
%RSD	1.155	.3796	.7999	.5096	.3348	.6158	33.37	.1873	.7079	.6848

#1	.0545	1.995	.1340	1.082	1.993	.0548	-.0024	9.943	.0544	.4955
#2	.0540	2.009	.1350	1.080	2.003	.0545	-.0013	9.938	.0544	.4971
#3	.0552	1.996	.1329	1.091	1.990	.0541	-.0025	9.909	.0551	.5020

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2059	.2376	1.158	10.16	11.48	.4914	.9506	10.53	.4985	.5460
Stddev	.0016	.0008	.001	.07	.08	.0009	.0071	.01	.0027	.0034
%RSD	.7978	.3214	.0745	.6727	.6887	.1805	.7450	.1347	.5506	.6180

#1	.2063	.2368	1.159	10.17	11.57	.4907	.9444	10.54	.4970	.5428
#2	.2041	.2377	1.158	10.23	11.45	.4924	.9492	10.54	.4968	.5455
#3	.2073	.2384	1.157	10.09	11.42	.4912	.9583	10.51	.5016	.5495

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4756	.1325	.2060	.9564	1.107	.9885	.1217	.5318	.5278
Stddev	.0155	.0018	.0007	.0126	.002	.0005	.0010	.0040	.0051
%RSD	3.250	1.374	.3522	1.322	.1468	.0495	.8215	.7440	.9700

#1	.4594	.1330	.2056	.9442	1.108	.9889	.1219	.5312	.5246
#2	.4770	.1340	.2055	.9557	1.107	.9887	.1205	.5282	.5251
#3	.4902	.1305	.2068	.9694	1.105	.9880	.1225	.5361	.5337

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4637.2	98792.	7724.1
Stddev	42.9	761.	23.6
%RSD	.92614	.76996	.30549

#1	4658.4	98920.	7697.9
#2	4665.4	99481.	7730.8
#3	4587.7	97976.	7743.7

Sample Name: L1927103-01,T Acquired: 6/24/2019 13:32:38 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0125	.2652	9.676	.0008	.0001	-.0010	.0304	.0001	.0000
Stddev	.0004	.0019	.0055	.075	.0002	.0000	.0004	.0018	.0001	.0001
%RSD	168.0	14.84	2.092	.7751	21.86	9.351	41.23	5.990	60.47	6451.

#1	-.0005	.0141	.2624	9.622	.0007	.0001	-.0008	.0286	.0001	-.0001
#2	-.0004	.0130	.2616	9.645	.0010	.0001	-.0007	.0322	.0001	.0001
#3	.0002	.0105	.2716	9.762	.0008	.0001	-.0015	.0303	.0000	-.0000

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0010	.0207	-.0015	52.90	.0051	.0004	.0070	11.91	.0065	.0002
Stddev	.0005	.0001	.0018	.04	.0015	.0002	.0013	.01	.0002	.0015
%RSD	44.24	.4576	118.4	.0704	30.46	44.57	18.65	.0865	2.329	872.2

#1	-.0014	.0206	-.0017	52.89	.0068	.0002	.0084	11.91	.0063	-.0004
#2	-.0005	.0206	.0004	52.95	.0039	.0005	.0069	11.91	.0065	-.0009
#3	-.0012	.0208	-.0033	52.88	.0045	.0003	.0058	11.89	.0066	.0018

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181	.0007	.0438	.0075	.0001	.0022	.0002	-.0004	.0172
Stddev	.0032	.0015	.0009	.0016	.0001	.0003	.0006	.0004	.0003
%RSD	17.44	229.7	2.107	21.71	122.4	15.88	241.2	81.45	1.531

#1	.0214	.0005	.0446	.0092	.0000	.0026	.0003	-.0009	.0174
#2	.0179	-.0008	.0428	.0074	.0003	.0020	-.0004	-.0002	.0169
#3	.0151	.0023	.0441	.0059	.0001	.0020	.0007	-.0002	.0173

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4620.8	99978.	7948.3
Stddev	78.4	295.	33.8
%RSD	1.6966	.29468	.42507

#1	4672.0	100160.	7910.3
#2	4659.8	100130.	7974.9
#3	4530.5	99638.	7959.7

Sample Name: L1927103-02,T Acquired: 6/24/2019 13:36:52 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0003	.0358	.5646	11.31	.0006	.0001	-.0019	.0581	.0000	.0001
Stddev	.0004	.0037	.0038	.09	.0001	.0000	.0010	.0108	.0000	.0001
%RSD	173.8	10.22	.6663	.7578	10.17	10.46	54.28	18.63	44.36	114.6

#1	.0003	.0354	.5630	11.27	.0005	.0001	-.0025	.0642	.0000	.0002
#2	-.0006	.0324	.5619	11.24	.0006	.0001	-.0007	.0456	.0000	.0000
#3	-.0004	.0397	.5689	11.40	.0006	.0001	-.0025	.0645	.0000	.0000

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0005	.0744	.0034	61.59	.0056	.0005	.5290	4.265	.0541	.0033
Stddev	.0003	.0003	.0022	.65	.0019	.0004	.0032	.039	.0004	.0009
%RSD	59.86	.4141	65.06	1.057	32.80	81.00	.6107	.9042	.6557	27.59

#1	-.0002	.0746	.0047	60.86	.0071	.0001	.5274	4.223	.0538	.0031
#2	-.0007	.0741	.0009	61.81	.0062	.0009	.5269	4.298	.0540	.0026
#3	-.0006	.0745	.0047	62.10	.0036	.0005	.5327	4.275	.0545	.0043

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0041	.0066	.1198	.0014	-.0000	.0360	.0002	.0012	.0544
Stddev	.0007	.0011	.0006	.0002	.0001	.0002	.0004	.0003	.0006
%RSD	17.39	16.95	.5035	16.54	1869.	.5082	185.7	22.70	1.019

#1	-.0045	.0076	.1191	.0011	-.0001	.0362	.0006	.0013	.0542
#2	-.0033	.0069	.1201	.0015	-.0001	.0359	.0004	.0009	.0540
#3	-.0045	.0054	.1202	.0015	.0001	.0358	-.0002	.0013	.0551

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4608.5	99730.	7868.8
Stddev	59.0	164.	56.1
%RSD	1.2793	.16491	.71282

#1	4637.4	99832.	7926.5
#2	4647.5	99540.	7865.4
#3	4540.7	99817.	7814.4

Sample Name: L1927103-03,T Acquired: 6/24/2019 13:41:05 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0329	.4660	11.36	.0003	.0002	-.0010	.0160	.0000	-.0003
Stddev	.0001	.0086	.0041	.07	.0001	.0000	.0006	.0057	.0000	.0000
%RSD	58.81	26.19	.8789	.5834	41.97	9.033	62.12	35.27	99.28	14.04

#1	-.0003	.0314	.4676	11.32	.0001	.0002	-.0014	.0225	.0001	-.0003
#2	-.0001	.0251	.4613	11.33	.0003	.0002	-.0003	.0121	.0000	-.0003
#3	-.0002	.0421	.4690	11.44	.0004	.0002	-.0014	.0135	.0000	-.0004

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0006	.0229	.0025	60.91	.0010	.0002	.3907	.4737	.0173	.0010
Stddev	.0004	.0006	.0009	.10	.0011	.0002	.0029	.0149	.0003	.0008
%RSD	78.98	2.518	35.08	.1647	117.1	99.58	.7339	3.136	1.514	83.89

#1	-.0010	.0226	.0029	60.95	-.0000	.0003	.3890	.4887	.0172	.0003
#2	-.0004	.0235	.0015	60.80	.0007	-.0000	.3891	.4735	.0171	.0007
#3	-.0002	.0225	.0031	60.98	.0022	.0002	.3941	.4590	.0176	.0018

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0058	.0593	.0382	-.0002	-.0001	.0071	.0027	-.0003	.0519
Stddev	.0002	.0020	.0011	.0004	.0001	.0001	.0013	.0001	.0005
%RSD	3.825	3.449	2.780	145.8	35.82	1.705	46.54	41.31	.9459

#1	-.0061	.0596	.0391	-.0006	-.0002	.0070	.0016	-.0002	.0517
#2	-.0057	.0572	.0384	-.0002	-.0002	.0070	.0023	-.0004	.0515
#3	-.0057	.0612	.0370	.0001	-.0001	.0072	.0041	-.0003	.0524

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4604.3	99293.	7878.9
Stddev	71.3	355.	20.1
%RSD	1.5491	.35756	.25559

#1	4651.6	99510.	7891.5
#2	4639.0	98883.	7855.7
#3	4522.3	99485.	7889.5

Sample Name: CCV Acquired: 6/24/2019 13:45:37 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5400	.4878	.5143	.5256	.4948	.5412	-.0026	.5085	.4856	.4835
Stddev	.0027	.0038	.0008	.0015	.0005	.0032	.0008	.0098	.0032	.0026
%RSD	.4998	.7892	.1549	.2905	.0979	.5926	32.76	1.925	.6492	.5438

#1	.5378	.4917	.5149	.5257	.4953	.5449	-.0022	.5058	.4846	.4826
#2	.5392	.4840	.5134	.5241	.4944	.5389	-.0020	.5003	.4830	.4815
#3	.5430	.4878	.5146	.5271	.4946	.5400	-.0036	.5193	.4891	.4865

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5149	.4702	F .5694	4.957	F .5817	.4878	.4805	10.46	.4964	.5168
Stddev	.0011	.0005	.0027	.020	.0035	.0028	.0025	.01	.0031	.0027
%RSD	.2219	.1128	.4776	.4070	.5941	.5795	.5224	.1123	.6236	.5245

#1	.5148	.4702	.5722	4.947	.5779	.4902	.4785	10.47	.4949	.5156
#2	.5138	.4696	.5690	4.981	.5826	.4886	.4797	10.45	.4943	.5148
#3	.5161	.4706	.5668	4.944	.5846	.4847	.4833	10.45	.5000	.5199

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.5524		.5524					
Low Limit			.4476		.4476					

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5099	.4925	4.903	.4948	F .5570	.4924	.4845	.5156	.4957
Stddev	.0013	.0025	.025	.0029	.0001	.0008	.0024	.0019	.0031
%RSD	.2558	.5076	.5030	.5901	.0251	.1684	.4940	.3702	.6256

#1	.5091	.4915	4.895	.4938	.5569	.4933	.4840	.5152	.4946
#2	.5093	.4906	4.883	.4925	.5572	.4921	.4823	.5138	.4933
#3	.5114	.4953	4.930	.4981	.5569	.4917	.4870	.5176	.4992

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					.5524				
Low Limit					.4476				

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4636.8	98979.	7584.8
Stddev	45.0	254.	25.5
%RSD	.97011	.25652	.33562

#1	4657.4	99267.	7556.0
#2	4667.9	98880.	7594.3
#3	4585.2	98789.	7604.2

Sample Name: CCB Acquired: 6/24/2019 13:49:50 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	-.0005	.0001	.0120	.0004	.0007	-.0001	.0081	.0005	.0005
Stddev	.0001	.0031	.0014	.0007	.0002	.0000	.0005	.0054	.0000	.0001
%RSD	93.85	604.9	2530.	6.034	64.62	5.052	564.0	66.90	6.463	29.23
#1	.0002	-.0040	-.0015	.0127	.0006	.0007	-.0006	.0020	.0005	.0005
#2	-.0000	.0008	.0010	.0113	.0004	.0007	-.0001	.0125	.0005	.0005
#3	.0002	.0017	.0007	.0119	.0001	.0007	.0004	.0098	.0004	.0003

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0056	.0030	-.0333	.0067	.0007	.0020	.0208	.0020	.0003
Stddev	.0002	.0001	.0017	.0299	.0015	.0006	.0003	.0066	.0001	.0018
%RSD	42.43	1.828	57.89	89.75	21.83	86.32	17.00	31.53	3.747	689.0
#1	.0003	.0055	.0047	-.0677	.0078	.0014	.0023	.0279	.0020	-.0014
#2	.0008	.0057	.0032	-.0180	.0050	.0005	.0022	.0150	.0020	.0022
#3	.0005	.0056	.0012	-.0142	.0073	.0002	.0016	.0196	.0021	-.0000

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049	-.0041	-.0039	.0028	.0005	.0010	.0002	-.0001	.0007
Stddev	.0006	.0032	.0005	.0012	.0003	.0004	.0011	.0004	.0001
%RSD	12.35	78.04	11.93	42.22	55.58	39.34	496.9	387.6	18.19
#1	.0056	-.0045	-.0035	.0027	.0008	.0015	-.0010	.0002	.0005
#2	.0048	-.0070	-.0044	.0017	.0003	.0007	.0011	-.0005	.0007
#3	.0044	-.0007	-.0039	.0041	.0003	.0009	.0005	-.0001	.0008

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4641.7	99448.	7633.2
Stddev	58.2	167.	65.9
%RSD	1.2544	.16811	.86397
#1	4666.4	99364.	7557.2
#2	4683.5	99339.	7676.1
#3	4575.2	99640.	7666.2

Sample Name: Std 0 Acquired: 6/24/2019 14:03:16 Type: Cal
Method: Trace_4_E200.7_SW6010(v91) Mode: IR Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0003	.0005	-.0005	.0048	-.0025	.0844	.0012	.0018	-.0011	.0005
Stddev	.0001	.0008	.0001	.0002	.0011	.0006	.0000	.0003	.0002	.0000
%RSD	17.38	157.4	23.22	3.366	42.57	.7106	3.103	15.47	15.34	7.396

#1	-.0003	.0010	-.0005	.0050	-.0013	.0838	.0012	.0017	-.0009	.0005
#2	-.0004	.0009	-.0004	.0047	-.0030	.0850	.0012	.0022	-.0012	.0005
#3	-.0003	-.0004	-.0006	.0048	-.0031	.0844	.0012	.0017	-.0012	.0005

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0002	.0072	.0014	-.0069	.0041	.0014	.0000	.0135	.0065	.0010
Stddev	.0000	.0001	.0006	.0025	.0005	.0002	.0002	.0015	.0003	.0004
%RSD	25.82	.9631	40.56	36.25	11.96	15.32	760.9	11.42	4.036	37.19

#1	.0002	.0071	.0019	-.0098	.0036	.0011	.0003	.0137	.0068	.0014
#2	.0001	.0072	.0016	-.0061	.0040	.0014	-.0001	.0119	.0063	.0006
#3	.0002	.0073	.0008	-.0050	.0046	.0015	-.0001	.0150	.0063	.0010

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0012	.0003	.0051	.0006	.0028	-.0006	-.0002	.0000	.0000
Stddev	.0001	.0001	.0002	.0001	.0006	.0001	.0001	.0001	.0001
%RSD	5.676	35.12	3.660	9.473	19.86	19.31	28.12	129.1	386.3

#1	.0012	.0002	.0051	.0006	.0023	-.0005	-.0001	.0001	.0001
#2	.0013	.0004	.0050	.0007	.0028	-.0007	-.0002	-.0000	-.0001
#3	.0012	.0003	.0053	.0006	.0034	-.0005	-.0003	.0001	.0001

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4656.0	97959.	7490.8
Stddev	17.3	77.	50.0
%RSD	.37140	.07905	.66795

#1	4637.3	97896.	7465.1
#2	4671.4	98046.	7458.8
#3	4659.3	97936.	7548.4

Sample Name: ICAL Acquired: 6/24/2019 14:07:29 Type: Cal
Method: Trace_4_E200.7_SW6010(v91) Mode: IR Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2229	.1180	.0529	.4738	5.603	86.34	.2103	.0805	3.516	1.399
Stddev	.0010	.0010	.0002	.0014	.005	.33	.0009	.0002	.007	.003
%RSD	.4267	.8086	.3192	.2974	.0889	.3864	.4325	.2954	.1905	.2421

#1	.2230	.1191	.0530	.4747	5.602	86.73	.2101	.0807	3.519	1.402
#2	.2219	.1175	.0527	.4721	5.599	86.13	.2095	.0802	3.508	1.395
#3	.2238	.1175	.0529	.4745	5.609	86.16	.2113	.0806	3.520	1.399

Elem	Cr2677	Cu3247	Fe2599	Mg2790	Mn2576R	Mo2020	Ni2316	Pb2203	Sb2068	Se1960
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1914	.2570	.1279	.3017	.6309	.7688	1.025	.3174	.1541	.0560
Stddev	.0006	.0003	.0002	.0003	.0016	.0029	.004	.0008	.0006	.0003
%RSD	.2919	.1267	.1942	.1026	.2575	.3771	.3652	.2447	.3894	.4500

#1	.1913	.2567	.1280	.3018	.6290	.7694	1.028	.3183	.1536	.0562
#2	.1909	.2569	.1276	.3019	.6319	.7656	1.021	.3170	.1539	.0557
#3	.1920	.2574	.1280	.3013	.6317	.7713	1.027	.3169	.1547	.0561

Elem	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2187	.1763	10.65	.3126	.1296	.2407	1.010
Stddev	.0013	.0002	.01	.0004	.0002	.0005	.002
%RSD	.6067	.1125	.0640	.1357	.1717	.2184	.2164

#1	.2201	.1764	10.66	.3123	.1295	.2408	1.010
#2	.2175	.1761	10.64	.3131	.1293	.2402	1.008
#3	.2184	.1765	10.65	.3125	.1298	.2412	1.012

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4657.3	98547.	7589.1
Stddev	15.6	468.	27.5
%RSD	.33413	.47506	.36286

#1	4656.0	98654.	7573.3
#2	4673.5	98952.	7620.9
#3	4642.5	98034.	7573.1

Sample Name: 25: Fe K Na Si Acquired: 6/24/2019 14:11:36 Type: Cal
Method: Trace_4_E200.7_SW6010(v91) Mode: IR Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Al3961	Fe2599	K_7664	Na5895	Si2124
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.879	3.187	1.594	7.511	2.881
Stddev	.007	.002	.004	.005	.011
%RSD	.2315	.0738	.2584	.0723	.3768

#1	2.871	3.186	1.590	7.505	2.871
#2	2.883	3.189	1.595	7.512	2.880
#3	2.883	3.185	1.598	7.516	2.893

Int. Std.	Y_2243	Y_3710
Units	Cts/S	Cts/S
Avg	4634.3	7532.2
Stddev	49.1	61.8
%RSD	1.0601	.81990

#1	4665.7	7461.4
#2	4659.6	7559.9
#3	4577.7	7575.2

Sample Name: 10: Ca Mg Si Acquired: 6/24/2019 14:15:48 Type: Cal
Method: Trace_4_E200.7_SW6010(v91) Mode: IR Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ca3158	Mg2790	Si2124
Units	Cts/S	Cts/S	Cts/S
Avg	.7909	3.027	1.435
Stddev	.0047	.002	.008
%RSD	.6001	.0530	.5310

#1	.7955	3.028	1.432
#2	.7912	3.028	1.429
#3	.7861	3.025	1.444

Int. Std.	Y_2243	Y_3710
Units	Cts/S	Cts/S
Avg	4668.0	7587.7
Stddev	52.2	12.0
%RSD	1.1181	.15756

#1	4702.9	7579.4
#2	4693.2	7582.3
#3	4608.0	7601.4

Sample Name: ICV Acquired: 6/24/2019 14:20:04 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4811	.4865	.5158	.4868	.4838	.4955	-.0016	.4880	.4775	.4744
Stddev	.0016	.0091	.0035	.0030	.0002	.0035	.0012	.0036	.0033	.0026
%RSD	.3362	1.869	.6693	.6209	.0484	.7142	73.31	.7381	.6992	.5567

#1	.4792	.4791	.5128	.4846	.4836	.4993	-.0003	.4921	.4752	.4725
#2	.4818	.4967	.5150	.4856	.4840	.4950	-.0025	.4857	.4759	.4732
#3	.4822	.4838	.5196	.4902	.4837	.4923	-.0022	.4861	.4813	.4774

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4854	W .4705	.4962	4.831	.5012	.4734	.4777	9.795	.4905	.4999
Stddev	.0004	.0006	.0032	.041	.0034	.0005	.0021	.001	.0030	.0025
%RSD	.0886	.1359	.6497	.8550	.6768	.1114	.4474	.0135	.6067	.5022

#1	.4853	.4707	.4930	4.787	.5046	.4738	.4761	9.795	.4880	.4991
#2	.4850	.4698	.4995	4.838	.4979	.4728	.4769	9.796	.4896	.4979
#3	.4858	.4711	.4962	4.868	.5012	.4737	.4801	9.794	.4938	.5027

Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.5274								
Low Limit		.4726								

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4893	.4844	5.016	.4900	.4821	.4811	.4800	.4886	.4932
Stddev	.0026	.0053	.020	.0025	.0009	.0008	.0028	.0013	.0040
%RSD	.5270	1.100	.4039	.5054	.1764	.1577	.5824	.2683	.8184

#1	.4874	.4786	5.007	.4888	.4822	.4803	.4785	.4877	.4907
#2	.4883	.4856	5.001	.4883	.4811	.4813	.4782	.4901	.4910
#3	.4922	.4891	5.039	.4928	.4828	.4818	.4832	.4879	.4978

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4626.4	98348.	7481.9
Stddev	45.9	294.	51.8
%RSD	.99275	.29878	.69199

#1	4660.4	98580.	7422.5
#2	4644.7	98446.	7517.5
#3	4574.2	98017.	7505.8

Sample Name: ICB Acquired: 6/24/2019 14:24:34 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013	.0114	.0030	-.0011	.0004	.0013	.0012	-.0072	.0006	.0004
Stddev	.0008	.0037	.0016	.0001	.0002	.0014	.0003	.0037	.0001	.0002
%RSD	61.40	32.30	52.35	8.445	46.60	101.6	26.95	51.43	15.55	62.27

#1	.0013	.0142	.0022	-.0010	.0005	.0006	.0013	-.0047	.0007	.0006
#2	.0005	.0129	.0048	-.0012	.0002	.0005	.0015	-.0054	.0005	.0002
#3	.0020	.0072	.0020	-.0011	.0003	.0029	.0008	-.0114	.0005	.0003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018	.0013	.0018	-.0014	.0060	.0002	.0016	.0088	.0007	-.0002
Stddev	.0011	.0016	.0017	.0351	.0125	.0004	.0001	.0024	.0003	.0004
%RSD	61.42	123.5	90.97	2508.	210.0	248.3	5.910	27.08	50.30	265.3

#1	.0009	.0006	.0015	.0124	.0014	-.0002	.0017	.0085	.0011	-.0000
#2	.0014	.0002	.0037	-.0413	-.0036	.0006	.0016	.0113	.0005	-.0007
#3	.0030	.0032	.0003	.0247	.0201	.0001	.0015	.0066	.0004	.0002

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032	.0036	.0073	.0008	.0004	.0018	.0015	.0013	.0007
Stddev	.0004	.0026	.0011	.0007	.0002	.0015	.0004	.0015	.0001
%RSD	11.60	71.65	14.34	86.22	52.62	82.63	29.37	112.3	13.83

#1	.0036	.0009	.0083	.0000	.0006	.0015	.0012	.0008	.0007
#2	.0029	.0038	.0075	.0014	.0004	.0005	.0013	.0001	.0006
#3	.0031	.0061	.0062	.0010	.0002	.0034	.0020	.0029	.0008

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4614.0	98426.	7564.8
Stddev	48.1	480.	46.8
%RSD	1.0418	.48750	.61916

#1	4642.0	98168.	7529.7
#2	4641.4	98131.	7618.0
#3	4558.5	98980.	7546.8

Sample Name: ICV Acquired: 6/24/2019 14:30:19 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4902	.4921	.5261	.4976	.4911	.5041	-.0018	.4922	.4884	.4855
Stddev	.0021	.0019	.0034	.0024	.0015	.0046	.0008	.0055	.0026	.0024
%RSD	.4201	.3885	.6532	.4755	.2981	.9143	44.03	1.109	.5269	.4898
#1	.4909	.4943	.5252	.4951	.4928	.5094	-.0020	.4951	.4868	.4837
#2	.4879	.4911	.5231	.4978	.4904	.5013	-.0009	.4955	.4870	.4846
#3	.4918	.4910	.5298	.4998	.4901	.5016	-.0025	.4859	.4913	.4882

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4948	.4804	.4962	4.900	.5119	.4834	.4879	9.815	.5013	.5117
Stddev	.0009	.0012	.0037	.028	.0037	.0011	.0024	.046	.0020	.0018
%RSD	.1732	.2482	.7555	.5794	.7237	.2299	.4879	.4642	.3967	.3603
#1	.4957	.4791	.4931	4.925	.5152	.4847	.4864	9.867	.5000	.5099
#2	.4941	.4815	.4950	4.904	.5079	.4826	.4866	9.786	.5003	.5118
#3	.4946	.4805	.5004	4.869	.5126	.4829	.4906	9.791	.5036	.5135

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5012	.4974	5.099	.4969	.4859	.4906	.4911	.4983	.5042
Stddev	.0028	.0023	.022	.0039	.0021	.0012	.0008	.0006	.0031
%RSD	.5673	.4604	.4349	.7871	.4272	.2362	.1557	.1272	.6232
#1	.4985	.4958	5.085	.4927	.4883	.4893	.4912	.4981	.5026
#2	.5009	.4965	5.089	.4974	.4843	.4911	.4903	.4978	.5022
#3	.5042	.5000	5.125	.5005	.4852	.4914	.4918	.4991	.5078

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4643.4	98375.	7566.3
Stddev	32.6	149.	41.8
%RSD	.70295	.15124	.55200
#1	4666.3	98291.	7521.2
#2	4657.9	98547.	7574.1
#3	4606.0	98287.	7603.6

Sample Name: ICB Acquired: 6/24/2019 14:34:32 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	.0092	.0007	-.0021	.0004	.0003	-.0006	-.0014	.0003	.0003
Stddev	.0004	.0098	.0029	.0004	.0001	.0000	.0003	.0032	.0001	.0001
%RSD	97.36	106.0	417.6	16.53	14.97	5.275	46.59	225.3	17.95	37.94

#1	.0004	.0041	.0040	-.0022	.0005	.0004	-.0005	-.0051	.0003	.0003
#2	-.0000	.0205	-.0004	-.0017	.0005	.0003	-.0004	-.0002	.0003	.0002
#3	.0007	.0031	-.0015	-.0024	.0004	.0003	-.0009	.0010	.0004	.0004

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0001	.0009	.0053	.0016	.0005	.0015	.0068	.0007	-.0006
Stddev	.0001	.0003	.0001	.0114	.0012	.0003	.0002	.0046	.0005	.0015
%RSD	10.93	579.6	6.967	214.9	73.86	63.51	14.41	67.87	67.85	226.5

#1	.0004	-.0000	.0010	-.0001	.0003	.0002	.0016	.0091	.0006	.0010
#2	.0005	.0004	.0009	-.0024	.0025	.0005	.0017	.0098	.0003	-.0011
#3	.0004	-.0002	.0009	.0184	.0022	.0009	.0013	.0015	.0012	-.0018

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034	.0014	.0048	.0015	.0002	.0009	-.0003	.0001	.0005
Stddev	.0003	.0019	.0005	.0007	.0000	.0004	.0009	.0005	.0002
%RSD	9.944	139.0	10.16	46.55	19.94	46.17	291.8	519.1	32.34

#1	.0034	.0034	.0046	.0011	.0003	.0012	-.0013	-.0004	.0006
#2	.0037	.0013	.0044	.0023	.0002	.0011	.0005	.0004	.0003
#3	.0030	-.0005	.0053	.0011	.0002	.0004	-.0001	.0003	.0005

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4627.0	98315.	7497.2
Stddev	47.4	546.	52.0
%RSD	1.0254	.55526	.69391

#1	4653.0	97735.	7437.7
#2	4655.8	98391.	7533.7
#3	4572.3	98819.	7520.4

Sample Name: WG1251880-1,T Acquired: 6/24/2019 14:38:47 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0154	.0020	.0007	.0002	.0001	-.0007	-.0037	.0001	.0000
Stddev	.0004	.0136	.0016	.0004	.0000	.0000	.0005	.0023	.0000	.0000
%RSD	112.5	88.55	82.78	51.41	21.08	9.545	70.15	62.84	17.75	72.72
#1	.0006	.0265	.0032	.0004	.0002	.0001	-.0010	-.0010	.0002	.0000
#2	-.0001	.0002	.0027	.0011	.0001	.0001	-.0001	-.0048	.0001	.0000
#3	.0005	.0193	.0001	.0006	.0002	.0001	-.0010	-.0053	.0001	.0000
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0012	.0003	.0412	.0059	-.0033	.0004	.0004	.0338	-.0003	-.0003
Stddev	.0001	.0002	.0026	.0120	.0044	.0004	.0002	.0058	.0001	.0006
%RSD	12.41	63.39	6.311	204.4	133.3	94.93	53.12	17.11	36.58	190.5
#1	-.0013	.0004	.0438	.0107	.0007	.0007	.0005	.0388	-.0002	.0003
#2	-.0012	.0001	.0386	-.0078	-.0080	.0006	.0006	.0352	-.0003	-.0008
#3	-.0010	.0004	.0410	.0148	-.0025	-.0000	.0002	.0275	-.0004	-.0004
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.0017	-.0002	.0146	-.0018	.0000	.0001	.0008	-.0001	.0004	
Stddev	.0005	.0009	.0005	.0001	.0001	.0004	.0005	.0001	.0002	
%RSD	29.73	463.2	3.595	6.897	145.7	381.1	72.36	119.2	44.95	
#1	-.0017	-.0011	.0150	-.0018	.0001	.0002	.0008	-.0002	.0006	
#2	-.0023	.0008	.0140	-.0017	-.0000	.0005	.0013	.0000	.0004	
#3	-.0012	-.0004	.0148	-.0019	.0001	-.0004	.0002	-.0002	.0002	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4709.3	100060.	7605.0							
Stddev	39.5	428.	18.3							
%RSD	.83963	.42761	.24041							
#1	4730.0	99619.	7612.1							
#2	4734.3	100470.	7584.2							
#3	4663.7	100090.	7618.7							

Sample Name: WG1251880-2,T Acquired: 6/24/2019 14:43:21 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0474	1.946	.1345	1.024	1.931	.0488	-.0026	9.692	.0528	.4829
Stddev	.0001	.008	.0018	.002	.005	.0002	.0011	.013	.0002	.0023
%RSD	.1272	.3970	1.367	.2090	.2430	.3992	40.18	.1351	.4663	.4685

#1	.0474	1.953	.1359	1.024	1.927	.0488	-.0037	9.705	.0526	.4814
#2	.0475	1.946	.1324	1.022	1.936	.0490	-.0026	9.692	.0527	.4817
#3	.0474	1.938	.1351	1.026	1.930	.0486	-.0016	9.679	.0531	.4855

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1923	.2302	1.045	9.850	9.864	.4739	.9410	9.798	.4855	.5256
Stddev	.0007	.0012	.006	.032	.042	.0022	.0053	.019	.0022	.0025
%RSD	.3573	.5368	.5424	.3294	.4256	.4554	.5679	.1976	.4548	.4816

#1	.1920	.2288	1.046	9.884	9.882	.4724	.9361	9.787	.4853	.5253
#2	.1931	.2312	1.050	9.819	9.895	.4764	.9401	9.821	.4835	.5232
#3	.1919	.2305	1.039	9.847	9.817	.4730	.9467	9.787	.4879	.5282

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4640	.1308	.2183	.9435	.9574	.9623	.1191	.4954	.5158
Stddev	.0103	.0008	.0015	.0052	.0018	.0009	.0010	.0009	.0030
%RSD	2.218	.5827	.6949	.5558	.1853	.0902	.8410	.1881	.5834

#1	.4527	.1305	.2194	.9395	.9571	.9629	.1185	.4962	.5141
#2	.4666	.1302	.2166	.9415	.9593	.9628	.1187	.4957	.5140
#3	.4728	.1316	.2189	.9494	.9558	.9613	.1203	.4944	.5193

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4683.6	99161.	7678.0
Stddev	37.4	281.	8.9
%RSD	.79921	.28348	.11567

#1	4715.1	99053.	7674.6
#2	4693.4	99479.	7671.4
#3	4642.2	98949.	7688.1

Sample Name: L1927225-01,T Acquired: 6/24/2019 14:47:33 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	.0060	.0189	.0167	.0236	-.0000	.0003	54.27	.0001	.0005
Stddev	.0001	.0009	.0018	.0003	.0003	.0000	.0007	.11	.0001	.0002
%RSD	12.03	15.26	9.310	1.829	1.435	49.42	205.9	.2007	48.36	37.29

#1	.0006	.0070	.0207	.0169	.0237	-.0000	-.0004	54.40	.0002	.0007
#2	.0005	.0051	.0173	.0163	.0232	-.0000	.0009	54.21	.0001	.0005
#3	.0005	.0060	.0186	.0169	.0238	-.0000	.0004	54.20	.0001	.0003

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0005	.0016	.0083	4.574	6.260	.6384	.0046	47.50	.0017	.0008
Stddev	.0001	.0003	.0009	.014	.007	.0020	.0010	.16	.0003	.0005
%RSD	25.90	15.73	10.27	.2973	.1095	.3094	20.81	.3442	17.01	57.27

#1	-.0004	.0016	.0080	4.568	6.252	.6391	.0055	47.62	.0014	.0005
#2	-.0005	.0019	.0093	4.565	6.266	.6362	.0047	47.31	.0020	.0014
#3	-.0007	.0014	.0078	4.590	6.262	.6400	.0036	47.57	.0018	.0006

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101	.0012	7.157	.0043	.2373	.0017	.0005	.0003	.0245
Stddev	.0021	.0018	.026	.0003	.0009	.0004	.0007	.0002	.0001
%RSD	20.89	157.1	.3596	6.631	.3900	21.88	163.6	68.21	.4359

#1	.0125	.0011	7.145	.0045	.2378	.0020	.0013	.0006	.0246
#2	.0092	-.0007	7.141	.0044	.2362	.0018	.0003	.0003	.0244
#3	.0085	.0030	7.187	.0040	.2378	.0013	-.0002	.0001	.0246

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4561.6	97487.	7619.4
Stddev	49.7	156.	16.2
%RSD	1.0885	.15990	.21299

#1	4594.4	97341.	7629.6
#2	4585.9	97469.	7627.9
#3	4504.4	97651.	7600.7

Sample Name: WG1251880-3,T Acquired: 6/24/2019 14:51:56 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0487	1.961	.1518	1.077	1.954	.0495	-.0019	64.48	.0531	.4812
Stddev	.0006	.009	.0016	.005	.001	.0002	.0006	.08	.0003	.0019
%RSD	1.163	.4361	1.070	.4666	.0475	.3679	32.27	.1249	.6499	.4040
#1	.0487	1.965	.1524	1.072	1.953	.0497	-.0013	64.57	.0529	.4802
#2	.0493	1.967	.1500	1.078	1.954	.0494	-.0025	64.46	.0529	.4799
#3	.0482	1.951	.1530	1.082	1.955	.0495	-.0021	64.42	.0535	.4835
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1924	.2330	1.016	14.49	15.91	1.109	.9580	57.58	.4835	.5200
Stddev	.0009	.0009	.005	.02	.05	.001	.0071	.10	.0025	.0028
%RSD	.4696	.3696	.5155	.1252	.3070	.1242	.7422	.1756	.5193	.5384
#1	.1923	.2321	1.021	14.49	15.97	1.111	.9512	57.69	.4822	.5177
#2	.1934	.2331	1.016	14.47	15.88	1.110	.9575	57.57	.4818	.5191
#3	.1916	.2338	1.011	14.50	15.89	1.108	.9654	57.49	.4864	.5231
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.4812	.1332	7.572	.9493	1.195	.9781	.1168	.5039	.5455	
Stddev	.0103	.0012	.022	.0107	.003	.0012	.0010	.0011	.0031	
%RSD	2.150	.8686	.2975	1.131	.2547	.1273	.8560	.2163	.5607	
#1	.4696	.1327	7.557	.9412	1.199	.9772	.1157	.5026	.5434	
#2	.4846	.1323	7.560	.9452	1.195	.9776	.1170	.5046	.5441	
#3	.4895	.1345	7.598	.9615	1.193	.9795	.1177	.5044	.5490	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4530.1	96226.	7557.3							
Stddev	38.7	351.	26.4							
%RSD	.85502	.36492	.34909							
#1	4560.5	96506.	7527.0							
#2	4543.4	95832.	7574.6							
#3	4486.5	96341.	7570.4							

Sample Name: WG1251880-4,T Acquired: 6/24/2019 14:55:58 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0003	.0108	.0183	.0167	.0230	-.0001	.0012	53.62	.0001	.0005
Stddev	.0002	.0065	.0014	.0002	.0005	.0000	.0008	.11	.0000	.0001
%RSD	77.02	59.63	7.939	.9333	2.225	15.19	64.35	.1971	33.15	25.34

#1	-.0004	.0154	.0176	.0169	.0225	-.0001	.0006	53.60	.0001	.0004
#2	-.0000	.0034	.0199	.0168	.0236	-.0001	.0009	53.53	.0001	.0005
#3	-.0005	.0137	.0173	.0166	.0231	-.0001	.0021	53.74	.0001	.0006

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0005	.0013	.0029	4.481	6.187	.6295	.0057	46.82	.0012	-.0002
Stddev	.0003	.0003	.0018	.059	.050	.0009	.0012	.09	.0001	.0009
%RSD	51.17	22.39	62.20	1.322	.8077	.1410	20.62	.1869	9.140	427.7

#1	-.0004	.0010	.0041	4.550	6.179	.6286	.0069	46.87	.0012	.0008
#2	-.0003	.0013	.0008	4.450	6.142	.6298	.0056	46.72	.0014	-.0005
#3	-.0008	.0015	.0036	4.444	6.241	.6303	.0045	46.87	.0011	-.0009

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115	.0003	7.092	.0066	.2343	.0016	-.0002	-.0002	.0243
Stddev	.0031	.0028	.054	.0011	.0002	.0003	.0005	.0002	.0004
%RSD	26.93	805.8	.7606	16.80	.0668	16.28	235.7	80.15	1.505

#1	.0149	.0016	7.065	.0077	.2344	.0014	.0001	-.0000	.0241
#2	.0089	-.0029	7.056	.0055	.2341	.0016	.0001	-.0004	.0240
#3	.0106	.0023	7.154	.0066	.2343	.0019	-.0008	-.0002	.0247

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4558.0	97610.	7617.1
Stddev	59.4	261.	64.4
%RSD	1.3034	.26741	.84486

#1	4592.8	97479.	7636.7
#2	4591.8	97910.	7669.5
#3	4489.4	97440.	7545.3

Sample Name: WG1251880-5,T Acquired: 6/24/2019 15:00:09 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231	1.974	.1482	1.040	1.973	.0484	-.0033	62.03	.0512	.4646
Stddev	.0011	.039	.0006	.004	.034	.0005	.0011	.70	.0003	.0021
%RSD	4.968	1.949	.3811	.4238	1.720	1.058	33.98	1.132	.6489	.4500

#1	.0244	2.014	.1487	1.043	2.011	.0487	-.0021	62.26	.0514	.4653
#2	.0224	1.937	.1482	1.035	1.944	.0478	-.0044	61.24	.0508	.4623
#3	.0224	1.970	.1476	1.043	1.966	.0486	-.0034	62.59	.0513	.4663

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1898	.2301	1.028	14.44	15.45	1.085	.9278	55.43	.4659	.5027
Stddev	.0010	.0017	.016	.17	.14	.012	.0053	.65	.0031	.0026
%RSD	.5245	.7481	1.508	1.210	.8781	1.082	.5678	1.179	.6562	.5209

#1	.1908	.2314	1.046	14.55	15.52	1.094	.9270	55.79	.4669	.5036
#2	.1899	.2307	1.016	14.24	15.29	1.072	.9230	54.68	.4624	.4997
#3	.1888	.2281	1.023	14.52	15.54	1.089	.9334	55.84	.4683	.5047

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4550	.1279	7.152	.9186	1.203	.9669	.1139	.4960	.5250
Stddev	.0114	.0002	.033	.0050	.017	.0053	.0009	.0028	.0036
%RSD	2.506	.1844	.4604	.5462	1.423	.5500	.8128	.5576	.6792

#1	.4445	.1280	7.132	.9181	1.221	.9731	.1146	.4982	.5266
#2	.4535	.1281	7.134	.9139	1.187	.9645	.1129	.4968	.5209
#3	.4671	.1276	7.190	.9239	1.199	.9633	.1144	.4929	.5275

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4579.7	96724.	7647.1
Stddev	46.5	53.	88.7
%RSD	1.0156	.05510	1.1601

#1	4604.2	96757.	7645.9
#2	4608.8	96662.	7736.4
#3	4526.1	96752.	7559.0

Sample Name: L1926817-01,T Acquired: 6/24/2019 15:04:11 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.1859	.0043	.0600	.0654	-.0001	-.0004	84.03	.0001	.0007
Stddev	.0003	.0040	.0026	.0006	.0002	.0000	.0010	.25	.0001	.0002
%RSD	162.8	2.166	61.73	1.029	.2511	3.232	268.0	.3012	42.42	31.84

#1	.0005	.1897	.0034	.0598	.0652	-.0001	-.0009	84.03	.0001	.0006
#2	-.0000	.1863	.0073	.0594	.0655	-.0001	.0008	84.28	.0001	.0006
#3	.0000	.1817	.0022	.0606	.0655	-.0001	-.0010	83.78	.0002	.0010

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0060	.1891	6.534	18.45	.6054	.0115	123.3	.0026	.0039
Stddev	.0001	.0002	.0012	.049	.07	.0017	.0009	.2	.0003	.0030
%RSD	47.12	4.013	.6520	.7484	.3595	.2856	7.908	.1643	11.42	77.07

#1	-.0003	.0059	.1903	6.504	18.49	.6038	.0125	123.2	.0028	.0009
#2	-.0002	.0058	.1879	6.507	18.48	.6072	.0114	123.6	.0023	.0039
#3	-.0001	.0062	.1890	6.590	18.37	.6051	.0107	123.2	.0026	.0069

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169	.0038	4.480	.0088	.5361	.0105	.0003	.0031	.0123
Stddev	.0017	.0008	.030	.0020	.0016	.0004	.0004	.0005	.0003
%RSD	10.27	20.49	.6664	22.39	.3049	4.199	151.3	14.82	2.492

#1	.0180	.0030	4.458	.0109	.5343	.0100	.0003	.0036	.0123
#2	.0177	.0046	4.467	.0084	.5375	.0108	.0007	.0026	.0120
#3	.0149	.0038	4.514	.0070	.5364	.0107	-.0002	.0032	.0127

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4461.9	95372.	7568.9
Stddev	56.4	715.	22.6
%RSD	1.2631	.74990	.29923

#1	4501.8	94566.	7558.5
#2	4486.6	95930.	7553.2
#3	4397.4	95621.	7594.8

Sample Name: WG1251880-6,T,5 Acquired: 6/24/2019 15:08:23 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	.0042	.0041	.0010	.0045	-.0000	.0011	11.16	.0001	.0002
Stddev	.0006	.0109	.0017	.0005	.0002	.0000	.0004	.19	.0000	.0001
%RSD	107.8	261.0	41.97	52.81	3.626	145.9	32.94	1.707	33.41	76.75

#1	.0005	-.0081	.0060	.0008	.0047	-.0000	.0015	10.95	.0001	.0003
#2	.0013	.0127	.0026	.0006	.0044	-.0000	.0008	11.21	.0001	.0002
#3	.0000	.0080	.0038	.0016	.0046	-.0000	.0011	11.32	.0000	.0000

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	-.0003	-.0001	.9399	1.339	.1327	.0026	9.833	.0007	-.0007
Stddev	.0002	.0002	.0011	.0093	.020	.0019	.0004	.180	.0001	.0002
%RSD	167.1	51.90	1819.	.9860	1.475	1.412	16.74	1.831	10.50	31.58

#1	-.0002	-.0002	.0010	.9425	1.326	.1305	.0031	9.632	.0007	-.0008
#2	.0001	-.0006	.0000	.9296	1.330	.1336	.0024	9.889	.0007	-.0004
#3	-.0003	-.0002	-.0012	.9476	1.362	.1339	.0023	9.979	.0008	-.0008

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066	.0005	1.512	.0032	.0493	.0008	-.0003	-.0003	.0063
Stddev	.0026	.0033	.034	.0001	.0009	.0004	.0006	.0000	.0003
%RSD	40.21	655.4	2.215	3.473	1.759	48.88	185.3	12.53	4.793

#1	.0092	-.0017	1.481	.0033	.0483	.0007	.0003	-.0003	.0061
#2	.0066	-.0011	1.508	.0031	.0496	.0005	-.0007	-.0003	.0061
#3	.0039	.0044	1.548	.0032	.0500	.0013	-.0006	-.0002	.0066

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4667.1	100090.	7718.6
Stddev	64.7	1418.	56.7
%RSD	1.3870	1.4172	.73437

#1	4702.9	98485.	7758.6
#2	4705.9	101180.	7743.5
#3	4592.3	100590.	7653.7

Sample Name: L1925021-02,T,2 Acquired: 6/24/2019 15:12:34 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0014	19.37	.0095	.0066	.2029	.0008	.0013	4.633	.0003	.0196
Stddev	.0003	.33	.0004	.0000	.0033	.0000	.0019	.090	.0000	.0004
%RSD	22.83	1.724	4.264	.2562	1.624	2.816	147.5	1.936	14.77	1.986

#1	-.0016	19.02	.0092	.0066	.1994	.0008	.0029	4.538	.0002	.0193
#2	-.0010	19.40	.0100	.0066	.2033	.0008	.0017	4.647	.0003	.0195
#3	-.0016	19.68	.0094	.0066	.2059	.0008	-.0008	4.716	.0003	.0201

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0596	.0611	48.99	3.592	10.56	.3529	.0037	.3572	.0763	.3628
Stddev	.0005	.0006	.96	.044	.12	.0063	.0001	.0068	.0026	.0113
%RSD	.8610	.9803	1.960	1.222	1.125	1.797	3.626	1.912	3.353	3.118

#1	.0590	.0605	47.93	3.546	10.45	.3463	.0037	.3498	.0739	.3524
#2	.0598	.0614	49.21	3.634	10.53	.3534	.0039	.3632	.0759	.3612
#3	.0600	.0616	49.81	3.594	10.69	.3590	.0036	.3586	.0790	.3749

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073	-.0043	3.192	.0157	.0637	1.170	-.0002	.0952	.4627
Stddev	.0007	.0019	.139	.0010	.0013	.011	.0007	.0005	.0151
%RSD	9.608	44.71	4.338	6.168	2.029	.9573	314.7	.5513	3.255

#1	.0066	-.0022	3.056	.0155	.0623	1.158	.0003	.0947	.4494
#2	.0080	-.0047	3.188	.0149	.0640	1.170	.0000	.0952	.4597
#3	.0074	-.0060	3.333	.0168	.0648	1.181	-.0010	.0958	.4790

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4819.1	103070.	7874.6
Stddev	46.0	297.	21.1
%RSD	.95422	.28841	.26768

#1	4847.5	102820.	7861.7
#2	4843.9	103000.	7898.9
#3	4766.1	103400.	7863.2

Sample Name: L1925021-03,T,2 Acquired: 6/24/2019 15:16:41 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0020	6.779	.0098	.0021	.0235	.0000	-.0003	2.279	-.0003	.0064
Stddev	.0002	.049	.0039	.0005	.0002	.0000	.0009	.019	.0000	.0003
%RSD	11.25	.7242	39.78	22.74	.9095	107.3	317.8	.8405	3.858	5.407

#1	-.0023	6.727	.0067	.0016	.0237	.0000	-.0014	2.260	-.0003	.0060
#2	-.0019	6.783	.0142	.0025	.0233	.0000	.0004	2.277	-.0003	.0065
#3	-.0019	6.825	.0085	.0023	.0236	.0000	.0000	2.299	-.0003	.0067

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0248	.0118	20.73	1.565	3.445	.1178	.0010	.3677	.0157	.0116
Stddev	.0005	.0003	.15	.036	.032	.0007	.0001	.0087	.0007	.0012
%RSD	2.148	2.248	.7294	2.322	.9319	.6320	10.31	2.371	4.541	10.72

#1	.0245	.0120	20.60	1.525	3.414	.1177	.0010	.3605	.0150	.0108
#2	.0244	.0115	20.68	1.597	3.441	.1171	.0010	.3653	.0157	.0111
#3	.0254	.0120	20.89	1.574	3.478	.1186	.0009	.3774	.0164	.0131

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	-.0013	1.810	.0036	.0296	.4728	.0006	.0368	.0345
Stddev	.0004	.0011	.112	.0013	.0002	.0035	.0006	.0003	.0017
%RSD	23.38	83.81	6.179	35.67	.8276	.7430	102.2	.8660	4.952

#1	.0019	-.0002	1.695	.0050	.0294	.4700	-.0001	.0364	.0328
#2	.0014	-.0012	1.816	.0033	.0296	.4716	.0009	.0368	.0345
#3	.0013	-.0023	1.919	.0025	.0298	.4767	.0009	.0371	.0362

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4715.7	100080.	7659.5
Stddev	58.8	65.	4.2
%RSD	1.2476	.06498	.05483

#1	4748.3	100060.	7654.6
#2	4751.0	100160.	7661.6
#3	4647.8	100030.	7662.2

Sample Name: CCV Acquired: 6/24/2019 15:20:51 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4829	.4836	.5239	.4906	.4860	.4966	-.0019	.4846	.4823	.4795
Stddev	.0024	.0059	.0013	.0024	.0016	.0021	.0011	.0045	.0042	.0029
%RSD	.5001	1.222	.2483	.4867	.3289	.4197	59.62	.9385	.8766	.6100
#1	.4857	.4890	.5247	.4900	.4855	.4960	-.0008	.4823	.4795	.4776
#2	.4812	.4845	.5224	.4885	.4878	.4989	-.0030	.4817	.4802	.4781
#3	.4818	.4773	.5247	.4932	.4847	.4949	-.0017	.4898	.4871	.4829

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4891	.4731	.5045	4.867	.5078	.4762	.4813	9.712	.4941	.5056
Stddev	.0016	.0006	.0031	.042	.0044	.0022	.0026	.045	.0037	.0045
%RSD	.3180	.1186	.6175	.8697	.8712	.4637	.5381	.4671	.7444	.8984
#1	.4907	.4732	.5022	4.910	.5099	.4761	.4799	9.685	.4917	.5022
#2	.4877	.4725	.5033	4.867	.5108	.4784	.4798	9.764	.4924	.5038
#3	.4889	.4736	.5081	4.825	.5027	.4740	.4843	9.686	.4984	.5107

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4932	.4920	5.031	.4906	.4810	.4860	.4852	.4912	.4975
Stddev	.0045	.0026	.019	.0043	.0018	.0004	.0052	.0016	.0049
%RSD	.9191	.5260	.3747	.8778	.3823	.0810	1.068	.3308	.9769
#1	.4902	.4948	5.024	.4882	.4803	.4865	.4826	.4927	.4946
#2	.4910	.4896	5.016	.4880	.4831	.4858	.4819	.4895	.4947
#3	.4984	.4916	5.052	.4955	.4796	.4858	.4912	.4914	.5031

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4690.7	99719.	7663.5
Stddev	50.0	329.	57.6
%RSD	1.0665	.32949	.75119
#1	4712.2	99693.	7667.0
#2	4726.3	100060.	7604.3
#3	4633.5	99405.	7719.3

Sample Name: CCB Acquired: 6/24/2019 15:25:04 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	.0083	.0028	-.0028	.0004	.0004	-.0007	-.0174	.0004	.0002
Stddev	.0004	.0077	.0021	.0004	.0001	.0000	.0007	.0099	.0000	.0000
%RSD	61.14	92.61	75.32	12.96	15.24	11.62	110.1	56.93	5.997	16.47

#1	.0006	.0084	.0050	-.0025	.0004	.0005	-.0011	-.0251	.0004	.0001
#2	.0010	.0005	.0009	-.0028	.0004	.0004	-.0011	-.0208	.0004	.0002
#3	.0003	.0159	.0023	-.0032	.0003	.0004	.0002	-.0062	.0004	.0002

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	-.0001	.0021	-.0170	.0010	.0005	.0014	.0135	.0002	-.0020
Stddev	.0004	.0004	.0027	.0578	.0013	.0005	.0003	.0094	.0001	.0007
%RSD	269.7	365.5	128.3	339.8	135.9	101.9	21.26	69.14	54.06	36.89

#1	-.0003	-.0001	.0007	.0232	-.0001	.0005	.0017	.0120	.0001	-.0014
#2	.0005	-.0006	.0004	-.0833	.0024	.0000	.0014	.0050	.0002	-.0028
#3	.0003	.0003	.0053	.0091	.0006	.0010	.0011	.0236	.0003	-.0018

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032	-.0004	.0053	.0013	.0003	.0011	.0006	.0003	.0005
Stddev	.0009	.0049	.0005	.0002	.0000	.0003	.0003	.0002	.0001
%RSD	27.63	1383.	10.06	15.17	8.177	27.12	44.29	53.44	23.62

#1	.0035	.0046	.0047	.0015	.0003	.0011	.0003	.0003	.0005
#2	.0022	-.0006	.0058	.0011	.0003	.0014	.0007	.0002	.0007
#3	.0040	-.0051	.0053	.0014	.0003	.0008	.0008	.0005	.0004

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4667.7	99738.	7535.9
Stddev	68.8	392.	112.3
%RSD	1.4739	.39330	1.4900

#1	4704.3	99827.	7409.0
#2	4710.4	100080.	7622.5
#3	4588.3	99309.	7576.0

Sample Name: L1925021-04,T,2 Acquired: 6/24/2019 15:29:20 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0018	7.276	.0135	.0025	.0461	-.0000	-.0004	2.706	-.0003	.0063
Stddev	.0005	.008	.0022	.0005	.0001	.0000	.0013	.020	.0000	.0001
%RSD	28.51	.1048	16.31	19.77	.1519	223.7	321.5	.7493	13.47	.9695

#1	-.0021	7.268	.0130	.0020	.0460	-.0000	.0011	2.689	-.0003	.0063
#2	-.0021	7.283	.0116	.0024	.0461	-.0000	-.0013	2.702	-.0003	.0062
#3	-.0012	7.276	.0159	.0030	.0461	.0000	-.0010	2.728	-.0003	.0064

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0301	.0110	17.73	2.280	3.693	.1177	.0012	.3073	.0148	.0521
Stddev	.0001	.0005	.10	.036	.007	.0004	.0003	.0040	.0009	.0019
%RSD	.2042	4.607	.5553	1.560	.1942	.3360	21.28	1.309	5.886	3.722

#1	.0301	.0107	17.65	2.275	3.696	.1179	.0013	.3088	.0141	.0505
#2	.0302	.0116	17.70	2.247	3.685	.1180	.0009	.3103	.0146	.0515
#3	.0301	.0107	17.84	2.318	3.698	.1173	.0014	.3027	.0158	.0542

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0003	-.0014	2.435	.0027	.0287	.6481	-.0001	.0308	.0386
Stddev	.0001	.0019	.095	.0003	.0002	.0018	.0011	.0002	.0013
%RSD	20.41	136.1	3.896	12.67	.8129	.2837	769.1	.6098	3.346

#1	-.0003	-.0013	2.347	.0028	.0285	.6468	-.0011	.0310	.0374
#2	-.0003	.0004	2.423	.0023	.0287	.6472	.0011	.0307	.0384
#3	-.0002	-.0034	2.535	.0029	.0290	.6502	-.0005	.0308	.0400

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4758.9	101180.	7725.0
Stddev	65.3	173.	10.4
%RSD	1.3729	.17125	.13445

#1	4801.1	101320.	7723.6
#2	4792.0	100990.	7736.0
#3	4683.7	101240.	7715.3

Sample Name: L1925021-05,T,2 Acquired: 6/24/2019 15:33:30 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0014	13.62	.0129	.0031	.0960	.0003	-.0012	5.735	-.0007	.0137
Stddev	.0002	.12	.0019	.0002	.0008	.0000	.0014	.055	.0000	.0002
%RSD	13.37	.8944	14.90	6.327	.7885	2.584	113.9	.9627	1.427	1.394

#1	-.0016	13.71	.0107	.0029	.0969	.0003	-.0019	5.785	-.0007	.0137
#2	-.0012	13.48	.0144	.0033	.0954	.0003	.0004	5.676	-.0007	.0135
#3	-.0015	13.67	.0137	.0031	.0959	.0003	-.0022	5.744	-.0007	.0139

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538	.0387	41.65	3.118	6.891	.3194	.0030	.2628	.0361	.4767
Stddev	.0001	.0005	.47	.031	.045	.0037	.0001	.0055	.0004	.0069
%RSD	.1212	1.181	1.123	1.008	.6604	1.147	4.135	2.090	1.233	1.447

#1	.0537	.0384	42.15	3.139	6.940	.3227	.0031	.2678	.0359	.4745
#2	.0537	.0393	41.22	3.081	6.851	.3155	.0029	.2569	.0358	.4712
#3	.0538	.0386	41.59	3.132	6.882	.3201	.0031	.2637	.0366	.4844

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	-.0042	1.450	.0067	.0382	1.060	.0008	.0758	.1568
Stddev	.0022	.0015	.018	.0008	.0005	.002	.0014	.0004	.0023
%RSD	1360.	36.84	1.260	11.59	1.262	.1670	170.2	.4740	1.465

#1	-.0022	-.0024	1.438	.0059	.0386	1.058	-.0003	.0754	.1551
#2	.0022	-.0050	1.440	.0068	.0376	1.062	.0004	.0760	.1558
#3	-.0005	-.0052	1.471	.0075	.0383	1.059	.0024	.0760	.1594

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4819.0	102460.	7938.8
Stddev	74.7	393.	55.7
%RSD	1.5491	.38342	.70123

#1	4859.0	102910.	7881.4
#2	4865.1	102320.	7992.6
#3	4732.8	102160.	7942.3

Sample Name: L1925021-06,T,2 Acquired: 6/24/2019 15:37:39 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0020	6.735	.0090	.0005	.0253	-.0001	-.0012	2.573	-.0003	.0059
Stddev	.0002	.039	.0022	.0005	.0001	.0000	.0003	.010	.0000	.0001
%RSD	11.00	.5721	24.30	102.4	.5030	16.02	21.21	.3903	15.00	1.789

#1	-.0021	6.779	.0114	.0004	.0254	-.0001	-.0010	2.584	-.0003	.0058
#2	-.0022	6.716	.0071	.0000	.0254	-.0001	-.0011	2.570	-.0002	.0059
#3	-.0018	6.710	.0086	.0010	.0252	-.0001	-.0015	2.564	-.0003	.0061

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0269	.0072	15.15	1.703	3.361	.1265	.0010	.1824	.0118	.0103
Stddev	.0005	.0001	.10	.030	.018	.0008	.0001	.0046	.0003	.0011
%RSD	1.758	1.559	.6503	1.762	.5327	.6698	13.11	2.511	2.522	10.64

#1	.0274	.0071	15.27	1.696	3.381	.1275	.0010	.1821	.0119	.0113
#2	.0265	.0072	15.11	1.677	3.351	.1262	.0008	.1871	.0115	.0091
#3	.0269	.0073	15.09	1.736	3.350	.1259	.0011	.1780	.0121	.0105

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0014	-.0033	1.137	.0004	.0265	.7120	-.0006	.0299	.0313
Stddev	.0005	.0014	.008	.0004	.0002	.0011	.0005	.0004	.0003
%RSD	36.46	42.16	.7168	107.0	.8200	.1488	81.50	1.410	1.012

#1	-.0009	-.0039	1.131	.0008	.0267	.7114	-.0002	.0303	.0311
#2	-.0014	-.0042	1.134	.0002	.0264	.7113	-.0005	.0295	.0312
#3	-.0020	-.0017	1.146	.0001	.0263	.7132	-.0012	.0297	.0317

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4760.5	101170.	7793.7
Stddev	82.0	373.	12.1
%RSD	1.7232	.36822	.15498

#1	4801.7	101420.	7784.0
#2	4813.7	101340.	7789.8
#3	4666.0	100740.	7807.2

Sample Name: L1925021-07,T,2 Acquired: 6/24/2019 15:41:50 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0014	11.71	.0128	.0030	.0630	.0002	-.0021	4.354	-.0007	.0124
Stddev	.0002	.01	.0007	.0006	.0002	.0000	.0017	.025	.0001	.0001
%RSD	16.49	.0839	5.463	21.71	.3470	4.167	82.28	.5742	7.652	.7610

#1	-.0013	11.70	.0122	.0027	.0632	.0002	-.0032	4.344	-.0008	.0123
#2	-.0017	11.72	.0128	.0025	.0630	.0002	-.0001	4.382	-.0007	.0123
#3	-.0013	11.71	.0136	.0037	.0628	.0002	-.0029	4.335	-.0007	.0125

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0439	.0244	36.44	2.596	6.128	.2688	.0017	.9000	.0300	.0302
Stddev	.0009	.0005	.04	.016	.019	.0004	.0002	.0050	.0007	.0012
%RSD	2.157	2.222	.1186	.5968	.3132	.1476	10.59	.5503	2.371	4.027

#1	.0429	.0242	36.42	2.611	6.122	.2683	.0018	.8991	.0294	.0293
#2	.0448	.0250	36.48	2.597	6.149	.2690	.0015	.8955	.0300	.0297
#3	.0441	.0240	36.40	2.580	6.112	.2690	.0019	.9053	.0308	.0316

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0005	-.0001	1.496	.0024	.0317	.9370	.0004	.0570	.0705
Stddev	.0006	.0021	.004	.0007	.0000	.0022	.0007	.0004	.0008
%RSD	116.6	2015.	.2971	28.24	.1036	.2328	158.7	.6691	1.085

#1	-.0012	.0003	1.494	.0020	.0317	.9345	.0007	.0568	.0698
#2	-.0004	.0017	1.494	.0020	.0317	.9385	-.0004	.0575	.0703
#3	.0000	-.0023	1.501	.0032	.0317	.9380	.0009	.0568	.0713

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4752.8	101170.	7819.0
Stddev	68.3	761.	49.5
%RSD	1.4370	.75177	.63316

#1	4802.7	101560.	7809.8
#2	4780.6	100290.	7774.8
#3	4674.9	101650.	7872.5

Sample Name: L1925021-09,T,2 Acquired: 6/24/2019 15:45:58 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0010	10.43	.0094	.0023	.1137	.0001	-.0005	4.784	-.0004	.0106
Stddev	.0003	.04	.0017	.0007	.0008	.0000	.0004	.003	.0000	.0002
%RSD	35.02	.3491	18.10	29.32	.6876	19.75	87.54	.0595	10.41	1.510

#1	-.0012	10.40	.0113	.0016	.1129	.0001	-.0008	4.781	-.0005	.0105
#2	-.0006	10.47	.0080	.0029	.1145	.0001	-.0008	4.786	-.0004	.0105
#3	-.0012	10.43	.0089	.0026	.1137	.0001	.0000	4.785	-.0004	.0108

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0479	.0487	44.82	2.042	4.805	.2691	.0016	.4133	.0296	.2991
Stddev	.0001	.0006	.07	.030	.017	.0010	.0000	.0062	.0003	.0016
%RSD	.2100	1.226	.1610	1.479	.3567	.3708	2.210	1.501	1.032	.5333

#1	.0478	.0483	44.90	2.077	4.823	.2692	.0016	.4088	.0292	.2978
#2	.0479	.0484	44.76	2.020	4.802	.2700	.0017	.4107	.0296	.2987
#3	.0480	.0494	44.80	2.029	4.789	.2680	.0016	.4204	.0298	.3009

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021	-.0017	1.493	.0182	.0473	.8839	-.0002	.0561	.1823
Stddev	.0011	.0007	.005	.0004	.0001	.0018	.0005	.0004	.0013
%RSD	49.67	41.31	.3348	2.456	.3092	.2045	335.3	.6826	.7048

#1	.0033	-.0009	1.491	.0177	.0472	.8834	.0004	.0565	.1820
#2	.0012	-.0023	1.489	.0186	.0475	.8824	-.0001	.0557	.1811
#3	.0019	-.0018	1.498	.0183	.0472	.8859	-.0007	.0560	.1837

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4796.7	102010.	7872.3
Stddev	42.1	255.	26.2
%RSD	.87693	.25042	.33342

#1	4813.3	101770.	7845.7
#2	4828.0	102280.	7873.0
#3	4748.9	101980.	7898.2

Sample Name: L1925021-10,T,2 Acquired: 6/24/2019 15:50:04 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0021	8.359	.0143	.0007	.0330	.0000	-.0009	2.698	.0015	.0082
Stddev	.0003	.025	.0026	.0004	.0004	.0000	.0003	.013	.0000	.0003
%RSD	15.30	.2996	17.98	59.57	1.060	75.81	34.42	.4844	.7728	3.864

#1	-.0017	8.336	.0140	.0002	.0334	.0000	-.0013	2.704	.0015	.0081
#2	-.0021	8.356	.0118	.0009	.0327	.0000	-.0009	2.706	.0016	.0079
#3	-.0023	8.386	.0169	.0009	.0331	.0000	-.0007	2.683	.0015	.0085

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0288	.0328	18.76	2.003	3.985	.2296	.0008	.2003	.0211	.0110
Stddev	.0002	.0003	.04	.019	.012	.0009	.0001	.0017	.0002	.0006
%RSD	.7858	.9253	.2288	.9399	.2970	.4129	13.46	.8586	1.033	5.532

#1	.0288	.0331	18.80	2.020	3.983	.2287	.0008	.2022	.0210	.0117
#2	.0291	.0325	18.71	2.006	3.998	.2306	.0007	.1996	.0209	.0107
#3	.0286	.0328	18.76	1.983	3.974	.2296	.0009	.1990	.0213	.0106

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0025	-.0017	1.188	-.0011	.0248	.7711	.0005	.0350	.1115
Stddev	.0012	.0015	.008	.0002	.0001	.0008	.0007	.0001	.0013
%RSD	48.83	86.49	.6544	19.87	.2283	.1017	139.7	.3174	1.138

#1	-.0036	-.0035	1.184	-.0013	.0249	.7711	.0004	.0350	.1104
#2	-.0012	-.0007	1.183	-.0010	.0248	.7719	-.0002	.0351	.1112
#3	-.0028	-.0010	1.197	-.0009	.0249	.7703	.0013	.0349	.1129

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4732.4	100570.	7750.0
Stddev	62.8	609.	5.8
%RSD	1.3261	.60527	.07451

#1	4768.8	100260.	7743.6
#2	4768.5	101270.	7754.7
#3	4659.9	100170.	7751.7

Sample Name: L1925021-11,T,2 Acquired: 6/24/2019 15:54:11 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	11.45	.0122	.0035	.1913	.0003	-.0000	9.463	.0014	.0106
Stddev	.0002	.04	.0022	.0005	.0005	.0000	.0005	.014	.0000	.0001
%RSD	110.5	.3309	18.08	14.55	.2623	2.986	5030.	.1478	2.023	.8771
#1	-.0003	11.41	.0131	.0030	.1908	.0003	-.0003	9.454	.0014	.0105
#2	.0001	11.46	.0138	.0036	.1913	.0003	.0006	9.457	.0014	.0107
#3	-.0003	11.48	.0097	.0040	.1918	.0003	-.0004	9.479	.0014	.0107
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0458	.0922	33.37	1.838	5.944	.2247	.0023	.5635	.0423	.3153
Stddev	.0002	.0009	.04	.043	.010	.0008	.0001	.0082	.0004	.0042
%RSD	.5200	.9328	.1228	2.317	.1661	.3385	2.478	1.458	1.048	1.332
#1	.0461	.0932	33.35	1.819	5.953	.2244	.0022	.5542	.0419	.3121
#2	.0457	.0917	33.33	1.887	5.934	.2256	.0023	.5662	.0423	.3137
#3	.0456	.0917	33.41	1.808	5.947	.2242	.0023	.5700	.0428	.3200
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0018	-.0002	1.512	.0233	.0451	.7461	-.0003	.0627	.3589	
Stddev	.0006	.0021	.008	.0007	.0002	.0003	.0008	.0004	.0026	
%RSD	36.19	1247.	.5081	2.808	.4350	.0350	283.7	.5605	.7369	
#1	.0015	-.0024	1.505	.0233	.0449	.7463	.0003	.0628	.3574	
#2	.0025	.0019	1.511	.0240	.0449	.7458	-.0012	.0630	.3574	
#3	.0013	-.0000	1.520	.0227	.0453	.7462	.0000	.0623	.3620	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4808.9	101750.	7935.4							
Stddev	44.2	227.	19.3							
%RSD	.92008	.22314	.24327							
#1	4834.4	101490.	7915.9							
#2	4834.5	101910.	7935.8							
#3	4757.8	101840.	7954.5							

Sample Name: L1925021-12,T,2 Acquired: 6/24/2019 15:58:17 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0010	8.373	.0110	.0004	.0460	.0001	-.0022	2.633	-.0004	.0075
Stddev	.0002	.011	.0004	.0001	.0001	.0000	.0015	.009	.0000	.0002
%RSD	22.15	.1275	3.321	32.84	.1144	26.09	69.71	.3296	9.318	2.526

#1	-.0011	8.378	.0109	.0003	.0459	.0001	-.0022	2.636	-.0004	.0074
#2	-.0011	8.361	.0114	.0005	.0460	.0001	-.0037	2.623	-.0003	.0075
#3	-.0007	8.381	.0107	.0004	.0460	.0001	-.0007	2.640	-.0004	.0078

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0332	.0126	17.90	1.480	4.062	.1356	.0008	.3209	.0191	.0116
Stddev	.0003	.0004	.07	.025	.008	.0006	.0002	.0030	.0004	.0012
%RSD	1.048	2.871	.4106	1.694	.1896	.4419	19.75	.9238	2.001	10.76

#1	.0332	.0123	17.89	1.451	4.055	.1352	.0007	.3182	.0187	.0108
#2	.0328	.0130	17.83	1.495	4.062	.1355	.0007	.3240	.0192	.0110
#3	.0335	.0126	17.97	1.495	4.070	.1363	.0010	.3203	.0195	.0130

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0019	-.0003	1.438	-.0004	.0202	.7501	.0001	.0469	.0380
Stddev	.0012	.0015	.005	.0011	.0001	.0004	.0007	.0004	.0001
%RSD	64.74	571.1	.3775	297.1	.2995	.0481	662.5	.8820	.3157

#1	-.0009	-.0015	1.435	-.0013	.0202	.7501	-.0002	.0471	.0380
#2	-.0015	-.0006	1.436	-.0007	.0202	.7497	.0010	.0471	.0379
#3	-.0032	.0014	1.445	.0008	.0203	.7504	-.0005	.0464	.0381

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4734.2	100460.	7708.4
Stddev	36.1	348.	25.0
%RSD	.76227	.34661	.32472

#1	4758.3	100750.	7710.8
#2	4751.6	100070.	7732.2
#3	4692.7	100550.	7682.3

Sample Name: L1925021-13,T,2 Acquired: 6/24/2019 16:02:25 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	28.39	.0296	.0182	3.029	.0007	.0018	47.00	.0051	.0274
Stddev	.0005	.01	.0002	.0003	.006	.0001	.0007	.05	.0000	.0001
%RSD	300.8	.0478	.7831	1.567	.1982	7.470	37.74	.1047	.3755	.3436
#1	.0007	28.39	.0299	.0178	3.034	.0007	.0011	47.00	.0051	.0273
#2	-.0002	28.40	.0296	.0183	3.022	.0008	.0021	47.05	.0051	.0274
#3	-.0000	28.37	.0294	.0183	3.030	.0007	.0024	46.95	.0051	.0274
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1206	.4358	92.87	2.339	20.77	.8433	.0080	.4252	.2284	2.079
Stddev	.0003	.0009	.13	.009	.35	.0015	.0002	.0079	.0016	.013
%RSD	.2544	.2065	.1437	.4075	1.697	.1741	2.253	1.849	.7188	.6105
#1	.1209	.4364	92.99	2.328	20.56	.8431	.0079	.4341	.2274	2.070
#2	.1207	.4348	92.89	2.345	21.17	.8420	.0079	.4218	.2275	2.074
#3	.1203	.4362	92.73	2.344	20.57	.8449	.0082	.4196	.2303	2.093
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0129	.0003	2.828	.1325	.2342	1.258	-.0002	1.102	2.176	
Stddev	.0013	.0033	.012	.0004	.0004	.001	.0007	.002	.015	
%RSD	10.27	997.1	.4333	.3200	.1738	.1047	472.7	.2147	.6913	
#1	.0128	-.0022	2.817	.1321	.2346	1.258	-.0010	1.105	2.167	
#2	.0116	.0040	2.826	.1324	.2341	1.256	.0004	1.100	2.167	
#3	.0142	-.0008	2.841	.1330	.2338	1.258	.0002	1.102	2.193	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4781.8	101820.	7971.8							
Stddev	45.4	99.	124.1							
%RSD	.95003	.09709	1.5567							
#1	4808.7	101700.	8044.2							
#2	4807.2	101870.	7828.5							
#3	4729.3	101880.	8042.6							

Sample Name: L1925021-14,T,2 Acquired: 6/24/2019 16:06:30 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0017	10.30	.0109	.0013	.0406	.0004	-.0010	2.533	-.0000	.0117
Stddev	.0001	.05	.0013	.0002	.0005	.0000	.0008	.024	.0000	.0003
%RSD	8.238	.5074	11.62	15.05	1.319	4.298	83.48	.9297	44.39	2.409

#1	-.0016	10.34	.0117	.0014	.0409	.0003	-.0014	2.556	-.0000	.0114
#2	-.0019	10.24	.0095	.0011	.0400	.0004	-.0015	2.509	-.0000	.0116
#3	-.0017	10.31	.0116	.0012	.0410	.0003	-.0000	2.534	-.0000	.0119

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0331	.0231	18.12	1.688	5.138	.1504	.0007	.2353	.0306	.0164
Stddev	.0002	.0007	.08	.021	.070	.0019	.0002	.0051	.0003	.0001
%RSD	.6573	3.202	.4520	1.267	1.354	1.245	29.06	2.177	1.078	.9084

#1	.0333	.0239	18.18	1.705	5.090	.1515	.0006	.2300	.0303	.0163
#2	.0328	.0225	18.03	1.664	5.218	.1482	.0009	.2357	.0306	.0166
#3	.0331	.0230	18.15	1.695	5.106	.1515	.0006	.2402	.0309	.0163

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0023	-.0013	1.215	.0003	.0134	.5690	.0000	.0399	.0596
Stddev	.0003	.0022	.007	.0006	.0001	.0008	.0006	.0003	.0007
%RSD	13.22	167.0	.6171	182.4	1.085	.1345	14940.	.7151	1.173

#1	-.0023	-.0038	1.209	-.0001	.0135	.5681	-.0003	.0400	.0590
#2	-.0020	-.0006	1.212	.0010	.0133	.5695	-.0005	.0396	.0595
#3	-.0026	.0005	1.223	.0001	.0136	.5694	.0007	.0402	.0604

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4767.7	101080.	7720.5
Stddev	61.8	329.	85.9
%RSD	1.2967	.32580	1.1131

#1	4807.1	100800.	7763.9
#2	4799.6	101450.	7621.6
#3	4696.5	101000.	7776.2

Sample Name: CCV Acquired: 6/24/2019 16:10:38 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4968	.5051	.5251	.4983	.4949	.5137	-.0027	.4922	.4860	.4843
Stddev	.0006	.0083	.0021	.0026	.0061	.0113	.0011	.0076	.0042	.0030
%RSD	.1274	1.639	.3930	.5148	1.226	2.205	40.04	1.548	.8599	.6120

#1	.4968	.5143	.5237	.4964	.5019	.5267	-.0034	.5010	.4827	.4822
#2	.4974	.5029	.5241	.4972	.4918	.5076	-.0032	.4873	.4847	.4830
#3	.4962	.4981	.5275	.5012	.4911	.5067	-.0015	.4883	.4907	.4877

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4983	.4817	.5246	4.870	.5206	.4855	.4854	9.917	.5002	.5097
Stddev	.0001	.0009	.0021	.028	.0094	.0053	.0036	.112	.0026	.0051
%RSD	.0200	.1929	.3938	.5725	1.810	1.102	.7385	1.125	.5268	1.006

#1	.4983	.4815	.5267	4.889	.5307	.4916	.4826	10.05	.4979	.5065
#2	.4982	.4827	.5245	4.838	.5120	.4818	.4842	9.848	.4995	.5070
#3	.4984	.4809	.5226	4.884	.5192	.4830	.4894	9.858	.5031	.5156

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5003	.5001	5.100	.4931	.4929	.4900	.4915	.5015	.5013
Stddev	.0022	.0051	.022	.0040	.0065	.0010	.0042	.0004	.0045
%RSD	.4477	1.017	.4293	.8159	1.328	.2050	.8545	.0890	.8923

#1	.4994	.4998	5.087	.4895	.5005	.4907	.4897	.5011	.4972
#2	.4986	.4951	5.087	.4923	.4896	.4889	.4885	.5014	.5006
#3	.5028	.5053	5.125	.4974	.4887	.4905	.4963	.5020	.5061

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4644.3	97497.	7427.0
Stddev	44.9	228.	126.1
%RSD	.96760	.23375	1.6971

#1	4674.0	97538.	7281.8
#2	4666.4	97252.	7490.9
#3	4592.6	97702.	7508.3

Sample Name: CCB Acquired: 6/24/2019 16:14:51 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	.0053	.0008	-.0026	.0001	.0003	.0009	.0009	.0003	.0003
Stddev	.0005	.0072	.0012	.0002	.0002	.0000	.0007	.0079	.0000	.0000
%RSD	81.36	135.7	161.4	8.508	135.4	4.526	73.61	886.6	3.222	1.059

#1	.0010	-.0019	.0011	-.0023	.0001	.0003	.0003	-.0078	.0003	.0003
#2	.0000	.0125	.0018	-.0027	-.0001	.0003	.0008	.0030	.0003	.0002
#3	.0008	.0053	-.0006	-.0027	.0003	.0003	.0017	.0075	.0003	.0003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0004	.0060	-.0087	-.0010	.0003	.0012	.0093	.0008	-.0002
Stddev	.0004	.0002	.0004	.0296	.0009	.0001	.0004	.0045	.0001	.0008
%RSD	34.45	40.23	6.991	339.9	97.63	24.93	37.64	48.20	17.76	428.6

#1	.0015	.0004	.0064	-.0189	-.0003	.0003	.0014	.0063	.0010	.0007
#2	.0008	.0003	.0057	.0246	-.0020	.0004	.0015	.0072	.0007	-.0006
#3	.0011	.0006	.0058	-.0319	-.0006	.0003	.0007	.0145	.0008	-.0007

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	-.0020	.0079	.0004	.0003	.0010	-.0004	-.0002	.0004
Stddev	.0009	.0030	.0008	.0010	.0003	.0002	.0014	.0002	.0001
%RSD	58.79	153.0	10.44	251.8	92.63	21.20	363.6	70.11	33.52

#1	.0024	-.0053	.0082	.0015	.0000	.0010	.0007	-.0004	.0005
#2	.0007	-.0013	.0085	-.0001	.0003	.0013	.0000	-.0001	.0003
#3	.0014	.0007	.0069	-.0003	.0006	.0009	-.0019	-.0002	.0005

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4605.1	98318.	7379.5
Stddev	55.6	159.	51.5
%RSD	1.2075	.16153	.69811

#1	4630.4	98152.	7432.3
#2	4643.5	98468.	7329.4
#3	4541.3	98333.	7376.8

Sample Name: L1925072-01,T,2 Acquired: 6/24/2019 16:19:07 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0021	52.15	.0728	.2538	.1959	.0013	-.0020	1401.	-.0004	.0237
Stddev	.0008	.04	.0021	.0015	.0005	.0000	.0014	19.	.0001	.0004
%RSD	35.65	.0752	2.864	.5862	.2591	.8800	70.28	1.325	11.47	1.523

#1	-.0014	52.17	.0711	.2532	.1960	.0013	-.0035	1384.	-.0005	.0234
#2	-.0022	52.17	.0721	.2526	.1964	.0013	-.0008	1421.	-.0004	.0236
#3	-.0029	52.10	.0751	.2555	.1954	.0013	-.0016	1399.	-.0004	.0241

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0703	.0438	45.62	.7379	174.0	1.627	.0100	5.421	.0623	.0437
Stddev	.0003	.0004	.14	.0222	.9	.003	.0000	.010	.0004	.0007
%RSD	.3622	.8605	.2990	3.004	.4964	.1839	.3264	.1770	.6954	1.696

#1	.0703	.0442	45.75	.7172	173.6	1.628	.0100	5.420	.0620	.0430
#2	.0701	.0435	45.63	.7613	173.3	1.628	.0100	5.432	.0622	.0445
#3	.0706	.0436	45.48	.7351	174.9	1.623	.0100	5.413	.0628	.0436

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0028	.0061	10.08	.0018	5.489	2.595	-.0016	.1074	.0967
Stddev	.0003	.0011	.03	.0012	.040	.003	.0012	.0002	.0008
%RSD	11.71	17.78	.3216	65.46	.7284	.1124	77.29	.1404	.7841

#1	-.0029	.0072	10.05	.0028	5.535	2.596	-.0021	.1074	.0964
#2	-.0024	.0051	10.07	.0021	5.466	2.598	-.0002	.1073	.0962
#3	-.0030	.0059	10.11	.0005	5.466	2.592	-.0025	.1076	.0976

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4260.6	90347.	7529.8
Stddev	49.4	632.	20.2
%RSD	1.1589	.69897	.26828

#1	4287.5	90226.	7527.5
#2	4290.7	91031.	7551.0
#3	4203.6	89785.	7510.8

Sample Name: L1925072-02,T,2 Acquired: 6/24/2019 16:23:39 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023	69.09	.0818	.0592	.6921	.0032	.0054	807.0	.0054	.0839
Stddev	.0001	.25	.0040	.0001	.0024	.0000	.0010	8.9	.0000	.0001
%RSD	5.663	.3612	4.922	.2032	.3520	1.174	17.88	1.107	.6787	.1618

#1	.0024	69.38	.0829	.0592	.6949	.0032	.0049	817.3	.0054	.0840
#2	.0023	68.93	.0853	.0590	.6902	.0032	.0065	801.4	.0054	.0838
#3	.0021	68.97	.0774	.0593	.6913	.0031	.0047	802.3	.0054	.0840

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4695	.2087	110.2	9.300	63.15	3.583	.0589	2.626	.2344	.2739
Stddev	.0002	.0007	.4	.056	.37	.016	.0006	.015	.0014	.0025
%RSD	.0525	.3226	.3229	.6036	.5878	.4590	1.040	.5522	.6181	.9302

#1	.4697	.2095	110.6	9.325	63.42	3.601	.0590	2.643	.2348	.2715
#2	.4692	.2085	110.2	9.339	63.31	3.577	.0582	2.620	.2328	.2735
#3	.4696	.2081	109.8	9.236	62.73	3.569	.0594	2.616	.2356	.2766

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020	.0050	2.686	.0147	1.478	1.421	.0000	.1867	.4356
Stddev	.0019	.0020	.010	.0008	.004	.001	.0007	.0006	.0032
%RSD	92.05	40.28	.3568	5.239	.2588	.0954	2540.	.2977	.7401

#1	.0006	.0028	2.695	.0152	1.482	1.421	.0001	.1874	.4344
#2	.0014	.0068	2.676	.0138	1.477	1.419	-.0007	.1863	.4332
#3	.0042	.0053	2.686	.0150	1.474	1.422	.0007	.1866	.4393

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4710.0	99686.	8334.8
Stddev	43.2	137.	40.6
%RSD	.91745	.13755	.48746

#1	4724.5	99534.	8303.7
#2	4744.0	99801.	8319.8
#3	4661.3	99722.	8380.7

Sample Name: L1925745-01,T,2 Acquired: 6/24/2019 16:27:52 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0009	62.24	.0366	.0219	.4134	.0035	.0025	13.11	-.0013	.0597
Stddev	.0001	.09	.0013	.0003	.0006	.0000	.0010	.05	.0001	.0006
%RSD	11.98	.1449	3.446	1.585	.1338	.3534	41.24	.4011	3.803	.9925

#1	-.0010	62.26	.0361	.0216	.4138	.0035	.0033	13.08	-.0013	.0598
#2	-.0008	62.32	.0357	.0223	.4136	.0035	.0013	13.17	-.0014	.0591
#3	-.0008	62.15	.0381	.0219	.4128	.0035	.0027	13.07	-.0013	.0602

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2120	.4514	126.4	3.547	23.44	2.842	.0033	2.250	.0936	.3915
Stddev	.0007	.0009	.1	.012	.07	.005	.0003	.006	.0008	.0039
%RSD	.3269	.1917	.1174	.3386	.2963	.1651	7.602	.2824	.8128	.9950

#1	.2114	.4509	126.4	3.533	23.46	2.844	.0035	2.243	.0936	.3910
#2	.2127	.4524	126.6	3.551	23.36	2.845	.0033	2.254	.0928	.3878
#3	.2118	.4510	126.3	3.556	23.49	2.836	.0030	2.252	.0943	.3956

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046	-.0026	1.606	.0190	.0697	1.659	.0004	.2350	.4935
Stddev	.0006	.0007	.009	.0004	.0002	.001	.0005	.0011	.0046
%RSD	12.02	28.43	.5723	2.141	.2980	.0713	112.4	.4624	.9381

#1	.0044	-.0034	1.599	.0190	.0697	1.657	.0010	.2338	.4922
#2	.0041	-.0025	1.603	.0186	.0699	1.659	.0000	.2359	.4897
#3	.0052	-.0019	1.616	.0194	.0695	1.659	.0003	.2352	.4986

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4911.9	104720.	8137.7
Stddev	65.2	665.	5.5
%RSD	1.3270	.63494	.06751

#1	4944.4	105140.	8142.2
#2	4954.5	103960.	8131.6
#3	4836.9	105070.	8139.3

Sample Name: L1925745-02,T,2 Acquired: 6/24/2019 16:31:58 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0010	35.69	.0209	.0142	.3051	.0024	.0023	8.223	-.0008	.0329
Stddev	.0004	.12	.0005	.0005	.0010	.0000	.0014	.037	.0001	.0004
%RSD	43.00	.3336	2.548	3.303	.3164	.8443	63.73	.4447	8.696	1.097

#1	-.0005	35.55	.0214	.0146	.3039	.0023	.0038	8.181	-.0008	.0328
#2	-.0011	35.78	.0210	.0137	.3057	.0023	.0010	8.241	-.0009	.0326
#3	-.0014	35.72	.0203	.0143	.3055	.0024	.0020	8.247	-.0007	.0333

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0743	.1523	81.37	3.170	10.53	2.806	.0031	1.621	.0547	.1728
Stddev	.0003	.0002	.17	.045	.06	.008	.0003	.006	.0010	.0015
%RSD	.3678	.1262	.2095	1.433	.6166	.2989	8.733	.3864	1.757	.8649

#1	.0740	.1523	81.31	3.158	10.50	2.798	.0032	1.628	.0546	.1731
#2	.0745	.1526	81.24	3.133	10.49	2.807	.0028	1.615	.0538	.1712
#3	.0744	.1522	81.56	3.221	10.61	2.815	.0033	1.621	.0557	.1741

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019	-.0007	2.229	.0035	.0459	1.135	.0007	.1093	.3923
Stddev	.0011	.0007	.020	.0003	.0002	.000	.0007	.0002	.0039
%RSD	61.20	96.70	.8904	8.818	.4004	.0344	94.31	.1855	1.006

#1	.0017	-.0001	2.237	.0033	.0457	1.135	.0008	.1092	.3922
#2	.0008	-.0006	2.206	.0039	.0459	1.135	.0000	.1095	.3884
#3	.0031	-.0015	2.243	.0034	.0460	1.135	.0014	.1091	.3963

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4903.8	103540.	8063.4
Stddev	56.7	322.	44.5
%RSD	1.1563	.31100	.55241

#1	4915.9	103310.	8076.5
#2	4953.5	103410.	8100.0
#3	4842.0	103910.	8013.8

Sample Name: L1925072-01,T,20 Acquired: 6/24/2019 16:47:45 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0015	5.049	.0080	.0228	.0194	-.0001	.0002	149.7	-.0000	.0027
Stddev	.0001	.033	.0030	.0011	.0003	.0000	.0009	.9	.0000	.0001
%RSD	5.693	.6456	37.81	4.657	1.410	12.04	500.5	.6172	15.23	4.541

#1	-.0016	5.016	.0114	.0220	.0193	-.0001	-.0004	148.7	-.0000	.0026
#2	-.0014	5.049	.0072	.0224	.0191	-.0001	-.0002	149.9	-.0000	.0029
#3	-.0015	5.082	.0055	.0240	.0197	-.0001	.0012	150.5	-.0000	.0027

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085	.0049	4.751	.0612	19.16	.1685	.0012	.5378	.0079	.0050
Stddev	.0005	.0003	.022	.0511	.12	.0013	.0001	.0053	.0003	.0009
%RSD	6.249	5.430	.4560	83.50	.6162	.7988	9.139	.9832	3.207	18.73

#1	.0080	.0051	4.726	.1141	19.03	.1672	.0013	.5324	.0078	.0052
#2	.0090	.0050	4.762	.0122	19.18	.1684	.0011	.5430	.0078	.0058
#3	.0084	.0046	4.765	.0571	19.27	.1698	.0012	.5381	.0082	.0039

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0034	.0039	1.004	-.0014	.5439	.2614	-.0005	.0108	.0112
Stddev	.0008	.0033	.013	.0006	.0027	.0006	.0006	.0001	.0005
%RSD	23.41	84.66	1.259	41.38	.4876	.2364	110.4	.6990	4.242

#1	-.0034	.0052	.9921	-.0021	.5411	.2609	-.0011	.0107	.0107
#2	-.0026	.0064	1.002	-.0011	.5445	.2613	-.0002	.0108	.0112
#3	-.0042	.0002	1.017	-.0011	.5463	.2621	-.0001	.0107	.0117

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4487.6	95382.	7471.2
Stddev	43.1	222.	29.1
%RSD	.96056	.23269	.38999

#1	4513.8	95448.	7499.7
#2	4511.0	95563.	7472.5
#3	4437.8	95135.	7441.5

Sample Name: L1925072-02,T,20 Acquired: 6/24/2019 16:51:54 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0013	6.629	.0077	.0028	.0663	.0002	.0013	83.13	.0006	.0094
Stddev	.0006	.086	.0027	.0008	.0009	.0000	.0005	1.02	.0001	.0001
%RSD	43.05	1.292	35.21	30.28	1.377	4.213	41.95	1.228	9.122	.9566

#1	-.0007	6.538	.0046	.0028	.0652	.0002	.0016	82.02	.0006	.0094
#2	-.0017	6.642	.0096	.0019	.0666	.0002	.0007	83.35	.0007	.0093
#3	-.0016	6.708	.0089	.0036	.0670	.0002	.0017	84.03	.0007	.0095

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0497	.0210	11.33	.8920	7.158	.3693	.0065	.2665	.0269	.0314
Stddev	.0002	.0003	.13	.0143	.028	.0049	.0000	.0070	.0007	.0009
%RSD	.3303	1.459	1.109	1.604	.3842	1.321	.7491	2.625	2.597	2.800

#1	.0497	.0212	11.20	.8803	7.150	.3639	.0065	.2589	.0262	.0322
#2	.0499	.0206	11.33	.8878	7.136	.3707	.0066	.2678	.0268	.0305
#3	.0495	.0212	11.46	.9080	7.189	.3733	.0065	.2727	.0276	.0316

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0016	.0011	.2708	-.0001	.1448	.1424	-.0000	.0187	.0490
Stddev	.0019	.0016	.0059	.0005	.0016	.0011	.0003	.0003	.0014
%RSD	122.1	144.0	2.197	341.0	1.138	.7594	2768.	1.659	2.866

#1	.0006	.0011	.2644	-.0007	.1432	.1413	-.0002	.0184	.0477
#2	-.0026	-.0005	.2717	.0002	.1448	.1423	-.0002	.0186	.0489
#3	-.0027	.0027	.2762	.0000	.1464	.1435	.0003	.0190	.0505

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4629.7	97903.	7570.2
Stddev	41.8	691.	26.9
%RSD	.90385	.70592	.35482

#1	4652.1	97348.	7539.4
#2	4655.6	97685.	7582.1
#3	4581.5	98677.	7588.9

Sample Name: CCV Acquired: 6/24/2019 16:57:07 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4873	.4972	.5252	.4945	.4888	.5029	-.0023	.5054	.4835	.4818
Stddev	.0012	.0098	.0029	.0021	.0042	.0068	.0014	.0045	.0032	.0028
%RSD	.2424	1.967	.5560	.4333	.8679	1.352	60.32	.8807	.6681	.5854
#1	.4886	.5079	.5232	.4930	.4884	.5108	-.0009	.5017	.4827	.4810
#2	.4863	.4887	.5238	.4935	.4849	.4992	-.0023	.5103	.4807	.4794
#3	.4870	.4949	.5285	.4970	.4933	.4988	-.0037	.5040	.4870	.4849

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4916	.4778	.4971	4.918	.5108	.4776	.4855	9.782	.4984	.5071
Stddev	.0011	.0027	.0038	.048	.0054	.0033	.0028	.076	.0026	.0031
%RSD	.2244	.5637	.7607	.9707	1.059	.6898	.5786	.7742	.5226	.6046
#1	.4927	.4806	.4960	4.915	.5147	.4779	.4847	9.786	.4977	.5076
#2	.4905	.4776	.4941	4.872	.5046	.4742	.4831	9.704	.4962	.5038
#3	.4915	.4752	.5014	4.967	.5131	.4808	.4886	9.856	.5013	.5098

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4972	.4969	5.083	.4915	.4859	.4886	.4875	.4952	.4987
Stddev	.0039	.0028	.019	.0032	.0022	.0006	.0025	.0016	.0037
%RSD	.7796	.5537	.3748	.6434	.4534	.1216	.5076	.3307	.7335
#1	.4943	.4953	5.072	.4893	.4858	.4892	.4863	.4971	.4976
#2	.4956	.4953	5.072	.4901	.4838	.4884	.4859	.4947	.4956
#3	.5016	.5001	5.105	.4951	.4882	.4881	.4903	.4939	.5027

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4703.6	99455.	7606.8
Stddev	39.7	241.	54.2
%RSD	.84341	.24197	.71206
#1	4730.3	99565.	7558.7
#2	4722.5	99621.	7665.4
#3	4658.0	99179.	7596.2

Sample Name: CCB Acquired: 6/24/2019 17:01:21 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0054	.0005	-.0026	.0002	.0003	.0002	.0029	.0003	.0003
Stddev	.0001	.0021	.0024	.0005	.0002	.0001	.0013	.0008	.0001	.0000
%RSD	15.72	39.19	489.1	20.86	139.6	19.96	844.6	27.28	17.71	10.64

#1	.0006	.0057	-.0011	-.0020	.0003	.0003	.0016	.0038	.0003	.0003
#2	.0004	.0074	-.0007	-.0029	-.0001	.0003	-.0000	.0025	.0002	.0003
#3	.0006	.0032	.0032	-.0029	.0003	.0004	-.0011	.0024	.0004	.0003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0004	.0017	-.0334	.0023	.0004	.0012	.0243	.0006	-.0005
Stddev	.0002	.0004	.0003	.0616	.0008	.0002	.0006	.0049	.0002	.0010
%RSD	18.15	110.4	18.81	184.2	36.14	46.92	53.60	20.09	25.88	197.8

#1	.0011	.0001	.0020	.0092	.0016	.0004	.0019	.0238	.0007	-.0006
#2	.0012	.0002	.0014	-.1041	.0020	.0002	.0010	.0197	.0004	.0005
#3	.0009	.0008	.0018	-.0055	.0032	.0006	.0007	.0294	.0006	-.0014

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036	-.0004	.0055	.0007	.0003	.0011	.0004	.0002	.0004
Stddev	.0012	.0010	.0003	.0002	.0000	.0001	.0003	.0001	.0001
%RSD	33.57	282.9	5.888	25.11	13.62	7.286	75.46	57.00	19.93

#1	.0044	.0008	.0055	.0009	.0003	.0012	.0005	.0003	.0005
#2	.0042	-.0010	.0051	.0006	.0003	.0012	.0005	.0001	.0003
#3	.0022	-.0009	.0058	.0006	.0002	.0011	.0000	.0001	.0004

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4640.7	98912.	7593.3
Stddev	47.5	92.	43.9
%RSD	1.0228	.09302	.57838

#1	4671.6	98821.	7641.8
#2	4664.4	99005.	7582.1
#3	4586.0	98911.	7556.1

Sample Name: WG1251675-1,S Acquired: 6/24/2019 17:05:36 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment: 1

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	-.0049	.0025	-.0042	-.0001	.0001	-.0015	-.0023	.0001	.0002
Stddev	.0005	.0020	.0035	.0000	.0003	.0000	.0005	.0067	.0000	.0001
%RSD	1240.	41.54	139.0	.5194	286.2	20.60	32.63	291.7	1.474	56.36

#1	.0002	-.0030	.0031	-.0042	.0000	.0001	-.0020	.0031	.0001	.0003
#2	-.0006	-.0071	.0057	-.0041	.0001	.0001	-.0011	-.0002	.0001	.0003
#3	.0003	-.0045	-.0012	-.0042	-.0004	.0001	-.0014	-.0098	.0001	.0001

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0010	.0003	-.0062	-.0030	-.0000	-.0003	.0005	.0243	-.0002	-.0009
Stddev	.0002	.0005	.0032	.0171	.0007	.0001	.0003	.0057	.0003	.0010
%RSD	15.97	178.3	51.93	569.9	2436.	42.88	54.46	23.38	121.6	115.5

#1	-.0010	.0008	-.0082	-.0103	.0007	-.0002	.0009	.0295	-.0001	-.0019
#2	-.0009	-.0001	-.0025	.0165	-.0008	-.0003	.0004	.0182	-.0006	-.0007
#3	-.0012	.0001	-.0080	-.0152	.0000	-.0005	.0003	.0253	-.0001	.0000

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0021	-.0005	.0130	-.0022	.0000	-.0001	.0007	-.0005	-.0005
Stddev	.0005	.0007	.0013	.0005	.0000	.0004	.0011	.0003	.0001
%RSD	26.57	137.5	9.784	21.97	273.4	407.1	161.3	48.53	23.65

#1	-.0024	.0003	.0134	-.0019	.0000	-.0006	.0019	-.0002	-.0005
#2	-.0024	-.0011	.0116	-.0019	-.0000	.0000	.0004	-.0006	-.0006
#3	-.0014	-.0007	.0141	-.0027	-.0000	.0002	-.0002	-.0007	-.0004

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4726.6	100300.	7660.4
Stddev	60.5	255.	17.8
%RSD	1.2792	.25383	.23238

#1	4756.1	100460.	7677.4
#2	4766.7	100000.	7661.9
#3	4657.1	100430.	7641.9

Sample Name: WG1251643-1,S Acquired: 6/24/2019 17:09:51 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0008	.0061	.0013	-.0041	-.0001	.0000	-.0004	-.0086	.0001	.0001
Stddev	.0002	.0041	.0007	.0004	.0001	.0000	.0006	.0108	.0000	.0001
%RSD	21.61	68.35	52.03	9.115	105.4	11.39	143.5	125.4	82.76	213.5

#1	-.0007	.0084	.0009	-.0037	-.0002	.0000	-.0005	-.0210	.0000	.0001
#2	-.0010	.0086	.0009	-.0044	-.0001	.0001	.0002	-.0036	.0001	-.0001
#3	-.0007	.0013	.0020	-.0041	.0000	.0001	-.0010	-.0012	.0000	.0001

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0009	.0002	-.0067	-.0025	-.0028	-.0001	.0001	.0203	.0000	-.0026
Stddev	.0002	.0004	.0012	.0167	.0017	.0002	.0001	.0054	.0003	.0004
%RSD	16.02	223.7	17.92	660.1	62.74	115.6	69.57	26.49	1797.	15.15

#1	-.0011	.0000	-.0056	-.0011	-.0008	-.0002	.0001	.0230	-.0001	-.0026
#2	-.0009	-.0001	-.0080	.0134	-.0036	-.0002	.0001	.0238	-.0002	-.0022
#3	-.0008	.0006	-.0065	-.0199	-.0039	.0000	.0000	.0141	.0004	-.0030

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0034	.0005	.0066	-.0025	-.0001	.0000	.0001	-.0002	.0000
Stddev	.0009	.0023	.0009	.0004	.0001	.0002	.0014	.0001	.0002
%RSD	25.25	454.2	14.05	17.89	83.37	864.4	1509.	62.00	571.9

#1	-.0036	-.0014	.0071	-.0021	-.0002	-.0000	.0005	-.0001	.0002
#2	-.0025	.0031	.0071	-.0030	-.0002	-.0002	-.0015	-.0002	-.0001
#3	-.0041	-.0002	.0055	-.0023	-.0000	.0002	.0013	-.0003	.0000

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4699.4	100140.	7680.8
Stddev	57.6	297.	33.2
%RSD	1.2267	.29625	.43264

#1	4737.3	100060.	7697.3
#2	4727.8	100470.	7702.6
#3	4633.0	99894.	7642.6

Sample Name: WG1251675-2,S Acquired: 6/24/2019 17:14:06 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0484	1.913	.1284	.7700	1.898	.0482	-.0019	7.200	.0521	.4778
Stddev	.0005	.018	.0015	.0042	.005	.0004	.0007	.026	.0004	.0021
%RSD	.9823	.9182	1.137	.5469	.2403	.7858	35.60	.3561	.7289	.4342

#1	.0486	1.933	.1293	.7672	1.903	.0484	-.0025	7.229	.0518	.4761
#2	.0479	1.899	.1267	.7679	1.894	.0478	-.0012	7.191	.0520	.4771
#3	.0488	1.907	.1292	.7748	1.898	.0484	-.0021	7.181	.0525	.4801

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1885	.2268	.9814	7.394	7.384	.4656	.6958	7.308	.4812	.5111
Stddev	.0005	.0007	.0045	.032	.035	.0014	.0050	.023	.0028	.0031
%RSD	.2742	.3127	.4581	.4329	.4666	.2948	.7198	.3105	.5823	.6146

#1	.1889	.2275	.9782	7.399	7.410	.4668	.6916	7.334	.4790	.5094
#2	.1887	.2261	.9795	7.423	7.345	.4641	.6945	7.297	.4803	.5092
#3	.1880	.2269	.9865	7.360	7.397	.4659	.7014	7.293	.4844	.5147

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4513	.1244	.1611	.6936	.7130	.7100	.1172	.4865	.5082
Stddev	.0163	.0035	.0015	.0060	.0026	.0003	.0009	.0010	.0033
%RSD	3.603	2.846	.9473	.8631	.3641	.0375	.7880	.2026	.6484

#1	.4340	.1215	.1596	.6880	.7159	.7097	.1162	.4876	.5060
#2	.4534	.1284	.1610	.6928	.7110	.7100	.1174	.4858	.5067
#3	.4664	.1233	.1627	.6999	.7120	.7103	.1180	.4862	.5120

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4711.7	99566.	7699.6
Stddev	43.6	209.	32.8
%RSD	.92432	.20972	.42567

#1	4734.0	99508.	7679.8
#2	4739.6	99393.	7737.4
#3	4661.6	99798.	7681.5

Sample Name: WG1251675-3,S Acquired: 6/24/2019 17:18:08 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0487	1.926	.1312	.7841	1.922	.0489	-.0027	7.344	.0528	.4834
Stddev	.0009	.012	.0012	.0028	.007	.0002	.0005	.046	.0004	.0028
%RSD	1.901	.6409	.9388	.3529	.3448	.3322	17.70	.6294	.8379	.5736
#1	.0494	1.939	.1311	.7821	1.926	.0491	-.0029	7.332	.0526	.4815
#2	.0490	1.925	.1325	.7830	1.925	.0490	-.0022	7.395	.0526	.4821
#3	.0476	1.914	.1301	.7873	1.914	.0488	-.0030	7.305	.0533	.4866
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1920	.2299	1.002	7.493	7.543	.4695	.7134	7.417	.4869	.5189
Stddev	.0002	.0011	.007	.062	.030	.0008	.0047	.034	.0027	.0051
%RSD	.1301	.4611	.6597	.8331	.3969	.1747	.6524	.4588	.5463	.9788
#1	.1922	.2307	1.005	7.548	7.572	.4695	.7092	7.441	.4859	.5158
#2	.1917	.2287	1.008	7.506	7.545	.4703	.7126	7.432	.4850	.5162
#3	.1921	.2303	.9950	7.425	7.513	.4687	.7184	7.378	.4900	.5248
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.4751	.1288	.1653	.7177	.7283	.7245	.1182	.4915	.5158	
Stddev	.0099	.0014	.0016	.0053	.0029	.0015	.0013	.0007	.0035	
%RSD	2.077	1.069	.9718	.7418	.3937	.2059	1.069	.1497	.6704	
#1	.4644	.1304	.1658	.7138	.7298	.7237	.1184	.4915	.5138	
#2	.4771	.1282	.1635	.7156	.7302	.7235	.1168	.4907	.5138	
#3	.4838	.1279	.1667	.7238	.7250	.7262	.1193	.4922	.5198	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4668.7	99285.	7645.7							
Stddev	48.0	282.	36.7							
%RSD	1.0285	.28410	.47980							
#1	4691.5	98985.	7609.6							
#2	4701.0	99325.	7644.7							
#3	4613.5	99545.	7682.9							

Sample Name: L1925717-01,S Acquired: 6/24/2019 17:22:09 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	-.0036	.0009	.0253	.0253	.0001	-.0004	37.72	.0001	.0002
Stddev	.0004	.0111	.0010	.0002	.0004	.0000	.0003	.04	.0000	.0002
%RSD	425.1	307.2	109.9	.7659	1.678	16.75	70.52	.1039	28.32	85.74
#1	.0004	.0090	.0019	.0251	.0255	.0001	-.0005	37.72	.0001	.0002
#2	-.0003	-.0117	.0011	.0253	.0256	.0001	-.0007	37.77	.0002	.0004
#3	.0001	-.0081	-.0002	.0254	.0248	.0001	-.0001	37.69	.0002	.0000
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0006	.0011	.0001	1.087	2.758	.0199	.0057	8.398	.0001	-.0011
Stddev	.0001	.0003	.0009	.018	.009	.0001	.0012	.007	.0003	.0001
%RSD	23.90	24.33	952.8	1.622	.3422	.7006	21.04	.0814	310.3	6.041
#1	-.0007	.0014	-.0009	1.087	2.769	.0199	.0070	8.391	-.0000	-.0011
#2	-.0007	.0011	.0008	1.105	2.751	.0197	.0056	8.403	-.0001	-.0011
#3	-.0005	.0008	.0004	1.070	2.755	.0200	.0046	8.402	.0004	-.0010
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0159	-.0018	2.916	.0070	.1048	.0014	.0002	-.0002	.0081	
Stddev	.0021	.0023	.014	.0016	.0003	.0003	.0006	.0002	.0001	
%RSD	13.08	125.1	.4742	23.11	.2989	21.61	372.2	88.12	1.152	
#1	.0180	.0008	2.912	.0088	.1045	.0016	-.0000	-.0002	.0081	
#2	.0158	-.0033	2.905	.0067	.1049	.0017	-.0003	-.0000	.0080	
#3	.0138	-.0030	2.932	.0056	.1051	.0011	.0009	-.0004	.0082	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4655.7	98865.	7693.6							
Stddev	59.9	110.	15.8							
%RSD	1.2868	.11120	.20508							
#1	4691.8	98817.	7675.9							
#2	4688.7	98788.	7706.2							
#3	4586.5	98991.	7698.6							

Sample Name: WG1251643-2,S Acquired: 6/24/2019 17:26:21 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0470	1.940	.1331	1.033	1.921	.0491	-.0026	9.593	.0531	.4839
Stddev	.0004	.006	.0013	.004	.003	.0005	.0006	.024	.0004	.0024
%RSD	.9155	.3121	.9743	.4344	.1670	1.005	22.13	.2501	.7087	.5061
#1	.0475	1.933	.1346	1.029	1.917	.0487	-.0032	9.572	.0528	.4816
#2	.0467	1.944	.1321	1.034	1.922	.0497	-.0020	9.619	.0531	.4836
#3	.0468	1.944	.1326	1.038	1.924	.0489	-.0027	9.589	.0535	.4864
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1921	.2293	1.006	9.848	9.946	.4705	.9368	9.696	.4879	.5264
Stddev	.0007	.0001	.005	.042	.099	.0019	.0074	.021	.0028	.0026
%RSD	.3550	.0646	.4725	.4289	.9932	.3967	.7885	.2200	.5749	.5013
#1	.1914	.2292	1.000	9.799	9.864	.4684	.9299	9.672	.4850	.5241
#2	.1925	.2294	1.010	9.870	10.06	.4713	.9360	9.712	.4881	.5259
#3	.1926	.2292	1.007	9.875	9.919	.4719	.9446	9.704	.4906	.5293
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.4661	.1303	.1486	.9370	.9564	.9544	.1196	.4940	.5182	
Stddev	.0151	.0007	.0012	.0079	.0026	.0031	.0015	.0021	.0029	
%RSD	3.240	.5361	.7775	.8446	.2724	.3290	1.213	.4270	.5665	
#1	.4503	.1299	.1479	.9281	.9534	.9513	.1195	.4918	.5157	
#2	.4677	.1299	.1480	.9394	.9580	.9542	.1181	.4940	.5175	
#3	.4803	.1311	.1500	.9434	.9578	.9576	.1210	.4960	.5214	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4659.4	98821.	7603.3							
Stddev	51.4	247.	66.4							
%RSD	1.1023	.24958	.87324							
#1	4697.6	98979.	7649.9							
#2	4679.6	98947.	7527.2							
#3	4601.0	98537.	7632.7							

Sample Name: L1924827-06,S Acquired: 6/24/2019 17:30:24 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0133	-.0003	.0275	.0632	.0000	.0001	33.35	.0001	.0017
Stddev	.0003	.0041	.0029	.0003	.0004	.0000	.0005	.07	.0001	.0003
%RSD	143.9	31.20	1156.	1.033	.6211	83.77	470.7	.2235	79.32	16.20

#1	-.0004	.0085	.0029	.0276	.0633	.0000	-.0002	33.37	.0001	.0015
#2	-.0004	.0161	-.0007	.0276	.0628	.0000	-.0001	33.26	.0000	.0020
#3	.0001	.0153	-.0029	.0271	.0636	.0000	.0007	33.41	.0002	.0015

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0006	.0026	.1099	4.040	6.879	.1263	.0066	198.9	.0016	.0001
Stddev	.0001	.0003	.0010	.052	.016	.0004	.0011	.4	.0001	.0019
%RSD	10.78	12.42	.9108	1.298	.2356	.3352	16.18	.1809	8.823	2307.

#1	-.0006	.0023	.1088	4.066	6.862	.1267	.0078	198.7	.0018	-.0010
#2	-.0007	.0029	.1101	3.980	6.894	.1265	.0063	198.6	.0016	.0022
#3	-.0007	.0025	.1108	4.076	6.881	.1259	.0058	199.3	.0015	-.0010

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166	.0002	6.648	.0083	.1594	.0018	.0004	.0002	.0193
Stddev	.0031	.0029	.016	.0017	.0005	.0004	.0003	.0005	.0001
%RSD	18.93	1651.	.2458	19.92	.2966	21.17	72.56	233.1	.7072

#1	.0199	-.0032	6.645	.0102	.1591	.0022	.0005	.0005	.0192
#2	.0160	.0021	6.634	.0079	.1592	.0015	.0006	-.0004	.0194
#3	.0138	.0016	6.666	.0069	.1600	.0016	.0001	.0006	.0194

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4509.7	94948.	7562.5
Stddev	57.4	322.	24.8
%RSD	1.2725	.33937	.32851

#1	4542.1	95317.	7588.3
#2	4543.6	94721.	7560.4
#3	4443.5	94806.	7538.7

Sample Name: WG1251643-3,S Acquired: 6/24/2019 17:34:46 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0976	3.897	.2768	2.148	3.963	.0992	-.0046	54.48	.1054	.9562
Stddev	.0004	.007	.0101	.042	.008	.0006	.0003	.08	.0022	.0192
%RSD	.4232	.1888	3.658	1.973	.2026	.6256	7.488	.1406	2.048	2.008
#1	.0979	3.899	.2699	2.121	3.970	.0998	-.0043	54.53	.1039	.9447
#2	.0971	3.903	.2721	2.126	3.964	.0986	-.0046	54.39	.1044	.9455
#3	.0978	3.889	.2884	2.197	3.954	.0992	-.0050	54.51	.1079	.9783
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3879	.4699	2.161	24.05	25.84	1.066	1.933	225.8	.9605	1.017
Stddev	.0014	.0003	.014	.03	.22	.002	.041	2.1	.0173	.019
%RSD	.3579	.0743	.6344	.1337	.8434	.1891	2.094	.9278	1.800	1.832
#1	.3891	.4701	2.177	24.06	26.06	1.067	1.905	228.1	.9501	1.005
#2	.3864	.4700	2.152	24.08	25.62	1.064	1.914	224.0	.9509	1.007
#3	.3880	.4695	2.154	24.02	25.83	1.068	1.980	225.3	.9804	1.038
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	1.011	.2685	7.388	1.908	2.107	1.971	.2243	1.017	1.056	
Stddev	.026	.0062	.136	.044	.009	.005	.0041	.003	.020	
%RSD	2.605	2.308	1.840	2.312	.4489	.2777	1.819	.2577	1.937	
#1	.9905	.2653	7.311	1.880	2.117	1.975	.2215	1.019	1.044	
#2	1.002	.2645	7.308	1.885	2.105	1.965	.2223	1.014	1.044	
#3	1.041	.2756	7.545	1.959	2.099	1.974	.2290	1.017	1.079	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4429.5	93187.	7421.6							
Stddev	58.9	335.	53.9							
%RSD	1.3288	.35970	.72672							
#1	4468.4	93087.	7379.7							
#2	4458.4	93561.	7482.4							
#3	4361.8	92914.	7402.6							

Sample Name: L1924827-07,S Acquired: 6/24/2019 17:38:57 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0005	.0399	.0055	.0174	.0543	.0001	-.0007	29.78	.0001	.0085
Stddev	.0004	.0078	.0022	.0006	.0006	.0000	.0011	.06	.0000	.0004
%RSD	70.48	19.47	40.49	3.707	1.196	10.44	154.5	.1984	22.58	4.600
#1	-.0001	.0311	.0060	.0181	.0538	.0001	-.0004	29.78	.0001	.0089
#2	-.0007	.0428	.0031	.0168	.0551	.0001	-.0019	29.84	.0001	.0081
#3	-.0008	.0459	.0074	.0175	.0541	.0001	.0002	29.72	.0001	.0086
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0025	1.397	2.303	7.645	.7316	.0159	168.9	.0027	.0017
Stddev	.0003	.0002	.006	.038	.032	.0013	.0039	1.2	.0005	.0017
%RSD	57.75	9.543	.4565	1.635	.4150	.1835	24.73	.7104	17.49	99.05
#1	.0004	.0026	1.389	2.304	7.627	.7327	.0202	167.9	.0031	.0024
#2	.0007	.0023	1.401	2.265	7.682	.7321	.0150	170.2	.0022	-.0002
#3	.0003	.0027	1.400	2.340	7.627	.7301	.0125	168.7	.0028	.0030
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0346	.0014	5.434	.0132	.1464	.0059	-.0012	.0012	.0197	
Stddev	.0089	.0050	.086	.0022	.0004	.0005	.0008	.0004	.0006	
%RSD	25.77	367.0	1.585	16.61	.2460	8.912	70.12	32.44	2.810	
#1	.0437	.0071	5.386	.0157	.1460	.0064	-.0008	.0014	.0194	
#2	.0343	-.0010	5.384	.0123	.1468	.0059	-.0006	.0015	.0193	
#3	.0259	-.0020	5.534	.0116	.1464	.0054	-.0021	.0008	.0203	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4507.8	94962.	7477.6							
Stddev	67.1	206.	37.1							
%RSD	1.4887	.21702	.49678							
#1	4543.4	94976.	7513.8							
#2	4549.6	95161.	7439.6							
#3	4430.4	94749.	7479.4							

Sample Name: WG1251643-4,S Acquired: 6/24/2019 17:43:18 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0014	.0336	.0037	.0144	.0517	.0001	-.0002	30.16	.0000	.0079
Stddev	.0008	.0044	.0021	.0002	.0001	.0000	.0010	.05	.0001	.0000
%RSD	62.17	13.13	55.63	1.704	.2544	29.67	416.7	.1687	185.8	.4696

#1	-.0004	.0325	.0019	.0142	.0516	.0001	.0009	30.15	.0000	.0079
#2	-.0018	.0384	.0060	.0144	.0518	.0000	-.0005	30.22	-.0000	.0079
#3	-.0019	.0298	.0033	.0147	.0518	.0000	-.0011	30.12	.0001	.0079

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0003	.0022	1.416	2.312	7.708	.7413	.0045	172.2	.0027	-.0011
Stddev	.0002	.0004	.005	.060	.022	.0027	.0004	.2	.0003	.0004
%RSD	47.68	16.67	.3522	2.589	.2865	.3692	9.798	.1329	10.33	32.16

#1	-.0003	.0024	1.420	2.380	7.684	.7406	.0049	172.4	.0029	-.0013
#2	-.0005	.0025	1.417	2.288	7.714	.7443	.0045	172.2	.0024	-.0014
#3	-.0002	.0018	1.410	2.267	7.727	.7390	.0040	172.0	.0029	-.0007

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096	.0030	5.479	.0043	.1472	.0030	-.0000	.0005	.0193
Stddev	.0010	.0017	.086	.0008	.0001	.0003	.0004	.0001	.0004
%RSD	10.87	58.70	1.564	18.58	.0452	11.17	11210.	14.44	1.963

#1	.0107	.0039	5.439	.0049	.1473	.0033	-.0004	.0006	.0192
#2	.0096	.0010	5.420	.0034	.1473	.0030	.0004	.0004	.0190
#3	.0086	.0040	5.577	.0045	.1472	.0026	-.0001	.0005	.0197

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4528.6	95453.	7510.7
Stddev	70.3	261.	29.9
%RSD	1.5519	.27358	.39816

#1	4564.9	95627.	7544.6
#2	4573.3	95579.	7499.6
#3	4447.6	95152.	7488.0

Sample Name: CCV Acquired: 6/24/2019 17:47:39 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4943	.5050	.5303	.5018	.4945	.5085	-.0012	.5004	.4901	.4886
Stddev	.0004	.0018	.0068	.0076	.0005	.0026	.0007	.0118	.0071	.0068
%RSD	.0754	.3587	1.288	1.518	.0993	.5156	61.98	2.359	1.455	1.393

#1	.4939	.5031	.5255	.4977	.4943	.5115	-.0009	.5140	.4864	.4853
#2	.4947	.5053	.5273	.4972	.4950	.5067	-.0006	.4930	.4857	.4841
#3	.4944	.5067	.5381	.5106	.4941	.5074	-.0020	.4942	.4983	.4964

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4965	.4811	.5147	4.968	.5259	.4836	.4927	9.985	.5035	.5152
Stddev	.0011	.0009	.0013	.026	.0060	.0024	.0065	.012	.0069	.0084
%RSD	.2205	.1889	.2521	.5178	1.144	.4943	1.324	.1235	1.374	1.639

#1	.4963	.4812	.5161	4.989	.5324	.4853	.4888	9.994	.4990	.5103
#2	.4956	.4820	.5142	4.977	.5205	.4847	.4890	9.971	.5000	.5103
#3	.4977	.4802	.5137	4.940	.5248	.4809	.5002	9.990	.5115	.5249

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5125	.5008	5.129	.5015	.4927	.4936	.4940	.4999	.5046
Stddev	.0076	.0070	.066	.0082	.0009	.0005	.0064	.0005	.0076
%RSD	1.479	1.405	1.281	1.630	.1750	.1038	1.294	.1095	1.515

#1	.5068	.4945	5.089	.4966	.4925	.4938	.4906	.4994	.5007
#2	.5097	.4994	5.094	.4970	.4936	.4931	.4900	.4998	.4997
#3	.5211	.5084	5.205	.5109	.4919	.4940	.5013	.5005	.5134

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4620.3	97985.	7463.1
Stddev	52.1	198.	27.3
%RSD	1.1267	.20233	.36537

#1	4650.7	98141.	7432.0
#2	4650.1	98051.	7474.5
#3	4560.2	97762.	7482.9

Sample Name: CCB Acquired: 6/24/2019 17:51:52 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	-.0178	.0015	-.0022	.0003	.0005	.0002	-.0007	.0004	.0004
Stddev	.0006	.0028	.0017	.0005	.0002	.0000	.0008	.0037	.0000	.0001
%RSD	100.2	15.87	117.2	21.72	54.35	8.768	362.0	524.7	9.369	19.09

#1	.0012	-.0191	.0023	-.0024	.0004	.0005	-.0007	.0023	.0005	.0003
#2	.0004	-.0196	-.0005	-.0026	.0001	.0004	.0009	.0005	.0005	.0004
#3	.0001	-.0145	.0027	-.0017	.0005	.0004	.0005	-.0049	.0004	.0005

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0006	.0034	-.0104	-.0041	.0005	.0032	.0533	.0008	-.0009
Stddev	.0001	.0001	.0023	.0389	.0007	.0004	.0006	.0037	.0001	.0012
%RSD	8.531	19.88	67.82	374.0	16.69	86.36	18.82	6.946	14.48	134.2

#1	.0012	.0005	.0008	-.0109	-.0043	.0003	.0039	.0491	.0008	-.0001
#2	.0011	.0007	.0051	.0287	-.0047	.0009	.0031	.0551	.0009	-.0003
#3	.0011	.0005	.0042	-.0491	-.0034	.0002	.0027	.0558	.0007	-.0022

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079	-.0013	.0081	.0040	.0004	.0010	.0010	.0002	.0006
Stddev	.0027	.0020	.0016	.0001	.0002	.0003	.0010	.0004	.0001
%RSD	34.34	153.7	19.50	3.091	47.68	25.87	103.7	191.7	11.06

#1	.0106	-.0024	.0099	.0041	.0002	.0009	-.0002	.0006	.0006
#2	.0052	-.0024	.0075	.0039	.0006	.0008	.0016	-.0000	.0005
#3	.0079	.0010	.0069	.0039	.0004	.0012	.0014	-.0000	.0006

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4603.5	98296.	7389.9
Stddev	54.3	113.	24.1
%RSD	1.1804	.11530	.32611

#1	4637.1	98182.	7362.2
#2	4632.7	98408.	7405.7
#3	4540.8	98299.	7401.9

Sample Name: L1924787-01,S Acquired: 6/24/2019 17:56:08 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	-.0083	.0073	.0001	.0386	.0001	-.0004	27.60	.0002	.0003
Stddev	.0006	.0097	.0009	.0004	.0002	.0000	.0002	.08	.0000	.0001
%RSD	402.4	116.4	11.60	303.0	.4845	7.734	35.35	.3026	9.948	41.90

#1	-.0008	-.0181	.0078	.0003	.0388	.0001	-.0006	27.65	.0002	.0005
#2	.0000	-.0080	.0063	-.0003	.0384	.0001	-.0004	27.51	.0001	.0002
#3	.0003	.0012	.0078	.0004	.0387	.0001	-.0003	27.66	.0002	.0003

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0006	.0009	.8844	1.255	5.932	.0997	.0021	5.958	-.0002	.0008
Stddev	.0002	.0002	.0034	.017	.009	.0002	.0003	.006	.0003	.0017
%RSD	26.26	27.50	.3845	1.326	.1450	.1989	11.91	.0941	153.5	215.2

#1	-.0004	.0006	.8846	1.259	5.935	.0994	.0024	5.954	-.0002	.0005
#2	-.0007	.0011	.8876	1.237	5.922	.0997	.0021	5.956	-.0005	-.0007
#3	-.0007	.0009	.8808	1.270	5.939	.0998	.0019	5.964	.0001	.0027

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0011	.0004	9.015	-.0002	.3751	.0004	.0001	-.0002	.0013
Stddev	.0007	.0025	.160	.0003	.0005	.0003	.0012	.0002	.0001
%RSD	61.03	701.8	1.779	143.4	.1403	81.44	798.2	99.62	10.43

#1	-.0017	.0032	8.909	-.0004	.3752	.0005	.0015	.0000	.0014
#2	-.0004	-.0014	8.937	-.0003	.3746	.0000	-.0003	-.0003	.0015
#3	-.0012	-.0008	9.199	.0001	.3756	.0006	-.0007	-.0003	.0012

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4656.9	98462.	7580.5
Stddev	69.5	791.	21.3
%RSD	1.4932	.80377	.28036

#1	4699.5	99376.	7586.0
#2	4694.5	98013.	7598.4
#3	4576.7	97997.	7557.0

Sample Name: L1924787-02,S Acquired: 6/24/2019 18:00:20 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0018	.0009	.0052	-.0008	.0024	.0000	-.0003	16.94	.0001	.0000
Stddev	.0005	.0116	.0020	.0002	.0002	.0000	.0005	.03	.0000	.0001
%RSD	26.80	1340.	39.41	30.29	7.947	55.01	142.7	.1871	27.00	210.1

#1	-.0014	.0058	.0038	-.0006	.0025	.0000	-.0006	16.97	.0001	.0001
#2	-.0023	.0092	.0043	-.0010	.0022	.0000	.0002	16.91	.0001	.0000
#3	-.0016	-.0124	.0075	-.0008	.0024	.0000	-.0006	16.93	.0001	-.0000

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0005	.0006	.0995	.8497	2.025	.0185	.0008	3.039	.0002	-.0013
Stddev	.0002	.0002	.0030	.0421	.016	.0006	.0001	.005	.0005	.0008
%RSD	30.13	42.26	2.991	4.959	.7769	3.132	13.56	.1679	336.7	62.89

#1	-.0005	.0008	.0996	.8126	2.041	.0190	.0007	3.036	-.0001	-.0019
#2	-.0004	.0005	.1025	.8410	2.024	.0186	.0008	3.037	-.0002	-.0016
#3	-.0007	.0004	.0965	.8955	2.010	.0179	.0009	3.045	.0008	-.0004

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0010	.0004	5.454	-.0009	.0611	.0005	.0002	-.0001	.0006
Stddev	.0009	.0012	.105	.0004	.0001	.0002	.0009	.0003	.0000
%RSD	92.40	275.8	1.923	48.91	.2022	42.61	462.7	241.2	4.618

#1	-.0013	-.0009	5.403	-.0010	.0610	.0006	-.0006	.0002	.0006
#2	-.0017	.0015	5.385	-.0004	.0612	.0002	-.0001	-.0001	.0006
#3	.0000	.0007	5.575	-.0013	.0610	.0006	.0012	-.0004	.0006

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4675.3	99343.	7636.7
Stddev	85.4	336.	55.4
%RSD	1.8267	.33782	.72488

#1	4730.5	98962.	7578.1
#2	4718.4	99595.	7644.1
#3	4576.9	99473.	7688.0

Sample Name: L1924827-01,S Acquired: 6/24/2019 18:04:32 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0003	.0448	.0034	.1507	.1047	-.0001	.0006	146.2	.0001	.0031
Stddev	.0005	.0068	.0019	.0027	.0008	.0000	.0007	.3	.0000	.0000
%RSD	168.6	15.24	55.08	1.820	.7500	11.47	120.0	.2333	83.41	.9172

#1	.0001	.0527	.0013	.1502	.1039	-.0002	-.0001	145.9	.0000	.0031
#2	-.0002	.0409	.0048	.1483	.1049	-.0001	.0005	146.2	.0001	.0031
#3	-.0009	.0408	.0043	.1537	.1054	-.0001	.0012	146.6	.0000	.0032

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	.0430	.2246	85.35	9.789	.0631	.0119	64.00	.0082	.0010
Stddev	.0003	.0001	.0016	.35	.033	.0004	.0002	.08	.0002	.0009
%RSD	23.33	.2117	.6962	.4114	.3393	.6468	1.507	.1265	2.926	88.78

#1	.0008	.0431	.2261	84.98	9.751	.0627	.0118	63.91	.0079	-.0000
#2	.0013	.0429	.2230	85.68	9.810	.0634	.0118	64.06	.0083	.0014
#3	.0013	.0429	.2249	85.39	9.807	.0634	.0121	64.03	.0084	.0017

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009	-.0015	6.181	-.0012	.5948	.0035	-.0001	.0085	.0242
Stddev	.0008	.0019	.107	.0008	.0013	.0004	.0010	.0004	.0004
%RSD	89.54	131.0	1.734	62.92	.2185	12.74	1260.	4.194	1.643

#1	.0001	-.0022	6.129	-.0006	.5934	.0032	-.0012	.0087	.0239
#2	.0010	-.0029	6.110	-.0010	.5950	.0040	.0004	.0087	.0240
#3	.0017	.0007	6.305	-.0020	.5960	.0033	.0006	.0081	.0246

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4458.8	95398.	7685.9
Stddev	69.6	446.	38.2
%RSD	1.5605	.46786	.49643

#1	4493.6	95889.	7729.0
#2	4504.0	95287.	7656.3
#3	4378.6	95017.	7672.5

Sample Name: L1924827-02,S Acquired: 6/24/2019 18:08:43 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0020	.0370	.0005	.0067	.0120	.0000	-.0016	7.318	.0001	.0024
Stddev	.0005	.0056	.0033	.0004	.0001	.0000	.0012	.060	.0000	.0001
%RSD	25.31	15.09	696.0	6.225	1.019	21.96	73.59	.8138	9.483	3.983

#1	-.0021	.0342	.0021	.0065	.0121	.0000	-.0026	7.369	.0001	.0024
#2	-.0023	.0434	-.0033	.0065	.0119	.0001	-.0019	7.332	.0001	.0023
#3	-.0014	.0334	.0026	.0072	.0119	.0000	-.0003	7.253	.0001	.0025

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0011	.0011	.3345	1.528	2.879	.0063	.0005	4.047	.0007	-.0008
Stddev	.0003	.0002	.0008	.022	.015	.0001	.0002	.007	.0003	.0020
%RSD	23.86	20.53	.2524	1.453	.5121	2.150	43.36	.1831	40.50	249.3

#1	-.0014	.0012	.3352	1.514	2.888	.0063	.0008	4.054	.0005	-.0021
#2	-.0009	.0008	.3347	1.554	2.888	.0061	.0005	4.049	.0006	-.0017
#3	-.0010	.0013	.3336	1.518	2.862	.0064	.0003	4.039	.0010	.0015

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0010	-.0029	8.577	-.0017	.0242	.0006	.0001	.0005	.0168
Stddev	.0009	.0037	.150	.0007	.0003	.0004	.0008	.0002	.0006
%RSD	84.67	126.7	1.752	41.41	1.127	70.38	597.6	42.41	3.553

#1	-.0020	-.0002	8.504	-.0017	.0244	.0001	-.0005	.0006	.0163
#2	-.0003	-.0014	8.478	-.0025	.0242	.0006	-.0002	.0003	.0167
#3	-.0009	-.0071	8.750	-.0011	.0239	.0009	.0010	.0007	.0174

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4689.7	99568.	7613.7
Stddev	77.4	280.	16.8
%RSD	1.6497	.28167	.22059

#1	4735.5	99634.	7624.2
#2	4733.1	99260.	7594.3
#3	4600.3	99810.	7622.5

Sample Name: L1924827-03,S Acquired: 6/24/2019 18:12:55 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0016	.0323	.0040	.0879	.1011	-.0001	.0019	92.72	-.0004	.0033
Stddev	.0005	.0017	.0018	.0017	.0003	.0000	.0014	.31	.0001	.0001
%RSD	31.88	5.196	45.34	1.904	.3052	17.63	75.38	.3357	15.65	2.871

#1	-.0011	.0342	.0022	.0869	.1013	-.0001	.0026	92.41	-.0004	.0032
#2	-.0021	.0317	.0059	.0869	.1012	-.0001	.0002	93.03	-.0005	.0033
#3	-.0017	.0311	.0041	.0898	.1007	-.0001	.0028	92.73	-.0004	.0033

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0025	24.16	26.68	17.57	2.190	.0027	86.15	.0023	.0010
Stddev	.0000	.0005	.11	.09	.15	.006	.0001	.28	.0003	.0016
%RSD	14.23	21.96	.4722	.3520	.8365	.2538	5.051	.3216	11.05	161.8

#1	.0001	.0021	24.04	26.64	17.40	2.184	.0027	85.85	.0020	.0027
#2	.0002	.0023	24.27	26.79	17.67	2.194	.0028	86.40	.0025	.0007
#3	.0001	.0031	24.18	26.61	17.62	2.192	.0026	86.20	.0024	-.0004

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0017	.0004	13.76	-.0012	.3508	.0017	-.0001	.0011	.0636
Stddev	.0013	.0021	.25	.0006	.0013	.0002	.0002	.0003	.0012
%RSD	76.57	494.5	1.847	45.05	.3749	13.79	325.3	25.67	1.849

#1	-.0031	-.0018	13.62	-.0015	.3494	.0019	.0001	.0014	.0630
#2	-.0018	.0025	13.61	-.0016	.3520	.0017	-.0002	.0012	.0629
#3	-.0004	.0006	14.06	-.0006	.3510	.0014	-.0000	.0008	.0650

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4490.0	95679.	7594.7
Stddev	64.1	456.	43.8
%RSD	1.4277	.47624	.57613

#1	4528.0	95624.	7641.9
#2	4526.0	95254.	7555.5
#3	4416.0	96160.	7586.8

Sample Name: L1924827-04,S Acquired: 6/24/2019 18:17:20 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0014	.0189	.0032	.2477	.6065	-.0001	.0036	135.3	-.0013	.0027
Stddev	.0002	.0085	.0025	.0041	.0012	.0000	.0004	.3	.0001	.0003
%RSD	15.50	44.94	79.11	1.659	.1937	9.770	12.04	.1939	4.771	10.18

#1	-.0014	.0202	.0050	.2444	.6057	-.0001	.0039	135.3	-.0014	.0029
#2	-.0016	.0099	.0003	.2463	.6079	-.0001	.0031	135.6	-.0013	.0024
#3	-.0012	.0268	.0042	.2523	.6060	-.0002	.0037	135.1	-.0012	.0029

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0021	62.26	124.3	32.73	.8811	.0006	91.66	.0066	.0010
Stddev	.0004	.0002	.13	.4	.21	.0011	.0001	.22	.0003	.0015
%RSD	177.9	8.932	.2021	.3014	.6487	.1292	16.64	.2415	3.937	160.1

#1	-.0001	.0021	62.38	124.3	32.97	.8798	.0007	91.65	.0063	.0024
#2	.0007	.0019	62.28	124.6	32.64	.8821	.0005	91.88	.0068	-.0006
#3	.0002	.0023	62.13	123.9	32.57	.8814	.0006	91.44	.0068	.0010

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	-.0045	14.43	-.0015	.5064	.0032	.0000	.0015	.0172
Stddev	.0010	.0012	.20	.0007	.0015	.0002	.0016	.0003	.0003
%RSD	157.6	26.54	1.357	47.10	.3016	7.572	5311.	22.69	1.718

#1	.0012	-.0045	14.30	-.0009	.5071	.0033	.0005	.0013	.0171
#2	.0012	-.0056	14.32	-.0013	.5075	.0029	.0014	.0013	.0169
#3	-.0005	-.0033	14.65	-.0022	.5047	.0034	-.0018	.0018	.0175

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4463.2	96059.	7718.2
Stddev	59.9	624.	27.3
%RSD	1.3430	.64945	.35401

#1	4506.4	95675.	7696.5
#2	4488.4	95724.	7709.4
#3	4394.7	96779.	7748.9

Sample Name: L1924827-05,S Acquired: 6/24/2019 18:21:28 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0018	.0125	.0063	.0544	.0700	.0000	.0015	57.38	-.0004	.0028
Stddev	.0003	.0042	.0027	.0016	.0004	.0000	.0019	.19	.0000	.0001
%RSD	18.54	33.45	42.55	2.911	.5354	150.3	127.3	.3292	10.13	2.349

#1	-.0020	.0172	.0089	.0543	.0700	.0000	.0030	57.47	-.0004	.0027
#2	-.0014	.0095	.0065	.0528	.0696	.0000	-.0006	57.16	-.0003	.0027
#3	-.0019	.0107	.0035	.0560	.0703	.0000	.0019	57.50	-.0004	.0028

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0017	17.74	17.81	12.03	1.440	.0037	97.94	.0007	-.0000
Stddev	.0003	.0002	.06	.03	.06	.004	.0002	.24	.0003	.0010
%RSD	185.6	13.52	.3323	.1942	.4937	.2956	5.257	.2438	39.10	5044.

#1	.0000	.0019	17.76	17.78	12.10	1.442	.0038	97.86	.0008	-.0003
#2	-.0005	.0015	17.67	17.85	12.00	1.435	.0035	97.76	.0004	-.0009
#3	.0000	.0018	17.79	17.81	11.99	1.442	.0039	98.21	.0008	.0011

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0017	.0041	11.18	-.0015	.2175	.0011	.0013	.0021	.0331
Stddev	.0018	.0017	.22	.0006	.0004	.0004	.0006	.0002	.0007
%RSD	109.0	42.07	1.952	38.86	.1757	35.48	47.09	10.30	2.228

#1	-.0013	.0059	11.07	-.0013	.2173	.0011	.0012	.0019	.0327
#2	-.0037	.0024	11.03	-.0022	.2173	.0015	.0007	.0023	.0327
#3	-.0001	.0041	11.43	-.0010	.2180	.0007	.0019	.0020	.0340

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4516.4	95983.	7526.7
Stddev	87.4	146.	36.5
%RSD	1.9361	.15193	.48505

#1	4561.3	96114.	7484.8
#2	4572.2	96009.	7543.9
#3	4415.6	95826.	7551.5

Sample Name: CCV Acquired: 6/24/2019 18:35:13 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4930	.4880	.5293	.5027	.4952	.5083	-.0014	.5257	.4904	.4879
Stddev	.0010	.0069	.0071	.0080	.0015	.0024	.0012	.0064	.0075	.0074
%RSD	.2056	1.420	1.343	1.595	.3127	.4664	83.93	1.221	1.536	1.525
#1	.4929	.4938	.5267	.4982	.4959	.5100	-.0026	.5195	.4861	.4836
#2	.4920	.4899	.5240	.4980	.4963	.5092	-.0014	.5323	.4861	.4836
#3	.4940	.4803	.5374	.5120	.4934	.5056	-.0002	.5252	.4991	.4965

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4973	.4870	F .5546	4.963	.5155	.4837	.4920	9.967	.5062	.5127
Stddev	.0009	.0004	.0038	.054	.0027	.0001	.0083	.022	.0072	.0075
%RSD	.1848	.0744	.6902	1.080	.5270	.0308	1.695	.2240	1.431	1.466
#1	.4969	.4871	.5584	5.011	.5130	.4835	.4866	9.960	.5017	.5090
#2	.4984	.4872	.5547	4.973	.5151	.4838	.4878	9.992	.5024	.5078
#3	.4967	.4865	.5508	4.905	.5184	.4837	.5016	9.949	.5146	.5213

Check ? Chk Pass Chk Pass Chk Fail Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5057	.5037	5.163	.4972	.4872	.4921	.4965	.5029	.5065
Stddev	.0102	.0074	.068	.0091	.0012	.0008	.0052	.0005	.0080
%RSD	2.017	1.474	1.315	1.837	.2482	.1724	1.038	.1080	1.584
#1	.4988	.5021	5.117	.4923	.4880	.4931	.4935	.5026	.5022
#2	.5008	.4972	5.132	.4917	.4878	.4917	.4935	.5035	.5016
#3	.5174	.5118	5.241	.5078	.4858	.4916	.5024	.5026	.5158

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4638.6	98249.	7577.3
Stddev	62.7	101.	2.0
%RSD	1.3527	.10306	.02667
#1	4676.5	98251.	7575.4
#2	4673.1	98349.	7579.4
#3	4566.1	98147.	7577.0

Sample Name: CCB Acquired: 6/24/2019 18:39:27 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	-.0020	.0025	-.0026	.0002	.0005	.0004	.0068	.0005	.0003
Stddev	.0001	.0058	.0014	.0003	.0002	.0000	.0004	.0078	.0000	.0003
%RSD	43.24	290.8	57.54	11.69	97.80	2.925	103.2	115.7	8.434	92.14

#1	.0004	-.0083	.0017	-.0028	-.0000	.0005	.0008	-.0020	.0005	.0005
#2	.0002	-.0008	.0016	-.0028	.0003	.0005	.0001	.0130	.0005	.0005
#3	.0004	.0031	.0041	-.0023	.0004	.0005	.0002	.0092	.0004	-.0000

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	.0001	.0083	.0132	.0010	.0010	.0021	.0432	.0011	-.0001
Stddev	.0003	.0006	.0024	.0203	.0011	.0003	.0007	.0118	.0004	.0008
%RSD	28.89	835.6	28.83	154.2	108.6	33.87	33.95	27.42	39.29	734.6

#1	.0007	-.0006	.0104	-.0086	.0019	.0007	.0027	.0566	.0013	-.0003
#2	.0013	.0003	.0089	.0315	.0013	.0010	.0022	.0342	.0006	-.0007
#3	.0011	.0005	.0057	.0166	-.0002	.0013	.0013	.0386	.0014	.0008

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043	.0031	.0088	.0015	.0006	.0009	.0004	.0001	.0006
Stddev	.0023	.0038	.0005	.0008	.0001	.0004	.0009	.0002	.0001
%RSD	54.55	123.7	5.800	53.44	11.30	41.20	237.5	205.1	17.53

#1	.0069	.0024	.0093	.0019	.0006	.0012	.0009	.0001	.0007
#2	.0034	-.0004	.0086	.0020	.0005	.0009	.0009	-.0001	.0005
#3	.0025	.0072	.0084	.0006	.0007	.0005	-.0007	.0003	.0007

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4623.9	98967.	7526.4
Stddev	47.5	725.	46.0
%RSD	1.0266	.73274	.61116

#1	4649.5	99631.	7477.5
#2	4653.1	98193.	7568.8
#3	4569.2	99077.	7532.9

Sample Name: CCV Acquired: 6/24/2019 18:48:41 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4812	.4891	.5164	.4873	.4853	.4931	-.0019	.4997	.4762	.4739
Stddev	.0009	.0058	.0034	.0011	.0009	.0026	.0003	.0056	.0028	.0022
%RSD	.1942	1.180	.6556	.2182	.1836	.5371	16.04	1.113	.5859	.4656

#1	.4822	.4953	.5132	.4863	.4864	.4919	-.0015	.4954	.4748	.4723
#2	.4804	.4840	.5199	.4870	.4850	.4913	-.0021	.4977	.4745	.4729
#3	.4810	.4879	.5161	.4884	.4847	.4962	-.0020	.5060	.4795	.4764

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4839	.4742	.4876	4.868	.4949	.4712	.4792	9.817	.4918	.4977
Stddev	.0004	.0007	.0032	.037	.0014	.0009	.0027	.019	.0024	.0041
%RSD	.0743	.1528	.6532	.7522	.2850	.1908	.5603	.1915	.4823	.8323

#1	.4835	.4742	.4851	4.831	.4948	.4702	.4772	9.832	.4909	.4960
#2	.4839	.4749	.4865	4.869	.4963	.4716	.4782	9.796	.4901	.4946
#3	.4842	.4734	.4912	4.904	.4934	.4719	.4823	9.824	.4945	.5024

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4911	.4868	5.042	.4864	.4800	.4824	.4823	.4895	.4918
Stddev	.0011	.0051	.010	.0033	.0008	.0004	.0026	.0008	.0032
%RSD	.2204	1.046	.1925	.6847	.1596	.0743	.5335	.1534	.6578

#1	.4918	.4869	5.035	.4843	.4795	.4825	.4822	.4900	.4900
#2	.4899	.4816	5.037	.4847	.4796	.4827	.4797	.4899	.4899
#3	.4916	.4918	5.053	.4903	.4809	.4820	.4849	.4887	.4956

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4688.8	99868.	7638.7
Stddev	41.7	247.	19.1
%RSD	.88958	.24751	.24966

#1	4713.5	99880.	7642.0
#2	4712.3	100110.	7655.9
#3	4640.6	99615.	7618.2

Sample Name: CCB Acquired: 6/24/2019 18:52:53 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	-.0015	.0035	-.0028	.0006	.0005	-.0013	-.0027	.0005	.0005
Stddev	.0001	.0037	.0016	.0006	.0001	.0000	.0007	.0076	.0000	.0001
%RSD	14.27	250.5	46.27	20.35	22.81	6.553	49.86	280.1	4.266	23.49
#1	.0006	.0009	.0053	-.0028	.0004	.0005	-.0015	-.0111	.0005	.0004
#2	.0005	-.0057	.0026	-.0033	.0007	.0005	-.0006	-.0010	.0005	.0006
#3	.0005	.0004	.0025	-.0022	.0006	.0005	-.0018	.0039	.0005	.0004

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009	-.0002	.0059	.0289	.0021	.0005	.0014	.0469	.0008	-.0003
Stddev	.0001	.0002	.0007	.0099	.0037	.0001	.0005	.0140	.0002	.0005
%RSD	14.45	97.22	12.36	34.44	178.3	24.32	37.33	29.86	27.75	161.6
#1	.0010	-.0002	.0056	.0207	.0052	.0007	.0021	.0310	.0010	.0002
#2	.0010	-.0003	.0054	.0399	.0030	.0004	.0012	.0572	.0008	-.0008
#3	.0008	.0000	.0068	.0260	-.0020	.0005	.0010	.0526	.0006	-.0003

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018	.0042	.0074	.0011	.0005	.0011	.0009	.0006	.0006
Stddev	.0008	.0005	.0009	.0005	.0002	.0002	.0006	.0002	.0002
%RSD	43.69	12.50	11.66	49.05	34.01	16.86	68.56	32.66	29.84
#1	.0025	.0046	.0064	.0014	.0005	.0010	.0011	.0008	.0008
#2	.0010	.0042	.0077	.0014	.0003	.0014	.0013	.0005	.0005
#3	.0019	.0036	.0080	.0005	.0006	.0010	.0002	.0004	.0005

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4638.9	100130.	7564.4
Stddev	50.6	117.	36.5
%RSD	1.0902	.11671	.48191
#1	4669.3	100010.	7601.1
#2	4666.9	100240.	7528.2
#3	4580.5	100130.	7564.1

Sample Name: WG1252360-1,T Acquired: 6/24/2019 18:57:10 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment: START

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0004	.0011	.0014	-.0038	.0000	.0000	-.0001	.0125	.0001	.0000
Stddev	.0003	.0056	.0016	.0001	.0000	.0000	.0012	.0011	.0000	.0001
%RSD	68.23	521.0	116.3	3.197	180.2	22.14	1677.	9.220	34.08	191.3

#1	-.0001	.0072	-.0000	-.0038	.0001	.0000	-.0009	.0118	.0000	-.0000
#2	-.0006	-.0039	.0031	-.0037	-.0000	.0001	.0013	.0118	.0001	.0001
#3	-.0004	-.0000	.0010	-.0039	-.0000	.0001	-.0006	.0138	.0001	.0000

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0007	-.0001	-.0030	.0493	-.0017	.0006	.0004	.1582	.0004	-.0016
Stddev	.0001	.0002	.0013	.0029	.0012	.0003	.0002	.0037	.0002	.0007
%RSD	17.47	156.5	43.25	5.828	70.54	47.90	55.48	2.344	45.96	43.17

#1	-.0006	-.0003	-.0021	.0480	-.0003	.0003	.0006	.1593	.0002	-.0020
#2	-.0008	-.0002	-.0024	.0472	-.0023	.0008	.0003	.1541	.0004	-.0008
#3	-.0007	.0001	-.0045	.0525	-.0025	.0007	.0002	.1612	.0006	-.0020

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0009	.0000	.0066	.0018	.0000	.0002	.0006	-.0005	.0007
Stddev	.0009	.0019	.0006	.0005	.0001	.0003	.0004	.0002	.0000
%RSD	106.6	4093.	8.648	28.00	442.5	116.0	77.27	31.45	2.846

#1	-.0013	.0005	.0061	.0023	-.0000	.0004	.0007	-.0005	.0007
#2	.0002	.0017	.0064	.0019	-.0000	-.0001	.0001	-.0003	.0007
#3	-.0015	-.0020	.0072	.0013	.0001	.0004	.0009	-.0007	.0006

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4669.6	100050.	7667.2
Stddev	62.2	175.	8.1
%RSD	1.3329	.17482	.10548

#1	4713.1	100240.	7664.8
#2	4697.3	100020.	7660.5
#3	4598.3	99891.	7676.2

Sample Name: WG1252121-1,T Acquired: 6/24/2019 19:01:26 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	-.0010	.0028	-.0038	.0000	.0000	.0004	.0102	.0001	.0001
Stddev	.0005	.0039	.0007	.0002	.0000	.0000	.0009	.0021	.0000	.0001
%RSD	439.6	392.0	24.28	4.405	398.3	33.88	229.5	20.95	35.61	63.77

#1	.0004	-.0030	.0024	-.0039	.0001	.0001	-.0006	.0116	.0001	.0000
#2	-.0002	-.0034	.0035	-.0036	-.0000	.0000	.0005	.0113	.0001	.0001
#3	-.0005	.0035	.0023	-.0039	-.0000	.0000	.0012	.0078	.0001	.0001

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0012	-.0003	-.0041	.0172	-.0007	-.0003	.0001	.0448	-.0003	-.0010
Stddev	.0003	.0001	.0011	.0188	.0008	.0003	.0002	.0091	.0001	.0010
%RSD	26.50	29.54	27.09	109.1	109.4	99.64	173.8	20.38	35.07	101.6

#1	-.0015	-.0002	-.0034	.0340	-.0014	.0000	.0004	.0465	-.0004	.0000
#2	-.0009	-.0004	-.0054	-.0030	-.0008	-.0005	.0001	.0529	-.0003	-.0020
#3	-.0013	-.0004	-.0035	.0206	.0001	-.0005	-.0001	.0349	-.0002	-.0011

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0022	.0001	.0131	-.0024	-.0000	.0000	-.0000	-.0001	.0001
Stddev	.0009	.0038	.0002	.0002	.0000	.0001	.0004	.0003	.0003
%RSD	40.31	5829.	1.755	10.27	40.33	260.9	2003.	231.9	553.0

#1	-.0018	-.0035	.0129	-.0023	-.0000	-.0000	.0004	-.0004	.0002
#2	-.0033	.0041	.0134	-.0027	-.0000	.0001	.0001	-.0002	.0003
#3	-.0016	-.0004	.0131	-.0022	-.0001	.0000	-.0005	.0002	-.0003

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4726.2	101220.	7724.5
Stddev	74.3	215.	38.4
%RSD	1.5727	.21253	.49751

#1	4778.3	100970.	7716.9
#2	4759.2	101370.	7766.2
#3	4641.1	101310.	7690.4

Sample Name: WG1252121-2,T Acquired: 6/24/2019 19:05:42 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0483	1.985	.1354	1.033	1.938	.0496	-.0025	9.668	.0536	.4894
Stddev	.0001	.009	.0034	.008	.003	.0003	.0008	.028	.0004	.0036
%RSD	.1424	.4460	2.529	.7544	.1304	.6190	32.54	.2916	.6629	.7319
#1	.0483	1.994	.1393	1.028	1.938	.0495	-.0029	9.663	.0534	.4875
#2	.0483	1.977	.1328	1.029	1.936	.0493	-.0015	9.698	.0534	.4872
#3	.0482	1.985	.1340	1.042	1.941	.0499	-.0029	9.642	.0540	.4935
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1927	.2311	1.001	9.903	9.963	.4712	.9385	9.819	.4914	.5321
Stddev	.0007	.0004	.005	.080	.070	.0022	.0112	.021	.0036	.0032
%RSD	.3708	.1705	.5171	.8033	.7075	.4760	1.196	.2102	.7362	.6073
#1	.1921	.2312	1.006	9.893	9.949	.4732	.9286	9.816	.4889	.5294
#2	.1926	.2314	.9954	9.828	9.900	.4688	.9363	9.801	.4897	.5313
#3	.1935	.2307	1.000	9.987	10.04	.4718	.9507	9.842	.4955	.5357
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.4519	.1336	.3623	.9416	.9508	.9601	.1207	.4960	.5232	
Stddev	.0153	.0040	.0017	.0125	.0025	.0005	.0005	.0013	.0041	
%RSD	3.388	2.970	.4598	1.330	.2610	.0506	.3858	.2563	.7845	
#1	.4363	.1293	.3613	.9315	.9513	.9596	.1212	.4954	.5203	
#2	.4525	.1372	.3613	.9377	.9482	.9603	.1203	.4951	.5215	
#3	.4669	.1341	.3642	.9556	.9530	.9605	.1205	.4975	.5279	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4667.3	99509.	7632.7							
Stddev	41.9	236.	41.9							
%RSD	.89730	.23675	.54934							
#1	4689.6	99349.	7638.0							
#2	4693.4	99779.	7671.8							
#3	4619.0	99398.	7588.4							

Sample Name: WG1252360-2,T Acquired: 6/24/2019 19:09:45 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2339	36.60	1.072	1.184	2.867	1.328	-.0097	32.94	.4075	1.330
Stddev	.0006	.06	.006	.004	.007	.009	.0011	.05	.0023	.005
%RSD	.2363	.1672	.5633	.2979	.2461	.6872	11.32	.1535	.5699	.3741
#1	.2345	36.53	1.074	1.182	2.861	1.319	-.0098	32.95	.4061	1.327
#2	.2336	36.62	1.065	1.182	2.865	1.337	-.0108	32.89	.4062	1.328
#3	.2335	36.65	1.076	1.188	2.875	1.329	-.0086	32.99	.4102	1.336
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6547	.4273	80.63	11.82	13.49	2.580	.7855	10.24	.7647	.8337
Stddev	.0011	.0007	.21	.08	.08	.006	.0022	.01	.0029	.0059
%RSD	.1614	.1628	.2547	.7187	.5794	.2330	.2853	.1436	.3764	.7098
#1	.6542	.4277	80.52	11.72	13.45	2.579	.7842	10.22	.7636	.8313
#2	.6539	.4277	80.51	11.84	13.58	2.574	.7842	10.25	.7625	.8294
#3	.6559	.4265	80.87	11.88	13.44	2.586	.7881	10.25	.7679	.8405
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	1.829	.5721	8.170	.7658	.6885	2.318	.8042	.5314	1.653	
Stddev	.005	.0021	.013	.0021	.0023	.007	.0051	.0009	.010	
%RSD	.2649	.3597	.1597	.2745	.3276	.3217	.6339	.1706	.6029	
#1	1.828	.5719	8.184	.7643	.6866	2.324	.8023	.5304	1.647	
#2	1.825	.5701	8.166	.7649	.6879	2.320	.8004	.5315	1.647	
#3	1.834	.5742	8.159	.7682	.6910	2.310	.8100	.5323	1.664	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4796.1	102340.	7940.0							
Stddev	34.3	245.	32.8							
%RSD	.71450	.23932	.41353							
#1	4823.1	102280.	7955.0							
#2	4807.6	102620.	7902.4							
#3	4757.6	102140.	7962.7							

Sample Name: L1924957-01,T Acquired: 6/24/2019 19:13:54 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0015	90.60	.0615	.3617	.4230	.0046	.0043	21.71	-.0020	.0498
Stddev	.0003	.12	.0037	.0019	.0008	.0001	.0009	.05	.0001	.0000
%RSD	18.06	.1364	5.938	.5370	.1902	2.543	21.72	.2091	3.258	.0690

#1	-.0015	90.48	.0650	.3622	.4221	.0045	.0032	21.71	-.0019	.0498
#2	-.0013	90.59	.0618	.3596	.4237	.0048	.0050	21.75	-.0020	.0498
#3	-.0018	90.72	.0577	.3634	.4233	.0046	.0046	21.66	-.0020	.0498

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0956	.1564	148.5	5.471	17.33	2.107	.0064	4.278	.0655	.2522
Stddev	.0001	.0003	.6	.034	.11	.002	.0004	.023	.0005	.0017
%RSD	.1407	.1668	.4053	.6238	.6136	.0893	6.013	.5407	.6987	.6798

#1	.0958	.1566	147.8	5.455	17.21	2.105	.0067	4.251	.0651	.2522
#2	.0955	.1561	148.9	5.510	17.38	2.107	.0065	4.293	.0656	.2505
#3	.0956	.1566	148.8	5.448	17.40	2.108	.0060	4.290	.0660	.2539

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110	-.0013	11.49	.0219	.1244	3.446	-.0004	.2412	.4034
Stddev	.0003	.0034	.11	.0010	.0006	.008	.0008	.0002	.0032
%RSD	2.672	251.6	.9320	4.410	.4876	.2244	192.2	.0766	.7964

#1	.0112	-.0001	11.58	.0223	.1238	3.449	-.0002	.2414	.4025
#2	.0106	.0012	11.53	.0208	.1246	3.438	.0003	.2412	.4007
#3	.0110	-.0051	11.37	.0226	.1249	3.452	-.0013	.2411	.4070

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5243.5	111520.	8756.0
Stddev	50.0	527.	35.1
%RSD	.95367	.47238	.40111

#1	5269.8	110950.	8794.7
#2	5274.8	111630.	8747.1
#3	5185.8	111980.	8726.1

Sample Name: L1925097-01,T Acquired: 6/24/2019 19:17:59 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0016	.1123	.0016	.0549	.0256	.0000	-.0006	51.57	.0000	.0003
Stddev	.0001	.0139	.0005	.0002	.0002	.0000	.0012	.08	.0000	.0000
%RSD	5.639	12.37	27.46	.2833	.9664	36.27	197.9	.1599	89.09	12.03

#1	-.0015	.1182	.0022	.0550	.0258	.0000	-.0009	51.59	.0000	.0002
#2	-.0016	.0965	.0015	.0550	.0254	.0000	-.0016	51.64	.0001	.0003
#3	-.0017	.1223	.0013	.0547	.0258	.0000	.0007	51.48	.0000	.0003

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022	.0043	.1390	2.739	13.61	.0081	.0062	160.9	.0020	.0007
Stddev	.0003	.0001	.0157	.026	.13	.0004	.0002	1.5	.0001	.0006
%RSD	13.17	1.636	11.28	.9442	.9344	4.934	3.736	.9274	3.583	84.94

#1	.0025	.0042	.1566	2.760	13.50	.0083	.0065	159.2	.0020	.0008
#2	.0020	.0043	.1266	2.747	13.75	.0076	.0060	161.8	.0021	.0013
#3	.0021	.0042	.1337	2.710	13.57	.0083	.0062	161.7	.0021	.0001

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0022	-.0013	2.808	-.0012	.4492	.0034	.0006	.0024	.0135
Stddev	.0008	.0010	.018	.0005	.0017	.0004	.0004	.0003	.0001
%RSD	36.74	72.26	.6290	41.80	.3716	10.54	75.13	13.90	.9297

#1	-.0026	-.0008	2.800	-.0006	.4493	.0038	.0001	.0026	.0136
#2	-.0027	-.0025	2.796	-.0013	.4508	.0032	.0005	.0020	.0134
#3	-.0013	-.0008	2.829	-.0016	.4475	.0031	.0010	.0025	.0134

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4478.0	95255.	7468.8
Stddev	54.3	38.	55.3
%RSD	1.2129	.04035	.74040

#1	4512.7	95225.	7513.5
#2	4505.8	95241.	7407.0
#3	4415.4	95298.	7486.0

Sample Name: WG1252121-3,T Acquired: 6/24/2019 19:22:19 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0480	2.033	.1370	1.095	1.936	.0485	-.0016	61.60	.0523	.4752
Stddev	.0002	.007	.0003	.003	.002	.0003	.0014	.05	.0003	.0021
%RSD	.4166	.3544	.2420	.2816	.0866	.5673	89.17	.0865	.6393	.4457

#1	.0479	2.039	.1374	1.094	1.935	.0488	-.0020	61.56	.0521	.4743
#2	.0478	2.025	.1369	1.093	1.935	.0484	-.0028	61.66	.0521	.4737
#3	.0482	2.036	.1368	1.099	1.938	.0483	-.0000	61.57	.0527	.4776

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1934	.2337	1.081	12.61	22.91	.4699	.9505	170.3	.4773	.5103
Stddev	.0007	.0003	.001	.03	.08	.0003	.0059	2.5	.0019	.0015
%RSD	.3778	.1398	.0800	.2505	.3614	.0700	.6253	1.488	.4050	.2903

#1	.1926	.2338	1.080	12.59	23.01	.4703	.9455	173.0	.4757	.5108
#2	.1938	.2340	1.080	12.65	22.85	.4698	.9489	168.1	.4768	.5086
#3	.1939	.2334	1.082	12.59	22.88	.4696	.9571	169.7	.4795	.5115

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4701	.1310	3.220	.9337	1.397	.9656	.1116	.5013	.5308
Stddev	.0109	.0021	.008	.0093	.002	.0016	.0018	.0004	.0040
%RSD	2.326	1.632	.2504	.9973	.1293	.1662	1.586	.0713	.7461

#1	.4584	.1307	3.215	.9250	1.399	.9673	.1112	.5009	.5289
#2	.4720	.1290	3.215	.9327	1.396	.9654	.1100	.5016	.5281
#3	.4800	.1333	3.229	.9435	1.395	.9641	.1135	.5014	.5353

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4434.6	94130.	7447.2
Stddev	40.2	520.	16.5
%RSD	.90706	.55192	.22212

#1	4456.9	94729.	7433.3
#2	4458.8	93846.	7465.5
#3	4388.2	93814.	7442.7

Sample Name: WG1252121-4,T Acquired: 6/24/2019 19:26:30 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0821	.0009	.0551	.0258	-.0000	-.0014	50.78	.0001	.0005
Stddev	.0002	.0041	.0007	.0007	.0004	.0000	.0004	.04	.0000	.0002
%RSD	1054.	5.028	79.58	1.246	1.712	23.28	28.85	.0811	19.68	41.33

#1	.0003	.0844	.0009	.0549	.0262	-.0000	-.0010	50.80	.0001	.0007
#2	-.0001	.0845	.0002	.0546	.0253	-.0000	-.0017	50.81	.0001	.0004
#3	-.0001	.0773	.0017	.0559	.0257	-.0000	-.0016	50.73	.0001	.0004

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019	.0042	.0754	2.708	13.31	.0075	.0095	159.0	.0021	.0009
Stddev	.0004	.0004	.0029	.013	.06	.0004	.0008	1.2	.0002	.0012
%RSD	19.57	8.330	3.854	.4864	.4431	4.743	8.613	.7351	9.955	124.3

#1	.0017	.0040	.0783	2.693	13.30	.0076	.0104	159.6	.0023	-.0004
#2	.0016	.0041	.0755	2.717	13.37	.0071	.0093	159.6	.0019	.0018
#3	.0023	.0046	.0725	2.714	13.26	.0078	.0088	157.6	.0020	.0013

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072	.0002	2.759	.0040	.4438	.0024	.0006	.0023	.0130
Stddev	.0013	.0012	.021	.0016	.0007	.0002	.0008	.0003	.0002
%RSD	17.38	592.2	.7471	38.81	.1666	6.843	144.1	14.58	1.735

#1	.0082	.0010	2.749	.0057	.4447	.0023	-.0003	.0026	.0132
#2	.0077	.0008	2.745	.0026	.4435	.0026	.0008	.0023	.0128
#3	.0058	-.0012	2.783	.0038	.4433	.0023	.0012	.0019	.0131

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4503.0	95361.	7521.2
Stddev	62.5	174.	48.3
%RSD	1.3874	.18231	.64155

#1	4537.5	95243.	7499.7
#2	4540.7	95561.	7487.4
#3	4430.9	95279.	7576.5

Sample Name: WG1252121-5,T Acquired: 6/24/2019 19:30:51 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035	2.090	.1371	1.095	2.006	.0495	-.0026	60.00	.0521	.4743
Stddev	.0006	.051	.0033	.016	.048	.0002	.0018	.17	.0009	.0085
%RSD	16.26	2.432	2.410	1.454	2.379	.4118	71.48	.2753	1.689	1.789
#1	.0040	2.142	.1409	1.110	2.049	.0493	-.0017	60.11	.0530	.4828
#2	.0029	2.089	.1350	1.096	2.014	.0495	-.0047	60.08	.0519	.4742
#3	.0037	2.040	.1354	1.078	1.954	.0497	-.0013	59.81	.0512	.4658
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1950	.2359	1.120	12.96	22.82	.4865	.9573	164.5	.4758	.5093
Stddev	.0003	.0007	.026	.28	.01	.0124	.0127	1.5	.0080	.0114
%RSD	.1314	.2856	2.351	2.156	.0490	2.544	1.322	.9022	1.675	2.230
#1	.1948	.2355	1.144	13.20	22.81	.4981	.9693	164.5	.4842	.5206
#2	.1950	.2356	1.123	13.02	22.83	.4878	.9585	166.0	.4751	.5094
#3	.1953	.2367	1.092	12.66	22.82	.4735	.9441	163.1	.4683	.4979
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.4697	.1342	2.880	.9374	1.427	.9856	.1125	.5076	.5288	
Stddev	.0036	.0048	.004	.0135	.025	.0014	.0022	.0015	.0087	
%RSD	.7600	3.587	.1535	1.444	1.754	.1402	1.936	.3053	1.636	
#1	.4656	.1388	2.885	.9504	1.449	.9844	.1147	.5075	.5378	
#2	.4715	.1346	2.876	.9384	1.433	.9854	.1124	.5061	.5281	
#3	.4721	.1292	2.880	.9234	1.400	.9871	.1103	.5092	.5206	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4491.2	94788.	7438.2							
Stddev	21.9	350.	28.5							
%RSD	.48671	.36950	.38304							
#1	4501.5	94761.	7451.5							
#2	4506.0	94452.	7405.5							
#3	4466.1	95151.	7457.6							

Sample Name: WG1252121-6,T,5 Acquired: 6/24/2019 19:35:02 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0226	.0020	.0088	.0050	.0000	.0010	9.999	.0000	-.0001
Stddev	.0005	.0066	.0012	.0004	.0002	.0000	.0005	.038	.0001	.0001
%RSD	300.2	29.05	62.13	4.958	3.651	54.91	50.73	.3755	130.2	193.8
#1	.0007	.0227	.0022	.0090	.0048	.0000	.0015	9.969	.0001	-.0001
#2	-.0003	.0291	.0007	.0090	.0051	.0000	.0005	9.987	.0001	.0001
#3	.0001	.0160	.0032	.0083	.0051	.0000	.0009	10.04	-.0000	-.0002
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009	.0007	.0169	.5071	2.738	.0017	.0064	31.38	.0009	-.0004
Stddev	.0003	.0005	.0043	.0472	.007	.0003	.0012	.19	.0001	.0016
%RSD	34.37	69.06	25.42	9.312	.2590	19.02	18.02	.5934	12.86	443.4
#1	.0009	.0012	.0120	.4971	2.736	.0019	.0077	31.17	.0008	-.0016
#2	.0013	.0006	.0199	.5585	2.745	.0019	.0060	31.47	.0010	-.0009
#3	.0006	.0003	.0188	.4657	2.731	.0013	.0055	31.50	.0009	.0014
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0125	-.0005	.5459	.0067	.0884	.0018	.0003	.0002	.0029	
Stddev	.0023	.0015	.0052	.0014	.0002	.0001	.0003	.0002	.0001	
%RSD	18.71	289.6	.9588	20.90	.2647	8.183	95.58	109.0	4.984	
#1	.0149	.0010	.5400	.0081	.0882	.0019	.0006	.0003	.0028	
#2	.0124	-.0019	.5474	.0067	.0886	.0018	.0000	.0003	.0028	
#3	.0103	-.0006	.5502	.0053	.0885	.0016	.0002	-.0000	.0031	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4577.0	97604.	7456.8							
Stddev	46.0	442.	9.0							
%RSD	1.0058	.45290	.12132							
#1	4603.3	97219.	7465.3							
#2	4604.0	98087.	7447.3							
#3	4523.9	97507.	7457.8							

Sample Name: CCV Acquired: 6/24/2019 19:39:14 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4753	.4860	.5119	.4819	.4812	.4955	-.0025	.4856	.4728	.4705
Stddev	.0015	.0119	.0016	.0018	.0014	.0027	.0017	.0092	.0024	.0020
%RSD	.3240	2.454	.3092	.3832	.2894	.5485	69.82	1.894	.5132	.4160

#1	.4747	.4984	.5112	.4803	.4824	.4958	-.0012	.4847	.4713	.4692
#2	.4771	.4746	.5107	.4815	.4815	.4926	-.0018	.4952	.4715	.4697
#3	.4742	.4850	.5137	.4839	.4797	.4980	-.0045	.4769	.4756	.4728

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4809	.4675	.4871	4.807	.4968	.4679	.4756	9.804	.4869	.4941
Stddev	.0007	.0016	.0045	.024	.0032	.0019	.0020	.022	.0026	.0021
%RSD	.1354	.3383	.9288	.5034	.6493	.4151	.4295	.2276	.5379	.4348

#1	.4812	.4668	.4832	4.807	.4957	.4696	.4740	9.825	.4844	.4944
#2	.4814	.4693	.4860	4.782	.4943	.4683	.4750	9.807	.4865	.4919
#3	.4802	.4664	.4921	4.831	.5005	.4658	.4779	9.781	.4896	.4961

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4894	.4832	4.990	.4867	.4786	.4777	.4764	.4845	.4883
Stddev	.0025	.0015	.018	.0017	.0003	.0006	.0037	.0018	.0025
%RSD	.5039	.3032	.3533	.3582	.0587	.1241	.7836	.3801	.5169

#1	.4868	.4843	4.971	.4858	.4783	.4770	.4731	.4831	.4872
#2	.4896	.4815	4.993	.4855	.4786	.4780	.4756	.4866	.4865
#3	.4917	.4838	5.006	.4887	.4789	.4780	.4805	.4839	.4912

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4676.4	99191.	7546.4
Stddev	34.6	345.	39.4
%RSD	.73932	.34731	.52269

#1	4700.1	99348.	7526.5
#2	4692.5	98796.	7591.8
#3	4636.8	99430.	7520.9

Sample Name: CCB Acquired: 6/24/2019 19:43:27 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	-.0021	.0010	-.0025	.0004	.0004	.0004	-.0018	.0004	.0003
Stddev	.0001	.0059	.0025	.0005	.0003	.0001	.0007	.0108	.0000	.0001
%RSD	10.43	276.9	249.4	21.73	76.99	13.66	164.5	589.2	5.592	32.46
#1	.0006	-.0035	-.0000	-.0019	.0000	.0005	.0000	-.0082	.0004	.0005
#2	.0007	.0043	.0038	-.0026	.0006	.0004	.0012	.0106	.0003	.0002
#3	.0008	-.0073	-.0008	-.0030	.0006	.0004	.0000	-.0078	.0004	.0003

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0004	.0012	-.0480	.0034	.0003	.0019	.0494	.0006	-.0001
Stddev	.0003	.0005	.0015	.0536	.0022	.0001	.0003	.0030	.0002	.0004
%RSD	89.62	122.7	128.3	111.7	64.82	33.94	13.18	6.143	28.96	547.8
#1	.0006	.0003	.0027	-.0983	.0008	.0004	.0022	.0461	.0008	.0004
#2	.0003	-.0001	.0013	-.0542	.0047	.0003	.0020	.0521	.0004	-.0005
#3	.0000	.0009	-.0004	.0084	.0045	.0003	.0017	.0501	.0007	-.0001

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034	.0001	.0083	.0015	.0004	.0009	.0005	-.0001	.0004
Stddev	.0002	.0011	.0019	.0002	.0001	.0005	.0003	.0006	.0002
%RSD	4.979	2105.	22.33	12.20	25.19	50.87	69.58	514.8	42.01
#1	.0033	.0008	.0095	.0015	.0004	.0004	.0004	-.0003	.0004
#2	.0036	.0006	.0093	.0013	.0005	.0013	.0009	-.0006	.0003
#3	.0033	-.0012	.0062	.0016	.0004	.0011	.0002	.0005	.0007

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4637.6	98644.	7477.0
Stddev	56.6	467.	52.4
%RSD	1.2202	.47317	.70041
#1	4663.2	98704.	7431.2
#2	4676.8	99077.	7534.1
#3	4572.7	98150.	7465.6

Sample Name: WG1251669-1,T Acquired: 6/24/2019 19:47:42 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	.0033	.0028	-.0027	-.0002	.0001	.0007	.0007	.0001	.0001
Stddev	.0006	.0018	.0036	.0007	.0003	.0000	.0007	.0020	.0000	.0001
%RSD	2042.	55.70	130.2	24.51	167.6	30.04	107.1	276.4	40.99	93.77

#1	.0000	.0030	-.0007	-.0030	-.0005	.0001	.0004	.0031	.0002	.0000
#2	-.0007	.0016	.0025	-.0032	.0001	.0001	.0002	-.0004	.0001	.0001
#3	.0005	.0052	.0065	-.0020	-.0001	.0001	.0014	-.0005	.0001	.0002

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0010	-.0005	-.0038	.0451	-.0031	.0002	.0008	.2255	.0001	-.0015
Stddev	.0002	.0004	.0013	.0396	.0017	.0001	.0001	.0070	.0003	.0010
%RSD	16.23	65.91	35.48	87.77	54.22	39.13	12.29	3.091	347.7	65.59

#1	-.0012	-.0004	-.0039	.0309	-.0030	.0003	.0009	.2236	-.0002	-.0005
#2	-.0009	-.0010	-.0051	.0898	-.0015	.0001	.0008	.2332	.0000	-.0016
#3	-.0010	-.0003	-.0024	.0146	-.0049	.0001	.0007	.2197	.0004	-.0025

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022	.0017	.0163	.0047	-.0001	.0004	-.0006	-.0002	.0003
Stddev	.0003	.0022	.0004	.0014	.0000	.0003	.0010	.0002	.0001
%RSD	14.43	124.6	2.483	29.54	32.23	76.37	162.3	109.4	44.15

#1	.0019	.0006	.0164	.0062	-.0001	.0004	-.0007	-.0000	.0004
#2	.0020	.0004	.0167	.0044	-.0000	.0001	.0004	-.0001	.0003
#3	.0025	.0042	.0159	.0034	-.0001	.0007	-.0017	-.0004	.0002

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4623.2	98981.	7479.5
Stddev	42.5	181.	25.6
%RSD	.92035	.18265	.34186

#1	4643.0	99109.	7494.6
#2	4652.2	99059.	7494.0
#3	4574.3	98774.	7450.0

Sample Name: WG1251669-2,T Acquired: 6/24/2019 19:51:57 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2201	37.36	1.017	1.119	2.671	1.259	-.0092	30.92	.3749	1.248
Stddev	.0005	.16	.007	.006	.013	.011	.0002	.14	.0025	.007
%RSD	.2460	.4284	.6871	.5329	.4947	.9050	1.735	.4606	.6738	.6039
#1	.2206	37.53	1.019	1.116	2.686	1.272	-.0093	31.08	.3728	1.242
#2	.2202	37.33	1.009	1.115	2.668	1.255	-.0091	30.89	.3742	1.244
#3	.2195	37.22	1.022	1.126	2.660	1.251	-.0094	30.80	.3777	1.256
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6362	.4174	79.81	11.79	13.40	2.437	.7437	10.64	.7211	.8079
Stddev	.0022	.0012	.45	.09	.11	.006	.0040	.03	.0043	.0065
%RSD	.3431	.2982	.5699	.7441	.8221	.2658	.5352	.2925	.6020	.8067
#1	.6359	.4177	80.33	11.88	13.53	2.444	.7404	10.68	.7182	.8054
#2	.6386	.4184	79.56	11.78	13.33	2.433	.7427	10.63	.7190	.8031
#3	.6343	.4160	79.53	11.71	13.36	2.433	.7481	10.62	.7261	.8153
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	1.596	.5423	9.971	.7156	.6522	2.214	.7340	.5169	1.569	
Stddev	.006	.0016	.050	.0046	.0040	.001	.0033	.0022	.010	
%RSD	.3867	.2901	.5018	.6381	.6127	.0603	.4430	.4244	.6551	
#1	1.593	.5409	9.941	.7110	.6568	2.216	.7308	.5179	1.561	
#2	1.592	.5419	9.943	.7156	.6506	2.213	.7339	.5185	1.565	
#3	1.603	.5440	10.03	.7201	.6493	2.214	.7373	.5144	1.580	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4780.0	101190.	7881.1							
Stddev	35.5	408.	67.5							
%RSD	.74321	.40292	.85596							
#1	4804.5	101030.	7803.5							
#2	4796.3	100890.	7926.3							
#3	4739.3	101660.	7913.4							

Sample Name: WG1251669-3,T Acquired: 6/24/2019 19:56:06 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2176	36.49	.9957	1.040	2.607	1.157	-.0109	30.99	.3405	1.195
Stddev	.0003	.04	.0047	.005	.001	.010	.0007	.07	.0022	.007
%RSD	.1285	.1181	.4707	.4679	.0522	.8730	6.175	.2301	.6557	.5599

#1	.2173	36.49	.9914	1.039	2.608	1.146	-.0109	31.07	.3396	1.193
#2	.2178	36.54	.9951	1.035	2.606	1.158	-.0102	30.93	.3390	1.190
#3	.2178	36.45	1.001	1.045	2.609	1.166	-.0115	30.96	.3431	1.203

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6200	.4006	81.08	11.65	13.27	2.329	.7082	10.52	.6846	.7938
Stddev	.0001	.0011	.07	.04	.14	.006	.0059	.01	.0044	.0047
%RSD	.0102	.2865	.0899	.3114	1.047	.2493	.8387	.1393	.6393	.5970

#1	.6199	.3993	81.16	11.66	13.11	2.336	.7060	10.50	.6833	.7947
#2	.6200	.4016	81.03	11.60	13.37	2.324	.7036	10.53	.6811	.7887
#3	.6199	.4008	81.05	11.67	13.33	2.328	.7149	10.52	.6895	.7981

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.547	.5227	10.08	.7082	.6261	2.274	.6932	.5082	1.540
Stddev	.007	.0013	.06	.0037	.0002	.002	.0033	.0003	.011
%RSD	.4462	.2576	.5977	.5279	.0296	.1036	.4708	.0606	.7076

#1	1.545	.5226	10.05	.7077	.6262	2.271	.6923	.5085	1.536
#2	1.541	.5215	10.03	.7048	.6259	2.275	.6905	.5081	1.533
#3	1.555	.5242	10.15	.7122	.6262	2.275	.6969	.5079	1.553

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4776.6	101410.	7830.9
Stddev	36.5	334.	52.3
%RSD	.76496	.32970	.66762

#1	4794.0	101030.	7888.5
#2	4801.2	101650.	7786.4
#3	4734.6	101550.	7817.9

Sample Name: L1925097-02,T Acquired: 6/24/2019 20:00:16 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0681	.0012	.1050	.0322	.0003	-.0008	92.36	.0001	.0008
Stddev	.0002	.0059	.0007	.0013	.0002	.0000	.0007	.17	.0000	.0001
%RSD	221.0	8.608	57.56	1.222	.5169	5.664	85.02	.1818	13.27	8.717

#1	-.0003	.0622	.0005	.1062	.0323	.0003	-.0014	92.33	.0001	.0007
#2	-.0001	.0739	.0019	.1036	.0323	.0003	-.0001	92.54	.0001	.0008
#3	.0001	.0681	.0013	.1052	.0320	.0003	-.0008	92.20	.0002	.0007

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	.0052	.0771	4.386	28.50	.0036	.0074	407.4	.0032	.0011
Stddev	.0003	.0008	.0051	.038	.19	.0002	.0004	1.3	.0005	.0002
%RSD	18.38	15.96	6.651	.8582	.6557	5.287	5.715	.3194	14.37	17.44

#1	.0014	.0047	.0763	4.365	28.36	.0034	.0079	407.1	.0028	.0012
#2	.0012	.0047	.0724	4.363	28.71	.0038	.0072	406.3	.0031	.0012
#3	.0017	.0061	.0826	4.429	28.44	.0037	.0071	408.8	.0037	.0008

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0046	4.187	-.0022	1.073	.0027	.0004	.0013	.0100
Stddev	.0014	.0011	.015	.0008	.003	.0000	.0014	.0005	.0001
%RSD	837.8	23.42	.3652	35.97	.3177	1.134	373.9	36.42	.8339

#1	.0007	.0044	4.188	-.0013	1.071	.0027	-.0009	.0014	.0101
#2	.0013	.0036	4.171	-.0028	1.077	.0027	.0020	.0008	.0099
#3	-.0015	.0058	4.202	-.0025	1.072	.0027	.0000	.0018	.0100

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4403.3	92561.	7451.5
Stddev	48.0	327.	34.5
%RSD	1.0899	.35369	.46242

#1	4430.0	92806.	7487.2
#2	4432.0	92689.	7418.4
#3	4347.9	92189.	7449.0

Sample Name: L1925193-01,T Acquired: 6/24/2019 20:04:37 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	.0346	.0043	.0491	.0331	.0001	-.0002	21.55	.0001	.0001
Stddev	.0006	.0048	.0018	.0005	.0003	.0000	.0016	.03	.0000	.0000
%RSD	78.00	13.86	41.80	1.113	1.006	22.50	697.1	.1518	17.74	75.96
#1	.0014	.0345	.0037	.0495	.0327	.0001	.0007	21.51	.0001	.0001
#2	.0002	.0395	.0063	.0485	.0333	.0001	-.0021	21.58	.0001	.0001
#3	.0007	.0299	.0028	.0493	.0333	.0001	.0007	21.54	.0001	.0000
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0006	-.0002	.0189	3.464	3.079	.6152	.0008	17.48	-.0002	-.0007
Stddev	.0004	.0004	.0027	.028	.012	.0010	.0001	.06	.0002	.0013
%RSD	61.84	189.2	14.45	.8141	.4015	.1582	14.15	.3691	101.4	188.0
#1	-.0003	.0001	.0183	3.495	3.067	.6157	.0007	17.42	-.0004	-.0002
#2	-.0006	-.0001	.0164	3.458	3.092	.6158	.0009	17.55	-.0002	-.0022
#3	-.0011	-.0006	.0218	3.440	3.077	.6140	.0008	17.48	.0000	.0003
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.0020	.0015	7.948	-.0022	.1721	.0007	.0003	-.0001	.0012	
Stddev	.0009	.0022	.022	.0006	.0005	.0004	.0008	.0002	.0001	
%RSD	43.77	151.4	.2713	28.98	.2960	59.55	245.6	159.2	7.336	
#1	-.0030	.0023	7.936	-.0029	.1717	.0003	-.0003	-.0003	.0011	
#2	-.0012	.0032	7.936	-.0018	.1726	.0007	.0012	.0001	.0013	
#3	-.0019	-.0011	7.973	-.0019	.1719	.0011	.0001	-.0002	.0011	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4719.5	100410.	7753.1							
Stddev	58.8	319.	43.2							
%RSD	1.2456	.31737	.55737							
#1	4758.0	100120.	7791.4							
#2	4748.7	100370.	7706.3							
#3	4651.8	100750.	7761.7							

Sample Name: L1923662-05,T Acquired: 6/24/2019 20:08:50 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0013	22.91	.1354	.2813	.0397	.0015	.0119	24.78	-.0021	.0156
Stddev	.0012	.10	.0019	.0009	.0002	.0000	.0012	.13	.0002	.0001
%RSD	91.50	.4321	1.404	.3275	.6057	1.210	10.22	.5357	8.649	.7620

#1	-.0022	23.00	.1356	.2816	.0399	.0015	.0130	24.87	-.0023	.0155
#2	.0000	22.93	.1371	.2803	.0395	.0015	.0120	24.83	-.0021	.0157
#3	-.0016	22.80	.1333	.2821	.0395	.0015	.0106	24.63	-.0019	.0157

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0633	.4063	197.8	10.76	26.60	.5164	.0565	132.1	.0370	.1991
Stddev	.0005	.0015	1.7	.06	.17	.0027	.0001	.7	.0001	.0010
%RSD	.7887	.3604	.8611	.5228	.6353	.5211	.2010	.5445	.2724	.5139

#1	.0635	.4080	199.5	10.82	26.75	.5184	.0564	132.7	.0371	.1989
#2	.0628	.4055	197.9	10.75	26.63	.5176	.0566	132.1	.0370	.1982
#3	.0638	.4055	196.1	10.71	26.42	.5134	.0564	131.3	.0369	.2002

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094	.0043	5.933	.0137	.3197	.8130	.0011	.1684	.4607
Stddev	.0004	.0005	.013	.0003	.0023	.0032	.0006	.0007	.0029
%RSD	4.695	12.31	.2206	2.285	.7267	.3980	49.91	.4249	.6283

#1	.0099	.0043	5.918	.0136	.3222	.8168	.0018	.1692	.4605
#2	.0092	.0048	5.939	.0136	.3192	.8112	.0008	.1682	.4580
#3	.0091	.0037	5.942	.0141	.3176	.8112	.0008	.1678	.4637

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4612.6	99005.	7785.2
Stddev	38.9	542.	43.7
%RSD	.84234	.54703	.56158

#1	4634.7	98379.	7744.1
#2	4635.4	99310.	7780.2
#3	4567.8	99325.	7831.2

Sample Name: L1923662-06,T Acquired: 6/24/2019 20:12:55 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0007	25.35	.1187	.2929	.0434	.0016	.0092	15.16	-.0012	.0174
Stddev	.0004	.02	.0009	.0009	.0003	.0000	.0011	.02	.0001	.0002
%RSD	51.23	.0613	.7214	.2906	.6252	.6264	12.38	.1075	7.360	1.261

#1	-.0009	25.35	.1191	.2922	.0431	.0016	.0093	15.18	-.0012	.0175
#2	-.0003	25.37	.1177	.2927	.0434	.0016	.0081	15.14	-.0013	.0172
#3	-.0009	25.33	.1193	.2938	.0436	.0016	.0103	15.16	-.0011	.0176

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0728	.3713	184.0	11.52	28.45	.4814	.0607	139.8	.0380	.2176
Stddev	.0002	.0004	.4	.05	.02	.0012	.0005	.6	.0006	.0012
%RSD	.3064	.1017	.2350	.4167	.0678	.2471	.8212	.4234	1.477	.5616

#1	.0730	.3711	183.6	11.47	28.44	.4814	.0607	139.4	.0378	.2190
#2	.0725	.3717	184.4	11.56	28.47	.4803	.0601	140.5	.0376	.2166
#3	.0728	.3710	183.8	11.54	28.43	.4826	.0611	139.6	.0387	.2173

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092	.0025	6.219	.0120	.2722	.9861	.0021	.1684	.4703
Stddev	.0006	.0019	.020	.0003	.0005	.0009	.0006	.0001	.0033
%RSD	6.470	77.95	.3242	2.436	.1959	.0879	26.46	.0396	.6949

#1	.0089	.0023	6.234	.0121	.2716	.9870	.0026	.1684	.4684
#2	.0099	.0044	6.196	.0117	.2727	.9853	.0015	.1684	.4684
#3	.0089	.0006	6.227	.0122	.2721	.9859	.0023	.1683	.4741

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4644.6	98974.	7789.0
Stddev	41.9	181.	6.9
%RSD	.90263	.18310	.08836

#1	4663.4	98779.	7796.5
#2	4673.9	99137.	7787.3
#3	4596.6	99005.	7783.0

Sample Name: L1923662-07,T Acquired: 6/24/2019 20:17:05 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0014	56.80	.1159	.4470	.1089	.0043	.0089	22.24	-.0005	.0317
Stddev	.0000	.08	.0005	.0012	.0004	.0000	.0015	.09	.0002	.0002
%RSD	2.533	.1436	.3966	.2794	.3728	.3828	17.42	.4201	34.91	.7384
#1	-.0014	56.83	.1158	.4476	.1085	.0043	.0100	22.33	-.0007	.0317
#2	-.0014	56.71	.1163	.4455	.1092	.0043	.0096	22.14	-.0004	.0315
#3	-.0014	56.87	.1154	.4477	.1090	.0043	.0071	22.24	-.0004	.0319
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1373	.2644	171.7	17.47	40.84	.7057	.0587	143.8	.0751	.5597
Stddev	.0007	.0014	1.1	.06	.22	.0014	.0004	1.5	.0003	.0012
%RSD	.5066	.5443	.6401	.3429	.5501	.2008	.6379	1.022	.3667	.2204
#1	.1381	.2636	172.9	17.48	41.07	.7068	.0590	145.2	.0751	.5593
#2	.1368	.2636	170.8	17.40	40.63	.7041	.0583	144.0	.0748	.5587
#3	.1369	.2661	171.5	17.52	40.81	.7062	.0588	142.2	.0753	.5610
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0078	.0057	3.815	.0183	.5132	1.672	.0013	.4042	.5275	
Stddev	.0011	.0022	.015	.0001	.0021	.001	.0016	.0013	.0024	
%RSD	13.85	39.35	.3899	.3666	.4039	.0630	127.1	.3183	.4620	
#1	.0068	.0063	3.798	.0184	.5152	1.673	.0008	.4048	.5261	
#2	.0075	.0032	3.823	.0182	.5110	1.671	.0030	.4027	.5260	
#3	.0090	.0076	3.825	.0183	.5135	1.671	-.0001	.4051	.5303	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4886.1	104770.	8169.9							
Stddev	35.9	359.	45.8							
%RSD	.73433	.34288	.56030							
#1	4912.2	104550.	8126.5							
#2	4901.0	105190.	8217.7							
#3	4845.2	104590.	8165.4							

Sample Name: XL1926970-01,C Acquired: 6/24/2019 20:21:18 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0261	.0023	-.0023	.0004	.0001	.0000	.0161	.0000	-.0001
Stddev	.0005	.0028	.0006	.0003	.0000	.0000	.0012	.0048	.0001	.0001
%RSD	376.4	10.83	25.29	12.94	6.691	10.76	2689.	29.51	136.3	230.3

#1	.0007	.0260	.0030	-.0019	.0004	.0001	-.0008	.0156	.0001	-.0001
#2	-.0004	.0290	.0023	-.0025	.0004	.0001	-.0005	.0117	.0000	.0001
#3	.0001	.0233	.0018	-.0024	.0004	.0001	.0015	.0211	-.0000	-.0002

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	-.0007	.0951	.0300	.0127	-.0000	.0001	.1720	.0004	-.0005
Stddev	.0004	.0002	.0226	.0206	.0030	.0001	.0001	.0312	.0002	.0020
%RSD	76.02	32.06	23.72	68.83	23.69	440.0	130.8	18.15	41.04	435.2

#1	.0005	-.0009	.1023	.0092	.0155	.0001	.0002	.1737	.0005	.0006
#2	.0001	-.0007	.1132	.0505	.0130	-.0000	.0001	.2024	.0006	-.0028
#3	.0009	-.0005	.0699	.0302	.0096	-.0001	-.0000	.1400	.0002	.0008

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0011	.0005	.0096	-.0016	.0004	.0013	.0006	-.0001	.0003
Stddev	.0007	.0012	.0006	.0006	.0000	.0002	.0007	.0002	.0001
%RSD	63.96	230.0	6.459	36.34	8.431	17.68	115.6	156.3	41.54

#1	-.0004	.0010	.0095	-.0020	.0004	.0016	.0009	.0001	.0003
#2	-.0018	-.0009	.0090	-.0020	.0004	.0012	-.0002	-.0002	.0002
#3	-.0010	.0015	.0102	-.0010	.0004	.0012	.0011	-.0002	.0004

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4685.7	100790.	7549.4
Stddev	52.1	203.	12.0
%RSD	1.1119	.20164	.15915

#1	4711.1	100910.	7547.2
#2	4720.2	100900.	7562.4
#3	4625.7	100550.	7538.6

Sample Name: L1925841-01,T Acquired: 6/24/2019 20:25:34 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0033	80.16	.0169	.0010	.2160	.0041	-.0048	18.26	-.0031	.0694
Stddev	.0003	.02	.0003	.0003	.0001	.0000	.0014	.04	.0000	.0004
%RSD	8.596	.0269	1.936	30.17	.0294	.3224	28.93	.2132	.8912	.5110

#1	-.0032	80.16	.0166	.0013	.2161	.0041	-.0032	18.27	-.0031	.0693
#2	-.0036	80.14	.0172	.0009	.2160	.0041	-.0058	18.30	-.0032	.0692
#3	-.0031	80.18	.0169	.0007	.2161	.0041	-.0055	18.22	-.0032	.0699

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1744	.1857	155.1	8.071	30.68	2.140	.0010	4.746	.1193	.0864
Stddev	.0003	.0009	.2	.053	.06	.001	.0001	.004	.0006	.0018
%RSD	.1749	.4775	.1573	.6629	.1795	.0397	7.130	.0736	.5158	2.058

#1	.1744	.1857	155.0	8.009	30.73	2.141	.0009	4.749	.1191	.0858
#2	.1746	.1867	155.4	8.094	30.69	2.140	.0009	4.743	.1188	.0850
#3	.1740	.1849	155.0	8.109	30.62	2.140	.0010	4.745	.1200	.0884

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052	-.0065	3.119	.0025	.0840	3.289	-.0001	.2890	.4101
Stddev	.0009	.0032	.006	.0007	.0001	.007	.0013	.0004	.0030
%RSD	17.14	49.90	.1850	30.38	.0930	.2146	2112.	.1482	.7341

#1	.0044	-.0086	3.113	.0020	.0840	3.293	.0014	.2886	.4089
#2	.0051	-.0081	3.124	.0021	.0839	3.293	-.0006	.2894	.4078
#3	.0061	-.0028	3.119	.0033	.0840	3.281	-.0010	.2888	.4135

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5104.0	109480.	8376.0
Stddev	43.4	412.	12.0
%RSD	.85099	.37608	.14271

#1	5134.0	109540.	8373.8
#2	5123.9	109050.	8365.4
#3	5054.2	109860.	8389.0

Sample Name: CCV Acquired: 6/24/2019 20:29:40 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4682	.5137	.5086	.4764	.4781	.4940	-.0019	.5003	.4698	.4683
Stddev	.0020	.0054	.0032	.0010	.0010	.0021	.0004	.0070	.0020	.0021
%RSD	.4267	1.053	.6273	.2184	.2028	.4151	19.39	1.399	.4293	.4402

#1	.4659	.5130	.5104	.4756	.4782	.4926	-.0017	.5010	.4695	.4679
#2	.4693	.5087	.5049	.4761	.4790	.4964	-.0023	.4931	.4680	.4665
#3	.4693	.5195	.5105	.4776	.4771	.4932	-.0016	.5070	.4720	.4706

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4753	.4635	.5437	4.844	.5066	.4650	.4705	9.715	.4833	.4935
Stddev	.0008	.0002	.0102	.029	.0022	.0003	.0014	.015	.0018	.0032
%RSD	.1597	.0483	1.882	.5991	.4360	.0593	.3081	.1518	.3681	.6396

#1	.4745	.4633	.5366	4.824	.5061	.4647	.4698	9.729	.4821	.4948
#2	.4760	.4634	.5391	4.878	.5047	.4651	.4696	9.716	.4825	.4899
#3	.4754	.4637	.5555	4.832	.5090	.4652	.4722	9.700	.4854	.4958

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4767	.4744	4.945	.4810	.4720	.4768	.4745	.4784	.4864
Stddev	.0039	.0007	.012	.0017	.0005	.0003	.0003	.0013	.0021
%RSD	.8216	.1538	.2499	.3518	.1083	.0637	.0718	.2745	.4345

#1	.4734	.4751	4.951	.4801	.4723	.4767	.4747	.4769	.4861
#2	.4756	.4744	4.930	.4800	.4724	.4771	.4747	.4790	.4845
#3	.4810	.4737	4.952	.4830	.4715	.4765	.4741	.4793	.4886

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4721.1	100930.	7572.7
Stddev	28.1	266.	17.3
%RSD	.59586	.26389	.22898

#1	4738.1	101230.	7586.5
#2	4736.6	100840.	7578.3
#3	4688.7	100720.	7553.2

Sample Name: CCB Acquired: 6/24/2019 20:33:52 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	-.0156	.0011	-.0025	.0004	.0006	.0011	-.0016	.0004	.0003
Stddev	.0007	.0069	.0026	.0001	.0002	.0000	.0005	.0027	.0000	.0002
%RSD	118.9	44.20	236.3	3.324	37.08	6.478	45.16	168.6	6.813	58.18

#1	.0004	-.0080	-.0018	-.0025	.0003	.0006	.0008	-.0037	.0005	.0001
#2	.0000	-.0215	.0020	-.0024	.0005	.0005	.0008	.0015	.0004	.0003
#3	.0014	-.0173	.0031	-.0024	.0006	.0006	.0017	-.0027	.0004	.0005

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	-.0006	.0087	-.0237	.0021	.0004	.0011	.0568	.0005	-.0005
Stddev	.0005	.0002	.0025	.0260	.0006	.0001	.0001	.0017	.0001	.0002
%RSD	117.3	30.04	29.20	109.9	29.05	25.36	10.89	2.917	25.80	47.61

#1	.0008	-.0005	.0102	.0058	.0024	.0004	.0013	.0576	.0004	-.0005
#2	.0007	-.0007	.0101	-.0335	.0014	.0003	.0011	.0549	.0007	-.0007
#3	-.0002	-.0004	.0058	-.0434	.0025	.0005	.0010	.0579	.0005	-.0003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019	.0020	.0054	-.0001	.0004	.0011	.0009	.0005	.0003
Stddev	.0010	.0036	.0011	.0007	.0001	.0004	.0008	.0003	.0000
%RSD	52.90	176.2	20.05	1454.	21.88	34.20	92.79	57.33	10.98

#1	.0024	.0008	.0066	.0005	.0004	.0013	.0003	.0002	.0003
#2	.0008	-.0008	.0049	-.0009	.0004	.0013	.0006	.0006	.0003
#3	.0026	.0061	.0046	.0002	.0006	.0007	.0018	.0007	.0003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4710.2	101670.	7599.9
Stddev	45.9	677.	29.6
%RSD	.97363	.66594	.39004

#1	4738.2	101440.	7573.1
#2	4735.0	102430.	7631.8
#3	4657.2	101140.	7595.0

Sample Name: L1925841-02,T Acquired: 6/24/2019 20:38:08 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0010	100.7	.0828	.0128	1.266	.0041	.0036	39.18	.0108	.0934
Stddev	.0005	.2	.0008	.0004	.002	.0000	.0010	.14	.0003	.0007
%RSD	46.89	.2254	.9380	2.848	.1929	.7007	28.17	.3561	2.516	.7475

#1	-.0005	100.9	.0824	.0127	1.269	.0041	.0027	39.34	.0106	.0928
#2	-.0014	100.6	.0823	.0126	1.265	.0041	.0034	39.08	.0107	.0934
#3	-.0009	100.5	.0837	.0132	1.265	.0040	.0047	39.11	.0111	.0942

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1549	2.182	271.1	8.970	43.54	5.786	.0084	18.73	.1469	5.063
Stddev	.0003	.002	1.4	.018	.20	.021	.0003	.06	.0010	.036
%RSD	.1938	.0851	.5157	.1972	.4657	.3690	2.993	.3452	.6744	.7136

#1	.1548	2.180	272.7	8.972	43.77	5.810	.0081	18.80	.1462	5.038
#2	.1553	2.183	270.3	8.986	43.47	5.771	.0086	18.73	.1463	5.046
#3	.1547	2.184	270.3	8.951	43.39	5.775	.0085	18.67	.1480	5.104

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0365	-.0059	5.571	.1689	.2209	3.023	.0008	.1739	3.496
Stddev	.0011	.0019	.032	.0014	.0007	.006	.0006	.0004	.028
%RSD	3.090	32.01	.5824	.8124	.2985	.2035	78.80	.2194	.8056

#1	.0374	-.0078	5.560	.1682	.2217	3.023	.0005	.1743	3.478
#2	.0352	-.0061	5.545	.1681	.2208	3.017	.0015	.1736	3.481
#3	.0368	-.0040	5.607	.1705	.2204	3.029	.0004	.1739	3.529

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4994.1	107360.	8391.8
Stddev	50.0	535.	46.7
%RSD	1.0009	.49831	.55596

#1	5025.2	106980.	8338.4
#2	5020.6	107970.	8412.7
#3	4936.4	107130.	8424.4

Sample Name: L1925475-01,T Acquired: 6/24/2019 20:42:23 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment: 0625+

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0004	66.59	.1002	.0275	5.282	.0034	.0099	858.5	.0216	.0472
Stddev	.0004	.06	.0032	.0003	.009	.0000	.0007	3.0	.0003	.0003
%RSD	98.80	.0930	3.226	1.229	.1698	.5834	7.502	.3457	1.181	.6101

#1	-.0001	66.64	.1027	.0274	5.290	.0034	.0098	861.3	.0214	.0471
#2	-.0002	66.61	.1014	.0272	5.284	.0035	.0093	858.8	.0215	.0469
#3	-.0008	66.52	.0966	.0279	5.272	.0034	.0107	855.4	.0219	.0475

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2564	.7827	156.4	19.11	52.94	3.290	.0026	25.64	.1214	23.34
Stddev	.0005	.0010	.7	.03	.24	.014	.0001	.06	.0010	.19
%RSD	.2034	.1316	.4258	.1724	.4485	.4191	3.501	.2456	.8025	.8260

#1	.2570	.7815	157.1	19.12	53.15	3.305	.0025	25.69	.1211	23.23
#2	.2562	.7832	156.3	19.14	53.00	3.288	.0026	25.66	.1206	23.23
#3	.2560	.7833	155.8	19.08	52.68	3.277	.0027	25.57	.1225	23.56

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094	.0013	5.795	.1452	1.116	3.549	.0002	.1815	10.12
Stddev	.0007	.0033	.010	.0011	.004	.003	.0009	.0002	.08
%RSD	7.040	262.2	.1775	.7826	.3150	.0757	433.4	.0958	.8098

#1	.0093	.0021	5.794	.1449	1.120	3.547	.0006	.1815	10.08
#2	.0101	-.0024	5.785	.1442	1.116	3.552	.0008	.1814	10.07
#3	.0087	.0041	5.805	.1465	1.113	3.547	-.0008	.1817	10.22

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4463.5	95561.	7772.5
Stddev	43.4	324.	40.0
%RSD	.97122	.33918	.51499

#1	4482.9	95532.	7734.4
#2	4493.8	95252.	7769.0
#3	4413.9	95898.	7814.2

Sample Name: L1925475-02,T Acquired: 6/24/2019 20:46:36 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0016	98.97	.1954	.0369	4.790	.0029	.0038	741.0	.0164	.0719
Stddev	.0002	.19	.0037	.0009	.009	.0000	.0018	3.4	.0003	.0007
%RSD	11.66	.1964	1.890	2.364	.1825	.9637	48.33	.4527	2.008	.9255

#1	-.0015	99.16	.1926	.0362	4.797	.0030	.0017	742.9	.0163	.0714
#2	-.0015	98.77	.1940	.0365	4.780	.0029	.0048	742.9	.0162	.0716
#3	-.0018	98.98	.1996	.0378	4.791	.0029	.0048	737.1	.0168	.0727

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2945	2.997	140.4	23.69	106.8	4.621	.0051	5.402	.2312	20.15
Stddev	.0004	.001	.6	.03	.6	.008	.0003	.014	.0021	.18
%RSD	.1270	.0422	.3981	.1105	.5562	.1662	6.711	.2602	.8906	.9070

#1	.2944	2.998	141.1	23.72	107.4	4.629	.0049	5.413	.2303	20.10
#2	.2943	2.996	140.0	23.69	106.2	4.617	.0048	5.386	.2297	19.99
#3	.2950	2.997	140.2	23.66	106.8	4.616	.0054	5.407	.2335	20.35

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075	-.0025	6.445	.1904	.5554	5.468	-.0014	.4072	4.633
Stddev	.0006	.0004	.051	.0008	.0014	.006	.0006	.0011	.047
%RSD	7.662	14.88	.7983	.4264	.2582	.1188	39.54	.2613	1.005

#1	.0082	-.0024	6.429	.1901	.5564	5.474	-.0012	.4075	4.620
#2	.0070	-.0030	6.403	.1898	.5537	5.461	-.0009	.4061	4.594
#3	.0074	-.0023	6.502	.1913	.5560	5.469	-.0020	.4081	4.685

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4591.3	98505.	8032.8
Stddev	45.3	268.	32.0
%RSD	.98754	.27255	.39782

#1	4613.4	98522.	7999.0
#2	4621.4	98765.	8062.6
#3	4539.2	98229.	8036.6

Sample Name: L1926327-01,T Acquired: 6/24/2019 20:50:58 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0013	159.3	.1318	.0399	.9418	.0067	.0152	125.2	-.0012	.1439
Stddev	.0003	.8	.0030	.0006	.0024	.0001	.0005	.2	.0003	.0001
%RSD	20.02	.4744	2.273	1.508	.2513	1.230	3.431	.1820	26.75	.0548
#1	-.0011	159.8	.1328	.0392	.9419	.0067	.0151	124.9	-.0010	.1440
#2	-.0016	159.8	.1285	.0404	.9393	.0067	.0157	125.4	-.0015	.1439
#3	-.0013	158.5	.1343	.0400	.9440	.0066	.0147	125.3	-.0009	.1440
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5575	.5296	287.9	19.19	82.54	4.195	.0124	4.070	.4492	26.89
Stddev	.0012	.0003	4.4	.13	.86	.025	.0000	.048	.0008	.00
%RSD	.2131	.0659	1.515	.6724	1.046	.5953	.2662	1.189	.1708	.0178
#1	.5571	.5295	286.2	19.17	82.39	4.205	.0124	4.030	.4488	26.88
#2	.5588	.5292	292.8	19.32	83.47	4.214	.0124	4.056	.4488	26.88
#3	.5566	.5299	284.6	19.07	81.76	4.167	.0124	4.123	.4501	26.89
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0165	-.0028	4.241	.0444	.3869	7.001	-.0009	.5572	1.722	
Stddev	.0020	.0009	.010	.0013	.0022	.049	.0009	.0007	.004	
%RSD	12.02	30.90	.2322	2.935	.5717	.6951	98.36	.1215	.2287	
#1	.0152	-.0030	4.249	.0435	.3873	6.950	-.0004	.5566	1.719	
#2	.0155	-.0019	4.243	.0459	.3889	7.047	-.0004	.5579	1.720	
#3	.0188	-.0036	4.230	.0437	.3845	7.007	-.0020	.5572	1.726	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4976.3	106320.	8389.1							
Stddev	28.7	409.	102.4							
%RSD	.57661	.38470	1.2201							
#1	4994.1	106510.	8420.6							
#2	4991.5	105850.	8274.7							
#3	4943.2	106600.	8471.9							

Sample Name: L1926327-02,T Acquired: 6/24/2019 20:55:20 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0025	138.6	.1221	.0286	.8127	.0059	.0096	125.0	-.0011	.1329
Stddev	.0002	.1	.0037	.0009	.0005	.0001	.0011	.1	.0002	.0006
%RSD	6.558	.1076	3.027	3.217	.0646	.9793	11.16	.0416	19.76	.4887
#1	-.0025	138.5	.1178	.0276	.8126	.0058	.0094	125.1	-.0008	.1324
#2	-.0026	138.6	.1244	.0291	.8123	.0059	.0086	125.0	-.0012	.1327
#3	-.0023	138.8	.1241	.0292	.8133	.0059	.0107	125.0	-.0012	.1337
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3480	.4324	256.6	15.02	61.86	3.759	.0126	2.699	.4142	2.907
Stddev	.0010	.0008	3.1	.03	.35	.004	.0004	.008	.0014	.014
%RSD	.2760	.1853	1.195	.2281	.5722	.1040	3.476	.2807	.3349	.4748
#1	.3469	.4322	253.1	15.04	61.49	3.760	.0127	2.708	.4131	2.895
#2	.3481	.4333	258.6	15.03	62.19	3.755	.0121	2.694	.4138	2.904
#3	.3489	.4317	258.1	14.98	61.91	3.762	.0129	2.696	.4158	2.922
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0116	-.0018	4.394	.0415	.3312	6.919	-.0016	.5572	1.539	
Stddev	.0017	.0022	.004	.0014	.0005	.025	.0012	.0009	.007	
%RSD	14.27	122.6	.0945	3.454	.1650	.3635	75.02	.1537	.4397	
#1	.0106	.0007	4.392	.0425	.3312	6.947	-.0029	.5564	1.531	
#2	.0136	-.0033	4.398	.0421	.3307	6.898	-.0008	.5581	1.540	
#3	.0108	-.0027	4.391	.0399	.3318	6.911	-.0010	.5572	1.545	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	5061.6	108250.	8414.2							
Stddev	32.0	139.	26.7							
%RSD	.63315	.12854	.31789							
#1	5087.8	108100.	8443.6							
#2	5071.2	108270.	8391.3							
#3	5025.9	108380.	8407.6							

Sample Name: L1926596-01,T Acquired: 6/24/2019 20:59:42 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0028	181.0	.0628	.0071	.3314	.0064	.0104	47.34	-.0059	.2056
Stddev	.0003	.5	.0017	.0002	.0003	.0001	.0008	.15	.0002	.0007
%RSD	11.59	.2682	2.675	2.771	.1006	1.455	7.888	.3113	3.692	.3566

#1	-.0032	181.4	.0609	.0069	.3314	.0065	.0105	47.38	-.0060	.2058
#2	-.0025	181.3	.0636	.0071	.3317	.0065	.0095	47.46	-.0061	.2047
#3	-.0028	180.5	.0640	.0073	.3311	.0063	.0112	47.17	-.0057	.2061

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1843	.4448	322.1	10.65	72.87	3.537	.0054	1.606	.2244	.1305
Stddev	.0003	.0009	1.9	.04	.95	.007	.0002	.006	.0005	.0008
%RSD	.1630	.2040	.5943	.3489	1.302	.2022	2.820	.3500	.2282	.6215

#1	.1839	.4452	322.7	10.65	73.18	3.537	.0055	1.608	.2246	.1303
#2	.1844	.4438	323.6	10.68	73.63	3.545	.0052	1.611	.2238	.1314
#3	.1845	.4455	319.9	10.61	71.81	3.530	.0055	1.600	.2248	.1298

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062	-.0094	8.302	.0049	.0957	9.698	-.0016	.6637	.8968
Stddev	.0006	.0032	.023	.0006	.0005	.107	.0012	.0007	.0044
%RSD	10.28	33.71	.2791	11.18	.4983	1.106	71.16	.0996	.4854

#1	.0056	-.0092	8.293	.0050	.0962	9.577	-.0028	.6632	.8953
#2	.0069	-.0127	8.284	.0055	.0956	9.783	-.0016	.6644	.8934
#3	.0062	-.0064	8.328	.0044	.0953	9.733	-.0005	.6636	.9017

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5255.3	112400.	8817.7
Stddev	46.1	454.	106.8
%RSD	.87637	.40380	1.2118

#1	5279.0	112860.	8791.2
#2	5284.7	112370.	8726.6
#3	5202.2	111950.	8935.3

Sample Name: L1926596-02,T Acquired: 6/24/2019 21:04:05 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0021	150.1	.0467	.0036	.6933	.0056	.0060	40.68	-.0048	.1752
Stddev	.0003	.2	.0031	.0002	.0010	.0000	.0013	.06	.0001	.0008
%RSD	15.45	.1460	6.548	5.007	.1457	.6273	21.58	.1594	2.860	.4785

#1	-.0019	149.9	.0489	.0034	.6925	.0056	.0057	40.61	-.0047	.1751
#2	-.0020	150.0	.0481	.0036	.6930	.0056	.0074	40.68	-.0049	.1745
#3	-.0025	150.3	.0432	.0037	.6945	.0057	.0049	40.74	-.0048	.1761

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1551	.7699	264.6	16.93	67.68	3.266	.0057	1.766	.1926	.0974
Stddev	.0004	.0015	2.2	.06	.39	.006	.0001	.006	.0012	.0007
%RSD	.2781	.1886	.8312	.3796	.5719	.1824	1.833	.3522	.6364	.6779

#1	.1546	.7716	262.0	16.86	67.26	3.260	.0057	1.770	.1923	.0967
#2	.1555	.7692	265.7	16.92	67.74	3.268	.0056	1.770	.1916	.0975
#3	.1552	.7690	265.9	16.99	68.03	3.271	.0058	1.759	.1940	.0980

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038	-.0063	7.918	.0040	.0963	8.895	-.0025	.5606	.7917
Stddev	.0002	.0025	.027	.0008	.0002	.078	.0003	.0009	.0044
%RSD	6.098	39.04	.3432	19.21	.2200	.8771	12.18	.1676	.5537

#1	.0041	-.0071	7.933	.0040	.0961	8.857	-.0023	.5615	.7904
#2	.0038	-.0083	7.886	.0048	.0963	8.843	-.0028	.5596	.7881
#3	.0036	-.0036	7.934	.0032	.0965	8.985	-.0023	.5607	.7966

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5191.5	110140.	8549.4
Stddev	46.6	56.	38.5
%RSD	.89756	.05112	.45015

#1	5216.3	110200.	8592.4
#2	5220.5	110090.	8537.8
#3	5137.8	110130.	8518.0

Sample Name: L1926596-03,T Acquired: 6/24/2019 21:08:27 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0032	190.3	.0582	.0070	.7802	.0075	.0077	46.49	-.0048	.2056
Stddev	.0003	.2	.0022	.0004	.0007	.0000	.0010	.07	.0000	.0007
%RSD	9.259	.1093	3.700	5.186	.0887	.6642	12.75	.1494	.9751	.3281

#1	-.0030	190.5	.0607	.0072	.7810	.0075	.0081	46.55	-.0049	.2053
#2	-.0035	190.5	.0569	.0066	.7798	.0076	.0066	46.51	-.0048	.2051
#3	-.0030	190.1	.0570	.0073	.7798	.0075	.0085	46.42	-.0048	.2064

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1812	.5179	297.2	14.73	79.09	3.469	.0057	2.334	.2314	.1793
Stddev	.0005	.0002	1.3	.04	.32	.006	.0001	.006	.0005	.0008
%RSD	.2505	.0482	.4334	.2539	.4044	.1739	1.705	.2680	.2213	.4493

#1	.1816	.5180	298.7	14.77	78.75	3.475	.0057	2.333	.2315	.1784
#2	.1813	.5176	296.2	14.70	79.38	3.463	.0056	2.341	.2309	.1794
#3	.1807	.5180	296.8	14.73	79.16	3.468	.0058	2.329	.2319	.1800

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029	-.0080	7.182	.0077	.1592	11.16	-.0021	.6010	1.063
Stddev	.0013	.0019	.011	.0005	.0004	.08	.0015	.0007	.007
%RSD	44.29	23.56	.1510	5.886	.2264	.7401	70.41	.1141	.6415

#1	.0029	-.0066	7.190	.0072	.1595	11.24	-.0036	.6018	1.061
#2	.0016	-.0072	7.170	.0080	.1593	11.07	-.0007	.6005	1.058
#3	.0041	-.0101	7.187	.0079	.1588	11.18	-.0020	.6007	1.071

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5439.7	116270.	9095.9
Stddev	49.2	395.	26.0
%RSD	.90486	.33964	.28536

#1	5462.4	115850.	9124.4
#2	5473.4	116320.	9073.7
#3	5383.2	116630.	9089.6

Sample Name: L1926596-04,T Acquired: 6/24/2019 21:12:50 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0033	219.1	.0458	.0037	.6562	.0072	.0100	39.04	-.0057	.2477
Stddev	.0003	.1	.0009	.0004	.0007	.0001	.0010	.07	.0004	.0014
%RSD	8.011	.0448	1.882	9.585	.1118	1.092	10.25	.1918	6.603	.5482

#1	-.0031	219.2	.0456	.0034	.6560	.0073	.0111	39.12	-.0056	.2469
#2	-.0032	219.0	.0467	.0041	.6556	.0071	.0100	38.98	-.0061	.2470
#3	-.0036	219.2	.0450	.0037	.6570	.0071	.0090	39.01	-.0053	.2493

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1857	.5001	330.8	12.72	83.73	3.785	.0049	1.386	.2049	.1408
Stddev	.0005	.0004	4.4	.01	.60	.005	.0005	.005	.0012	.0019
%RSD	.2702	.0754	1.322	.0525	.7188	.1367	9.437	.3699	.5721	1.355

#1	.1856	.5005	329.2	12.71	84.36	3.791	.0045	1.392	.2039	.1391
#2	.1862	.5003	335.7	12.72	83.65	3.785	.0048	1.383	.2046	.1405
#3	.1852	.4997	327.4	12.71	83.17	3.780	.0054	1.383	.2062	.1429

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	-.0148	4.649	.0076	.0943	13.89	-.0019	.7171	1.073
Stddev	.0012	.0047	.019	.0007	.0003	.07	.0001	.0017	.008
%RSD	89.54	31.88	.4130	9.628	.3037	.5105	3.485	.2410	.7873

#1	.0025	-.0098	4.637	.0067	.0942	13.87	-.0019	.7172	1.068
#2	.0016	-.0192	4.639	.0080	.0946	13.83	-.0020	.7187	1.068
#3	.0000	-.0153	4.672	.0081	.0940	13.97	-.0018	.7153	1.083

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5431.1	115420.	9076.6
Stddev	45.8	301.	68.9
%RSD	.84253	.26093	.75858

#1	5457.0	115570.	9006.9
#2	5457.9	115080.	9078.4
#3	5378.2	115630.	9144.6

Sample Name: XL1926970-02,C Acquired: 6/24/2019 21:17:13 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0874	.0020	-.0035	.0003	-.0000	.0001	.0200	.0000	.0002
Stddev	.0003	.0409	.0029	.0003	.0002	.0000	.0012	.0127	.0000	.0001
%RSD	427.6	46.83	143.8	8.076	59.54	36.64	2176.	63.47	22.16	55.01

#1	.0002	.0507	.0018	-.0036	.0002	-.0000	.0013	.0058	.0000	.0001
#2	.0002	.0799	-.0008	-.0032	.0001	-.0000	-.0003	.0301	.0000	.0002
#3	-.0003	.1315	.0050	-.0037	.0004	-.0000	-.0009	.0240	.0000	.0002

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	-.0009	.1606	.0017	.0431	.0016	-.0002	.0330	.0006	-.0002
Stddev	.0002	.0005	.0863	.0131	.0124	.0012	.0001	.0077	.0002	.0005
%RSD	28.93	60.43	53.77	760.5	28.83	79.15	66.62	23.37	26.86	242.1

#1	.0009	-.0003	.0795	.0150	.0535	.0006	-.0003	.0400	.0007	.0003
#2	.0008	-.0013	.1509	.0013	.0464	.0011	-.0001	.0342	.0006	-.0007
#3	.0005	-.0009	.2513	-.0111	.0293	.0029	-.0001	.0247	.0004	-.0002

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0009	.0001	.0618	-.0015	.0000	.0128	-.0001	.0003	.0007
Stddev	.0015	.0032	.0063	.0012	.0001	.0025	.0010	.0002	.0001
%RSD	158.0	4993.	10.20	79.36	353.1	19.57	958.6	68.85	13.58

#1	-.0024	-.0018	.0681	-.0018	-.0000	.0151	.0002	.0001	.0007
#2	-.0011	.0037	.0620	-.0025	-.0001	.0132	-.0012	.0004	.0007
#3	.0006	-.0017	.0555	-.0002	.0002	.0101	.0007	.0004	.0006

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4687.0	100770.	7461.0
Stddev	49.7	211.	13.6
%RSD	1.0612	.20979	.18164

#1	4727.1	100530.	7466.1
#2	4702.6	100940.	7445.6
#3	4631.4	100840.	7471.2

Sample Name: CCV Acquired: 6/24/2019 21:21:28 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4690	.5105	.5102	.4767	.4789	.4977	-.0012	.4976	.4734	.4701
Stddev	.0010	.0233	.0066	.0020	.0011	.0007	.0013	.0059	.0025	.0024
%RSD	.2060	4.572	1.287	.4287	.2316	.1357	103.9	1.189	.5323	.5027

#1	.4683	.5367	.5059	.4746	.4791	.4978	-.0018	.5001	.4725	.4690
#2	.4686	.4920	.5068	.4767	.4798	.4984	-.0021	.4909	.4715	.4684
#3	.4701	.5028	.5177	.4787	.4777	.4970	.0002	.5019	.4763	.4728

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4788	.4663	.5364	4.845	.5195	.4640	.4723	9.709	.4861	.4949
Stddev	.0004	.0007	.0184	.018	.0059	.0024	.0022	.033	.0029	.0018
%RSD	.0924	.1411	3.432	.3658	1.131	.5089	.4559	.3370	.5925	.3569

#1	.4793	.4663	.5576	4.854	.5212	.4662	.4714	9.747	.4851	.4946
#2	.4785	.4669	.5255	4.857	.5130	.4644	.4707	9.697	.4838	.4933
#3	.4787	.4656	.5260	4.825	.5244	.4615	.4747	9.685	.4893	.4968

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4768	.4779	4.996	.4827	.4687	.4829	.4746	.4827	.4907
Stddev	.0040	.0034	.018	.0046	.0013	.0009	.0031	.0010	.0033
%RSD	.8337	.7068	.3596	.9596	.2804	.1881	.6513	.2015	.6685

#1	.4727	.4745	4.986	.4815	.4702	.4836	.4742	.4838	.4891
#2	.4773	.4778	4.986	.4787	.4680	.4819	.4718	.4825	.4885
#3	.4806	.4812	5.017	.4877	.4678	.4833	.4779	.4819	.4944

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4686.6	100150.	7511.3
Stddev	43.5	135.	17.8
%RSD	.92899	.13430	.23663

#1	4710.4	100300.	7492.4
#2	4712.9	100040.	7527.7
#3	4636.3	100110.	7513.8

Sample Name: CCB Acquired: 6/24/2019 21:25:41 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0010	.0202	.0026	-.0030	.0007	.0006	-.0001	.0072	.0005	.0006
Stddev	.0006	.0069	.0024	.0001	.0001	.0000	.0007	.0022	.0001	.0001
%RSD	59.50	33.95	92.32	2.504	10.53	5.479	642.9	30.46	11.03	16.52

#1	-.0003	.0219	.0052	-.0030	.0006	.0006	-.0003	.0052	.0005	.0005
#2	-.0014	.0262	.0017	-.0031	.0007	.0006	-.0007	.0069	.0006	.0007
#3	-.0012	.0127	.0008	-.0029	.0008	.0006	.0007	.0095	.0004	.0006

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	-.0007	.0377	.0390	.0096	.0009	.0012	.0437	.0003	.0014
Stddev	.0001	.0005	.0018	.0559	.0048	.0001	.0003	.0050	.0002	.0010
%RSD	20.35	75.83	4.792	143.5	50.38	10.35	23.78	11.42	67.47	71.65

#1	.0003	-.0012	.0397	.0969	.0084	.0009	.0015	.0422	.0005	.0008
#2	.0003	-.0002	.0361	-.0146	.0149	.0010	.0012	.0396	.0001	.0009
#3	.0004	-.0006	.0373	.0346	.0055	.0008	.0009	.0492	.0004	.0026

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017	.0019	.0213	.0000	.0006	.0027	.0003	.0004	.0007
Stddev	.0003	.0019	.0005	.0011	.0001	.0006	.0003	.0002	.0001
%RSD	16.98	103.0	2.195	3369.	14.77	20.31	98.93	63.79	10.90

#1	.0020	.0017	.0216	.0010	.0005	.0026	.0001	.0006	.0006
#2	.0018	.0000	.0215	-.0011	.0005	.0033	.0007	.0004	.0006
#3	.0014	.0039	.0208	.0002	.0007	.0022	.0002	.0001	.0007

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4693.3	100480.	7512.6
Stddev	73.3	411.	44.1
%RSD	1.5627	.40940	.58736

#1	4736.0	100870.	7562.8
#2	4735.3	100050.	7495.0
#3	4608.6	100510.	7480.1

Sample Name: WG1251672-1,T Acquired: 6/24/2019 21:29:57 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0000	-.0093	.0026	-.0036	.0002	.0001	-.0002	.0002	.0001	.0001
Stddev	.0002	.0038	.0032	.0005	.0001	.0000	.0008	.0027	.0001	.0001
%RSD	390.4	40.44	121.7	14.02	50.72	13.94	470.9	1426.	50.58	129.0
#1	.0001	-.0051	.0003	-.0040	.0002	.0001	-.0010	.0031	.0002	.0001
#2	-.0000	-.0122	.0063	-.0030	.0003	.0001	.0006	-.0004	.0001	.0001
#3	-.0002	-.0106	.0013	-.0038	.0001	.0001	-.0002	-.0021	.0001	-.0000
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0011	-.0009	.0164	.0014	.0009	.0003	.0002	.0677	-.0006	-.0012
Stddev	.0001	.0001	.0088	.0076	.0020	.0004	.0002	.0012	.0003	.0018
%RSD	8.179	6.963	54.01	553.8	231.6	118.7	79.70	1.740	48.25	154.3
#1	-.0011	-.0009	.0262	.0049	.0032	.0007	.0004	.0691	-.0009	-.0032
#2	-.0010	-.0009	.0092	.0065	-.0005	-.0000	.0001	.0671	-.0006	-.0002
#3	-.0011	-.0010	.0137	-.0073	-.0001	.0002	.0002	.0669	-.0003	-.0001
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.0007	-.0002	.0171	-.0010	.0001	.0010	.0001	-.0003	.0002	
Stddev	.0012	.0050	.0005	.0003	.0001	.0003	.0011	.0001	.0001	
%RSD	186.5	2658.	2.961	32.19	251.2	28.77	1146.	54.94	32.51	
#1	.0007	-.0035	.0168	-.0012	-.0001	.0009	.0003	-.0002	.0001	
#2	-.0012	-.0025	.0177	-.0007	.0000	.0013	.0011	-.0002	.0002	
#3	-.0015	.0055	.0168	-.0013	.0002	.0008	-.0011	-.0004	.0002	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4716.8	100950.	7565.0							
Stddev	62.4	423.	20.6							
%RSD	1.3236	.41883	.27290							
#1	4750.5	101440.	7544.6							
#2	4755.3	100680.	7585.8							
#3	4644.8	100740.	7564.5							

Sample Name: WG1251672-2,T Acquired: 6/24/2019 21:34:13 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2166	41.53	1.010	1.140	2.754	1.287	-.0097	31.15	.3870	1.252
Stddev	.0020	.06	.007	.004	.006	.011	.0010	.05	.0017	.005
%RSD	.9053	.1499	.6568	.3531	.2055	.8610	10.30	.1723	.4469	.3694

#1	.2188	41.49	1.007	1.138	2.758	1.276	-.0108	31.20	.3865	1.250
#2	.2159	41.61	1.006	1.137	2.757	1.288	-.0094	31.16	.3856	1.248
#3	.2151	41.50	1.018	1.144	2.748	1.298	-.0089	31.09	.3889	1.257

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6368	.4078	88.69	12.24	14.09	2.488	.7306	10.19	.7223	.7933
Stddev	.0022	.0010	.17	.02	.12	.003	.0030	.01	.0042	.0037
%RSD	.3476	.2443	.1956	.1260	.8788	.1237	.4042	.1394	.5828	.4662

#1	.6378	.4088	88.65	12.22	13.95	2.490	.7291	10.17	.7207	.7928
#2	.6384	.4068	88.54	12.25	14.19	2.490	.7288	10.20	.7191	.7899
#3	.6343	.4078	88.88	12.24	14.14	2.485	.7340	10.18	.7270	.7972

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.617	.5501	7.595	.7004	.6761	2.417	.7501	.5265	1.586
Stddev	.008	.0092	.030	.0040	.0016	.003	.0039	.0012	.008
%RSD	.5038	1.667	.4012	.5775	.2417	.1363	.5261	.2191	.4883

#1	1.616	.5495	7.574	.6985	.6767	2.417	.7488	.5272	1.582
#2	1.610	.5413	7.582	.6976	.6742	2.420	.7470	.5271	1.581
#3	1.626	.5596	7.630	.7050	.6773	2.413	.7545	.5252	1.595

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4852.7	103100.	7889.0
Stddev	30.3	373.	49.1
%RSD	.62386	.36226	.62230

#1	4868.2	102810.	7943.8
#2	4872.0	102960.	7849.1
#3	4817.8	103520.	7874.2

Sample Name: WG1251672-3,T Acquired: 6/24/2019 21:38:22 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2239	41.47	1.032	1.099	2.705	1.222	-.0105	31.16	.3668	1.233
Stddev	.0008	.08	.004	.002	.006	.010	.0011	.09	.0011	.003
%RSD	.3503	.2031	.3454	.2167	.2378	.8397	10.73	.2973	.3088	.2764

#1	.2241	41.56	1.031	1.098	2.707	1.232	-.0094	31.27	.3663	1.232
#2	.2230	41.40	1.028	1.097	2.697	1.221	-.0117	31.09	.3660	1.231
#3	.2245	41.46	1.035	1.101	2.709	1.211	-.0105	31.13	.3681	1.237

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6465	.4174	90.41	12.45	14.19	2.463	.7361	10.11	.7119	.8146
Stddev	.0008	.0010	.31	.11	.11	.008	.0015	.01	.0015	.0030
%RSD	.1288	.2330	.3439	.8642	.7595	.3330	.2098	.1333	.2166	.3667

#1	.6455	.4184	90.77	12.48	14.30	2.471	.7348	10.13	.7118	.8132
#2	.6467	.4172	90.20	12.33	14.19	2.455	.7357	10.10	.7104	.8126
#3	.6472	.4165	90.27	12.54	14.09	2.462	.7378	10.11	.7135	.8181

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.703	.5529	6.362	.7292	.6304	2.480	.7498	.5391	1.609
Stddev	.002	.0023	.011	.0024	.0016	.001	.0025	.0011	.006
%RSD	.1435	.4179	.1705	.3352	.2507	.0563	.3333	.2052	.3531

#1	1.700	.5513	6.356	.7271	.6322	2.479	.7498	.5384	1.606
#2	1.705	.5555	6.355	.7287	.6290	2.479	.7474	.5385	1.605
#3	1.703	.5518	6.375	.7319	.6301	2.482	.7523	.5404	1.615

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4905.0	105050.	8028.6
Stddev	20.4	205.	60.8
%RSD	.41514	.19524	.75741

#1	4923.9	105150.	7966.8
#2	4907.5	105180.	8030.8
#3	4883.5	104810.	8088.3

Sample Name: L1926596-05,T Acquired: 6/24/2019 21:42:32 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0023	161.3	.0403	.0037	.8165	.0055	.0078	40.12	-.0042	.1754
Stddev	.0007	.6	.0040	.0004	.0028	.0001	.0008	.17	.0002	.0016
%RSD	29.68	.3485	10.05	9.736	.3471	1.339	9.809	.4270	4.989	.8839

#1	-.0027	161.9	.0363	.0038	.8198	.0056	.0084	40.28	-.0044	.1752
#2	-.0015	160.8	.0401	.0033	.8150	.0054	.0080	39.94	-.0040	.1739
#3	-.0027	161.3	.0444	.0041	.8148	.0055	.0069	40.13	-.0042	.1770

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1710	.4514	253.4	14.06	72.49	2.808	.0043	1.390	.2073	.0770
Stddev	.0001	.0009	3.1	.03	.50	.010	.0003	.015	.0006	.0026
%RSD	.0839	.1919	1.205	.2295	.6957	.3460	7.814	1.088	.2756	3.406

#1	.1708	.4507	256.1	14.06	72.63	2.818	.0047	1.407	.2073	.0768
#2	.1711	.4512	250.1	14.03	71.93	2.799	.0041	1.381	.2068	.0745
#3	.1710	.4524	254.1	14.09	72.91	2.806	.0041	1.381	.2079	.0797

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092	-.0084	5.124	.0056	.1518	7.764	-.0007	.4943	.8463
Stddev	.0026	.0006	.016	.0005	.0003	.022	.0014	.0004	.0063
%RSD	28.80	7.062	.3087	8.243	.2192	.2886	199.8	.0889	.7456

#1	.0092	-.0085	5.137	.0060	.1520	7.771	.0008	.4940	.8448
#2	.0118	-.0077	5.106	.0051	.1514	7.738	-.0008	.4948	.8409
#3	.0065	-.0089	5.130	.0057	.1519	7.781	-.0021	.4940	.8532

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5190.1	110810.	8656.0
Stddev	46.6	252.	34.5
%RSD	.89768	.22713	.39897

#1	5212.1	110660.	8645.8
#2	5221.7	110660.	8694.5
#3	5136.6	111100.	8627.8

Sample Name: L1926596-06,T Acquired: 6/24/2019 21:46:54 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0023	89.15	.0790	.0004	.3704	.0050	-.0016	18.49	-.0026	.0866
Stddev	.0003	.12	.0014	.0006	.0005	.0000	.0010	.06	.0001	.0003
%RSD	12.53	.1334	1.816	156.9	.1322	.4092	61.89	.3082	3.120	.3407

#1	-.0024	89.15	.0774	.0009	.3709	.0049	-.0013	18.44	-.0025	.0864
#2	-.0025	89.04	.0797	-.0003	.3699	.0050	-.0027	18.48	-.0026	.0866
#3	-.0020	89.27	.0800	.0006	.3703	.0050	-.0008	18.55	-.0026	.0870

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1275	.2078	145.4	12.13	32.63	2.416	.0051	1.097	.1247	.0729
Stddev	.0006	.0002	1.1	.02	.18	.004	.0002	.008	.0007	.0011
%RSD	.4414	.1203	.7288	.1498	.5414	.1784	2.961	.7305	.6002	1.543

#1	.1277	.2081	144.2	12.14	32.43	2.411	.0050	1.088	.1242	.0723
#2	.1269	.2078	145.6	12.11	32.72	2.417	.0053	1.104	.1243	.0722
#3	.1280	.2076	146.3	12.14	32.75	2.419	.0050	1.098	.1255	.0742

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032	-.0051	4.645	.0051	.0869	4.941	.0003	.2237	.4116
Stddev	.0006	.0019	.016	.0009	.0005	.004	.0010	.0002	.0036
%RSD	20.03	36.62	.3387	18.58	.5505	.0911	374.9	.0738	.8770

#1	.0038	-.0031	4.638	.0040	.0865	4.945	.0014	.2237	.4095
#2	.0026	-.0068	4.634	.0053	.0868	4.936	-.0004	.2236	.4095
#3	.0030	-.0054	4.663	.0059	.0875	4.941	-.0002	.2239	.4158

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5111.4	109060.	8387.7
Stddev	56.2	293.	65.6
%RSD	1.0987	.26845	.78151

#1	5141.4	109290.	8462.2
#2	5146.2	109170.	8362.5
#3	5046.6	108730.	8338.5

Sample Name: L1926596-07,T Acquired: 6/24/2019 21:50:59 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0032	150.5	.0583	.0034	.5050	.0064	.0041	39.45	-.0042	.1812
Stddev	.0004	.2	.0022	.0000	.0006	.0001	.0008	.05	.0002	.0008
%RSD	12.88	.1083	3.740	1.177	.1157	1.056	19.74	.1266	3.760	.4251

#1	-.0036	150.3	.0605	.0034	.5043	.0065	.0045	39.40	-.0044	.1808
#2	-.0028	150.6	.0561	.0035	.5052	.0063	.0031	39.46	-.0041	.1808
#3	-.0034	150.5	.0583	.0034	.5054	.0065	.0046	39.50	-.0041	.1821

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1556	.4040	242.2	13.77	57.85	2.978	.0048	1.482	.1644	.0918
Stddev	.0006	.0010	1.2	.06	.43	.003	.0002	.005	.0009	.0031
%RSD	.4124	.2403	.5081	.4206	.7468	.0838	3.569	.3480	.5546	3.385

#1	.1550	.4033	243.6	13.73	57.84	2.975	.0047	1.476	.1637	.0893
#2	.1557	.4035	241.4	13.84	57.42	2.980	.0047	1.486	.1641	.0908
#3	.1562	.4051	241.7	13.75	58.28	2.977	.0050	1.484	.1655	.0953

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026	-.0080	6.692	.0068	.0987	9.190	-.0011	.5002	.8166
Stddev	.0010	.0022	.025	.0009	.0003	.043	.0017	.0006	.0060
%RSD	36.43	26.85	.3682	13.45	.2640	.4670	150.9	.1278	.7400

#1	.0037	-.0089	6.673	.0068	.0984	9.158	-.0028	.4997	.8134
#2	.0020	-.0056	6.683	.0058	.0988	9.239	.0006	.5000	.8128
#3	.0021	-.0096	6.720	.0077	.0990	9.175	-.0013	.5009	.8236

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5378.7	114770.	8924.9
Stddev	49.0	257.	30.6
%RSD	.91085	.22435	.34274

#1	5410.9	115070.	8918.3
#2	5402.9	114610.	8958.2
#3	5322.3	114640.	8898.1

Sample Name: L1926974-02,T Acquired: 6/24/2019 21:55:21 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0035	229.8	.0954	.0077	.5193	.0086	.0131	18.37	-.0066	.1733
Stddev	.0006	.6	.0048	.0004	.0011	.0000	.0020	.07	.0004	.0006
%RSD	16.67	.2551	4.986	5.228	.2107	.4329	15.50	.3607	5.831	.3491

#1	-.0032	230.4	.0933	.0080	.5203	.0086	.0146	18.45	-.0068	.1730
#2	-.0032	229.6	.0921	.0079	.5194	.0085	.0139	18.35	-.0068	.1729
#3	-.0042	229.3	.1009	.0073	.5181	.0085	.0108	18.32	-.0061	.1740

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2912	.3778	369.0	9.484	79.56	8.780	.0051	.9823	.2672	.2196
Stddev	.0005	.0011	3.9	.017	.69	.042	.0001	.0044	.0012	.0020
%RSD	.1884	.2865	1.065	.1770	.8618	.4799	2.194	.4508	.4403	.8913

#1	.2917	.3786	372.1	9.487	80.33	8.828	.0050	.9836	.2664	.2198
#2	.2912	.3765	370.3	9.466	79.34	8.760	.0051	.9774	.2665	.2175
#3	.2906	.3781	364.6	9.499	79.02	8.751	.0052	.9860	.2685	.2214

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160	-.0107	3.603	.0075	.1466	7.323	-.0001	.4433	.8136
Stddev	.0011	.0023	.013	.0003	.0006	.047	.0011	.0013	.0045
%RSD	6.684	21.41	.3507	3.904	.3817	.6375	2042.	.2994	.5480

#1	.0159	-.0133	3.598	.0078	.1472	7.376	.0000	.4449	.8110
#2	.0149	-.0096	3.593	.0073	.1466	7.288	-.0012	.4425	.8111
#3	.0171	-.0091	3.617	.0072	.1461	7.306	.0010	.4426	.8188

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5308.1	112210.	8835.7
Stddev	21.8	220.	47.7
%RSD	.41056	.19565	.54012

#1	5309.2	111970.	8781.3
#2	5329.3	112290.	8855.4
#3	5285.8	112380.	8870.4

Sample Name: L1926974-04,T Acquired: 6/24/2019 21:59:45 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0036	248.8	.1155	.0104	.6005	.0095	.0137	24.15	-.0069	.1939
Stddev	.0002	.3	.0042	.0002	.0008	.0001	.0006	.06	.0002	.0014
%RSD	5.281	.1188	3.633	1.798	.1334	.5376	4.357	.2585	3.275	.6969

#1	-.0038	248.9	.1160	.0106	.6014	.0094	.0144	24.15	-.0067	.1932
#2	-.0034	248.5	.1194	.0105	.6003	.0095	.0133	24.09	-.0071	.1930
#3	-.0035	249.1	.1111	.0102	.5999	.0095	.0134	24.22	-.0067	.1955

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3164	.4084	387.4	11.39	83.78	10.04	.0059	1.122	.2835	.3341
Stddev	.0010	.0016	3.4	.04	.10	.02	.0002	.007	.0013	.0040
%RSD	.3063	.3865	.8853	.3354	.1237	.1545	2.693	.5886	.4691	1.189

#1	.3157	.4101	385.4	11.37	83.68	10.05	.0057	1.125	.2831	.3310
#2	.3159	.4071	391.3	11.44	83.78	10.03	.0059	1.114	.2824	.3328
#3	.3175	.4079	385.4	11.37	83.89	10.05	.0060	1.126	.2850	.3386

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163	-.0071	5.708	.0100	.1574	8.356	-.0007	.4923	.8693
Stddev	.0009	.0049	.017	.0008	.0002	.053	.0002	.0008	.0055
%RSD	5.478	68.48	.2940	7.817	.1370	.6355	22.81	.1615	.6288

#1	.0174	-.0127	5.706	.0108	.1576	8.364	-.0006	.4929	.8648
#2	.0159	-.0036	5.693	.0092	.1572	8.405	-.0008	.4914	.8676
#3	.0157	-.0051	5.726	.0100	.1574	8.300	-.0009	.4926	.8754

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5330.3	113110.	8911.1
Stddev	38.6	252.	19.3
%RSD	.72415	.22302	.21665

#1	5349.6	112870.	8929.5
#2	5355.4	113370.	8912.9
#3	5285.9	113080.	8891.0

Sample Name: L1925417-04,T Acquired: 6/24/2019 22:04:09 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0014	48.28	.3263	.0113	1.016	.0084	.0082	50.03	-.0025	.1398
Stddev	.0001	.09	.0018	.0004	.002	.0000	.0003	.04	.0002	.0007
%RSD	8.097	.1865	.5611	3.396	.2081	.5200	3.466	.0833	5.968	.4747

#1	-.0013	48.19	.3272	.0113	1.014	.0084	.0079	49.99	-.0026	.1398
#2	-.0015	48.37	.3242	.0109	1.018	.0084	.0084	50.07	-.0027	.1392
#3	-.0015	48.29	.3275	.0116	1.015	.0085	.0083	50.03	-.0024	.1405

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1079	.8008	210.5	5.212	21.07	1.465	.0438	.7165	.2397	.5881
Stddev	.0003	.0007	.1	.033	.05	.002	.0002	.0014	.0010	.0043
%RSD	.2385	.0841	.0478	.6231	.2466	.1549	.4189	.1914	.4136	.7345

#1	.1079	.8003	210.4	5.175	21.01	1.462	.0440	.7174	.2388	.5873
#2	.1082	.8016	210.6	5.234	21.08	1.466	.0437	.7150	.2395	.5843
#3	.1077	.8006	210.6	5.228	21.11	1.465	.0436	.7173	.2407	.5928

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030	-.0011	7.404	.0274	.5830	14.12	.0022	.2885	.7436
Stddev	.0012	.0037	.024	.0005	.0004	.07	.0004	.0013	.0035
%RSD	39.59	339.0	.3255	1.841	.0752	.5214	19.47	.4370	.4735

#1	.0018	.0032	7.388	.0274	.5825	14.08	.0025	.2889	.7427
#2	.0042	-.0033	7.393	.0269	.5834	14.20	.0024	.2896	.7406
#3	.0030	-.0032	7.432	.0279	.5831	14.07	.0017	.2871	.7474

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5043.2	108660.	8260.2
Stddev	52.5	496.	31.8
%RSD	1.0410	.45676	.38518

#1	5084.3	108750.	8295.5
#2	5061.3	108120.	8251.4
#3	4984.1	109100.	8233.7

Sample Name: WG1251672-6,T,5 Acquired: 6/24/2019 22:08:23 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0024	9.934	.0701	.0001	.2037	.0015	.0018	10.36	-.0004	.0314
Stddev	.0004	.063	.0053	.0004	.0020	.0000	.0007	.10	.0000	.0009
%RSD	15.64	.6322	7.507	424.0	.9841	1.764	38.59	.9661	5.869	2.921

#1	-.0021	9.867	.0645	-.0002	.2015	.0015	.0021	10.27	-.0004	.0304
#2	-.0024	9.942	.0709	.0005	.2039	.0015	.0024	10.33	-.0004	.0314
#3	-.0028	9.992	.0749	-.0001	.2055	.0016	.0010	10.47	-.0004	.0323

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0239	.1619	44.36	1.046	4.600	.3068	.0096	.1627	.0544	.1337
Stddev	.0001	.0008	.45	.023	.042	.0019	.0004	.0082	.0019	.0031
%RSD	.5568	.5182	1.008	2.233	.9201	.6353	3.953	5.068	3.430	2.301

#1	.0239	.1610	43.97	1.022	4.559	.3045	.0092	.1594	.0523	.1319
#2	.0241	.1627	44.26	1.068	4.597	.3076	.0097	.1721	.0548	.1318
#3	.0238	.1620	44.85	1.048	4.644	.3082	.0099	.1566	.0560	.1372

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0004	.0008	1.625	.0043	.1199	3.001	-.0002	.0615	.1667
Stddev	.0010	.0015	.040	.0002	.0007	.020	.0009	.0003	.0048
%RSD	257.0	185.1	2.441	5.669	.6024	.6702	531.8	.4217	2.884

#1	.0007	.0018	1.585	.0045	.1193	2.981	.0006	.0614	.1618
#2	-.0006	-.0009	1.626	.0044	.1198	3.000	-.0011	.0613	.1667
#3	-.0013	.0015	1.664	.0041	.1207	3.021	.0000	.0618	.1715

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4763.0	101640.	7621.2
Stddev	39.8	267.	39.1
%RSD	.83649	.26315	.51343

#1	4782.5	101470.	7646.1
#2	4789.4	101510.	7641.5
#3	4717.2	101950.	7576.1

Sample Name: CCV Acquired: 6/24/2019 22:12:31 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4554	.4881	.5048	.4709	.4755	.4954	-.0011	.4873	.4713	.4679
Stddev	.0016	.0081	.0020	.0010	.0006	.0012	.0013	.0010	.0020	.0013
%RSD	.3512	1.652	.4053	.2177	.1216	.2420	114.6	.2028	.4195	.2839
#1	.4572	.4788	.5024	.4704	.4755	.4967	-.0003	.4885	.4702	.4673
#2	.4548	.4930	.5060	.4703	.4749	.4952	-.0005	.4867	.4701	.4670
#3	.4542	.4925	.5059	.4721	.4760	.4944	-.0027	.4868	.4736	.4695

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4727	.4613	.4939	4.875	.4993	.4583	.4711	9.614	.4828	.4931
Stddev	.0010	.0005	.0032	.017	.0019	.0006	.0017	.012	.0015	.0016
%RSD	.2041	.1179	.6470	.3520	.3863	.1337	.3522	.1204	.3068	.3265
#1	.4737	.4607	.4964	4.876	.4973	.4587	.4697	9.625	.4823	.4916
#2	.4717	.4616	.4903	4.891	.4995	.4576	.4705	9.602	.4815	.4928
#3	.4726	.4617	.4951	4.857	.5011	.4585	.4729	9.615	.4844	.4948

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4725	.4736	4.961	.4812	.4608	.4786	.4735	.4748	.4892
Stddev	.0008	.0037	.004	.0031	.0018	.0012	.0016	.0011	.0018
%RSD	.1669	.7763	.0900	.6515	.3914	.2501	.3323	.2264	.3621
#1	.4716	.4694	4.964	.4783	.4619	.4789	.4744	.4760	.4880
#2	.4731	.4751	4.956	.4807	.4587	.4796	.4717	.4739	.4884
#3	.4729	.4763	4.963	.4845	.4617	.4773	.4745	.4746	.4913

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4698.6	101370.	7528.2
Stddev	29.2	578.	7.5
%RSD	.62048	.56994	.09942
#1	4714.9	100720.	7519.5
#2	4715.9	101560.	7531.8
#3	4664.9	101820.	7533.1

Sample Name: CCB Acquired: 6/24/2019 22:16:44 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0007	.0144	.0036	-.0023	.0006	.0006	.0016	.0046	.0005	.0004
Stddev	.0004	.0064	.0021	.0006	.0001	.0000	.0015	.0042	.0000	.0001
%RSD	58.02	44.29	57.83	26.53	16.93	2.666	97.81	89.96	5.266	23.37

#1	-.0003	.0194	.0052	-.0031	.0007	.0006	.0033	.0001	.0005	.0005
#2	-.0011	.0072	.0012	-.0020	.0006	.0006	.0004	.0055	.0005	.0004
#3	-.0007	.0164	.0044	-.0019	.0005	.0006	.0010	.0083	.0004	.0003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	-.0010	.0157	.0066	.0026	.0007	.0012	.0326	.0002	.0002
Stddev	.0003	.0001	.0061	.0204	.0023	.0003	.0003	.0070	.0001	.0007
%RSD	79.05	9.921	38.67	308.1	87.79	43.69	22.90	21.38	56.01	321.4

#1	.0007	-.0009	.0115	.0286	.0048	.0009	.0014	.0379	.0002	.0009
#2	.0003	-.0009	.0129	-.0117	.0027	.0009	.0012	.0247	.0001	-.0006
#3	.0001	-.0011	.0227	.0030	.0003	.0004	.0009	.0351	.0003	.0004

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024	.0019	.0152	-.0000	.0005	.0018	.0004	.0000	.0004
Stddev	.0015	.0010	.0011	.0010	.0000	.0004	.0013	.0002	.0001
%RSD	61.93	53.03	7.500	9734.	8.606	21.67	333.6	430.7	13.55

#1	.0040	.0019	.0156	.0011	.0005	.0014	.0012	.0003	.0005
#2	.0016	.0009	.0160	-.0003	.0005	.0018	-.0011	-.0001	.0004
#3	.0014	.0029	.0139	-.0007	.0006	.0022	.0011	.0000	.0005

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4690.2	101600.	7491.3
Stddev	77.1	192.	16.2
%RSD	1.6431	.18939	.21624

#1	4725.8	101800.	7472.6
#2	4743.0	101570.	7499.5
#3	4601.7	101420.	7501.8

Sample Name: WG1251672-4,T Acquired: 6/24/2019 22:21:04 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5556	36.69	.4976	1.960	4.493	.1064	.0048	48.88	.0990	1.037
Stddev	.0006	.13	.0034	.009	.017	.0004	.0006	.22	.0008	.006
%RSD	.1065	.3512	.6831	.4570	.3832	.3953	12.30	.4568	.7913	.5904

#1	.5559	36.84	.5015	1.962	4.513	.1069	.0042	49.13	.0987	1.035
#2	.5560	36.65	.4954	1.950	4.485	.1063	.0048	48.80	.0985	1.032
#3	.5549	36.59	.4959	1.968	4.482	.1061	.0054	48.70	.0999	1.044

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4515	.9271	204.1	23.33	29.15	1.817	1.903	19.75	1.118	1.296
Stddev	.0015	.0018	1.2	.10	.16	.007	.011	.09	.005	.011
%RSD	.3242	.1927	.6068	.4208	.5406	.4029	.5580	.4674	.4374	.8438

#1	.4520	.9279	205.4	23.42	29.32	1.825	1.897	19.85	1.117	1.293
#2	.4526	.9283	204.1	23.22	29.10	1.816	1.897	19.72	1.114	1.287
#3	.4498	.9250	202.9	23.36	29.02	1.811	1.915	19.67	1.123	1.308

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9688	.2324	6.214	1.859	2.248	7.924	.1969	1.177	1.395
Stddev	.0060	.0015	.027	.011	.012	.056	.0005	.001	.010
%RSD	.6212	.6428	.4416	.5680	.5324	.7044	.2327	.1122	.7241

#1	.9710	.2341	6.203	1.856	2.262	7.913	.1973	1.178	1.391
#2	.9619	.2318	6.193	1.850	2.245	7.874	.1964	1.177	1.388
#3	.9733	.2313	6.245	1.871	2.239	7.985	.1969	1.176	1.407

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4758.3	102390.	7831.5
Stddev	37.7	252.	43.9
%RSD	.79244	.24592	.56050

#1	4766.4	102100.	7782.8
#2	4791.3	102490.	7843.8
#3	4717.2	102570.	7867.9

Sample Name: WG1251672-4,T Acquired: 6/24/2019 22:25:14 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5640	37.02	.5054	1.977	4.523	.1074	.0049	49.28	.1000	1.046
Stddev	.0016	.11	.0028	.008	.019	.0005	.0005	.16	.0004	.004
%RSD	.2761	.2886	.5494	.4236	.4127	.4224	10.10	.3347	.4004	.4257

#1	.5624	37.13	.5054	1.975	4.542	.1071	.0055	49.45	.0996	1.045
#2	.5640	36.92	.5026	1.970	4.505	.1072	.0046	49.12	.1001	1.042
#3	.5656	37.01	.5081	1.986	4.522	.1079	.0046	49.27	.1004	1.051

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4570	.9371	205.8	23.45	29.49	1.834	1.922	19.90	1.128	1.307
Stddev	.0005	.0007	.8	.07	.10	.003	.008	.09	.005	.004
%RSD	.1067	.0697	.4078	.2913	.3487	.1691	.4178	.4505	.4529	.3080

#1	.4565	.9366	206.1	23.53	29.45	1.838	1.920	19.97	1.127	1.305
#2	.4570	.9369	204.9	23.42	29.41	1.832	1.915	19.80	1.124	1.304
#3	.4575	.9378	206.5	23.41	29.61	1.833	1.930	19.93	1.134	1.312

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9781	.2365	6.283	1.872	2.263	8.013	.1985	1.192	1.409
Stddev	.0055	.0031	.036	.006	.012	.070	.0016	.001	.006
%RSD	.5639	1.332	.5781	.3225	.5121	.8705	.7833	.0780	.4431

#1	.9787	.2396	6.273	1.871	2.271	8.012	.1994	1.192	1.408
#2	.9723	.2333	6.252	1.867	2.250	8.083	.1967	1.192	1.404
#3	.9833	.2365	6.323	1.879	2.269	7.944	.1993	1.194	1.416

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4725.5	101300.	7771.0
Stddev	30.9	23.	24.4
%RSD	.65338	.02313	.31376

#1	4741.5	101300.	7790.1
#2	4745.0	101280.	7779.3
#3	4689.9	101320.	7743.5

Sample Name: WG1251672-5,T Acquired: 6/24/2019 22:29:25 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5357	56.98	.6253	1.852	4.503	.1041	.0108	69.96	.0918	1.037
Stddev	.0018	.15	.0050	.012	.010	.0006	.0014	.15	.0007	.007
%RSD	.3345	.2679	.8033	.6533	.2218	.5698	12.57	.2198	.7793	.6710

#1	.5377	56.86	.6239	1.844	4.496	.1035	.0110	69.80	.0914	1.034
#2	.5342	57.15	.6211	1.845	4.514	.1047	.0094	70.11	.0914	1.033
#3	.5352	56.92	.6309	1.865	4.498	.1041	.0121	69.98	.0927	1.045

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4776	1.166	304.8	23.38	34.59	2.557	1.816	19.03	1.211	1.451
Stddev	.0013	.001	.7	.13	.14	.004	.010	.06	.009	.006
%RSD	.2738	.1098	.2278	.5569	.4051	.1692	.5439	.3240	.6985	.4128

#1	.4791	1.167	305.5	23.26	34.43	2.554	1.810	18.98	1.208	1.449
#2	.4766	1.166	304.1	23.52	34.68	2.562	1.811	19.10	1.205	1.446
#3	.4772	1.164	304.7	23.36	34.66	2.554	1.827	19.00	1.221	1.458

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9212	.2153	7.390	1.746	2.386	11.44	.1780	1.234	1.573
Stddev	.0057	.0049	.047	.013	.005	.01	.0000	.003	.012
%RSD	.6186	2.290	.6416	.7271	.2122	.1280	.0125	.2358	.7428

#1	.9167	.2163	7.371	1.740	2.381	11.44	.1780	1.238	1.567
#2	.9192	.2100	7.355	1.738	2.391	11.45	.1780	1.232	1.565
#3	.9276	.2197	7.444	1.761	2.386	11.43	.1780	1.234	1.586

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4916.1	105670.	8238.0
Stddev	35.2	597.	19.8
%RSD	.71681	.56514	.23999

#1	4930.7	105000.	8259.7
#2	4941.6	106130.	8221.1
#3	4875.9	105900.	8233.2

Sample Name: WG1251672-5,T Acquired: 6/24/2019 22:33:43 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5333	57.20	.6222	1.849	4.518	.1049	.0113	70.15	.0914	1.039
Stddev	.0007	.07	.0036	.009	.004	.0002	.0012	.06	.0006	.005
%RSD	.1347	.1261	.5831	.5020	.0959	.2340	10.50	.0816	.6757	.5007
#1	.5339	57.14	.6226	1.844	4.519	.1049	.0103	70.21	.0910	1.038
#2	.5336	57.17	.6183	1.844	4.513	.1052	.0109	70.09	.0911	1.035
#3	.5325	57.28	.6256	1.860	4.522	.1047	.0126	70.16	.0921	1.045
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4754	1.161	309.9	23.65	35.07	2.564	1.818	19.10	1.210	1.458
Stddev	.0011	.001	.3	.06	.08	.004	.009	.05	.007	.009
%RSD	.2244	.1173	.1121	.2436	.2189	.1668	.4896	.2705	.6094	.6491
#1	.4766	1.160	310.3	23.58	35.05	2.569	1.814	19.13	1.206	1.461
#2	.4752	1.161	309.7	23.69	35.16	2.561	1.812	19.04	1.206	1.447
#3	.4745	1.163	309.8	23.67	35.01	2.562	1.828	19.12	1.218	1.465
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.9214	.2191	7.394	1.754	2.403	11.48	.1788	1.226	1.572	
Stddev	.0053	.0015	.039	.011	.008	.06	.0023	.002	.009	
%RSD	.5795	.6800	.5243	.6277	.3368	.5168	1.279	.1325	.5831	
#1	.9197	.2182	7.372	1.757	2.407	11.46	.1763	1.228	1.568	
#2	.9172	.2208	7.371	1.742	2.394	11.43	.1794	1.225	1.566	
#3	.9274	.2183	7.439	1.764	2.409	11.54	.1808	1.224	1.583	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4923.2	106310.	8156.7							
Stddev	32.9	142.	5.2							
%RSD	.66762	.13369	.06425							
#1	4933.2	106240.	8151.8							
#2	4949.9	106480.	8155.9							
#3	4886.5	106230.	8162.2							

Sample Name: L1925417-05,T Acquired: 6/24/2019 22:38:03 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0018	43.78	.2345	.0216	1.573	.0055	.0093	253.0	-.0000	.0984
Stddev	.0003	.06	.0026	.0002	.002	.0000	.0020	.3	.0001	.0004
%RSD	18.94	.1397	1.125	.9279	.1371	.4749	22.05	.1029	1229.	.4336

#1	-.0022	43.74	.2322	.0215	1.572	.0055	.0098	252.9	-.0001	.0984
#2	-.0015	43.75	.2338	.0214	1.572	.0055	.0110	252.8	.0000	.0980
#3	-.0016	43.85	.2374	.0218	1.576	.0054	.0070	253.3	.0001	.0989

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0991	.3867	194.9	6.626	62.99	2.924	.0426	.8357	.2858	.7872
Stddev	.0001	.0002	.2	.028	.34	.002	.0006	.0042	.0019	.0052
%RSD	.0693	.0441	.1006	.4221	.5450	.0737	1.506	.4977	.6527	.6588

#1	.0991	.3867	195.0	6.656	62.76	2.923	.0432	.8400	.2844	.7825
#2	.0990	.3866	195.1	6.620	63.38	2.923	.0427	.8354	.2851	.7863
#3	.0991	.3869	194.7	6.601	62.83	2.927	.0419	.8316	.2879	.7927

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195	.0096	5.537	.0461	.5390	2.688	.0060	.1801	.8843
Stddev	.0007	.0003	.016	.0006	.0005	.004	.0011	.0001	.0066
%RSD	3.629	2.674	.2867	1.275	.0905	.1421	17.82	.0793	.7479

#1	.0188	.0093	5.529	.0458	.5385	2.684	.0054	.1801	.8818
#2	.0196	.0097	5.527	.0458	.5391	2.692	.0073	.1802	.8793
#3	.0202	.0098	5.556	.0468	.5395	2.687	.0054	.1799	.8918

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4775.3	102990.	8089.9
Stddev	55.5	145.	24.1
%RSD	1.1622	.14056	.29766

#1	4809.1	103130.	8094.6
#2	4805.6	102840.	8063.8
#3	4711.3	103010.	8111.3

Sample Name: L1925417-06,T Acquired: 6/24/2019 22:42:08 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0017	44.26	.1040	.0119	.8069	.0020	.0047	618.6	-.0004	.0979
Stddev	.0001	.11	.0024	.0005	.0019	.0000	.0006	1.2	.0001	.0003
%RSD	4.616	.2482	2.266	4.249	.2296	.4183	12.79	.2017	21.87	.2729

#1	-.0017	44.16	.1049	.0116	.8049	.0020	.0048	620.1	-.0003	.0980
#2	-.0018	44.25	.1013	.0116	.8072	.0020	.0052	617.7	-.0005	.0976
#3	-.0016	44.37	.1057	.0125	.8086	.0020	.0040	618.2	-.0003	.0981

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0625	.7093	179.5	7.580	250.1	5.074	.0206	.5091	.1340	.9969
Stddev	.0002	.0008	.7	.066	1.6	.014	.0004	.0073	.0004	.0031
%RSD	.3406	.1132	.4010	.8749	.6501	.2798	1.759	1.438	.2688	.3132

#1	.0627	.7096	178.6	7.653	251.7	5.058	.0209	.5120	.1339	.9993
#2	.0625	.7084	179.9	7.524	248.5	5.080	.0208	.5008	.1336	.9934
#3	.0623	.7099	179.9	7.564	250.3	5.084	.0202	.5146	.1344	.9981

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134	.0013	4.924	.0317	.4546	1.716	.0019	.0977	1.581
Stddev	.0011	.0009	.015	.0008	.0013	.005	.0017	.0008	.010
%RSD	8.265	65.90	.2974	2.377	.2889	.2854	90.73	.7786	.6237

#1	.0121	.0006	4.917	.0325	.4532	1.717	.0005	.0969	1.580
#2	.0142	.0023	4.914	.0315	.4550	1.711	.0013	.0980	1.572
#3	.0138	.0010	4.940	.0311	.4557	1.721	.0038	.0983	1.592

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4613.5	99953.	8005.5
Stddev	36.3	266.	24.3
%RSD	.78654	.26656	.30371

#1	4625.6	100250.	8019.8
#2	4642.3	99861.	8019.2
#3	4572.8	99745.	7977.4

Sample Name: L1925417-07,T Acquired: 6/24/2019 22:46:31 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0013	38.09	.2718	.0289	5.049	.0057	.0167	260.1	-.0016	.0896
Stddev	.0004	.25	.0017	.0002	.059	.0001	.0019	1.7	.0002	.0003
%RSD	28.03	.6530	.6333	.6412	1.174	1.302	11.55	.6389	13.22	.3469

#1	-.0018	38.30	.2704	.0290	5.117	.0058	.0174	261.4	-.0017	.0893
#2	-.0011	37.82	.2714	.0287	5.015	.0057	.0145	258.2	-.0017	.0896
#3	-.0011	38.17	.2737	.0291	5.014	.0057	.0182	260.8	-.0013	.0899

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0799	.3851	262.7	6.062	116.0	2.514	.0503	1.522	.1934	1.210
Stddev	.0005	.0006	1.3	.097	1.6	.011	.0003	.003	.0009	.007
%RSD	.6779	.1467	.4816	1.606	1.343	.4485	.5046	.1867	.4630	.5602

#1	.0802	.3857	263.3	6.071	117.2	2.524	.0500	1.522	.1929	1.205
#2	.0802	.3850	263.6	5.961	114.3	2.502	.0502	1.519	.1930	1.208
#3	.0793	.3846	261.3	6.155	116.6	2.517	.0505	1.524	.1945	1.218

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201	.0106	6.045	.0440	.6034	2.122	.0035	.1668	.9869
Stddev	.0022	.0057	.031	.0002	.0037	.002	.0015	.0003	.0064
%RSD	10.97	53.28	.5179	.5363	.6062	.1009	41.49	.1690	.6513

#1	.0178	.0043	6.024	.0437	.6066	2.120	.0050	.1670	.9826
#2	.0201	.0125	6.030	.0441	.5994	2.124	.0020	.1665	.9838
#3	.0222	.0151	6.081	.0441	.6040	2.121	.0036	.1669	.9943

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4722.0	103580.	8181.2
Stddev	43.7	213.	61.1
%RSD	.92561	.20520	.74724

#1	4743.5	103360.	8122.3
#2	4750.8	103790.	8244.4
#3	4671.7	103580.	8176.9

Sample Name: L1925417-09,T Acquired: 6/24/2019 22:50:59 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0110	56.75	.1714	.0240	.9095	.0035	-.1623	994.2	.0003	.0973
Stddev	.0004	.45	.0025	.0002	.0079	.0000	.0017	7.4	.0002	.0010
%RSD	3.299	.7951	1.466	.7016	.8709	.3082	1.050	.7397	59.62	1.014
#1	-.0108	56.23	.1741	.0239	.9005	.0035	-.1629	998.8	.0005	.0966
#2	-.0115	57.01	.1710	.0241	.9131	.0035	-.1604	985.7	.0002	.0967
#3	-.0109	57.01	.1692	.0238	.9150	.0035	-.1637	998.1	.0002	.0984
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0956	.4106	207.5	7.806	114.8	3.166	.0240	.8487	.1649	1.205
Stddev	.0007	.0006	1.4	.094	.4	.025	.0001	.0105	.0008	.008
%RSD	.7706	.1538	.6686	1.201	.3548	.8001	.4287	1.239	.5060	.6885
#1	.0956	.4100	205.9	7.705	115.1	3.136	.0239	.8366	.1643	1.201
#2	.0949	.4107	208.5	7.891	114.9	3.180	.0239	.8537	.1646	1.200
#3	.0963	.4112	208.1	7.823	114.3	3.181	.0241	.8558	.1659	1.215
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0149	.0060	19.47	.0450	.8519	2.237	.0019	.1455	1.055	
Stddev	.0012	.0023	.10	.0004	.0075	.002	.0017	.0005	.009	
%RSD	8.008	38.20	.5358	.8596	.8753	.1027	87.19	.3687	.8395	
#1	.0159	.0085	19.39	.0451	.8433	2.238	.0024	.1459	1.049	
#2	.0152	.0039	19.43	.0445	.8568	2.234	.0001	.1459	1.051	
#3	.0136	.0058	19.59	.0452	.8556	2.239	.0033	.1449	1.065	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4792.5	103330.	8418.3							
Stddev	45.4	182.	20.4							
%RSD	.94794	.17578	.24275							
#1	4827.2	103380.	8441.4							
#2	4809.2	103480.	8411.0							
#3	4741.1	103130.	8402.5							

Sample Name: L1925417-10,T Acquired: 6/24/2019 22:55:22 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0008	38.76	.1201	.0120	.5451	.0054	.0092	83.93	.0016	.1048
Stddev	.0001	.06	.0039	.0008	.0005	.0000	.0006	.15	.0002	.0011
%RSD	10.86	.1477	3.210	6.274	.0890	.7389	6.986	.1814	11.11	1.016

#1	-.0009	38.76	.1157	.0112	.5452	.0054	.0098	83.82	.0015	.1043
#2	-.0007	38.82	.1228	.0120	.5455	.0054	.0085	84.10	.0015	.1041
#3	-.0008	38.71	.1218	.0127	.5445	.0055	.0094	83.86	.0018	.1060

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0686	.3931	148.1	4.582	31.02	2.077	.0131	1.362	.1808	.9094
Stddev	.0001	.0005	.5	.036	.14	.004	.0002	.001	.0011	.0104
%RSD	.1480	.1302	.3698	.7873	.4402	.2055	1.494	.1029	.5816	1.142

#1	.0685	.3936	147.6	4.601	30.88	2.074	.0131	1.363	.1802	.9040
#2	.0686	.3931	148.7	4.604	31.04	2.082	.0130	1.361	.1802	.9027
#3	.0686	.3926	148.0	4.540	31.15	2.075	.0134	1.361	.1820	.9213

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156	.0178	7.175	.0203	.1727	.6995	.0015	.0766	1.216
Stddev	.0007	.0037	.027	.0004	.0008	.0006	.0007	.0001	.011
%RSD	4.598	20.79	.3824	2.001	.4780	.0877	44.19	.1197	.9196

#1	.0162	.0175	7.169	.0208	.1723	.6992	.0021	.0767	1.211
#2	.0148	.0217	7.151	.0201	.1737	.6990	.0017	.0766	1.208
#3	.0157	.0143	7.205	.0201	.1722	.7001	.0008	.0765	1.229

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4756.7	102740.	7813.2
Stddev	56.3	332.	26.0
%RSD	1.1835	.32329	.33241

#1	4776.4	102860.	7842.3
#2	4800.5	102370.	7805.0
#3	4693.2	103000.	7792.4

Sample Name: XL1925410-01,C Acquired: 6/24/2019 22:59:29 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0003	.0027	-.0032	-.0002	.0000	-.0003	.0177	.0001	.0001
Stddev	.0001	.0091	.0006	.0002	.0000	.0000	.0010	.0036	.0001	.0001
%RSD	27.66	3590.	21.64	6.906	22.21	149.2	313.1	20.14	108.8	118.1

#1	-.0002	-.0002	.0021	-.0031	-.0002	-.0000	-.0015	.0209	-.0000	-.0000
#2	-.0002	.0096	.0026	-.0035	-.0002	.0000	.0001	.0139	.0001	.0001
#3	-.0003	-.0087	.0032	-.0030	-.0001	.0000	.0004	.0184	.0001	.0000

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0010	-.0021	.0259	-.0128	.0030	.0002	.0003	.0467	-.0007	.0001
Stddev	.0002	.0002	.0010	.0225	.0002	.0001	.0000	.0023	.0001	.0003
%RSD	19.15	11.15	3.720	175.7	7.010	33.32	10.90	4.863	14.71	404.8

#1	-.0008	-.0020	.0270	.0055	.0030	.0002	.0004	.0491	-.0006	.0001
#2	-.0012	-.0020	.0251	-.0379	.0028	.0001	.0003	.0464	-.0009	.0004
#3	-.0010	-.0024	.0256	-.0060	.0032	.0002	.0004	.0445	-.0007	-.0002

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0027	.0036	.0575	-.0020	.0001	.0010	-.0003	-.0002	-.0001
Stddev	.0012	.0045	.0049	.0001	.0001	.0002	.0002	.0003	.0000
%RSD	45.77	126.4	8.489	7.338	81.24	22.03	53.45	135.7	33.51

#1	-.0013	.0045	.0629	-.0021	.0000	.0010	-.0003	-.0001	-.0001
#2	-.0031	.0076	.0562	-.0021	.0000	.0013	-.0005	-.0000	-.0000
#3	-.0036	-.0013	.0534	-.0019	.0002	.0008	-.0002	-.0005	-.0001

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4729.6	102480.	7531.0
Stddev	74.1	311.	11.2
%RSD	1.5667	.30379	.14885

#1	4768.7	102170.	7528.8
#2	4776.0	102790.	7521.0
#3	4644.2	102490.	7543.1

Sample Name: CCV Acquired: 6/24/2019 23:03:45 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4557	.4806	.5059	.4721	.4760	.5001	-.0015	.5214	.4707	.4673
Stddev	.0008	.0128	.0030	.0032	.0013	.0027	.0004	.0338	.0027	.0031
%RSD	.1759	2.655	.6007	.6803	.2800	.5466	24.37	6.483	.5787	.6545

#1	.4566	.4736	.5051	.4688	.4775	.5032	-.0012	.4942	.4692	.4653
#2	.4552	.4953	.5034	.4724	.4757	.4988	-.0019	.5592	.4691	.4657
#3	.4553	.4728	.5093	.4752	.4748	.4982	-.0014	.5107	.4738	.4708

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4709	.4641	.4920	4.911	.4992	.4563	.4712	9.672	.4822	.4930
Stddev	.0008	.0002	.0205	.018	.0046	.0005	.0027	.056	.0028	.0028
%RSD	.1625	.0528	4.170	.3572	.9188	.1023	.5826	.5785	.5753	.5728

#1	.4718	.4642	.4818	4.915	.5036	.4568	.4701	9.727	.4812	.4904
#2	.4705	.4638	.5156	4.927	.4994	.4559	.4691	9.615	.4800	.4927
#3	.4704	.4643	.4786	4.892	.4944	.4562	.4743	9.674	.4853	.4960

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4714	.4706	4.997	.4811	.4589	.4741	.4758	.4745	.4883
Stddev	.0025	.0046	.018	.0033	.0029	.0005	.0049	.0001	.0028
%RSD	.5246	.9671	.3659	.6814	.6360	.1003	1.024	.0186	.5662

#1	.4686	.4655	4.996	.4783	.4622	.4742	.4757	.4745	.4870
#2	.4722	.4721	4.979	.4802	.4581	.4745	.4710	.4744	.4864
#3	.4734	.4743	5.016	.4847	.4565	.4736	.4807	.4746	.4915

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4690.3	101030.	7475.5
Stddev	32.6	154.	40.0
%RSD	.69498	.15227	.53519

#1	4712.3	101210.	7436.9
#2	4705.7	100960.	7516.8
#3	4652.8	100920.	7472.9

Sample Name: CCB Acquired: 6/24/2019 23:07:59 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	-.0108	.0028	-.0019	.0004	.0004	-.0006	.0074	.0004	.0004
Stddev	.0001	.0083	.0018	.0000	.0001	.0000	.0007	.0093	.0000	.0001
%RSD	27.77	77.61	65.01	2.254	19.40	5.416	115.6	125.9	8.752	14.44

#1	.0004	-.0015	.0018	-.0019	.0005	.0004	-.0006	.0036	.0004	.0004
#2	.0003	-.0131	.0017	-.0020	.0003	.0004	-.0014	.0006	.0005	.0003
#3	.0005	-.0177	.0048	-.0019	.0005	.0004	.0001	.0181	.0004	.0004

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	-.0020	.0087	-.0145	.0055	.0005	.0014	.0620	.0003	-.0009
Stddev	.0006	.0002	.0040	.0343	.0036	.0003	.0003	.0084	.0001	.0009
%RSD	190.3	11.12	46.64	236.4	65.67	51.84	20.87	13.50	36.22	102.4

#1	.0006	-.0018	.0055	-.0024	.0092	.0007	.0018	.0605	.0002	-.0015
#2	.0006	-.0022	.0073	-.0532	.0019	.0007	.0012	.0546	.0004	.0002
#3	-.0004	-.0021	.0132	.0121	.0055	.0002	.0013	.0711	.0004	-.0013

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023	.0007	.0296	-.0000	.0004	.0007	.0010	.0005	.0005
Stddev	.0007	.0031	.0011	.0005	.0001	.0002	.0007	.0001	.0001
%RSD	32.66	420.6	3.713	2250.	33.01	32.84	70.60	17.74	25.37

#1	.0031	.0044	.0308	.0002	.0003	.0005	.0018	.0006	.0005
#2	.0019	-.0013	.0293	.0003	.0005	.0007	.0005	.0005	.0006
#3	.0018	-.0008	.0286	-.0006	.0005	.0010	.0007	.0005	.0004

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4679.3	101440.	7466.4
Stddev	65.0	461.	9.4
%RSD	1.3894	.45488	.12650

#1	4710.6	101020.	7463.4
#2	4722.8	101360.	7458.9
#3	4604.6	101940.	7477.0

Sample Name: WG1252240-1,T Acquired: 6/24/2019 23:12:15 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0011	.0129	.0019	-.0039	-.0002	.0000	-.0003	.0026	.0001	.0002
Stddev	.0004	.0055	.0017	.0009	.0003	.0000	.0011	.0051	.0000	.0001
%RSD	34.86	42.26	93.53	24.09	117.0	19.65	421.1	192.0	25.27	57.63

#1	-.0007	.0067	.0038	-.0050	-.0005	.0000	-.0003	.0050	.0001	.0002
#2	-.0014	.0169	.0004	-.0034	.0000	.0000	-.0014	.0061	.0001	.0003
#3	-.0013	.0153	.0014	-.0033	-.0002	.0000	.0009	-.0032	.0001	.0001

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0011	-.0017	.0035	-.0071	.0018	.0000	.0004	.0472	-.0010	-.0006
Stddev	.0002	.0001	.0041	.0186	.0022	.0001	.0000	.0058	.0003	.0010
%RSD	19.69	8.922	117.6	264.3	123.6	889.5	11.11	12.25	24.96	161.4

#1	-.0012	-.0018	.0077	.0097	.0015	.0001	.0004	.0539	-.0009	-.0017
#2	-.0011	-.0016	.0030	-.0271	-.0003	.0001	.0004	.0436	-.0013	.0003
#3	-.0008	-.0016	-.0004	-.0037	.0041	-.0001	.0005	.0442	-.0008	-.0005

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0037	.0002	.0263	-.0024	.0001	.0003	.0001	.0001	-.0000
Stddev	.0003	.0020	.0008	.0006	.0001	.0003	.0009	.0001	.0001
%RSD	8.059	842.1	2.928	24.78	118.2	87.47	1166.	274.8	233.3

#1	-.0034	-.0018	.0271	-.0018	.0001	.0006	-.0007	-.0001	-.0000
#2	-.0040	.0004	.0257	-.0030	-.0000	.0004	.0011	.0002	-.0001
#3	-.0036	.0022	.0259	-.0023	.0001	.0000	-.0001	.0000	.0000

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4770.5	102890.	7675.6
Stddev	68.7	327.	24.0
%RSD	1.4390	.31786	.31223

#1	4815.7	102560.	7687.4
#2	4804.3	103210.	7648.0
#3	4691.5	102890.	7691.3

Sample Name: WG1252240-2,T Acquired: 6/24/2019 23:16:31 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0462	2.006	.1336	1.018	1.949	.0507	-.0025	9.604	.0540	.4910
Stddev	.0004	.012	.0049	.005	.004	.0004	.0010	.031	.0003	.0032
%RSD	.8164	.5787	3.673	.4736	.2203	.7907	40.19	.3244	.6007	.6464

#1	.0463	2.018	.1287	1.016	1.951	.0512	-.0014	9.614	.0538	.4884
#2	.0464	1.994	.1335	1.014	1.952	.0507	-.0033	9.629	.0539	.4900
#3	.0457	2.007	.1385	1.023	1.944	.0504	-.0029	9.569	.0544	.4946

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1930	.2319	.9722	10.01	9.982	.4675	.9360	9.810	.4939	.5325
Stddev	.0008	.0002	.0078	.06	.069	.0014	.0085	.039	.0029	.0031
%RSD	.4138	.0906	.7988	.5617	.6913	.2994	.9035	.4010	.5839	.5894

#1	.1938	.2320	.9811	10.07	10.06	.4683	.9286	9.853	.4915	.5296
#2	.1927	.2316	.9692	10.00	9.966	.4684	.9341	9.803	.4931	.5320
#3	.1923	.2320	.9664	9.962	9.923	.4659	.9452	9.776	.4971	.5358

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4429	.1321	.3956	.9391	.9218	.9571	.1213	.4972	.5314
Stddev	.0175	.0024	.0012	.0116	.0019	.0022	.0024	.0014	.0038
%RSD	3.959	1.820	.3040	1.235	.2038	.2322	1.939	.2900	.7112

#1	.4238	.1337	.3952	.9299	.9238	.9583	.1187	.4985	.5292
#2	.4465	.1333	.3946	.9351	.9212	.9584	.1233	.4973	.5293
#3	.4583	.1293	.3969	.9521	.9202	.9545	.1217	.4957	.5358

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4737.8	101650.	7663.0
Stddev	37.5	130.	51.3
%RSD	.79151	.12748	.66957

#1	4758.2	101630.	7604.9
#2	4760.7	101780.	7682.1
#3	4694.5	101530.	7702.1

Sample Name: WG1252240-3,T Acquired: 6/24/2019 23:20:33 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0456	1.975	.1333	1.009	1.922	.0501	-.0023	9.509	.0534	.4850
Stddev	.0009	.007	.0014	.004	.004	.0003	.0006	.052	.0002	.0014
%RSD	2.043	.3694	1.070	.3796	.2043	.5853	28.34	.5444	.4335	.2913
#1	.0467	1.968	.1343	1.007	1.918	.0497	-.0022	9.450	.0534	.4846
#2	.0450	1.982	.1316	1.007	1.922	.0503	-.0030	9.548	.0532	.4838
#3	.0451	1.975	.1339	1.014	1.925	.0502	-.0017	9.529	.0537	.4866
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1904	.2291	.9512	9.878	9.876	.4608	.9315	9.675	.4873	.5283
Stddev	.0011	.0003	.0009	.053	.036	.0021	.0052	.029	.0015	.0014
%RSD	.5521	.1461	.0988	.5416	.3677	.4456	.5571	.2983	.2997	.2744
#1	.1911	.2294	.9508	9.864	9.834	.4585	.9271	9.644	.4865	.5281
#2	.1892	.2291	.9506	9.832	9.894	.4619	.9302	9.681	.4864	.5269
#3	.1909	.2288	.9523	9.937	9.900	.4621	.9373	9.701	.4890	.5298
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.4520	.1304	.3930	.9400	.9035	.9515	.1200	.4882	.5247	
Stddev	.0130	.0017	.0015	.0052	.0044	.0003	.0026	.0019	.0022	
%RSD	2.873	1.310	.3771	.5491	.4823	.0347	2.180	.3914	.4182	
#1	.4396	.1310	.3913	.9352	.8987	.9518	.1182	.4903	.5231	
#2	.4509	.1285	.3937	.9393	.9047	.9517	.1188	.4865	.5239	
#3	.4655	.1318	.3941	.9455	.9071	.9512	.1230	.4879	.5272	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4742.7	102130.	7680.2							
Stddev	34.9	496.	38.7							
%RSD	.73507	.48583	.50381							
#1	4764.6	101670.	7724.9							
#2	4761.0	102660.	7658.0							
#3	4702.5	102050.	7657.7							

Sample Name: L1925417-11,T Acquired: 6/24/2019 23:24:36 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0010	40.70	.1340	.0117	.4923	.0023	.0084	280.1	.0019	.0828
Stddev	.0006	.43	.0041	.0007	.0057	.0000	.0004	2.9	.0002	.0004
%RSD	57.78	1.051	3.074	6.076	1.157	.5413	4.594	1.027	11.06	.4991

#1	-.0008	40.85	.1305	.0124	.4940	.0023	.0086	281.2	.0018	.0825
#2	-.0017	41.04	.1385	.0110	.4970	.0023	.0080	282.2	.0017	.0827
#3	-.0006	40.22	.1328	.0116	.4860	.0023	.0087	276.8	.0021	.0833

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0741	.2683	149.4	5.333	100.8	2.359	.0203	.5166	.1264	1.043
Stddev	.0005	.0021	1.3	.045	.4	.026	.0015	.0101	.0008	.007
%RSD	.7011	.7719	.8915	.8371	.4123	1.098	7.491	1.957	.6638	.7062

#1	.0746	.2706	150.0	5.310	100.8	2.372	.0220	.5122	.1261	1.036
#2	.0736	.2666	150.3	5.384	101.2	2.375	.0198	.5282	.1257	1.042
#3	.0743	.2678	147.9	5.305	100.3	2.329	.0191	.5094	.1273	1.051

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0247	.0155	3.950	.0338	.2953	1.044	.0010	.0914	1.072
Stddev	.0036	.0015	.007	.0035	.0028	.005	.0012	.0003	.006
%RSD	14.50	9.851	.1769	10.34	.9462	.5269	119.8	.2766	.5682

#1	.0285	.0158	3.951	.0376	.2965	1.051	-.0004	.0913	1.070
#2	.0243	.0169	3.942	.0329	.2972	1.041	.0018	.0917	1.068
#3	.0213	.0139	3.956	.0308	.2921	1.042	.0016	.0912	1.079

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4685.8	101200.	8002.3
Stddev	39.1	629.	25.5
%RSD	.83426	.62181	.31898

#1	4697.6	100560.	8020.9
#2	4717.7	101240.	7973.2
#3	4642.2	101820.	8012.9

Sample Name: L1925417-13,T Acquired: 6/24/2019 23:28:50 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0016	56.74	.1979	.0248	1.504	.0044	.0079	615.1	.0011	.1033
Stddev	.0007	.23	.0031	.0002	.005	.0000	.0018	2.8	.0002	.0008
%RSD	42.50	.4104	1.577	.9976	.3602	.8218	23.20	.4548	17.17	.7650

#1	-.0011	56.95	.1989	.0246	1.508	.0045	.0078	617.9	.0009	.1027
#2	-.0023	56.77	.1944	.0248	1.505	.0044	.0062	612.3	.0010	.1029
#3	-.0012	56.49	.2004	.0251	1.498	.0044	.0098	615.1	.0013	.1042

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1032	.5321	194.9	6.903	229.6	3.089	.0297	.8523	.1808	1.200
Stddev	.0007	.0009	1.5	.047	.7	.014	.0002	.0080	.0012	.011
%RSD	.6807	.1723	.7585	.6741	.2898	.4587	.5701	.9424	.6713	.9007

#1	.1040	.5331	196.6	6.948	230.4	3.102	.0299	.8438	.1804	1.196
#2	.1026	.5321	194.2	6.905	229.3	3.092	.0296	.8598	.1799	1.192
#3	.1029	.5313	193.9	6.855	229.2	3.074	.0296	.8534	.1822	1.212

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167	.0067	7.740	.0648	1.408	2.712	.0020	.1944	1.072
Stddev	.0009	.0021	.038	.0001	.008	.002	.0003	.0005	.011
%RSD	5.449	30.62	.4927	.1993	.5813	.0713	17.06	.2764	.9966

#1	.0169	.0073	7.735	.0647	1.417	2.712	.0019	.1944	1.068
#2	.0158	.0084	7.705	.0650	1.405	2.710	.0023	.1950	1.064
#3	.0176	.0044	7.781	.0648	1.402	2.714	.0017	.1939	1.084

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4600.5	100270.	7993.6
Stddev	52.1	221.	37.8
%RSD	1.1334	.22050	.47319

#1	4631.7	100180.	7951.8
#2	4629.5	100120.	8025.4
#3	4540.3	100530.	8003.7

Sample Name: L1925417-14,T Acquired: 6/24/2019 23:33:13 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0025	64.45	.3718	.0275	.7725	.0184	.0138	61.04	-.0035	.1624
Stddev	.0004	.13	.0029	.0007	.0016	.0001	.0002	.19	.0000	.0013
%RSD	14.95	.1996	.7811	2.667	.2063	.5424	1.597	.3083	1.063	.7873

#1	-.0022	64.60	.3692	.0266	.7740	.0185	.0139	61.20	-.0035	.1620
#2	-.0023	64.35	.3711	.0279	.7727	.0183	.0136	60.83	-.0035	.1614
#3	-.0029	64.40	.3749	.0278	.7708	.0184	.0139	61.09	-.0035	.1639

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1663	.5205	295.1	8.510	21.95	3.974	.0776	.6954	.3296	.2061
Stddev	.0008	.0005	1.8	.042	.17	.013	.0009	.0102	.0022	.0018
%RSD	.4934	.0972	.5979	.4971	.7584	.3339	1.102	1.468	.6718	.8512

#1	.1661	.5202	293.2	8.557	22.08	3.979	.0771	.6849	.3276	.2050
#2	.1655	.5203	295.1	8.498	21.76	3.959	.0771	.7053	.3291	.2051
#3	.1672	.5211	296.8	8.475	22.01	3.984	.0786	.6962	.3320	.2081

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211	.0107	6.503	.0133	.5460	4.311	.0040	.3238	.4884
Stddev	.0011	.0017	.040	.0006	.0008	.008	.0007	.0017	.0039
%RSD	5.440	15.54	.6130	4.240	.1452	.1827	16.34	.5371	.7987

#1	.0210	.0088	6.472	.0134	.5464	4.314	.0033	.3247	.4854
#2	.0200	.0115	6.488	.0138	.5451	4.302	.0041	.3218	.4869
#3	.0223	.0117	6.548	.0127	.5465	4.317	.0047	.3250	.4928

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5491.9	118600.	9118.2
Stddev	46.6	470.	44.6
%RSD	.84902	.39643	.48917

#1	5523.2	118410.	9071.9
#2	5514.1	119140.	9160.9
#3	5438.3	118260.	9121.7

Sample Name: L1925417-15,T Acquired: 6/24/2019 23:37:26 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0026	75.14	.2231	.0256	.6894	.0094	.0160	120.8	-.0034	.1403
Stddev	.0001	.05	.0011	.0004	.0011	.0000	.0007	.1	.0002	.0009
%RSD	4.497	.0685	.4995	1.740	.1625	.2649	4.288	.1099	7.246	.6688

#1	-.0026	75.10	.2220	.0254	.6882	.0094	.0168	120.8	-.0037	.1398
#2	-.0024	75.20	.2242	.0261	.6903	.0094	.0157	120.9	-.0032	.1398
#3	-.0027	75.13	.2232	.0253	.6898	.0094	.0155	120.6	-.0035	.1414

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1697	.3620	334.1	9.820	68.89	6.016	.0695	.9391	.2781	.1856
Stddev	.0005	.0003	4.2	.016	.21	.013	.0005	.0035	.0022	.0008
%RSD	.2687	.0905	1.257	.1657	.3114	.2079	.7174	.3741	.7884	.4157

#1	.1695	.3617	336.8	9.824	69.13	6.009	.0693	.9398	.2768	.1855
#2	.1694	.3623	329.2	9.833	68.83	6.031	.0691	.9353	.2769	.1849
#3	.1703	.3620	336.2	9.802	68.72	6.009	.0701	.9422	.2806	.1864

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211	-.0022	8.762	.0192	.4365	2.911	.0040	.2093	.7017
Stddev	.0016	.0028	.064	.0009	.0009	.004	.0008	.0006	.0047
%RSD	7.634	127.2	.7264	4.802	.2131	.1479	20.20	.2760	.6704

#1	.0200	-.0011	8.732	.0191	.4355	2.909	.0033	.2097	.7000
#2	.0229	-.0054	8.719	.0202	.4373	2.908	.0038	.2087	.6981
#3	.0204	-.0001	8.835	.0183	.4368	2.916	.0048	.2097	.7070

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5197.4	112200.	8697.2
Stddev	29.6	129.	9.3
%RSD	.56890	.11474	.10638

#1	5219.1	112310.	8687.1
#2	5209.3	112230.	8705.2
#3	5163.7	112060.	8699.5

Sample Name: L1925417-16,T Acquired: 6/24/2019 23:41:41 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0030	87.60	.3800	.0195	1.034	.0131	.0132	59.28	-.0043	.2360
Stddev	.0003	.32	.0018	.0006	.004	.0001	.0022	.16	.0002	.0013
%RSD	11.14	.3688	.4641	3.271	.4217	.4548	16.86	.2686	5.644	.5320

#1	-.0033	87.94	.3820	.0201	1.038	.0131	.0150	59.46	-.0041	.2352
#2	-.0027	87.58	.3795	.0189	1.034	.0132	.0141	59.23	-.0046	.2354
#3	-.0030	87.30	.3786	.0195	1.029	.0130	.0107	59.16	-.0044	.2375

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1447	.5202	424.1	8.797	36.04	6.873	.0646	.5788	.5196	.2477
Stddev	.0007	.0007	4.4	.027	.17	.020	.0006	.0012	.0032	.0013
%RSD	.4604	.1257	1.033	.3054	.4845	.2895	.9483	.2097	.6119	.5103

#1	.1441	.5197	419.1	8.828	35.85	6.893	.0641	.5802	.5170	.2468
#2	.1454	.5209	426.7	8.779	36.19	6.872	.0643	.5784	.5187	.2471
#3	.1447	.5200	426.6	8.784	36.07	6.853	.0653	.5779	.5231	.2491

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0274	-.0049	7.006	.0220	.4017	3.614	.0079	.3040	1.127
Stddev	.0018	.0040	.050	.0004	.0012	.003	.0004	.0002	.009
%RSD	6.586	83.16	.7121	1.680	.3073	.0709	4.743	.0625	.7697

#1	.0278	-.0011	6.969	.0218	.4028	3.611	.0082	.3040	1.123
#2	.0254	-.0091	6.986	.0224	.4018	3.617	.0075	.3041	1.122
#3	.0290	-.0043	7.062	.0218	.4004	3.614	.0081	.3038	1.137

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5722.0	123680.	9599.9
Stddev	38.0	845.	43.3
%RSD	.66438	.68300	.45132

#1	5746.8	124510.	9648.9
#2	5741.0	123700.	9584.3
#3	5678.2	122820.	9566.5

Sample Name: L1925130-01,T Acquired: 6/24/2019 23:45:55 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0015	.8268	.0050	.0026	1.844	-.0007	-.0001	409.4	-.0000	.0042
Stddev	.0003	.0056	.0018	.0006	.006	.0000	.0013	4.0	.0000	.0003
%RSD	21.02	.6741	35.38	22.43	.3399	.9919	1076.	.9850	209.2	7.170

#1	-.0013	.8294	.0042	.0028	1.842	-.0007	-.0008	409.0	-.0001	.0045
#2	-.0019	.8306	.0038	.0019	1.839	-.0007	-.0009	413.6	-.0000	.0039
#3	-.0014	.8204	.0070	.0030	1.851	-.0007	.0013	405.5	.0000	.0043

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045	.0224	.7398	192.3	.1348	.0057	.0248	158.9	.0035	.0032
Stddev	.0003	.0002	.0088	.5	.0043	.0004	.0002	1.9	.0001	.0004
%RSD	6.483	.6747	1.190	.2719	3.199	6.538	.8596	1.196	3.727	12.96

#1	.0046	.0224	.7297	192.1	.1392	.0053	.0246	160.7	.0035	.0028
#2	.0047	.0226	.7459	191.9	.1344	.0060	.0247	156.9	.0034	.0033
#3	.0041	.0223	.7439	192.9	.1307	.0059	.0250	159.2	.0037	.0036

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0054	.0021	.8809	.0011	15.84	.0129	-.0006	.0003	.0082
Stddev	.0014	.0025	.0063	.0005	.07	.0003	.0005	.0001	.0001
%RSD	25.17	115.6	.7099	50.76	.4168	2.439	76.80	32.28	1.443

#1	-.0070	.0027	.8877	.0014	15.85	.0127	-.0012	.0003	.0084
#2	-.0046	-.0006	.8754	.0013	15.89	.0127	-.0003	.0002	.0081
#3	-.0047	.0042	.8797	.0004	15.77	.0132	-.0004	.0004	.0082

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4375.5	95633.	7716.4
Stddev	54.0	224.	9.8
%RSD	1.2330	.23374	.12715

#1	4407.2	95423.	7727.4
#2	4406.0	95868.	7712.9
#3	4313.2	95610.	7708.7

Sample Name: XL192510-01,C Acquired: 6/24/2019 23:50:35 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0196	.0023	-.0032	.0005	.0000	.0019	.1173	.0001	.0001
Stddev	.0006	.0062	.0012	.0006	.0001	.0000	.0001	.0044	.0001	.0001
%RSD	558.1	31.53	54.21	18.16	19.68	116.4	6.934	3.769	107.8	124.5

#1	.0006	.0162	.0024	-.0038	.0005	.0000	.0021	.1123	.0001	.0002
#2	-.0004	.0158	.0034	-.0031	.0006	.0000	.0018	.1190	.0001	-.0001
#3	-.0006	.0267	.0010	-.0026	.0004	-.0000	.0019	.1206	-.0000	.0002

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	-.0026	.0348	.0457	.0053	.0009	.0005	.1029	.0005	-.0009
Stddev	.0005	.0001	.0013	.0624	.0014	.0004	.0001	.0065	.0002	.0008
%RSD	84.51	4.363	3.650	136.5	27.54	43.64	11.42	6.286	41.19	87.35

#1	.0010	-.0025	.0347	.1102	.0055	.0012	.0006	.1070	.0007	-.0002
#2	.0000	-.0027	.0336	.0415	.0037	.0004	.0005	.1062	.0003	-.0007
#3	.0007	-.0027	.0361	-.0145	.0066	.0010	.0005	.0954	.0005	-.0017

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0031	-.0002	.0439	-.0005	.0041	.0011	-.0003	.0001	.0018
Stddev	.0019	.0022	.0033	.0003	.0002	.0001	.0006	.0001	.0000
%RSD	62.76	1420.	7.519	59.77	4.217	11.79	197.7	119.4	.4217

#1	-.0010	-.0024	.0470	-.0009	.0042	.0012	.0004	-.0000	.0018
#2	-.0049	-.0001	.0444	-.0004	.0039	.0010	-.0006	.0001	.0018
#3	-.0034	.0020	.0405	-.0003	.0042	.0011	-.0007	.0002	.0018

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4755.3	104010.	7645.5
Stddev	85.1	429.	34.6
%RSD	1.7897	.41268	.45268

#1	4803.0	103640.	7684.6
#2	4805.8	104480.	7618.8
#3	4657.0	103910.	7633.2

Sample Name: CCV Acquired: 6/24/2019 23:54:52 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4490	.4686	.5041	.4679	.4748	.4958	-.0014	.4879	.4703	.4660
Stddev	.0014	.0103	.0040	.0025	.0011	.0074	.0014	.0020	.0031	.0027
%RSD	.3151	2.207	.7978	.5262	.2264	1.492	102.5	.4063	.6488	.5783

#1	.4481	.4790	.5035	.4672	.4759	.5036	-.0013	.4877	.4689	.4645
#2	.4507	.4584	.5004	.4658	.4746	.4948	-.0001	.4900	.4683	.4643
#3	.4483	.4685	.5083	.4706	.4738	.4890	-.0029	.4861	.4739	.4691

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4681	.4619	.4581	4.831	.4893	.4519	.4694	9.591	.4806	.4917
Stddev	.0008	.0011	.0046	.012	.0046	.0013	.0029	.033	.0028	.0037
%RSD	.1688	.2333	.9961	.2432	.9461	.2968	.6269	.3472	.5779	.7598

#1	.4678	.4629	.4633	4.838	.4936	.4534	.4678	9.609	.4797	.4902
#2	.4690	.4608	.4546	4.817	.4899	.4510	.4676	9.612	.4784	.4889
#3	.4675	.4622	.4566	4.837	.4844	.4512	.4728	9.553	.4837	.4960

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4669	.4674	4.959	.4808	.4514	.4723	.4717	.4701	.4882
Stddev	.0040	.0014	.025	.0042	.0021	.0010	.0008	.0005	.0038
%RSD	.8614	.3097	.5120	.8801	.4645	.2206	.1629	.1166	.7696

#1	.4631	.4666	4.951	.4795	.4537	.4730	.4724	.4698	.4867
#2	.4665	.4666	4.940	.4774	.4507	.4711	.4709	.4707	.4855
#3	.4711	.4691	4.988	.4856	.4497	.4729	.4719	.4697	.4925

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4698.6	102090.	7545.7
Stddev	41.4	545.	63.7
%RSD	.88064	.53388	.84430

#1	4724.2	102220.	7479.6
#2	4720.8	101500.	7550.8
#3	4650.9	102560.	7606.7

Sample Name: CCB Acquired: 6/24/2019 23:59:05 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0008	.0069	.0042	-.0027	.0005	.0004	.0004	.0091	.0003	.0003
Stddev	.0005	.0012	.0023	.0004	.0001	.0000	.0003	.0015	.0000	.0001
%RSD	55.14	17.16	53.81	13.99	28.41	13.35	93.16	16.18	8.640	21.28
#1	-.0004	.0058	.0017	-.0030	.0006	.0004	.0005	.0083	.0003	.0004
#2	-.0008	.0082	.0049	-.0023	.0006	.0004	-.0000	.0082	.0003	.0003
#3	-.0013	.0068	.0061	-.0028	.0004	.0003	.0006	.0108	.0003	.0003

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	-.0024	.0080	-.0204	-.0001	.0007	.0012	.0592	-.0002	-.0004
Stddev	.0000	.0003	.0025	.0262	.0009	.0002	.0005	.0084	.0003	.0011
%RSD	35.81	12.54	31.02	127.9	896.8	34.08	40.05	14.16	134.1	290.4
#1	-.0001	-.0025	.0071	-.0369	-.0006	.0009	.0015	.0689	-.0003	-.0000
#2	-.0001	-.0026	.0062	-.0341	.0009	.0004	.0013	.0540	-.0005	.0005
#3	-.0002	-.0020	.0108	.0097	-.0006	.0007	.0006	.0547	.0001	-.0016

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021	-.0010	.0256	-.0015	.0007	.0008	.0017	.0000	.0001
Stddev	.0009	.0022	.0011	.0013	.0002	.0003	.0004	.0001	.0001
%RSD	43.77	215.7	4.111	91.18	22.73	42.32	24.14	555.8	72.25
#1	.0031	.0002	.0268	-.0005	.0006	.0012	.0016	.0002	.0000
#2	.0020	-.0036	.0253	-.0009	.0009	.0006	.0021	-.0001	.0001
#3	.0013	.0003	.0247	-.0030	.0008	.0006	.0013	-.0000	.0003

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4693.7	102680.	7512.0
Stddev	51.6	54.	26.4
%RSD	1.1004	.05298	.35124
#1	4732.1	102620.	7509.2
#2	4714.0	102720.	7487.1
#3	4634.9	102710.	7539.6

Sample Name: WG1252150-1,S Acquired: 6/25/2019 0:03:21 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0049	.0020	-.0038	-.0000	.0001	-.0001	.0093	.0001	.0002
Stddev	.0004	.0094	.0019	.0004	.0000	.0000	.0006	.0047	.0001	.0000
%RSD	682.9	190.1	92.44	11.11	31.03	11.27	537.6	50.41	40.22	24.03

#1	-.0003	.0092	.0004	-.0034	-.0000	.0001	-.0007	.0132	.0002	.0002
#2	-.0001	-.0058	.0041	-.0037	-.0000	.0001	-.0002	.0041	.0001	.0001
#3	.0006	.0114	.0015	-.0043	-.0000	.0001	.0005	.0107	.0001	.0002

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0005	-.0026	.0062	.0195	.0025	-.0002	.0006	.0403	-.0007	-.0004
Stddev	.0001	.0003	.0028	.0295	.0010	.0002	.0001	.0034	.0001	.0012
%RSD	23.10	11.01	45.42	151.0	41.28	101.3	18.71	8.555	21.08	289.6

#1	-.0005	-.0029	.0060	-.0144	.0025	-.0001	.0005	.0386	-.0008	-.0017
#2	-.0005	-.0027	.0035	.0338	.0034	-.0005	.0007	.0442	-.0006	-.0002
#3	-.0007	-.0023	.0091	.0392	.0014	-.0001	.0007	.0379	-.0006	.0007

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0014	-.0015	.0214	-.0017	.0004	.0006	.0005	.0001	.0000
Stddev	.0005	.0017	.0002	.0010	.0001	.0003	.0007	.0002	.0002
%RSD	35.82	113.1	1.155	61.34	32.02	47.79	149.9	225.5	3574.

#1	-.0019	-.0030	.0217	-.0009	.0003	.0008	.0003	.0002	.0002
#2	-.0009	.0003	.0215	-.0028	.0004	.0003	.0012	.0000	-.0000
#3	-.0013	-.0018	.0212	-.0012	.0006	.0008	-.0001	-.0000	-.0002

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4789.4	104690.	7733.2
Stddev	64.1	250.	38.8
%RSD	1.3374	.23887	.50198

#1	4831.0	104600.	7697.5
#2	4821.5	104970.	7774.5
#3	4715.6	104500.	7727.4

Sample Name: WG1252150-2,S Acquired: 6/25/2019 0:07:37 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0456	1.961	.1315	.9990	1.909	.0498	-.0025	9.444	.0532	.4815
Stddev	.0001	.006	.0016	.0064	.003	.0002	.0019	.059	.0004	.0028
%RSD	.1852	.3106	1.206	.6364	.1518	.5000	76.91	.6297	.7810	.5897

#1	.0457	1.954	.1323	.9951	1.910	.0497	-.0008	9.434	.0529	.4805
#2	.0456	1.965	.1325	.9956	1.912	.0501	-.0022	9.508	.0530	.4793
#3	.0455	1.964	.1297	1.006	1.906	.0496	-.0046	9.390	.0536	.4847

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1879	.2262	.9266	9.896	9.772	.4547	.9244	9.604	.4839	.5232
Stddev	.0007	.0006	.0027	.015	.078	.0018	.0072	.024	.0028	.0025
%RSD	.3561	.2569	.2916	.1509	.7956	.4003	.7782	.2455	.5738	.4793

#1	.1879	.2262	.9238	9.885	9.757	.4537	.9190	9.622	.4832	.5241
#2	.1885	.2268	.9292	9.890	9.856	.4568	.9215	9.612	.4816	.5203
#3	.1872	.2256	.9269	9.913	9.703	.4535	.9325	9.577	.4870	.5251

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4332	.1280	.3822	.9343	.8954	.9434	.1187	.4829	.5225
Stddev	.0145	.0019	.0011	.0075	.0013	.0023	.0005	.0009	.0032
%RSD	3.341	1.522	.2999	.8066	.1417	.2430	.4570	.1924	.6109

#1	.4196	.1280	.3814	.9290	.8945	.9440	.1188	.4838	.5212
#2	.4317	.1261	.3818	.9310	.8968	.9454	.1181	.4830	.5201
#3	.4484	.1300	.3836	.9430	.8948	.9409	.1191	.4820	.5261

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4743.0	102640.	7685.9
Stddev	45.6	131.	28.4
%RSD	.96047	.12737	.36954

#1	4774.6	102790.	7701.9
#2	4763.7	102540.	7653.1
#3	4690.8	102580.	7702.6

Sample Name: WG1252150-3,S Acquired: 6/25/2019 0:11:40 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0456	1.939	.1314	.9939	1.896	.0493	-.0024	9.384	.0529	.4794
Stddev	.0009	.019	.0010	.0047	.007	.0002	.0004	.051	.0002	.0020
%RSD	1.893	.9995	.7240	.4745	.3488	.4421	16.28	.5439	.3565	.4200

#1	.0465	1.956	.1314	.9912	1.897	.0495	-.0028	9.433	.0530	.4794
#2	.0448	1.918	.1324	.9911	1.889	.0493	-.0025	9.331	.0527	.4774
#3	.0456	1.944	.1305	.9993	1.902	.0491	-.0020	9.387	.0530	.4814

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1875	.2253	.9235	9.906	9.786	.4534	.9257	9.542	.4803	.5254
Stddev	.0009	.0010	.0055	.039	.077	.0015	.0055	.033	.0019	.0019
%RSD	.4705	.4564	.5944	.3920	.7825	.3414	.5944	.3488	.3882	.3621

#1	.1878	.2258	.9297	9.945	9.869	.4549	.9221	9.578	.4800	.5270
#2	.1881	.2259	.9194	9.867	9.771	.4518	.9229	9.512	.4786	.5233
#3	.1865	.2241	.9214	9.906	9.718	.4534	.9320	9.537	.4823	.5259

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4406	.1320	.3767	.9366	.8909	.9489	.1207	.4814	.5197
Stddev	.0133	.0016	.0020	.0044	.0038	.0023	.0011	.0013	.0024
%RSD	3.010	1.177	.5250	.4653	.4223	.2466	.8938	.2740	.4673

#1	.4279	.1307	.3755	.9338	.8937	.9484	.1214	.4825	.5195
#2	.4395	.1316	.3756	.9344	.8867	.9514	.1194	.4817	.5174
#3	.4544	.1337	.3790	.9416	.8924	.9468	.1211	.4799	.5222

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4734.7	102370.	7685.0
Stddev	34.1	433.	55.5
%RSD	.71940	.42300	.72236

#1	4747.6	101870.	7623.4
#2	4760.4	102550.	7700.3
#3	4696.0	102680.	7731.3

Sample Name: L1925140-23,S Acquired: 6/25/2019 0:15:44 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	-.0052	.0039	.0120	.0244	.0000	.0006	9.282	.0001	.0050
Stddev	.0006	.0105	.0023	.0006	.0001	.0000	.0009	.066	.0001	.0001
%RSD	251.9	201.9	59.42	4.883	.5573	70.01	157.6	.7095	57.37	1.582

#1	.0004	.0054	.0065	.0127	.0243	.0000	-.0004	9.208	.0002	.0050
#2	-.0004	-.0055	.0033	.0116	.0245	.0000	.0013	9.302	.0000	.0051
#3	-.0007	-.0155	.0020	.0118	.0243	.0000	.0009	9.335	.0002	.0049

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0010	-.0027	.1247	1.824	2.958	.2389	.0057	18.08	.0004	.0000
Stddev	.0001	.0004	.0021	.012	.014	.0020	.0009	.10	.0000	.0004
%RSD	5.438	13.37	1.668	.6319	.4799	.8238	16.23	.5328	2.690	1639.

#1	-.0009	-.0023	.1223	1.814	2.947	.2366	.0068	17.97	.0004	-.0004
#2	-.0010	-.0030	.1257	1.837	2.953	.2398	.0054	18.12	.0004	.0004
#3	-.0010	-.0028	.1260	1.822	2.974	.2402	.0050	18.15	.0004	.0001

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104	-.0003	8.246	.0084	.0520	.0013	-.0003	.0001	.0135
Stddev	.0025	.0033	.039	.0013	.0002	.0003	.0016	.0002	.0002
%RSD	24.48	1180.	.4707	15.67	.4391	26.68	522.9	267.9	1.240

#1	.0133	-.0031	8.234	.0099	.0518	.0015	-.0021	-.0001	.0133
#2	.0091	-.0011	8.214	.0077	.0520	.0009	.0001	.0003	.0135
#3	.0087	.0033	8.289	.0076	.0523	.0014	.0011	.0000	.0136

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4754.2	103480.	7771.7
Stddev	58.1	397.	61.9
%RSD	1.2212	.38318	.79644

#1	4796.9	103910.	7838.3
#2	4777.5	103420.	7760.7
#3	4688.1	103120.	7716.0

Sample Name: WG1252150-4,S Acquired: 6/25/2019 0:19:58 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0453	1.981	.1353	1.028	1.966	.0505	-.0019	18.46	.0539	.4912
Stddev	.0001	.012	.0019	.005	.002	.0005	.0008	.06	.0004	.0032
%RSD	.2093	.6164	1.413	.4897	.1099	.9957	42.88	.3195	.6722	.6594

#1	.0452	1.980	.1337	1.025	1.968	.0506	-.0026	18.48	.0536	.4883
#2	.0454	1.994	.1348	1.026	1.968	.0509	-.0010	18.50	.0538	.4907
#3	.0453	1.970	.1374	1.034	1.964	.0499	-.0022	18.39	.0543	.4947

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1904	.2302	1.064	11.70	12.55	.6903	.9387	27.03	.4875	.5277
Stddev	.0011	.0016	.009	.06	.10	.0041	.0089	.06	.0025	.0060
%RSD	.5630	.6798	.8405	.5266	.8044	.5890	.9486	.2300	.5137	1.141

#1	.1899	.2302	1.067	11.76	12.55	.6907	.9303	27.02	.4852	.5231
#2	.1916	.2318	1.071	11.64	12.64	.6942	.9380	27.09	.4873	.5256
#3	.1897	.2286	1.054	11.70	12.44	.6861	.9480	26.97	.4902	.5345

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4525	.1321	8.470	.9506	.9504	.9595	.1202	.4915	.5442
Stddev	.0135	.0022	.038	.0089	.0046	.0061	.0010	.0026	.0032
%RSD	2.990	1.637	.4520	.9399	.4868	.6321	.8400	.5311	.5929

#1	.4386	.1297	8.429	.9419	.9513	.9562	.1191	.4916	.5417
#2	.4534	.1329	8.477	.9502	.9545	.9665	.1205	.4941	.5431
#3	.4656	.1338	8.505	.9598	.9454	.9557	.1211	.4889	.5478

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4715.1	102100.	7722.1
Stddev	37.0	176.	52.8
%RSD	.78500	.17218	.68433

#1	4741.9	102120.	7699.9
#2	4730.6	101910.	7684.0
#3	4672.9	102260.	7782.4

Sample Name: WG1252150-4,S Acquired: 6/25/2019 0:24:00 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0455	2.000	.1358	1.030	1.976	.0508	-.0009	18.56	.0537	.4909
Stddev	.0006	.007	.0014	.003	.003	.0002	.0008	.07	.0001	.0020
%RSD	1.335	.3615	1.053	.2687	.1442	.3999	87.56	.3671	.2595	.4074

#1	.0456	1.995	.1358	1.027	1.973	.0509	-.0009	18.54	.0537	.4895
#2	.0449	2.008	.1343	1.029	1.979	.0506	-.0016	18.64	.0536	.4901
#3	.0461	1.997	.1372	1.033	1.976	.0510	-.0001	18.51	.0539	.4932

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1903	.2319	1.064	11.80	12.57	.6938	.9400	27.19	.4867	.5275
Stddev	.0009	.0009	.003	.01	.05	.0019	.0060	.02	.0014	.0022
%RSD	.4544	.3912	.2685	.0544	.3860	.2674	.6401	.0562	.2798	.4145

#1	.1900	.2326	1.064	11.80	12.59	.6931	.9348	27.21	.4856	.5277
#2	.1913	.2322	1.061	11.80	12.51	.6960	.9387	27.18	.4863	.5253
#3	.1896	.2308	1.066	11.79	12.60	.6925	.9466	27.19	.4882	.5296

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4614	.1287	8.478	.9524	.9545	.9610	.1194	.4923	.5424
Stddev	.0125	.0018	.029	.0065	.0015	.0026	.0021	.0023	.0019
%RSD	2.706	1.383	.3474	.6797	.1570	.2727	1.739	.4764	.3514

#1	.4490	.1267	8.452	.9466	.9535	.9623	.1174	.4932	.5412
#2	.4612	.1299	8.472	.9511	.9537	.9627	.1192	.4940	.5415
#3	.4740	.1297	8.510	.9594	.9562	.9579	.1215	.4896	.5446

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4728.0	102560.	7722.5
Stddev	30.5	393.	22.8
%RSD	.64576	.38368	.29518

#1	4741.3	102590.	7725.7
#2	4749.6	102150.	7743.5
#3	4693.1	102930.	7698.3

Sample Name: WG1252150-5,S Acquired: 6/25/2019 0:28:03 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0448	1.943	.1332	1.015	1.925	.0495	-.0010	18.57	.0526	.4805
Stddev	.0000	.007	.0030	.010	.001	.0005	.0015	.04	.0005	.0045
%RSD	.0220	.3551	2.272	.9885	.0333	.9679	150.4	.2079	.8585	.9303
#1	.0448	1.939	.1297	1.008	1.925	.0495	.0002	18.60	.0524	.4773
#2	.0448	1.939	.1350	1.010	1.925	.0499	-.0027	18.59	.0523	.4786
#3	.0447	1.951	.1349	1.026	1.926	.0490	-.0005	18.53	.0531	.4856
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1862	.2243	1.043	11.59	12.41	.6871	.9257	27.34	.4773	.5130
Stddev	.0004	.0008	.006	.04	.13	.0010	.0114	.08	.0050	.0059
%RSD	.2339	.3494	.6138	.3402	1.026	.1423	1.236	.3063	1.048	1.152
#1	.1862	.2247	1.046	11.58	12.45	.6881	.9158	27.36	.4742	.5085
#2	.1858	.2234	1.048	11.63	12.51	.6861	.9232	27.41	.4745	.5108
#3	.1867	.2248	1.036	11.56	12.27	.6872	.9382	27.25	.4830	.5197
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.4540	.1274	8.717	.9369	.9351	.9419	.1172	.4812	.5317	
Stddev	.0142	.0031	.076	.0113	.0025	.0010	.0008	.0007	.0055	
%RSD	3.127	2.437	.8762	1.208	.2677	.1099	.6844	.1364	1.043	
#1	.4393	.1255	8.664	.9286	.9366	.9431	.1164	.4819	.5276	
#2	.4550	.1258	8.681	.9324	.9365	.9415	.1171	.4808	.5295	
#3	.4677	.1310	8.804	.9498	.9322	.9411	.1180	.4808	.5380	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4753.0	102720.	7758.1							
Stddev	51.6	354.	57.3							
%RSD	1.0858	.34511	.73879							
#1	4791.2	102590.	7750.5							
#2	4773.5	103120.	7705.0							
#3	4694.3	102440.	7818.9							

Sample Name: WG1252150-5,S Acquired: 6/25/2019 0:32:06 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0449	1.947	.1330	1.019	1.930	.0495	-.0017	18.60	.0529	.4842
Stddev	.0003	.015	.0015	.008	.001	.0003	.0013	.02	.0004	.0035
%RSD	.6757	.7561	1.164	.7546	.0264	.6470	75.98	.0950	.7757	.7288
#1	.0448	1.955	.1315	1.012	1.930	.0498	-.0014	18.62	.0526	.4820
#2	.0447	1.931	.1330	1.016	1.931	.0495	-.0006	18.60	.0526	.4822
#3	.0453	1.957	.1346	1.027	1.930	.0491	-.0031	18.58	.0534	.4882
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1860	.2262	1.045	11.64	12.45	.6878	.9329	27.39	.4796	.5191
Stddev	.0008	.0003	.003	.04	.05	.0012	.0075	.02	.0032	.0033
%RSD	.4311	.1435	.3196	.3538	.4277	.1808	.8032	.0573	.6756	.6266
#1	.1852	.2266	1.046	11.67	12.50	.6881	.9269	27.38	.4769	.5182
#2	.1868	.2262	1.047	11.60	12.44	.6865	.9306	27.41	.4788	.5164
#3	.1859	.2259	1.041	11.66	12.39	.6889	.9413	27.39	.4832	.5228
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.4591	.1283	8.766	.9474	.9371	.9460	.1175	.4799	.5352	
Stddev	.0124	.0024	.059	.0069	.0015	.0023	.0013	.0018	.0043	
%RSD	2.692	1.889	.6769	.7294	.1594	.2387	1.124	.3699	.8055	
#1	.4464	.1310	8.718	.9448	.9363	.9453	.1160	.4780	.5328	
#2	.4599	.1276	8.747	.9422	.9388	.9486	.1185	.4815	.5326	
#3	.4711	.1263	8.832	.9553	.9361	.9442	.1180	.4803	.5402	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4730.5	103130.	7766.4							
Stddev	38.6	636.	17.6							
%RSD	.81512	.61619	.22611							
#1	4750.9	103860.	7750.1							
#2	4754.7	102700.	7764.2							
#3	4686.1	102830.	7785.0							

Sample Name: WG1252150-6,S,5 Acquired: 6/25/2019 0:36:10 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0003	.0036	.0012	.0015	.0048	-.0000	.0013	1.832	.0000	.0009
Stddev	.0002	.0068	.0027	.0003	.0001	.0000	.0004	.017	.0000	.0001
%RSD	77.74	189.5	218.5	23.27	2.933	377.4	31.58	.9209	72.05	10.69

#1	-.0004	.0004	.0038	.0018	.0049	-.0000	.0015	1.850	.0001	.0009
#2	-.0004	.0114	.0014	.0012	.0049	.0000	.0016	1.817	.0000	.0008
#3	-.0000	-.0010	-.0016	.0013	.0047	-.0000	.0008	1.829	.0000	.0010

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	-.0032	.0233	.3553	.5890	.0473	.0071	3.597	.0000	.0001
Stddev	.0002	.0002	.0015	.0384	.0079	.0008	.0012	.045	.0004	.0004
%RSD	40.31	6.132	6.350	10.80	1.341	1.680	16.28	1.261	1420.	257.8

#1	.0002	-.0033	.0219	.3955	.5976	.0481	.0084	3.647	.0000	.0005
#2	.0006	-.0034	.0249	.3515	.5874	.0465	.0067	3.558	-.0003	.0002
#3	.0005	-.0030	.0231	.3190	.5821	.0473	.0062	3.586	.0004	-.0003

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159	-.0010	1.594	.0117	.0103	.0014	-.0000	.0003	.0027
Stddev	.0030	.0004	.018	.0016	.0001	.0001	.0003	.0005	.0002
%RSD	19.12	42.05	1.150	13.31	.5452	8.903	1449.	145.9	6.460

#1	.0193	-.0010	1.580	.0134	.0104	.0015	-.0002	.0001	.0025
#2	.0151	-.0006	1.587	.0113	.0103	.0014	-.0003	.0000	.0028
#3	.0134	-.0014	1.615	.0104	.0103	.0012	.0004	.0009	.0029

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4715.6	103870.	7654.0
Stddev	64.4	396.	79.9
%RSD	1.3651	.38157	1.0434

#1	4745.0	103860.	7564.5
#2	4760.1	104280.	7679.5
#3	4641.8	103490.	7718.0

Sample Name: XL192510-02,C Acquired: 6/25/2019 0:40:25 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0175	.0032	-.0020	.0002	.0000	.0004	.0129	.0001	.0002
Stddev	.0004	.0079	.0012	.0006	.0002	.0000	.0007	.0041	.0000	.0000
%RSD	387.4	45.22	38.05	29.78	80.80	223.1	163.0	31.97	17.04	20.95

#1	.0003	.0267	.0018	-.0025	.0001	.0000	.0001	.0118	.0001	.0002
#2	-.0003	.0126	.0039	-.0013	.0002	-.0000	-.0001	.0094	.0001	.0002
#3	-.0003	.0133	.0040	-.0022	.0004	.0000	.0012	.0174	.0001	.0001

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	-.0033	.0458	-.0115	.0111	.0008	.0022	.0272	-.0002	-.0003
Stddev	.0003	.0002	.0026	.0197	.0006	.0003	.0003	.0074	.0002	.0007
%RSD	340.8	5.682	5.663	171.0	5.326	34.05	12.37	27.07	96.58	259.1

#1	.0002	-.0033	.0485	.0041	.0116	.0008	.0023	.0225	-.0005	.0004
#2	-.0004	-.0032	.0455	-.0337	.0113	.0010	.0023	.0357	-.0003	-.0003
#3	-.0000	-.0035	.0433	-.0049	.0105	.0005	.0019	.0234	.0000	-.0010

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0007	.0025	.0028	.0001	.0013	.0007	.0002	.0015
Stddev	.0008	.0029	.0010	.0007	.0001	.0002	.0008	.0001	.0001
%RSD	268.6	426.1	41.00	26.59	42.92	16.08	104.1	43.64	7.771

#1	.0011	-.0007	.0036	.0022	.0001	.0012	.0008	.0002	.0013
#2	.0003	-.0013	.0016	.0025	.0001	.0012	-.0000	.0001	.0016
#3	-.0005	.0040	.0021	.0036	.0002	.0016	.0015	.0002	.0015

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4770.2	105170.	7779.8
Stddev	77.9	643.	36.9
%RSD	1.6336	.61142	.47482

#1	4824.7	105530.	7760.3
#2	4805.1	105560.	7822.4
#3	4681.0	104430.	7756.7

Sample Name: CCV Acquired: 6/25/2019 0:44:41 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .4438	.4767	.5049	.4662	.4718	.4884	.0003	.4734	.4694	.4646
Stddev	.0012	.0112	.0021	.0012	.0012	.0039	.0028	.0055	.0024	.0021
%RSD	.2660	2.358	.4215	.2570	.2586	.7901	937.2	1.165	.5020	.4533

#1	.4439	.4884	.5041	.4662	.4730	.4904	-.0027	.4757	.4683	.4641
#2	.4426	.4660	.5034	.4651	.4705	.4840	.0030	.4774	.4677	.4627
#3	.4450	.4758	.5074	.4675	.4718	.4909	.0006	.4671	.4721	.4669

Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit	.5524									
Low Limit	.4476									

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4637	.4602	F .4343	4.789	.4785	F .4475	.4702	9.471	.4791	.4907
Stddev	.0007	.0009	.0034	.014	.0038	.0013	.0022	.028	.0023	.0038
%RSD	.1557	.1996	.7836	.2999	.7848	.2794	.4607	.2949	.4795	.7742

#1	.4643	.4607	.4372	4.806	.4795	.4487	.4691	9.497	.4784	.4886
#2	.4629	.4608	.4305	4.778	.4743	.4462	.4689	9.442	.4773	.4884
#3	.4639	.4592	.4350	4.785	.4817	.4477	.4727	9.473	.4817	.4951

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.5524			.5524				
Low Limit			.4476			.4476				

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4692	.4673	4.921	.4859	F .4443	.4708	.4714	.4666	.4878
Stddev	.0019	.0011	.007	.0025	.0016	.0010	.0018	.0006	.0028
%RSD	.4136	.2338	.1409	.5046	.3653	.2033	.3771	.1374	.5759

#1	.4671	.4679	4.921	.4856	.4450	.4697	.4704	.4658	.4869
#2	.4696	.4660	4.914	.4836	.4424	.4713	.4703	.4669	.4856
#3	.4710	.4680	4.927	.4885	.4454	.4714	.4734	.4670	.4910

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					.5524				
Low Limit					.4476				

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4712.8	102690.	7620.3
Stddev	38.3	484.	53.8
%RSD	.81197	.47101	.70618

#1	4742.5	102140.	7598.0
#2	4726.4	102870.	7681.7
#3	4669.6	103060.	7581.2

Sample Name: CCB Acquired: 6/25/2019 0:48:55 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0037	.0032	-.0025	.0003	.0003	.0004	.0038	.0003	.0003
Stddev	.0004	.0025	.0022	.0002	.0002	.0000	.0003	.0078	.0000	.0000
%RSD	81.13	65.97	70.75	9.162	60.61	4.734	76.08	203.1	6.893	13.24
#1	.0005	.0020	.0023	-.0026	.0003	.0003	.0001	.0006	.0003	.0004
#2	.0009	.0066	.0015	-.0023	.0005	.0003	.0004	-.0018	.0003	.0003
#3	.0001	.0026	.0057	-.0027	.0001	.0003	.0007	.0127	.0003	.0003

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0004	-.0030	.0013	-.0499	-.0002	-.0000	.0020	.0324	.0000	.0007
Stddev	.0003	.0007	.0018	.0088	.0032	.0005	.0002	.0089	.0001	.0018
%RSD	66.92	22.94	134.0	17.61	1756.	2221.	11.76	27.49	809.8	242.0
#1	-.0001	-.0025	.0034	-.0421	.0034	.0004	.0022	.0419	.0000	-.0012
#2	-.0004	-.0038	.0008	-.0594	-.0029	.0001	.0018	.0309	.0002	.0023
#3	-.0006	-.0027	-.0001	-.0482	-.0011	-.0006	.0019	.0243	-.0001	.0011

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039	.0025	.0077	.0029	.0004	.0006	.0002	.0004	.0002
Stddev	.0013	.0041	.0011	.0010	.0000	.0004	.0005	.0004	.0001
%RSD	32.27	166.8	14.06	35.23	8.151	62.61	211.0	99.95	39.82
#1	.0026	.0002	.0088	.0040	.0004	.0002	-.0003	.0002	.0002
#2	.0051	.0000	.0076	.0022	.0004	.0008	.0004	.0001	.0001
#3	.0040	.0073	.0066	.0024	.0005	.0010	.0005	.0009	.0002

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4687.0	103460.	7609.6
Stddev	52.2	570.	25.7
%RSD	1.1133	.55117	.33725
#1	4708.5	103130.	7585.4
#2	4725.0	104120.	7607.0
#3	4627.5	103130.	7636.5

Sample Name: WG1251117-1,T Acquired: 6/25/2019 0:53:12 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0009	.0071	.0014	-.0026	.0000	.0001	.0000	-.0016	.0001	.0002
Stddev	.0006	.0060	.0016	.0002	.0002	.0000	.0013	.0055	.0001	.0002
%RSD	75.95	83.92	113.5	8.398	507.1	34.48	4120.	341.3	41.03	147.6

#1	-.0003	.0052	.0032	-.0024	-.0000	.0000	.0014	-.0065	.0002	.0004
#2	-.0016	.0024	.0007	-.0027	.0003	.0001	-.0013	.0043	.0001	-.0001
#3	-.0007	.0139	.0003	-.0028	-.0002	.0001	.0001	-.0026	.0001	.0001

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0006	-.0030	.0396	.0066	.0006	.0002	.0010	.0637	-.0006	-.0012
Stddev	.0002	.0002	.0021	.0536	.0025	.0004	.0000	.0084	.0002	.0009
%RSD	29.60	8.322	5.373	808.6	425.5	202.3	4.926	13.20	31.27	75.15

#1	-.0005	-.0032	.0411	.0564	.0025	.0004	.0009	.0649	-.0005	-.0021
#2	-.0008	-.0027	.0406	-.0501	.0015	.0006	.0010	.0714	-.0008	-.0010
#3	-.0005	-.0030	.0372	.0136	-.0022	-.0003	.0010	.0547	-.0005	-.0004

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021	-.0008	.0067	.0074	.0002	.0003	-.0002	.0003	.0007
Stddev	.0010	.0017	.0005	.0018	.0001	.0001	.0003	.0005	.0001
%RSD	47.58	211.7	7.223	24.38	57.00	36.16	143.8	143.9	16.52

#1	.0019	.0004	.0069	.0091	.0002	.0002	-.0000	-.0002	.0007
#2	.0012	-.0027	.0062	.0076	.0003	.0004	-.0001	.0008	.0005
#3	.0032	-.0000	.0071	.0055	.0001	.0004	-.0006	.0004	.0007

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4744.2	104320.	7715.5
Stddev	66.8	205.	6.9
%RSD	1.4089	.19631	.09002

#1	4774.9	104380.	7723.5
#2	4790.1	104090.	7711.6
#3	4667.5	104490.	7711.3

Sample Name: WG1251117-2,T Acquired: 6/25/2019 0:57:29 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2188	43.41	1.046	1.105	2.699	1.240	-.0090	31.03	.3651	1.254
Stddev	.0007	.10	.005	.006	.005	.005	.0001	.05	.0023	.007
%RSD	.3203	.2235	.5207	.5792	.1789	.4198	1.477	.1676	.6282	.5794
#1	.2196	43.49	1.044	1.102	2.701	1.235	-.0089	31.03	.3642	1.251
#2	.2185	43.45	1.042	1.101	2.703	1.245	-.0092	31.09	.3634	1.249
#3	.2183	43.30	1.052	1.112	2.694	1.242	-.0090	30.98	.3677	1.263
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6483	.4234	90.18	12.99	14.19	2.391	.7286	10.25	.7201	.8299
Stddev	.0014	.0004	.05	.01	.03	.001	.0047	.03	.0045	.0057
%RSD	.2229	.0842	.0553	.0667	.2327	.0603	.6472	.2756	.6259	.6906
#1	.6476	.4234	90.19	12.99	14.16	2.390	.7256	10.25	.7186	.8273
#2	.6499	.4237	90.22	12.98	14.21	2.393	.7263	10.27	.7165	.8260
#3	.6473	.4230	90.12	13.00	14.22	2.391	.7341	10.21	.7251	.8365
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	1.352	.5535	16.91	.7358	.5975	2.651	.7246	.5401	1.662	
Stddev	.008	.0031	.09	.0046	.0007	.004	.0036	.0010	.011	
%RSD	.5897	.5513	.5341	.6212	.1206	.1542	.4910	.1898	.6489	
#1	1.346	.5501	16.86	.7328	.5980	2.646	.7219	.5393	1.658	
#2	1.349	.5560	16.85	.7336	.5977	2.654	.7231	.5412	1.655	
#3	1.361	.5543	17.01	.7411	.5967	2.652	.7286	.5397	1.675	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4888.1	106990.	8099.7							
Stddev	30.2	425.	41.3							
%RSD	.61774	.39770	.50956							
#1	4902.2	107430.	8146.8							
#2	4908.7	106580.	8082.6							
#3	4853.5	106950.	8069.8							

Sample Name: L1925140-22,S Acquired: 6/25/2019 1:01:39 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0017	-.0081	.0046	.0050	.0341	.0003	.0006	20.62	.0001	.0082
Stddev	.0003	.0104	.0013	.0002	.0003	.0000	.0009	.08	.0000	.0001
%RSD	19.72	127.4	29.01	4.164	.7838	8.360	165.0	.4023	33.72	1.180
#1	-.0019	.0016	.0060	.0050	.0339	.0004	.0002	20.64	.0002	.0082
#2	-.0019	-.0070	.0043	.0048	.0341	.0003	.0016	20.53	.0002	.0083
#3	-.0013	-.0190	.0034	.0052	.0344	.0003	-.0002	20.69	.0001	.0082
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0006	-.0025	3.964	2.161	7.817	.5561	.0019	27.48	.0027	.0002
Stddev	.0001	.0003	.020	.015	.076	.0010	.0004	.07	.0001	.0004
%RSD	11.37	13.24	.5037	.6854	.9667	.1806	18.42	.2554	5.205	263.4
#1	-.0005	-.0029	3.987	2.148	7.901	.5565	.0022	27.53	.0028	-.0001
#2	-.0007	-.0025	3.952	2.177	7.755	.5549	.0020	27.40	.0025	-.0001
#3	-.0006	-.0022	3.952	2.158	7.794	.5568	.0015	27.51	.0027	.0006
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0015	.0027	9.568	-.0016	.1051	.0014	.0009	.0000	.0286	
Stddev	.0025	.0025	.044	.0006	.0003	.0002	.0002	.0003	.0003	
%RSD	167.2	92.06	.4611	39.45	.2634	15.44	16.68	3321.	1.165	
#1	.0044	.0018	9.545	-.0009	.1050	.0017	.0011	-.0003	.0285	
#2	.0003	.0056	9.540	-.0017	.1048	.0013	.0008	.0003	.0284	
#3	-.0002	.0008	9.618	-.0021	.1054	.0013	.0008	-.0000	.0290	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4725.8	103930.	7836.1							
Stddev	72.3	558.	44.6							
%RSD	1.5289	.53713	.56867							
#1	4771.5	104360.	7792.4							
#2	4763.3	104130.	7881.5							
#3	4642.5	103300.	7834.4							

Sample Name: L1925140-24,S Acquired: 6/25/2019 1:05:52 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0012	-.0158	.0038	.0021	.0284	.0001	.0014	23.32	.0000	.0058
Stddev	.0005	.0070	.0029	.0003	.0003	.0000	.0005	.10	.0000	.0003
%RSD	44.51	44.06	76.45	12.23	1.141	14.88	38.05	.4433	129.2	4.786

#1	-.0006	-.0084	.0053	.0022	.0280	.0000	.0014	23.21	.0000	.0055
#2	-.0016	-.0222	.0005	.0018	.0285	.0000	.0008	23.40	-.0000	.0061
#3	-.0015	-.0168	.0057	.0022	.0287	.0001	.0019	23.35	.0001	.0059

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0005	-.0020	4.259	1.906	7.214	.8882	.0010	18.05	.0009	-.0006
Stddev	.0002	.0001	.037	.010	.038	.0052	.0003	.07	.0001	.0014
%RSD	43.56	7.275	.8712	.5427	.5254	.5853	27.09	.4080	13.78	241.9

#1	-.0003	-.0018	4.217	1.917	7.175	.8824	.0009	17.97	.0008	-.0021
#2	-.0005	-.0021	4.282	1.906	7.216	.8896	.0012	18.07	.0009	-.0001
#3	-.0008	-.0020	4.280	1.896	7.251	.8925	.0007	18.11	.0011	.0005

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0019	.0016	11.06	-.0016	.1117	.0010	.0006	-.0005	.0248
Stddev	.0010	.0005	.05	.0000	.0009	.0004	.0008	.0004	.0001
%RSD	53.12	30.22	.4750	2.705	.7875	36.05	138.2	88.19	.2232

#1	-.0010	.0016	11.04	-.0015	.1108	.0006	.0001	-.0004	.0247
#2	-.0018	.0011	11.02	-.0016	.1119	.0011	.0015	-.0010	.0248
#3	-.0030	.0021	11.12	-.0016	.1125	.0013	.0002	-.0001	.0248

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4703.5	103130.	7744.3
Stddev	54.3	227.	54.3
%RSD	1.1553	.22059	.70176

#1	4743.1	103360.	7802.8
#2	4725.8	103130.	7734.8
#3	4641.5	102910.	7695.4

Sample Name: L1925140-25,S Acquired: 6/25/2019 1:10:06 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0013	.0103	.0045	.0074	.0289	.0000	.0002	18.34	.0000	.0033
Stddev	.0005	.0039	.0043	.0002	.0001	.0000	.0015	.06	.0000	.0002
%RSD	37.55	37.71	95.68	3.139	.3890	106.1	825.0	.3365	76.87	6.277

#1	-.0017	.0059	.0050	.0076	.0288	.0000	.0004	18.37	.0000	.0031
#2	-.0012	.0118	-.0000	.0075	.0289	.0000	.0015	18.27	.0000	.0035
#3	-.0008	.0132	.0085	.0072	.0290	.0000	-.0014	18.37	.0000	.0033

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0006	-.0017	3.929	2.000	5.777	.3235	.0009	26.28	.0013	.0002
Stddev	.0003	.0001	.027	.037	.044	.0011	.0002	.09	.0001	.0002
%RSD	60.07	4.721	.6950	1.872	.7661	.3260	27.55	.3253	10.24	90.63

#1	-.0002	-.0018	3.958	2.035	5.797	.3246	.0006	26.37	.0012	.0004
#2	-.0009	-.0017	3.905	1.960	5.726	.3225	.0011	26.21	.0011	.0003
#3	-.0006	-.0018	3.923	2.005	5.807	.3234	.0010	26.25	.0014	-.0000

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0016	.0018	8.546	-.0025	.0960	.0003	.0007	-.0002	.0200
Stddev	.0007	.0038	.045	.0006	.0005	.0000	.0005	.0002	.0001
%RSD	44.87	210.9	.5323	25.46	.5698	13.32	72.94	115.8	.4784

#1	-.0009	.0040	8.509	-.0019	.0967	.0003	.0003	-.0003	.0199
#2	-.0024	-.0026	8.533	-.0032	.0956	.0003	.0005	.0001	.0200
#3	-.0017	.0040	8.597	-.0023	.0959	.0004	.0012	-.0003	.0201

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4707.0	103250.	7742.0
Stddev	65.5	293.	44.4
%RSD	1.3910	.28343	.57338

#1	4747.6	103290.	7709.8
#2	4742.0	102940.	7792.6
#3	4631.5	103520.	7723.6

Sample Name: L1925140-26,S Acquired: 6/25/2019 1:14:19 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0018	.0111	.0042	.0082	.0273	.0000	.0002	17.44	-.0000	.0045
Stddev	.0003	.0067	.0016	.0008	.0002	.0000	.0005	.02	.0000	.0000
%RSD	18.96	60.00	38.55	9.368	.6378	54.13	200.3	.0995	92.49	.9082
#1	-.0014	.0167	.0059	.0073	.0275	.0000	-.0001	17.45	-.0000	.0044
#2	-.0021	.0129	.0027	.0086	.0272	.0000	-.0000	17.45	-.0000	.0045
#3	-.0020	.0037	.0040	.0087	.0272	.0000	.0008	17.42	-.0000	.0045
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0006	-.0030	7.286	1.575	5.293	.3552	.0007	22.68	.0015	-.0015
Stddev	.0001	.0005	.058	.020	.009	.0018	.0001	.11	.0002	.0010
%RSD	21.99	16.37	.7925	1.278	.1677	.5204	15.75	.5007	13.15	65.74
#1	-.0005	-.0032	7.319	1.589	5.296	.3555	.0008	22.70	.0015	-.0009
#2	-.0007	-.0024	7.320	1.552	5.300	.3569	.0007	22.79	.0013	-.0010
#3	-.0005	-.0034	7.219	1.584	5.283	.3533	.0006	22.57	.0016	-.0027
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.0029	.0008	9.456	-.0021	.0933	.0004	.0009	-.0000	.0231	
Stddev	.0011	.0020	.046	.0003	.0004	.0002	.0009	.0003	.0001	
%RSD	38.87	256.1	.4891	12.21	.4808	53.30	98.06	973.4	.3228	
#1	-.0037	-.0015	9.411	-.0022	.0933	.0002	-.0001	.0001	.0230	
#2	-.0016	.0020	9.454	-.0023	.0937	.0006	.0017	.0002	.0231	
#3	-.0035	.0020	9.504	-.0018	.0928	.0004	.0012	-.0004	.0232	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4722.8	104240.	7766.5							
Stddev	74.4	199.	15.3							
%RSD	1.5760	.19119	.19717							
#1	4762.3	104390.	7761.2							
#2	4769.1	104020.	7754.6							
#3	4636.9	104320.	7783.8							

Sample Name: L1924618-21,T,2 Acquired: 6/25/2019 1:18:32 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0014	512.8	-.0090	.0273	21.89	.0020	.0454	58.82	-.0074	.6497
Stddev	.0007	2.3	.0060	.0002	.16	.0000	.0018	.16	.0002	.0072
%RSD	52.21	.4566	66.09	.5668	.7255	.3050	3.963	.2643	2.238	1.112

#1	-.0010	514.7	-.0021	.0274	21.72	.0020	.0441	58.67	-.0076	.6459
#2	-.0022	510.2	-.0121	.0271	22.04	.0020	.0447	58.81	-.0073	.6451
#3	-.0010	513.6	-.0128	.0272	21.90	.0020	.0475	58.98	-.0073	.6580

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.22	.1495	441.6	470.3	875.3	5.379	-.0005	9.508	1.684	.0208
Stddev	.01	.0004	4.5	3.3	2.3	.012	.0001	.064	.021	.0018
%RSD	.0558	.2644	1.010	.7023	.2585	.2159	15.48	.6684	1.276	8.475

#1	12.21	.1492	440.0	467.1	873.9	5.366	-.0004	9.448	1.670	.0206
#2	12.21	.1494	438.2	470.1	874.1	5.382	-.0006	9.503	1.674	.0191
#3	12.22	.1500	446.7	473.7	877.9	5.389	-.0005	9.575	1.709	.0226

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0309	-.0217	23.44	.0065	.3852	39.07	-.0035	.7404	.5819
Stddev	.0021	.0054	.28	.0021	.0003	.05	.0030	.0004	.0078
%RSD	6.671	24.85	1.185	31.99	.0669	.1276	84.92	.0596	1.342

#1	-.0319	-.0253	23.24	.0080	.3851	39.09	-.0060	.7405	.5777
#2	-.0323	-.0155	23.32	.0073	.3849	39.10	-.0003	.7399	.5771
#3	-.0286	-.0243	23.75	.0041	.3854	39.01	-.0041	.7408	.5909

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4053.1	89842.	7269.4
Stddev	40.4	125.	15.8
%RSD	.99747	.13870	.21788

#1	4074.1	89919.	7267.7
#2	4078.7	89909.	7286.0
#3	4006.5	89698.	7254.5

Sample Name: WG1251117-3,T,2 Acquired: 6/25/2019 1:23:18 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3060	680.5	.1223	1.009	31.35	.0503	.0525	74.00	.0412	1.300
Stddev	.0012	10.1	.0022	.002	.20	.0003	.0028	.32	.0003	.003
%RSD	.3921	1.478	1.804	.1859	.6487	.6121	5.305	.4347	.7394	.1920
#1	.3051	692.1	.1198	1.010	31.44	.0506	.0514	74.27	.0413	1.302
#2	.3055	674.7	.1238	1.007	31.50	.0504	.0505	74.08	.0409	1.297
#3	.3073	674.6	.1235	1.009	31.12	.0500	.0557	73.64	.0414	1.301
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.93	.4743	595.2	641.7	1064.	8.081	.8738	22.42	2.533	.4900
Stddev	.01	.0016	1.2	1.9	2.	.040	.0021	.06	.005	.0050
%RSD	.0892	.3468	.2081	.2907	.1672	.4926	.2390	.2821	.2089	1.024
#1	14.92	.4760	596.3	643.1	1063.	8.104	.8760	22.48	2.535	.4892
#2	14.92	.4741	595.5	639.6	1066.	8.104	.8718	22.41	2.528	.4855
#3	14.94	.4727	593.9	642.4	1062.	8.035	.8737	22.36	2.538	.4954
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0539	.0714	17.38	.8627	1.378	61.57	.0948	1.540	1.292	
Stddev	.0004	.0061	.02	.0031	.007	.38	.0020	.002	.002	
%RSD	.6932	8.583	.0909	.3589	.4968	.6196	2.097	.1281	.1494	
#1	.0537	.0755	17.40	.8660	1.384	61.85	.0967	1.540	1.293	
#2	.0538	.0744	17.37	.8598	1.379	61.14	.0927	1.537	1.290	
#3	.0544	.0644	17.38	.8625	1.371	61.73	.0952	1.541	1.293	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	3912.4	87088.	7146.2							
Stddev	28.4	164.	23.0							
%RSD	.72566	.18848	.32120							
#1	3928.0	87159.	7123.2							
#2	3929.5	87205.	7146.3							
#3	3879.6	86900.	7169.1							

Sample Name: XL1924610-01,C Acquired: 6/25/2019 1:28:13 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.1133	.0030	-.0022	.0059	-.0000	-.0000	.0080	.0000	.0003
Stddev	.0006	.0302	.0011	.0007	.0013	.0000	.0007	.0069	.0000	.0001
%RSD	277.1	26.66	36.05	29.95	21.87	85.10	1998.	85.59	29.98	22.91
#1	.0001	.0814	.0033	-.0023	.0044	-.0001	.0003	.0152	.0001	.0003
#2	.0001	.1173	.0038	-.0028	.0065	-.0000	-.0008	.0015	.0000	.0003
#3	-.0008	.1414	.0018	-.0015	.0068	-.0000	.0005	.0073	.0001	.0002
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022	-.0032	.1336	.2575	.2182	.0009	.0014	.0825	-.0002	-.0010
Stddev	.0004	.0002	.0317	.0246	.0478	.0005	.0004	.0036	.0002	.0015
%RSD	16.02	5.092	23.75	9.538	21.90	48.70	25.08	4.379	98.26	148.2
#1	.0026	-.0034	.0983	.2523	.2709	.0006	.0018	.0798	-.0003	-.0020
#2	.0021	-.0030	.1429	.2359	.2063	.0008	.0012	.0866	-.0003	.0007
#3	.0019	-.0032	.1597	.2842	.1775	.0014	.0013	.0812	.0000	-.0017
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.0011	.0019	.0114	-.0014	.0004	.0272	.0006	-.0001	.0012	
Stddev	.0007	.0019	.0015	.0007	.0001	.0036	.0014	.0001	.0002	
%RSD	60.77	100.2	13.06	50.63	33.79	13.17	253.2	195.7	15.17	
#1	-.0012	.0029	.0130	-.0021	.0003	.0312	.0005	-.0001	.0012	
#2	-.0004	-.0003	.0112	-.0007	.0004	.0262	-.0008	-.0002	.0013	
#3	-.0018	.0032	.0101	-.0014	.0005	.0243	.0020	.0001	.0010	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4707.0	104400.	7718.1							
Stddev	78.9	292.	27.2							
%RSD	1.6769	.27927	.35269							
#1	4752.2	104550.	7729.7							
#2	4752.9	104070.	7737.6							
#3	4615.8	104590.	7687.0							

Sample Name: XL1924610-02,C Acquired: 6/25/2019 1:32:31 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0145	.0022	-.0028	.0006	-.0000	.0006	-.0058	.0001	.0000
Stddev	.0006	.0020	.0021	.0007	.0002	.0000	.0011	.0047	.0000	.0001
%RSD	412.6	13.90	93.09	25.20	39.13	305.9	183.1	80.96	77.25	224.6

#1	.0007	.0150	.0009	-.0029	.0003	.0000	-.0006	-.0018	.0000	.0001
#2	.0003	.0123	.0046	-.0034	.0007	.0000	.0014	-.0048	.0001	.0001
#3	-.0005	.0163	.0011	-.0020	.0007	-.0000	.0010	-.0110	.0001	-.0000

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	-.0039	.0130	.0698	.0299	.0001	.0004	.0507	-.0001	-.0012
Stddev	.0002	.0004	.0036	.0159	.0029	.0005	.0002	.0033	.0001	.0012
%RSD	87.27	9.331	27.81	22.78	9.547	594.8	35.23	6.498	82.02	94.19

#1	-.0000	-.0043	.0092	.0592	.0280	.0005	.0003	.0470	-.0001	-.0006
#2	.0003	-.0039	.0164	.0622	.0332	-.0004	.0005	.0534	-.0002	-.0026
#3	.0003	-.0035	.0136	.0881	.0286	.0002	.0005	.0517	-.0000	-.0005

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0017	-.0009	.0044	-.0007	.0001	.0058	.0005	.0001	.0004
Stddev	.0006	.0017	.0003	.0006	.0000	.0002	.0007	.0002	.0001
%RSD	37.75	180.4	6.769	83.05	71.30	4.165	158.2	240.2	22.95

#1	-.0015	-.0011	.0042	-.0008	.0001	.0056	.0008	-.0001	.0004
#2	-.0012	-.0026	.0048	-.0013	.0000	.0061	.0010	.0003	.0005
#3	-.0024	.0008	.0043	-.0001	.0001	.0058	-.0004	.0001	.0004

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4675.9	103670.	7642.8
Stddev	72.2	452.	18.0
%RSD	1.5430	.43623	.23614

#1	4723.6	103740.	7645.4
#2	4711.1	104080.	7623.7
#3	4592.9	103190.	7659.5

Sample Name: CCV Acquired: 6/25/2019 1:36:48 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .4339	.4825	.4977	.4590	.4712	.4839	-.0004	.4776	.4646	.4602
Stddev	.0025	.0050	.0034	.0028	.0048	.0038	.0012	.0061	.0029	.0026
%RSD	.5670	1.046	.6744	.6131	1.012	.7940	298.6	1.288	.6205	.5751
#1	.4311	.4825	.4939	.4574	.4766	.4880	-.0016	.4847	.4627	.4584
#2	.4346	.4875	.4992	.4573	.4692	.4831	.0007	.4734	.4632	.4590
#3	.4359	.4775	.5001	.4622	.4678	.4804	-.0002	.4748	.4679	.4633
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit	.5524									
Low Limit	.4476									
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4562	.4557	F .4292	4.863	.4816	F .4442	.4654	9.441	.4735	.4857
Stddev	.0025	.0010	.0029	.055	.0037	.0043	.0034	.082	.0022	.0022
%RSD	.5442	.2291	.6719	1.134	.7602	.9638	.7243	.8703	.4551	.4545
#1	.4541	.4545	.4321	4.911	.4844	.4487	.4629	9.536	.4723	.4849
#2	.4556	.4561	.4263	4.876	.4828	.4438	.4641	9.394	.4722	.4840
#3	.4590	.4565	.4290	4.803	.4775	.4402	.4692	9.393	.4760	.4882
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.5524			.5524				
Low Limit			.4476			.4476				
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.4582	.4623	4.849	.4784	F .4360	.4721	.4673	.4586	.4834	
Stddev	.0036	.0022	.017	.0048	.0033	.0005	.0022	.0013	.0030	
%RSD	.7956	.4773	.3561	.9989	.7535	.1089	.4758	.2813	.6103	
#1	.4564	.4600	4.840	.4753	.4398	.4716	.4667	.4571	.4820	
#2	.4558	.4625	4.838	.4760	.4342	.4726	.4654	.4594	.4814	
#3	.4624	.4644	4.869	.4839	.4340	.4721	.4698	.4592	.4868	
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	
High Limit					.5524					
Low Limit					.4476					
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4748.9	104450.	7709.8							
Stddev	35.7	812.	36.5							
%RSD	.75194	.77725	.47373							
#1	4770.2	105030.	7674.4							
#2	4768.8	104800.	7707.6							
#3	4707.7	103520.	7747.3							

Sample Name: CCB Acquired: 6/25/2019 1:41:00 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0231	.0037	-.0027	.0010	.0007	.0004	.0001	.0004	.0003
Stddev	.0004	.0091	.0012	.0003	.0002	.0001	.0003	.0028	.0001	.0002
%RSD	71.53	39.16	32.67	12.97	21.93	7.844	70.07	2562.	32.97	84.56
#1	.0009	.0184	.0025	-.0023	.0008	.0007	.0008	.0014	.0006	.0005
#2	.0005	.0174	.0038	-.0028	.0011	.0007	.0002	.0020	.0004	.0000
#3	.0002	.0336	.0049	-.0029	.0012	.0006	.0003	-.0031	.0003	.0003

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	-.0035	.0074	.0194	.0308	.0004	.0015	.0642	-.0002	-.0008
Stddev	.0003	.0005	.0023	.0692	.0111	.0002	.0004	.0037	.0002	.0013
%RSD	34.19	13.70	30.71	356.3	36.19	38.92	24.77	5.757	144.6	161.0
#1	.0008	-.0040	.0064	-.0505	.0241	.0006	.0020	.0602	.0001	-.0022
#2	.0010	-.0036	.0058	.0878	.0436	.0005	.0012	.0676	-.0002	.0003
#3	.0005	-.0030	.0100	.0209	.0245	.0002	.0015	.0647	-.0004	-.0004

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026	.0019	.0048	-.0002	.0005	.0028	.0008	.0007	.0005
Stddev	.0020	.0016	.0020	.0006	.0001	.0005	.0007	.0001	.0001
%RSD	75.84	86.49	41.11	231.2	14.97	19.70	82.41	7.884	10.86
#1	.0021	.0037	.0067	-.0009	.0006	.0023	.0004	.0007	.0005
#2	.0048	.0008	.0049	-.0002	.0004	.0034	.0016	.0007	.0004
#3	.0010	.0011	.0027	.0003	.0006	.0027	.0005	.0008	.0004

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4698.2	104630.	7738.3
Stddev	67.9	419.	40.3
%RSD	1.4456	.40035	.52127
#1	4735.9	104850.	7696.5
#2	4738.8	104900.	7741.4
#3	4619.8	104150.	7777.0

Sample Name: WG1251117-4,T,2 Acquired: 6/25/2019 1:45:18 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0016	650.6	-.0131	.0352	27.34	.0032	.0561	69.33	-.0083	.8282
Stddev	.0004	.8	.0041	.0003	.49	.0001	.0022	.31	.0003	.0074
%RSD	23.78	.1258	30.95	.9848	1.777	1.678	3.973	.4407	3.765	.8950

#1	-.0017	650.6	-.0174	.0348	27.48	.0031	.0540	69.68	-.0083	.8239
#2	-.0012	649.7	-.0127	.0353	26.80	.0031	.0585	69.13	-.0079	.8239
#3	-.0019	651.4	-.0093	.0355	27.74	.0032	.0558	69.18	-.0085	.8367

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.09	.3706	568.0	580.4	1057.	7.432	-.0002	11.07	2.124	.0269
Stddev	.03	.0003	6.6	5.7	5.	.027	.0003	.04	.015	.0035
%RSD	.1766	.0897	1.162	.9845	.4816	.3642	163.5	.3373	.6986	13.17

#1	15.12	.3704	565.6	586.1	1055.	7.460	-.0006	11.10	2.117	.0279
#2	15.09	.3710	562.9	574.6	1054.	7.406	.0001	11.03	2.115	.0229
#3	15.06	.3704	575.5	580.5	1063.	7.432	-.0002	11.08	2.141	.0298

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0271	-.0369	18.27	.0087	.4497	48.67	-.0057	.9775	.7974
Stddev	.0018	.0055	.11	.0015	.0021	.23	.0027	.0006	.0072
%RSD	6.549	14.97	.6127	17.12	.4701	.4669	47.39	.0590	.9003

#1	-.0251	-.0315	18.19	.0072	.4503	48.49	-.0043	.9780	.7940
#2	-.0279	-.0366	18.21	.0086	.4474	48.92	-.0041	.9777	.7926
#3	-.0284	-.0426	18.40	.0102	.4515	48.58	-.0089	.9769	.8057

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3967.4	88397.	7225.8
Stddev	34.3	346.	64.5
%RSD	.86467	.39096	.89232

#1	3975.6	88033.	7220.7
#2	3996.8	88437.	7292.6
#3	3929.7	88720.	7164.0

Sample Name: WG1251117-5,T,2 Acquired: 6/25/2019 1:50:08 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013	511.6	.1202	.9552	23.59	.0472	.0434	66.84	.0406	1.065
Stddev	.0005	4.2	.0021	.0086	.21	.0003	.0033	.26	.0007	.010
%RSD	42.84	.8128	1.726	.9042	.8903	.6157	7.532	.3947	1.775	.9128

#1	.0010	507.3	.1194	.9518	23.37	.0470	.0453	66.61	.0406	1.061
#2	.0019	515.6	.1187	.9488	23.79	.0476	.0396	67.13	.0399	1.058
#3	.0009	511.9	.1226	.9650	23.62	.0472	.0452	66.77	.0413	1.076

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.05	.3750	435.7	480.8	865.5	5.708	.9192	18.73	2.063	.4719
Stddev	.04	.0006	3.7	1.0	8.6	.018	.0085	.06	.018	.0056
%RSD	.2935	.1516	.8535	.1996	.9932	.3096	.9280	.3430	.8495	1.185

#1	12.06	.3750	432.1	479.8	864.7	5.695	.9145	18.68	2.056	.4716
#2	12.01	.3757	439.6	481.8	874.5	5.728	.9140	18.80	2.049	.4664
#3	12.07	.3745	435.5	480.7	857.4	5.702	.9290	18.71	2.082	.4776

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4502	.0965	24.14	.8836	1.249	39.66	.0924	1.177	1.035
Stddev	.0025	.0050	.23	.0068	.006	.04	.0037	.004	.009
%RSD	.5617	5.151	.9435	.7657	.4644	.1097	4.027	.3652	.8976

#1	.4473	.1022	24.03	.8804	1.243	39.61	.0886	1.179	1.030
#2	.4517	.0943	23.99	.8790	1.255	39.70	.0927	1.173	1.028
#3	.4516	.0930	24.40	.8914	1.249	39.67	.0960	1.181	1.045

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4050.9	90640.	7265.1
Stddev	30.2	341.	57.5
%RSD	.74562	.37613	.79112

#1	4064.0	90896.	7322.9
#2	4072.3	90771.	7208.0
#3	4016.3	90253.	7264.5

Sample Name: WG1251117-6,T,10 Acquired: 6/25/2019 1:54:54 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0012	94.46	-.0007	.0026	4.063	.0001	.0086	10.98	-.0017	.1226
Stddev	.0002	.20	.0052	.0003	.009	.0000	.0008	.04	.0000	.0004
%RSD	17.23	.2105	688.6	12.19	.2342	1.739	9.385	.3303	2.734	.3489

#1	-.0012	94.42	.0051	.0026	4.067	.0001	.0083	10.97	-.0018	.1226
#2	-.0010	94.68	-.0028	.0023	4.069	.0001	.0080	11.01	-.0017	.1222
#3	-.0014	94.29	-.0046	.0030	4.052	.0001	.0095	10.94	-.0017	.1230

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.282	.0204	85.36	85.89	177.2	.9874	.0012	1.749	.3166	.0036
Stddev	.007	.0005	.15	.13	1.7	.0017	.0006	.010	.0013	.0015
%RSD	.3182	2.271	.1812	.1568	.9588	.1704	48.35	.5623	.4064	40.80

#1	2.290	.0209	85.19	86.01	177.3	.9879	.0016	1.759	.3155	.0026
#2	2.281	.0204	85.48	85.90	178.9	.9888	.0016	1.748	.3162	.0030
#3	2.275	.0200	85.42	85.74	175.5	.9855	.0005	1.740	.3180	.0053

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0058	-.0021	6.080	.0017	.0697	7.969	-.0001	.1401	.1070
Stddev	.0009	.0014	.029	.0002	.0002	.030	.0004	.0006	.0006
%RSD	15.89	65.15	.4768	13.83	.2676	.3719	340.5	.4264	.5656

#1	-.0061	-.0025	6.063	.0019	.0695	8.001	-.0005	.1408	.1066
#2	-.0047	-.0006	6.065	.0015	.0696	7.963	.0003	.1396	.1067
#3	-.0065	-.0032	6.114	.0016	.0699	7.942	-.0002	.1398	.1077

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4509.2	98877.	7568.5
Stddev	38.2	388.	16.5
%RSD	.84819	.39206	.21814

#1	4534.2	98493.	7585.6
#2	4528.1	98869.	7552.7
#3	4465.1	99268.	7567.2

Sample Name: L1924618-22,T,2 Acquired: 6/25/2019 1:59:19 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0017	579.4	-.0106	.0242	17.38	.0010	.0408	93.50	-.0075	.6711
Stddev	.0003	5.3	.0079	.0008	.08	.0000	.0024	.06	.0003	.0049
%RSD	19.44	.9169	75.03	3.213	.4681	1.144	5.984	.0633	3.946	.7372

#1	-.0019	575.9	-.0063	.0249	17.36	.0010	.0401	93.47	-.0075	.6699
#2	-.0014	585.5	-.0057	.0233	17.47	.0011	.0387	93.46	-.0077	.6669
#3	-.0020	576.7	-.0197	.0243	17.31	.0010	.0435	93.57	-.0071	.6765

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.251	.1906	443.0	446.1	967.5	5.484	-.0001	9.684	1.773	.0235
Stddev	.014	.0005	2.5	1.4	3.7	.008	.0001	.010	.015	.0047
%RSD	.1464	.2681	.5617	.3026	.3809	.1437	58.83	.1043	.8325	19.91

#1	9.246	.1903	441.8	447.7	964.5	5.475	-.0001	9.673	1.764	.0244
#2	9.241	.1912	445.9	445.3	966.4	5.489	-.0002	9.689	1.765	.0184
#3	9.266	.1903	441.5	445.4	971.6	5.489	-.0001	9.691	1.790	.0276

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0219	-.0234	11.94	.0058	.4883	38.45	-.0049	.7230	.6534
Stddev	.0023	.0049	.10	.0005	.0016	.14	.0011	.0023	.0058
%RSD	10.58	20.89	.8079	9.514	.3332	.3582	21.96	.3244	.8872

#1	-.0236	-.0290	11.89	.0057	.4871	38.46	-.0045	.7220	.6510
#2	-.0229	-.0201	11.88	.0052	.4902	38.59	-.0041	.7213	.6491
#3	-.0193	-.0210	12.05	.0063	.4878	38.31	-.0062	.7257	.6600

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4049.8	89966.	7254.0
Stddev	33.9	154.	27.9
%RSD	.83728	.17107	.38408

#1	4065.8	89903.	7286.0
#2	4072.6	90141.	7235.3
#3	4010.8	89853.	7240.6

Sample Name: L1924618-23,T,2 Acquired: 6/25/2019 2:04:06 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	508.7	.0113	.7423	3.830	.0264	.0034	996.1	-.0047	.3136
Stddev	.0004	1.5	.0007	.0057	.021	.0001	.0018	13.0	.0004	.0018
%RSD	39.01	.2941	6.313	.7694	.5591	.4133	51.22	1.300	7.912	.5790

#1	.0006	507.0	.0109	.7479	3.854	.0264	.0014	1001.	-.0044	.3155
#2	.0013	509.8	.0109	.7365	3.824	.0265	.0042	1006.	-.0051	.3119
#3	.0012	509.2	.0121	.7424	3.812	.0263	.0046	981.5	-.0047	.3133

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.525	.1205	237.9	203.0	670.7	33.63	.0009	15.88	.6590	.0651
Stddev	.011	.0010	2.9	1.2	7.0	.57	.0003	.07	.0037	.0021
%RSD	.3219	.7934	1.214	.5800	1.042	1.684	29.43	.4404	.5597	3.193

#1	3.533	.1214	235.5	204.3	668.6	33.97	.0009	15.94	.6624	.0675
#2	3.530	.1208	241.1	202.7	678.5	33.94	.0006	15.89	.6551	.0640
#3	3.512	.1195	237.1	202.0	665.0	32.97	.0011	15.80	.6596	.0639

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0239	.0072	27.48	.0054	2.140	31.46	-.0055	.5461	.3462
Stddev	.0032	.0064	.21	.0022	.003	.18	.0021	.0022	.0018
%RSD	13.50	89.00	.7662	39.93	.1523	.5822	37.95	.4074	.5101

#1	-.0243	.0003	27.71	.0070	2.142	31.65	-.0058	.5470	.3474
#2	-.0268	.0085	27.29	.0030	2.142	31.44	-.0074	.5478	.3442
#3	-.0204	.0129	27.45	.0063	2.136	31.28	-.0032	.5436	.3470

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	5229.4	118350.	9740.6
Stddev	61.7	97.	35.5
%RSD	1.1800	.08196	.36464

#1	5274.6	118450.	9779.9
#2	5254.6	118250.	9710.8
#3	5159.1	118340.	9731.1

Sample Name: L1924618-24,T,2 Acquired: 6/25/2019 2:09:02 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0012	604.2	-.0011	.1810	3.367	.0143	.0498	34.21	-.0046	.5434
Stddev	.0002	6.0	.0056	.0010	.033	.0002	.0007	.35	.0003	.0036
%RSD	17.77	.9877	513.4	.5310	.9911	1.186	1.317	1.014	6.951	.6548

#1	-.0012	607.9	-.0055	.1813	3.393	.0144	.0491	34.52	-.0048	.5421
#2	-.0009	607.4	.0053	.1800	3.379	.0143	.0500	34.28	-.0046	.5406
#3	-.0014	597.4	-.0030	.1819	3.330	.0141	.0503	33.84	-.0042	.5474

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.95	.0264	354.1	458.0	1406.	2.296	.0001	3.522	2.076	.3021
Stddev	.19	.0007	3.4	4.1	19.	.028	.0001	.038	.013	.0035
%RSD	1.328	2.819	.9668	.8870	1.367	1.196	67.79	1.076	.6236	1.161

#1	14.16	.0271	357.9	460.9	1426.	2.318	.0002	3.554	2.073	.3018
#2	13.89	.0266	351.2	459.7	1405.	2.304	.0002	3.532	2.064	.2987
#3	13.80	.0256	353.1	453.3	1388.	2.265	.0000	3.481	2.090	.3057

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0354	-.0294	24.88	.0087	.1513	38.97	-.0039	.0554	1.380
Stddev	.0021	.0022	.16	.0009	.0018	.37	.0030	.0006	.010
%RSD	5.808	7.460	.6391	10.88	1.181	.9423	76.81	.9933	.7221

#1	-.0366	-.0270	24.86	.0097	.1529	39.25	-.0032	.0560	1.377
#2	-.0365	-.0300	24.74	.0079	.1517	39.11	-.0071	.0549	1.372
#3	-.0330	-.0313	25.05	.0084	.1494	38.55	-.0013	.0553	1.391

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4072.0	90621.	7588.0
Stddev	41.2	299.	23.8
%RSD	1.0128	.32990	.31337

#1	4098.4	90295.	7573.7
#2	4093.0	90883.	7574.9
#3	4024.4	90685.	7615.5

Sample Name: L1924618-25,T,2 Acquired: 6/25/2019 2:13:39 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.0009	479.5	-0.0014	.1216	19.39	.0018	.0388	65.45	.0037	.6100
Stddev	.0001	4.9	.0051	.0007	.26	.0000	.0015	.28	.0007	.0045
%RSD	14.79	1.012	364.2	.6103	1.364	1.334	3.894	.4235	17.85	.7295

#1	-0.0007	483.1	-0.0050	.1208	19.56	.0018	.0405	65.74	.0034	.6071
#2	-0.0010	481.3	-0.0036	.1223	19.52	.0017	.0377	65.43	.0033	.6077
#3	-0.0008	474.0	.0044	.1218	19.09	.0018	.0381	65.18	.0045	.6151

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.890	.2377	416.9	410.8	784.4	5.539	.0007	8.327	1.536	.2626
Stddev	.025	.0005	6.5	2.7	5.5	.026	.0002	.052	.011	.0028
%RSD	.2575	.2063	1.554	.6459	.6975	.4617	24.58	.6281	.7305	1.078

#1	9.893	.2383	420.8	413.6	783.7	5.561	.0008	8.372	1.530	.2609
#2	9.913	.2376	420.4	410.3	790.2	5.545	.0008	8.341	1.530	.2611
#3	9.863	.2373	409.4	408.4	779.3	5.511	.0005	8.270	1.549	.2659

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.0257	-0.0151	7.673	.0239	.4145	35.92	-.0040	.7213	1.353
Stddev	.0029	.0025	.044	.0008	.0034	.25	.0028	.0019	.011
%RSD	11.36	16.64	.5684	3.267	.8189	.6992	71.20	.2629	.8448

#1	-0.0277	-0.0171	7.644	.0236	.4172	35.73	-.0026	.7222	1.346
#2	-0.0223	-0.0159	7.653	.0247	.4156	36.20	-.0073	.7225	1.347
#3	-0.0270	-0.0123	7.724	.0232	.4107	35.83	-.0021	.7191	1.366

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4139.6	92898.	7566.1
Stddev	33.0	464.	56.9
%RSD	.79836	.49926	.75173

#1	4157.9	92964.	7509.4
#2	4159.5	92405.	7565.8
#3	4101.5	93326.	7623.2

Sample Name: L1924618-26,T,2 Acquired: 6/25/2019 2:18:27 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0019	658.4	-.0136	.0321	23.94	.0006	.0527	102.6	-.0078	.8011
Stddev	.0003	1.7	.0061	.0011	.25	.0000	.0009	.2	.0005	.0067
%RSD	15.53	.2590	44.95	3.438	1.030	4.029	1.632	.1475	6.069	.8416

#1	-.0022	656.6	-.0198	.0331	24.23	.0006	.0522	102.7	-.0079	.7979
#2	-.0017	658.5	-.0075	.0323	23.84	.0007	.0521	102.7	-.0081	.7965
#3	-.0018	660.0	-.0136	.0309	23.77	.0007	.0537	102.4	-.0072	.8088

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.88	.4172	535.9	417.5	1034.	6.120	-.0010	9.315	2.024	.0182
Stddev	.04	.0010	2.8	.5	3.	.011	.0006	.009	.015	.0034
%RSD	.3117	.2349	.5292	.1255	.3368	.1790	58.29	.0910	.7241	18.76

#1	13.93	.4181	535.7	417.3	1037.	6.128	-.0005	9.316	2.016	.0195
#2	13.86	.4162	538.8	418.1	1030.	6.125	-.0016	9.323	2.015	.0143
#3	13.86	.4172	533.2	417.1	1033.	6.107	-.0009	9.306	2.041	.0207

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0346	-.0271	18.85	.0080	.5531	48.99	-.0050	.7948	.6590
Stddev	.0028	.0050	.12	.0024	.0014	.33	.0024	.0026	.0060
%RSD	8.102	18.64	.6342	30.15	.2518	.6797	47.93	.3331	.9116

#1	-.0344	-.0300	18.78	.0101	.5546	49.32	-.0023	.7977	.6558
#2	-.0374	-.0212	18.77	.0085	.5520	48.99	-.0057	.7942	.6552
#3	-.0319	-.0300	18.98	.0054	.5525	48.66	-.0070	.7925	.6659

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4009.2	90632.	7380.7
Stddev	39.3	397.	17.5
%RSD	.97975	.43802	.23663

#1	4034.0	90217.	7389.7
#2	4029.8	91008.	7360.6
#3	3964.0	90673.	7391.9

Sample Name: XL1924610-03,C Acquired: 6/25/2019 2:23:14 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0003	.1027	.0033	-.0035	.0039	-.0000	.0010	.0181	.0000	.0000
Stddev	.0004	.0022	.0018	.0004	.0001	.0000	.0008	.0049	.0001	.0001
%RSD	154.5	2.094	53.03	12.80	3.449	30.98	80.89	27.21	477.1	456.5

#1	-.0003	.1045	.0021	-.0040	.0039	-.0001	.0004	.0146	.0001	-.0000
#2	.0001	.1003	.0025	-.0032	.0041	-.0000	.0019	.0160	-.0000	-.0000
#3	-.0007	.1033	.0053	-.0032	.0039	-.0000	.0007	.0237	-.0000	.0001

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021	-.0044	.1071	.1895	.2176	.0010	-.0001	.0545	-.0003	-.0012
Stddev	.0001	.0002	.0059	.0222	.0025	.0002	.0002	.0018	.0002	.0013
%RSD	6.740	4.522	5.502	11.73	1.151	18.26	165.1	3.383	69.09	112.9

#1	.0020	-.0046	.1007	.2040	.2199	.0008	.0001	.0542	-.0004	.0004
#2	.0022	-.0046	.1082	.2007	.2180	.0011	-.0004	.0529	-.0004	-.0019
#3	.0021	-.0042	.1123	.1639	.2149	.0012	-.0001	.0565	-.0001	-.0019

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0022	.0005	.0155	-.0017	.0003	.0279	.0009	.0005	.0007
Stddev	.0005	.0017	.0011	.0005	.0000	.0013	.0003	.0002	.0002
%RSD	22.72	317.3	6.882	28.97	17.60	4.555	38.05	34.64	29.79

#1	-.0017	-.0003	.0167	-.0011	.0003	.0289	.0010	.0004	.0006
#2	-.0027	-.0006	.0152	-.0021	.0002	.0282	.0011	.0005	.0005
#3	-.0022	.0025	.0146	-.0018	.0003	.0265	.0005	.0007	.0009

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4716.9	105430.	7720.3
Stddev	76.8	171.	59.4
%RSD	1.6283	.16180	.76978

#1	4768.7	105530.	7702.9
#2	4753.4	105530.	7671.5
#3	4628.7	105230.	7786.5

Sample Name: XL1924610-04,C Acquired: 6/25/2019 2:27:31 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0416	.0029	-.0030	.0006	-.0000	-.0002	.0027	.0000	.0002
Stddev	.0005	.0086	.0029	.0003	.0002	.0000	.0004	.0064	.0000	.0000
%RSD	621.3	20.59	97.49	9.969	28.71	55.63	201.2	233.6	698.4	26.41
#1	.0006	.0411	.0029	-.0028	.0004	-.0000	-.0004	.0030	.0000	.0001
#2	-.0000	.0505	.0001	-.0033	.0007	-.0000	-.0005	.0090	-.0000	.0002
#3	-.0004	.0334	.0058	-.0029	.0007	-.0000	.0003	-.0038	.0000	.0002
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	-.0044	.0214	.1127	.0562	.0004	-.0000	.0474	-.0005	-.0005
Stddev	.0003	.0002	.0023	.0064	.0024	.0003	.0001	.0014	.0002	.0009
%RSD	297.0	4.406	10.55	5.714	4.253	73.05	491.8	3.014	36.73	196.0
#1	-.0002	-.0045	.0216	.1162	.0576	.0006	-.0000	.0463	-.0007	.0003
#2	.0001	-.0042	.0191	.1166	.0576	.0001	-.0001	.0468	-.0006	-.0015
#3	.0004	-.0046	.0236	.1052	.0534	.0005	.0001	.0490	-.0003	-.0002
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.0020	.0018	.0080	-.0016	.0001	.0080	-.0005	.0004	.0000	
Stddev	.0003	.0011	.0003	.0006	.0002	.0004	.0005	.0002	.0001	
%RSD	17.56	62.20	3.973	38.94	190.4	4.964	106.4	60.85	458.2	
#1	-.0017	.0006	.0077	-.0018	.0000	.0084	-.0005	.0001	-.0001	
#2	-.0019	.0019	.0082	-.0020	.0003	.0077	-.0010	.0005	.0001	
#3	-.0023	.0028	.0083	-.0009	-.0000	.0079	.0000	.0005	.0001	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4730.8	105400.	7764.3							
Stddev	73.4	599.	28.4							
%RSD	1.5508	.56794	.36548							
#1	4775.9	105040.	7786.9							
#2	4770.3	105070.	7773.6							
#3	4646.1	106090.	7732.5							

Sample Name: CCV Acquired: 6/25/2019 2:31:48 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .4324	.4930	.5048	.4617	.4719	.4857	-.0013	.4671	.4690	.4644
Stddev	.0015	.0124	.0020	.0020	.0011	.0026	.0011	.0019	.0031	.0034
%RSD	.3355	2.516	.3880	.4283	.2390	.5264	84.67	.4048	.6655	.7364

#1	.4307	.4882	.5026	.4602	.4730	.4830	-.0017	.4692	.4669	.4617
#2	.4331	.5071	.5054	.4610	.4721	.4880	-.0021	.4667	.4674	.4631
#3	.4333	.4838	.5064	.4640	.4707	.4861	-.0001	.4655	.4726	.4682

Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit	.5524									
Low Limit	.4476									

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4569	.4578	F .4332	4.958	.4988	F .4407	.4706	9.422	.4775	.4897
Stddev	.0012	.0008	.0030	.041	.0026	.0010	.0028	.008	.0024	.0044
%RSD	.2570	.1815	.6984	.8230	.5269	.2371	.5949	.0876	.5066	.8969

#1	.4560	.4587	.4332	4.941	.5018	.4418	.4692	9.430	.4759	.4857
#2	.4565	.4572	.4301	5.005	.4973	.4406	.4689	9.413	.4762	.4891
#3	.4582	.4575	.4362	4.929	.4972	.4397	.4739	9.423	.4803	.4944

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.5524			.5524				
Low Limit			.4476			.4476				

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4619	.4668	4.908	.4838	F .4331	.4783	.4690	.4587	.4886
Stddev	.0035	.0050	.026	.0036	.0008	.0012	.0030	.0009	.0032
%RSD	.7514	1.079	.5276	.7455	.1814	.2439	.6463	.2032	.6568

#1	.4580	.4647	4.898	.4812	.4334	.4792	.4688	.4588	.4869
#2	.4629	.4631	4.888	.4823	.4322	.4788	.4661	.4577	.4866
#3	.4647	.4726	4.937	.4879	.4336	.4770	.4721	.4595	.4923

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					.5524				
Low Limit					.4476				

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4724.7	104650.	7711.3
Stddev	31.4	288.	11.0
%RSD	.66425	.27489	.14307

#1	4748.6	104520.	7716.6
#2	4736.5	104460.	7698.6
#3	4689.2	104980.	7718.6

Sample Name: CCB Acquired: 6/25/2019 2:36:00 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	.0619	.0023	-.0021	.0019	.0008	-.0002	.0198	.0005	.0005
Stddev	.0009	.0219	.0019	.0007	.0012	.0001	.0002	.0148	.0001	.0002
%RSD	415.3	35.36	85.98	33.82	61.92	9.891	119.5	74.57	21.71	30.20
#1	.0012	.0460	.0020	-.0016	.0009	.0009	-.0002	.0159	.0007	.0007
#2	-.0000	.0868	.0004	-.0029	.0032	.0008	-.0003	.0361	.0005	.0006
#3	-.0005	.0528	.0043	-.0017	.0016	.0007	.0000	.0074	.0005	.0004

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013	-.0037	.0359	.0992	.0856	.0014	.0014	.0663	-.0001	.0003
Stddev	.0002	.0005	.0288	.0429	.0378	.0010	.0004	.0085	.0001	.0004
%RSD	18.60	14.27	80.12	43.23	44.18	73.75	26.47	12.85	115.0	120.0
#1	.0016	-.0043	.0155	.0499	.1281	.0009	.0016	.0568	-.0000	.0003
#2	.0011	-.0032	.0689	.1193	.0729	.0026	.0017	.0733	-.0002	-.0001
#3	.0012	-.0036	.0234	.1283	.0558	.0007	.0010	.0687	-.0000	.0008

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028	.0027	.0086	-.0009	.0008	.0052	.0007	.0011	.0001
Stddev	.0019	.0017	.0010	.0001	.0002	.0015	.0012	.0002	.0002
%RSD	68.79	62.07	12.02	11.79	21.57	29.12	180.5	19.94	114.8
#1	.0049	.0011	.0093	-.0008	.0006	.0070	.0020	.0010	.0003
#2	.0022	.0045	.0091	-.0010	.0009	.0044	.0005	.0010	.0002
#3	.0012	.0025	.0074	-.0008	.0009	.0042	-.0004	.0014	-.0000

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4733.1	105780.	7792.1
Stddev	62.6	728.	38.6
%RSD	1.3230	.68783	.49555
#1	4767.2	106400.	7771.6
#2	4771.3	104980.	7836.7
#3	4660.8	105960.	7768.1

Sample Name: L1924618-27,T,2 Acquired: 6/25/2019 2:40:18 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0018	718.1	-.0138	.0477	34.50	.0014	.0727	62.31	-.0071	.9125
Stddev	.0004	6.8	.0038	.0006	2.13	.0000	.0012	.12	.0005	.0056
%RSD	21.75	.9517	27.72	1.283	6.169	2.847	1.614	.1950	6.983	.6182

#1	-.0017	713.8	-.0103	.0478	32.06	.0014	.0741	62.35	-.0066	.9088
#2	-.0015	714.4	-.0178	.0470	35.50	.0014	.0721	62.41	-.0075	.9097
#3	-.0022	725.9	-.0131	.0483	35.95	.0014	.0720	62.18	-.0073	.9190

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.36	.0835	619.6	718.4	1127.	8.160	-.0009	13.09	2.380	.0477
Stddev	.18	.0004	6.9	8.5	4.	.020	.0003	.02	.015	.0021
%RSD	.9522	.4782	1.117	1.182	.3715	.2470	33.81	.1756	.6254	4.357

#1	19.17	.0830	611.7	718.1	1131.	8.179	-.0012	13.07	2.372	.0494
#2	19.35	.0837	622.4	727.0	1123.	8.163	-.0006	13.09	2.370	.0483
#3	19.54	.0837	624.7	710.0	1125.	8.139	-.0010	13.11	2.397	.0454

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0308	-.0315	20.93	.0085	.4265	49.26	-.0002	1.166	.8165
Stddev	.0029	.0114	.11	.0007	.0005	.09	.0036	.004	.0046
%RSD	9.536	36.28	.5140	8.415	.1284	.1753	1619.	.3894	.5619

#1	-.0285	-.0202	20.88	.0085	.4264	49.28	-.0022	1.161	.8146
#2	-.0341	-.0430	20.86	.0092	.4271	49.16	-.0024	1.170	.8132
#3	-.0297	-.0314	21.05	.0078	.4260	49.33	.0039	1.167	.8218

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3911.7	87698.	7277.1
Stddev	20.7	396.	8.9
%RSD	.52794	.45101	.12162

#1	3922.6	88150.	7281.9
#2	3924.6	87414.	7282.4
#3	3887.9	87529.	7266.8

Sample Name: L1924618-28,T,2 Acquired: 6/25/2019 2:45:22 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0007	543.2	.0159	2.710	4.198	.0022	.0446	229.1	-.0009	.6471
Stddev	.0006	4.1	.0007	.039	.023	.0000	.0016	.5	.0006	.0101
%RSD	84.32	.7458	4.374	1.443	.5534	1.900	3.672	.2288	67.49	1.553

#1	-.0001	547.4	.0167	2.694	4.224	.0023	.0438	229.6	-.0013	.6417
#2	-.0014	543.0	.0153	2.682	4.187	.0023	.0435	229.2	-.0011	.6410
#3	-.0007	539.3	.0159	2.755	4.181	.0022	.0465	228.6	-.0002	.6587

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.79	.3754	458.4	478.4	798.1	5.950	-.0000	67.95	1.642	1.236
Stddev	.01	.0002	3.1	1.7	4.7	.014	.0003	.25	.024	.025
%RSD	.0972	.0513	.6826	.3481	.5898	.2419	1228.	.3750	1.461	2.014

#1	10.80	.3755	461.4	480.3	797.1	5.964	-.0003	68.04	1.630	1.225
#2	10.78	.3756	458.8	477.1	803.2	5.950	-.0001	68.14	1.627	1.218
#3	10.80	.3752	455.1	477.9	793.9	5.935	.0003	67.66	1.670	1.264

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0239	-.0207	12.68	.0166	1.308	41.91	-.0044	.8899	1.408
Stddev	.0021	.0048	.17	.0010	.008	.13	.0022	.0010	.020
%RSD	8.940	23.06	1.369	5.780	.6139	.3198	50.40	.1139	1.410

#1	.0242	-.0244	12.60	.0174	1.312	42.05	-.0019	.8911	1.396
#2	.0259	-.0223	12.55	.0169	1.314	41.78	-.0063	.8895	1.397
#3	.0217	-.0153	12.88	.0156	1.299	41.90	-.0050	.8893	1.431

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4066.9	91559.	7576.5
Stddev	60.2	291.	51.2
%RSD	1.4802	.31771	.67522

#1	4096.6	91229.	7551.7
#2	4106.4	91780.	7542.5
#3	3997.6	91667.	7635.3

Sample Name: L1924618-29,T,2 Acquired: 6/25/2019 2:50:01 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0022	634.7	-.0102	.0681	23.99	.0008	.0514	76.81	-.0066	.7433
Stddev	.0004	11.6	.0050	.0005	.42	.0000	.0021	.17	.0005	.0052
%RSD	18.76	1.832	49.33	.7025	1.756	3.500	4.181	.2196	7.480	.7061

#1	-.0026	646.0	-.0058	.0680	24.28	.0008	.0490	76.95	-.0071	.7411
#2	-.0021	622.8	-.0157	.0676	23.51	.0008	.0533	76.85	-.0067	.7395
#3	-.0018	635.4	-.0091	.0686	24.19	.0008	.0517	76.62	-.0061	.7493

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.14	.1949	494.4	503.7	977.4	5.659	-.0009	11.34	1.974	.2477
Stddev	.03	.0012	5.7	1.1	8.7	.016	.0003	.02	.013	.0037
%RSD	.1972	.6018	1.150	.2157	.8851	.2745	33.66	.2152	.6707	1.509

#1	13.17	.1962	500.9	504.1	987.4	5.670	-.0010	11.36	1.967	.2439
#2	13.12	.1939	492.3	504.5	972.0	5.665	-.0006	11.34	1.966	.2478
#3	13.14	.1946	490.2	502.4	972.8	5.641	-.0011	11.31	1.990	.2514

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0318	-.0287	19.83	.0104	.4963	44.96	-.0057	.8320	1.006
Stddev	.0029	.0080	.11	.0011	.0015	.35	.0017	.0017	.008
%RSD	9.199	27.69	.5760	10.51	.2922	.7724	30.59	.2052	.7509

#1	-.0350	-.0358	19.76	.0099	.4979	45.14	-.0039	.8339	1.002
#2	-.0309	-.0201	19.76	.0116	.4958	45.17	-.0074	.8314	1.001
#3	-.0294	-.0303	19.96	.0096	.4951	44.56	-.0058	.8306	1.015

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4043.0	90590.	7494.1
Stddev	30.1	304.	67.5
%RSD	.74568	.33520	.90099

#1	4053.1	90244.	7420.9
#2	4066.9	90813.	7553.9
#3	4009.2	90713.	7507.5

Sample Name: L1924618-30,T,2 Acquired: 6/25/2019 2:54:47 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0021	750.6	-.0138	.0645	29.83	.0003	.0641	109.7	-.0081	.8900
Stddev	.0002	8.5	.0027	.0009	.24	.0000	.0024	.7	.0002	.0078
%RSD	10.71	1.138	19.38	1.365	.8203	16.76	3.672	.6086	2.827	.8750

#1	-.0018	750.5	-.0144	.0652	30.11	.0003	.0644	110.5	-.0083	.8968
#2	-.0023	742.2	-.0161	.0635	29.65	.0002	.0616	109.3	-.0083	.8815
#3	-.0021	759.2	-.0109	.0647	29.74	.0003	.0663	109.4	-.0079	.8917

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.84	.2030	596.3	584.0	1111.	6.864	-.0013	13.12	2.291	.0353
Stddev	.08	.0011	5.4	6.9	7.	.041	.0004	.11	.021	.0029
%RSD	.4678	.5204	.9007	1.180	.6582	.6006	27.48	.8634	.9033	8.196

#1	17.93	.2041	602.3	589.5	1120.	6.911	-.0010	13.25	2.309	.0363
#2	17.81	.2031	594.4	576.2	1107.	6.835	-.0012	13.04	2.268	.0375
#3	17.77	.2019	592.1	586.2	1107.	6.847	-.0016	13.07	2.295	.0320

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0357	-.0367	18.22	.0106	.5574	52.44	-.0090	.9947	.7186
Stddev	.0020	.0018	.17	.0018	.0052	.06	.0016	.0036	.0064
%RSD	5.593	4.997	.9278	16.86	.9246	.1063	18.00	.3654	.8962

#1	-.0347	-.0388	18.39	.0124	.5633	52.45	-.0084	.9986	.7250
#2	-.0380	-.0358	18.06	.0088	.5541	52.38	-.0108	.9942	.7121
#3	-.0345	-.0355	18.21	.0105	.5548	52.49	-.0077	.9914	.7186

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3958.5	88884.	7393.1
Stddev	27.3	407.	55.6
%RSD	.69051	.45735	.75154

#1	3964.5	88482.	7337.9
#2	3982.4	89295.	7449.0
#3	3928.7	88874.	7392.3

Sample Name: L1924618-31,T,2 Acquired: 6/25/2019 2:59:37 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0023	847.3	-.0186	.5406	24.10	-.0007	.0652	150.6	-.0093	.9826
Stddev	.0006	2.0	.0064	.0045	.53	.0000	.0019	.3	.0003	.0069
%RSD	25.08	.2302	34.24	.8258	2.217	.7256	2.857	.2206	2.819	.7065

#1	-.0019	847.7	-.0190	.5453	24.50	-.0007	.0633	151.0	-.0090	.9895
#2	-.0020	849.0	-.0121	.5400	24.32	-.0007	.0671	150.4	-.0095	.9827
#3	-.0030	845.1	-.0248	.5364	23.49	-.0007	.0653	150.4	-.0094	.9756

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.77	.1973	661.1	434.4	1245.	8.232	-.0018	11.53	2.522	.0507
Stddev	.06	.0006	3.9	1.3	8.	.024	.0006	.04	.019	.0048
%RSD	.4079	.2797	.5879	.2969	.6135	.2906	31.23	.3640	.7647	9.430

#1	14.83	.1979	662.2	435.9	1248.	8.260	-.0012	11.58	2.544	.0562
#2	14.76	.1969	664.3	433.5	1251.	8.217	-.0020	11.50	2.517	.0479
#3	14.71	.1971	656.7	433.8	1236.	8.220	-.0023	11.51	2.506	.0480

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0318	-.0346	18.07	.0114	.6385	55.27	-.0073	.9714	.8912
Stddev	.0022	.0077	.14	.0008	.0029	.37	.0017	.0037	.0069
%RSD	7.073	22.21	.7667	6.812	.4589	.6740	22.88	.3774	.7729

#1	-.0344	-.0295	18.22	.0119	.6418	55.67	-.0059	.9752	.8987
#2	-.0308	-.0308	18.03	.0105	.6368	54.93	-.0091	.9713	.8898
#3	-.0302	-.0434	17.95	.0118	.6367	55.21	-.0069	.9679	.8851

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3904.9	87493.	7200.1
Stddev	18.3	348.	32.0
%RSD	.46801	.39732	.44446

#1	3917.7	87105.	7165.0
#2	3913.0	87598.	7207.6
#3	3883.9	87776.	7227.7

Sample Name: L1924618-32,T,2 Acquired: 6/25/2019 3:04:25 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0022	647.8	-.0097	.0668	23.26	.0026	.0509	97.29	-.0072	.7955
Stddev	.0004	2.3	.0017	.0023	.31	.0000	.0029	.10	.0002	.0053
%RSD	19.71	.3607	17.35	3.418	1.348	.5410	5.665	.0980	2.251	.6645

#1	-.0024	650.5	-.0112	.0642	23.50	.0026	.0509	97.23	-.0074	.7959
#2	-.0025	646.7	-.0100	.0674	22.91	.0026	.0480	97.24	-.0072	.7901
#3	-.0017	646.2	-.0079	.0687	23.37	.0026	.0538	97.40	-.0071	.8007

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.12	.3828	530.8	524.7	1015.	7.087	-.0014	10.80	2.033	.0385
Stddev	.05	.0009	2.0	.3	8.	.003	.0004	.02	.013	.0033
%RSD	.5243	.2411	.3808	.0662	.8305	.0380	29.82	.2098	.6179	8.568

#1	10.18	.3828	532.4	525.1	1024.	7.087	-.0012	10.79	2.030	.0390
#2	10.07	.3819	528.6	524.4	1014.	7.085	-.0010	10.77	2.021	.0350
#3	10.12	.3837	531.5	524.6	1007.	7.090	-.0018	10.82	2.046	.0415

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0267	-.0195	19.95	.0067	.5732	48.95	-.0044	.9341	.7866
Stddev	.0025	.0040	.12	.0010	.0010	.67	.0028	.0049	.0056
%RSD	9.385	20.48	.6045	14.60	.1827	1.359	64.11	.5215	.7100

#1	-.0274	-.0217	19.92	.0061	.5734	49.29	-.0042	.9391	.7868
#2	-.0288	-.0219	19.84	.0062	.5721	48.18	-.0017	.9294	.7809
#3	-.0239	-.0149	20.08	.0078	.5742	49.37	-.0073	.9339	.7921

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4007.1	89426.	7304.9
Stddev	30.8	201.	10.3
%RSD	.76909	.22473	.14154

#1	4021.4	89194.	7295.1
#2	4028.1	89553.	7303.8
#3	3971.7	89530.	7315.7

Sample Name: L1924618-33,T,2 Acquired: 6/25/2019 3:09:13 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0014	545.2	-.0096	.0394	20.65	.0053	.0504	58.72	-.0059	.7573
Stddev	.0002	4.1	.0027	.0003	.06	.0000	.0025	.21	.0003	.0052
%RSD	18.05	.7573	28.49	.8031	.2809	.3074	5.057	.3554	5.260	.6850

#1	-.0015	548.5	-.0121	.0391	20.71	.0053	.0497	58.95	-.0063	.7555
#2	-.0011	540.6	-.0100	.0397	20.60	.0053	.0532	58.67	-.0058	.7532
#3	-.0015	546.5	-.0067	.0393	20.63	.0053	.0482	58.54	-.0057	.7631

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.24	.1585	487.9	553.4	903.7	8.000	-.0008	10.65	1.969	.0415
Stddev	.04	.0009	4.3	2.7	11.6	.023	.0004	.02	.015	.0020
%RSD	.2727	.5824	.8804	.4821	1.280	.2859	44.82	.1591	.7726	4.891

#1	15.26	.1591	491.6	556.4	916.3	8.023	-.0011	10.66	1.963	.0406
#2	15.20	.1590	483.2	552.6	901.5	7.999	-.0011	10.63	1.957	.0401
#3	15.28	.1574	489.1	551.2	893.5	7.978	-.0004	10.65	1.986	.0439

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0358	-.0182	23.06	.0076	.4821	49.91	-.0033	1.146	.8989
Stddev	.0035	.0050	.15	.0005	.0009	.18	.0016	.004	.0078
%RSD	9.757	27.38	.6639	6.779	.1851	.3599	48.93	.3808	.8712

#1	-.0387	-.0199	22.99	.0071	.4831	49.74	-.0021	1.148	.8956
#2	-.0368	-.0221	22.96	.0076	.4813	49.90	-.0027	1.141	.8932
#3	-.0319	-.0126	23.24	.0081	.4820	50.09	-.0051	1.149	.9078

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4093.5	91681.	7587.9
Stddev	40.0	258.	32.2
%RSD	.97642	.28127	.42473

#1	4110.0	91919.	7552.6
#2	4122.6	91718.	7615.7
#3	4047.9	91407.	7595.6

Sample Name: L1924618-34,T,2 Acquired: 6/25/2019 3:14:00 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0020	748.4	-.0088	.0646	22.03	-.0013	.0578	125.6	-.0066	.9011
Stddev	.0006	2.2	.0036	.0008	.13	.0000	.0009	.7	.0001	.0061
%RSD	29.17	.2994	40.98	1.262	.5909	.9198	1.481	.5380	1.289	.6769

#1	-.0021	750.4	-.0056	.0650	22.11	-.0013	.0573	126.3	-.0067	.8972
#2	-.0026	748.8	-.0081	.0637	22.10	-.0014	.0574	125.4	-.0065	.8980
#3	-.0014	746.0	-.0127	.0651	21.88	-.0013	.0588	125.0	-.0066	.9081

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.86	.5024	579.0	406.2	1086.	6.691	-.0012	10.84	2.162	.0015
Stddev	.06	.0017	3.4	2.2	2.	.029	.0004	.05	.016	.0042
%RSD	.4787	.3293	.5949	.5458	.2262	.4334	33.90	.4451	.7271	282.6

#1	12.86	.5043	578.7	408.4	1084.	6.724	-.0017	10.90	2.153	-.0016
#2	12.93	.5013	575.7	406.2	1088.	6.678	-.0009	10.83	2.154	-.0002
#3	12.80	.5015	582.6	404.0	1086.	6.670	-.0010	10.80	2.181	.0063

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0272	-.0224	20.53	.0087	.5441	54.50	-.0073	.8437	2.008
Stddev	.0023	.0039	.13	.0007	.0040	.44	.0006	.0039	.015
%RSD	8.286	17.53	.6384	7.890	.7336	.8059	8.455	.4651	.7462

#1	-.0298	-.0193	20.46	.0079	.5486	54.98	-.0066	.8431	1.997
#2	-.0263	-.0268	20.45	.0089	.5409	54.41	-.0073	.8479	2.001
#3	-.0256	-.0211	20.68	.0093	.5429	54.12	-.0078	.8402	2.025

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3950.3	88411.	7310.9
Stddev	24.6	560.	21.8
%RSD	.62236	.63290	.29881

#1	3967.2	88531.	7287.3
#2	3961.6	87802.	7330.5
#3	3922.1	88902.	7314.9

Sample Name: XL1924610-05,C Acquired: 6/25/2019 3:18:47 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0003	.1152	.0033	-.0031	.0040	-.0001	.0007	.0259	.0000	.0003
Stddev	.0002	.0120	.0025	.0005	.0004	.0000	.0004	.0088	.0000	.0001
%RSD	63.75	10.41	75.94	14.82	9.839	5.751	55.46	34.08	159.4	49.67

#1	-.0006	.1073	.0006	-.0035	.0036	-.0001	.0003	.0188	.0000	.0003
#2	-.0003	.1093	.0054	-.0031	.0042	-.0001	.0010	.0230	.0000	.0001
#3	-.0002	.1290	.0038	-.0026	.0044	-.0001	.0007	.0357	-.0000	.0003

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027	-.0041	.1310	.3703	.2799	.0012	-.0001	.0490	-.0009	-.0002
Stddev	.0002	.0004	.0142	.0437	.0286	.0003	.0003	.0064	.0003	.0008
%RSD	8.369	10.23	10.88	11.80	10.22	20.15	175.3	13.17	30.06	519.2

#1	.0028	-.0037	.1183	.3240	.3042	.0015	-.0004	.0550	-.0006	-.0009
#2	.0028	-.0044	.1282	.3760	.2871	.0010	-.0002	.0498	-.0011	-.0004
#3	.0024	-.0044	.1464	.4109	.2484	.0013	.0001	.0421	-.0008	.0008

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0017	.0014	.0199	-.0016	.0002	.0330	-.0000	.0004	.0002
Stddev	.0018	.0016	.0020	.0001	.0000	.0023	.0005	.0002	.0001
%RSD	103.0	116.5	9.874	5.515	2.264	6.834	2675.	38.24	25.27

#1	-.0035	.0002	.0213	-.0015	.0002	.0350	-.0006	.0003	.0003
#2	.0001	.0033	.0208	-.0016	.0001	.0333	.0003	.0004	.0003
#3	-.0017	.0007	.0177	-.0015	.0002	.0306	.0002	.0006	.0002

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4704.1	104420.	7773.0
Stddev	75.6	154.	51.0
%RSD	1.6079	.14774	.65646

#1	4746.6	104570.	7766.9
#2	4748.8	104260.	7725.3
#3	4616.7	104420.	7826.8

Sample Name: XL1924610-06,C Acquired: 6/25/2019 3:23:03 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment: 10

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	.0501	.0034	-.0031	.0012	-.0001	-.0001	-.0027	.0001	.0000
Stddev	.0006	.0037	.0023	.0004	.0005	.0000	.0011	.0082	.0000	.0001
%RSD	462.8	7.439	68.75	13.17	40.52	5.175	1025.	304.0	45.75	207.0

#1	.0002	.0468	.0056	-.0035	.0006	-.0001	.0003	-.0087	.0001	-.0000
#2	-.0008	.0495	.0009	-.0031	.0015	-.0001	.0007	-.0061	.0000	-.0000
#3	.0002	.0542	.0037	-.0027	.0015	-.0001	-.0013	.0067	.0000	.0002

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	-.0046	.0364	.1806	.0826	.0004	-.0002	.0256	-.0009	-.0011
Stddev	.0002	.0002	.0100	.0115	.0009	.0003	.0002	.0059	.0004	.0007
%RSD	37.67	4.390	27.63	6.360	1.049	76.25	91.87	22.92	39.57	59.43

#1	.0006	-.0048	.0248	.1886	.0831	.0002	-.0003	.0204	-.0008	-.0004
#2	.0004	-.0044	.0421	.1858	.0830	.0008	.0000	.0319	-.0006	-.0014
#3	.0003	-.0047	.0423	.1674	.0816	.0003	-.0002	.0244	-.0013	-.0016

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0018	-.0006	.0106	-.0020	.0002	.0100	.0002	.0001	.0002
Stddev	.0004	.0005	.0005	.0002	.0001	.0007	.0005	.0001	.0000
%RSD	23.74	95.67	4.820	8.028	62.98	6.730	220.7	179.7	29.07

#1	-.0022	-.0008	.0112	-.0021	.0000	.0106	-.0003	.0000	.0002
#2	-.0018	.0001	.0103	-.0018	.0002	.0101	.0005	-.0000	.0001
#3	-.0013	-.0009	.0104	-.0020	.0002	.0093	.0004	.0002	.0001

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4747.6	105110.	7822.5
Stddev	65.2	531.	60.1
%RSD	1.3739	.50540	.76859

#1	4787.3	105280.	7887.2
#2	4783.2	104510.	7811.8
#3	4672.3	105530.	7768.4

Sample Name: CCV Acquired: 6/25/2019 3:27:20 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .4301	.5202	.5032	.4612	.4758	.4828	-.0015	.4711	.4629	.4604
Stddev	.0020	.0243	.0013	.0021	.0010	.0044	.0005	.0078	.0022	.0020
%RSD	.4546	4.669	.2645	.4482	.2020	.9052	34.41	1.655	.4770	.4265
#1	.4280	.5131	.5018	.4594	.4762	.4867	-.0009	.4687	.4612	.4588
#2	.4319	.5002	.5045	.4607	.4765	.4837	-.0019	.4647	.4622	.4597
#3	.4303	.5472	.5032	.4635	.4747	.4781	-.0017	.4798	.4654	.4626
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit	.5524									
Low Limit	.4476									
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4567	.4642	F .4383	4.956	.5157	F .4338	.4685	9.400	.4767	.4822
Stddev	.0011	.0011	.0173	.027	.0024	.0002	.0030	.021	.0022	.0025
%RSD	.2477	.2309	3.953	.5461	.4629	.0540	.6463	.2273	.4566	.5173
#1	.4555	.4636	.4298	4.924	.5175	.4338	.4657	9.415	.4751	.4805
#2	.4576	.4635	.4269	4.971	.5165	.4335	.4682	9.409	.4758	.4810
#3	.4571	.4654	.4583	4.971	.5130	.4340	.4717	9.375	.4792	.4851
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.5524			.5524				
Low Limit			.4476			.4476				
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.4605	.4678	4.939	.4763	F .4249	.4773	.4694	.4603	.4836	
Stddev	.0032	.0018	.021	.0031	.0015	.0017	.0031	.0016	.0023	
%RSD	.7045	.3879	.4212	.6516	.3428	.3471	.6579	.3538	.4756	
#1	.4584	.4658	4.927	.4731	.4261	.4785	.4668	.4584	.4820	
#2	.4588	.4694	4.927	.4765	.4254	.4754	.4685	.4614	.4826	
#3	.4642	.4681	4.963	.4793	.4233	.4780	.4728	.4611	.4862	
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	
High Limit					.5524					
Low Limit					.4476					
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4722.0	104120.	7808.6							
Stddev	32.7	447.	24.0							
%RSD	.69197	.42932	.30733							
#1	4746.0	104640.	7789.0							
#2	4735.1	103920.	7801.4							
#3	4684.8	103820.	7835.4							

Sample Name: CCB Acquired: 6/25/2019 3:31:34 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0459	.0040	-.0025	.0018	.0006	.0003	.0061	.0005	.0006
Stddev	.0005	.0079	.0028	.0001	.0004	.0000	.0007	.0029	.0001	.0002
%RSD	63.54	17.20	69.57	2.475	24.13	7.073	223.7	47.60	15.42	40.91
#1	.0012	.0548	.0021	-.0025	.0019	.0007	.0011	.0075	.0006	.0005
#2	.0008	.0395	.0028	-.0024	.0014	.0006	-.0003	.0028	.0004	.0004
#3	.0003	.0435	.0072	-.0025	.0022	.0006	.0002	.0081	.0004	.0008

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	-.0040	.0338	.1468	.0727	.0005	.0012	.0457	-.0004	-.0002
Stddev	.0003	.0004	.0055	.0724	.0022	.0003	.0001	.0114	.0003	.0011
%RSD	32.86	9.975	16.17	49.30	2.987	58.39	6.692	25.07	65.04	579.6
#1	.0013	-.0035	.0396	.0648	.0743	.0003	.0013	.0482	-.0003	-.0014
#2	.0008	-.0041	.0288	.1737	.0736	.0003	.0011	.0556	-.0008	.0001
#3	.0007	-.0043	.0330	.2019	.0702	.0008	.0011	.0332	-.0002	.0007

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023	.0025	.0089	-.0002	.0007	.0054	.0010	.0008	.0005
Stddev	.0002	.0041	.0013	.0007	.0002	.0002	.0011	.0002	.0001
%RSD	9.908	164.1	15.11	350.9	27.92	2.794	108.1	30.05	15.12
#1	.0022	.0055	.0103	.0006	.0006	.0055	.0021	.0006	.0006
#2	.0026	-.0022	.0089	-.0003	.0006	.0055	-.0000	.0007	.0004
#3	.0022	.0041	.0076	-.0008	.0009	.0052	.0009	.0011	.0005

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4691.4	104590.	7742.1
Stddev	72.9	225.	6.9
%RSD	1.5540	.21512	.08889
#1	4735.5	104830.	7738.4
#2	4731.4	104380.	7750.1
#3	4607.2	104560.	7738.0

Sample Name: L1924618-35,T,2 Acquired: 6/25/2019 3:35:51 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-0.0013	613.1	-0.0071	.0217	25.25	.0024	.0562	77.84	-.0057	.7651
Stddev	.0000	5.8	.0042	.0005	.35	.0000	.0022	.25	.0003	.0057
%RSD	2.387	.9419	59.19	2.243	1.377	1.090	3.939	.3248	5.701	.7448

#1	-0.0013	615.3	-0.0112	.0223	24.88	.0024	.0581	77.62	-.0057	.7619
#2	-0.0012	617.4	-0.0028	.0214	25.57	.0024	.0538	78.11	-.0060	.7618
#3	-0.0013	606.5	-0.0074	.0214	25.29	.0023	.0568	77.79	-.0054	.7717

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.83	.4527	513.7	502.7	954.1	6.716	-.0008	9.123	2.017	.0534
Stddev	.03	.0015	2.0	2.0	7.5	.021	.0005	.040	.015	.0027
%RSD	.1866	.3335	.3924	.3903	.7836	.3095	66.18	.4337	.7419	5.082

#1	14.83	.4516	511.7	500.4	958.2	6.696	-.0007	9.082	2.011	.0513
#2	14.86	.4545	515.7	503.5	958.7	6.737	-.0013	9.127	2.006	.0524
#3	14.81	.4522	513.8	504.1	945.5	6.714	-.0003	9.161	2.034	.0565

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0232	-.0262	16.79	.0098	.4439	45.31	-.0039	.8610	.7444
Stddev	.0040	.0030	.10	.0010	.0007	.03	.0026	.0015	.0058
%RSD	17.36	11.58	.6178	10.40	.1635	.0596	65.46	.1685	.7766

#1	-.0197	-.0297	16.73	.0109	.4431	45.28	-.0065	.8598	.7416
#2	-.0276	-.0247	16.72	.0091	.4440	45.32	-.0013	.8626	.7405
#3	-.0222	-.0241	16.91	.0092	.4446	45.34	-.0040	.8607	.7510

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4017.2	90008.	7384.4
Stddev	30.5	94.	45.8
%RSD	.75879	.10433	.62063

#1	4036.2	89918.	7373.0
#2	4033.3	90002.	7345.4
#3	3982.0	90105.	7434.9

Sample Name: L1924618-36,T,2 Acquired: 6/25/2019 3:40:38 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0019	733.2	-.0097	.0480	20.00	-.0001	.0604	113.1	-.0053	.8426
Stddev	.0003	14.7	.0028	.0019	.18	.0000	.0029	.3	.0001	.0033
%RSD	14.71	2.010	29.06	3.992	.8795	17.30	4.879	.2939	1.796	.3884
#1	-.0019	742.9	-.0071	.0497	20.09	-.0001	.0582	113.5	-.0054	.8427
#2	-.0016	740.4	-.0093	.0484	19.80	-.0001	.0637	112.9	-.0052	.8393
#3	-.0022	716.2	-.0127	.0459	20.11	-.0001	.0591	112.9	-.0054	.8458
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.73	.1405	510.8	361.0	1118.	5.576	-.0005	9.151	2.400	.0772
Stddev	.02	.0002	4.7	.4	2.	.014	.0006	.013	.008	.0061
%RSD	.0902	.1114	.9163	.0986	.1494	.2427	126.5	.1438	.3396	7.859
#1	17.71	.1405	514.4	361.4	1120.	5.592	.0002	9.163	2.403	.0760
#2	17.72	.1406	505.5	361.1	1117.	5.570	-.0006	9.137	2.391	.0718
#3	17.74	.1403	512.5	360.7	1117.	5.566	-.0010	9.153	2.406	.0837
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	-.0328	-.0310	26.21	.0098	.5140	51.41	-.0063	.7233	.6834	
Stddev	.0037	.0026	.08	.0003	.0009	.69	.0009	.0009	.0034	
%RSD	11.36	8.473	.2930	2.595	.1698	1.349	13.85	.1227	.5011	
#1	-.0359	-.0293	26.26	.0100	.5132	52.10	-.0054	.7223	.6840	
#2	-.0287	-.0340	26.12	.0098	.5139	51.41	-.0072	.7239	.6797	
#3	-.0338	-.0297	26.24	.0095	.5149	50.71	-.0063	.7238	.6864	
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	3964.9	90428.	7484.1							
Stddev	28.1	49.	10.5							
%RSD	.70883	.05442	.14052							
#1	3985.7	90465.	7487.1							
#2	3976.0	90446.	7492.8							
#3	3932.9	90372.	7472.4							

Sample Name: L1924618-37,T,2 Acquired: 6/25/2019 3:45:26 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0017	551.8	-.0082	.0564	4.981	.0158	.0399	25.76	-.0052	.5611
Stddev	.0006	1.7	.0036	.0004	.005	.0000	.0006	.03	.0003	.0038
%RSD	31.82	.3096	43.99	.6277	.0973	.2390	1.408	.1233	6.139	.6800

#1	-.0011	553.3	-.0047	.0563	4.983	.0158	.0398	25.79	-.0052	.5591
#2	-.0020	549.9	-.0079	.0569	4.975	.0157	.0404	25.73	-.0049	.5588
#3	-.0021	552.1	-.0120	.0562	4.984	.0158	.0393	25.77	-.0055	.5655

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.70	.0140	331.6	469.8	1366.	2.001	-.0003	3.756	2.197	.0023
Stddev	.04	.0007	2.8	1.5	7.	.005	.0002	.008	.012	.0015
%RSD	.3604	4.775	.8557	.3200	.4976	.2683	60.77	.2084	.5421	63.83

#1	10.73	.0138	332.4	471.4	1364.	2.005	-.0002	3.754	2.192	.0010
#2	10.66	.0148	328.5	469.8	1361.	1.995	-.0003	3.749	2.189	.0020
#3	10.72	.0135	334.0	468.4	1374.	2.003	-.0006	3.765	2.211	.0038

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0202	-.0180	20.81	.0055	.1431	34.06	-.0010	.0441	.6773
Stddev	.0016	.0016	.10	.0004	.0004	.17	.0016	.0005	.0051
%RSD	7.984	8.912	.4968	7.574	.2862	.5088	166.6	1.131	.7523

#1	-.0185	-.0191	20.74	.0052	.1430	34.19	.0009	.0442	.6749
#2	-.0202	-.0187	20.76	.0060	.1428	33.86	-.0020	.0436	.6739
#3	-.0218	-.0162	20.93	.0053	.1436	34.13	-.0017	.0446	.6832

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4027.1	90046.	7475.9
Stddev	34.1	403.	26.8
%RSD	.84782	.44793	.35823

#1	4048.3	89719.	7470.4
#2	4045.2	90497.	7505.0
#3	3987.7	89922.	7452.3

Sample Name: L1924618-38,T,2 Acquired: 6/25/2019 3:50:04 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0015	787.3	-.0148	.0421	23.15	-.0015	.0630	119.8	-.0047	.9995
Stddev	.0004	4.3	.0018	.0004	.29	.0000	.0007	.5	.0004	.0077
%RSD	25.76	.5416	12.18	1.036	1.261	1.280	1.033	.4301	7.520	.7740

#1	-.0014	791.3	-.0158	.0418	22.81	-.0015	.0630	120.0	-.0051	.9935
#2	-.0018	782.8	-.0127	.0419	23.31	-.0015	.0636	119.2	-.0045	.9968
#3	-.0011	788.0	-.0159	.0426	23.31	-.0015	.0623	120.2	-.0045	1.008

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.42	.1603	621.9	440.6	1132.	7.590	.0001	10.95	2.161	.0537
Stddev	.06	.0013	4.1	2.2	5.	.033	.0006	.03	.018	.0028
%RSD	.5361	.8420	.6562	.4937	.4220	.4346	637.1	.2492	.8276	5.178

#1	11.49	.1619	626.0	442.1	1128.	7.602	-.0004	10.96	2.148	.0508
#2	11.38	.1596	617.9	438.1	1130.	7.552	.0007	10.92	2.155	.0540
#3	11.40	.1595	621.7	441.5	1137.	7.615	.0000	10.97	2.182	.0563

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0212	-.0223	14.94	.0106	.4921	55.01	-.0073	.9943	2.242
Stddev	.0026	.0083	.10	.0006	.0013	.33	.0004	.0057	.021
%RSD	12.28	37.00	.6606	5.194	.2706	.6088	5.100	.5693	.9366

#1	-.0184	-.0315	14.86	.0100	.4931	55.37	-.0072	1.001	2.227
#2	-.0217	-.0198	14.90	.0107	.4906	54.71	-.0070	.9903	2.234
#3	-.0235	-.0156	15.05	.0111	.4927	54.95	-.0077	.9918	2.266

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3933.1	88213.	7459.8
Stddev	35.0	383.	27.8
%RSD	.89004	.43389	.37305

#1	3959.6	87791.	7468.3
#2	3946.4	88538.	7482.4
#3	3893.5	88311.	7428.8

Sample Name: L1924618-39,T,2 Acquired: 6/25/2019 3:54:49 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0015	643.8	-.0118	.0484	25.71	.0005	.0523	88.08	-.0065	.7921
Stddev	.0007	5.4	.0023	.0006	.12	.0000	.0027	.36	.0002	.0077
%RSD	48.17	.8451	19.52	1.238	.4569	9.045	5.205	.4070	2.426	.9753

#1	-.0007	649.3	-.0103	.0486	25.77	.0005	.0502	88.27	-.0066	.7875
#2	-.0017	643.8	-.0145	.0488	25.78	.0005	.0513	88.30	-.0065	.7877
#3	-.0020	638.4	-.0107	.0477	25.57	.0006	.0553	87.67	-.0063	.8010

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.62	.1190	504.4	528.5	1020.	6.354	-.0016	11.51	2.062	.0348
Stddev	.04	.0001	1.6	2.6	4.	.026	.0002	.03	.020	.0055
%RSD	.3340	.1251	.3178	.4937	.4127	.4108	14.14	.2781	.9772	15.83

#1	12.65	.1192	505.2	530.7	1023.	6.369	-.0013	11.54	2.053	.0305
#2	12.63	.1191	502.5	529.2	1020.	6.368	-.0016	11.49	2.047	.0330
#3	12.57	.1189	505.4	525.6	1015.	6.323	-.0017	11.48	2.085	.0410

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0276	-.0297	16.51	.0074	.4855	47.92	-.0050	.8597	.6997
Stddev	.0024	.0017	.15	.0016	.0017	.66	.0027	.0034	.0071
%RSD	8.673	5.735	.8856	21.84	.3506	1.371	55.08	.3919	1.014

#1	-.0300	-.0305	16.44	.0074	.4867	48.53	-.0060	.8612	.6976
#2	-.0276	-.0278	16.41	.0057	.4862	47.22	-.0070	.8621	.6939
#3	-.0252	-.0310	16.68	.0089	.4835	48.02	-.0019	.8559	.7076

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3999.1	89701.	7344.5
Stddev	37.2	337.	10.1
%RSD	.93112	.37565	.13762

#1	4018.2	89387.	7340.9
#2	4023.0	89659.	7336.7
#3	3956.2	90057.	7355.9

Sample Name: L1924618-40,T,2 Acquired: 6/25/2019 3:59:37 Type: Unk
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0018	765.5	-.0112	.0329	21.74	-.0011	.0570	160.9	-.0060	.9335
Stddev	.0003	1.6	.0092	.0005	.10	.0000	.0024	.4	.0001	.0100
%RSD	16.27	.2040	82.20	1.532	.4650	1.329	4.294	.2755	1.632	1.076

#1	-.0021	763.8	-.0193	.0331	21.71	-.0011	.0591	160.5	-.0061	.9289
#2	-.0016	766.1	-.0012	.0323	21.66	-.0011	.0543	160.7	-.0059	.9265
#3	-.0016	766.7	-.0131	.0332	21.86	-.0011	.0576	161.4	-.0059	.9450

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.61	.1534	587.6	378.5	1129.	7.114	-.0017	9.034	2.420	.0325
Stddev	.04	.0007	3.4	.6	11.	.023	.0005	.020	.025	.0030
%RSD	.2714	.4386	.5771	.1577	.9501	.3279	31.33	.2260	1.046	9.213

#1	13.65	.1541	585.2	377.8	1117.	7.098	-.0023	9.013	2.408	.0338
#2	13.59	.1532	586.2	378.7	1130.	7.103	-.0015	9.054	2.402	.0291
#3	13.58	.1528	591.5	378.9	1138.	7.141	-.0013	9.036	2.449	.0346

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0291	-.0283	19.58	.0106	.6226	56.31	-.0083	.8614	.7573
Stddev	.0049	.0038	.19	.0022	.0018	.22	.0021	.0029	.0084
%RSD	16.99	13.44	.9580	20.29	.2815	.3881	25.82	.3425	1.108

#1	-.0320	-.0319	19.48	.0123	.6216	56.09	-.0078	.8647	.7534
#2	-.0320	-.0287	19.46	.0113	.6216	56.32	-.0064	.8600	.7516
#3	-.0234	-.0244	19.80	.0082	.6247	56.53	-.0106	.8593	.7669

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	3928.9	88679.	7278.2
Stddev	47.0	163.	55.8
%RSD	1.1964	.18367	.76632

#1	3949.7	88515.	7340.1
#2	3962.0	88841.	7262.7
#3	3875.1	88681.	7231.9

Sample Name: 0.005 Acquired: 6/25/2019 4:04:23 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044	.1916	.0057	.0011	.0105	.0049	.0052	.0346	.0051	.0052
Stddev	.0003	.0160	.0010	.0004	.0008	.0000	.0005	.0078	.0001	.0001
%RSD	7.451	8.350	16.91	38.26	7.368	.1670	9.304	22.37	1.502	1.841
#1	.0048	.2100	.0058	.0009	.0114	.0049	.0047	.0433	.0050	.0051
#2	.0044	.1828	.0047	.0008	.0102	.0049	.0056	.0322	.0051	.0052
#3	.0041	.1819	.0066	.0016	.0100	.0049	.0053	.0284	.0052	.0052

Check ?	Chk Pass	None	Chk Pass	None	None	Chk Pass	None	None	Chk Pass	None
High Limit										
Low Limit										

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076	.0003	.1768	.4846	.3495	.0065	.0048	.0450	.0041	.0043
Stddev	.0006	.0003	.0169	.0432	.0495	.0003	.0002	.0018	.0002	.0012
%RSD	7.950	78.56	9.553	8.917	14.17	4.533	3.913	3.984	5.776	27.70
#1	.0076	.0001	.1962	.5137	.3463	.0068	.0051	.0465	.0044	.0044
#2	.0082	.0006	.1654	.4349	.4005	.0064	.0047	.0431	.0040	.0031
#3	.0070	.0002	.1687	.5051	.3016	.0062	.0047	.0455	.0039	.0055

Check ?	None	None	None	None	None	None	None	None	None	None
High Limit										
Low Limit										

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020	.0050	.0172	.0026	.0048	.0372	.0056	.0051	.0051
Stddev	.0005	.0007	.0017	.0004	.0001	.0023	.0007	.0002	.0002
%RSD	26.46	14.87	9.680	14.21	2.229	6.312	12.34	4.537	3.556
#1	.0025	.0043	.0189	.0024	.0049	.0383	.0051	.0049	.0051
#2	.0015	.0049	.0173	.0030	.0049	.0387	.0053	.0051	.0050
#3	.0020	.0058	.0155	.0023	.0047	.0345	.0064	.0053	.0053

Check ?	None	None	None	None	None	None	None	None	None
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4764.7	106390.	7877.8
Stddev	92.7	386.	3.6
%RSD	1.9460	.36284	.04508
#1	4829.4	105990.	7876.7
#2	4806.2	106760.	7881.8
#3	4658.5	106410.	7875.0

Sample Name: 0.01 Acquired: 6/25/2019 4:08:40 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087	.0262	.0126	F .0065	.0101	.0097	.0105	.0011	.0098	.0099
Stddev	.0004	.0033	.0023	.0005	.0004	.0001	.0012	.0064	.0001	.0001
%RSD	4.639	12.58	17.96	7.883	3.553	.5978	11.44	594.0	.6054	1.105
#1	.0091	.0224	.0112	.0062	.0105	.0098	.0100	-.0017	.0098	.0098
#2	.0088	.0285	.0115	.0062	.0102	.0098	.0119	-.0035	.0098	.0100
#3	.0083	.0275	.0153	.0070	.0098	.0097	.0096	.0084	.0099	.0100
Check ?	None	None	None	Chk Fail	Chk Pass	None	Chk Pass	None	None	Chk Pass
Value				.0131						
Range				.0070						
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111	F .0057	.0270	.3209	.0397	.0089	.0100	.0331	.0096	.0083
Stddev	.0003	.0002	.0014	.0231	.0037	.0002	.0002	.0030	.0002	.0010
%RSD	2.638	4.277	5.275	7.196	9.322	2.191	2.318	9.158	2.152	12.55
#1	.0108	.0054	.0286	.3473	.0361	.0090	.0097	.0316	.0096	.0075
#2	.0114	.0059	.0261	.3109	.0396	.0090	.0102	.0366	.0094	.0079
#3	.0111	.0057	.0262	.3045	.0435	.0086	.0100	.0312	.0098	.0094
Check ?	Chk Pass	Chk Fail	None	None	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value		.0131								
Range		.0070								
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0080	W .0127	.0243	W .0073	.0092	F .0195	.0100	.0097	.0101	
Stddev	.0010	.0024	.0006	.0009	.0001	.0001	.0012	.0004	.0001	
%RSD	13.05	18.52	2.524	12.48	1.301	.5250	11.86	4.354	.9902	
#1	.0073	.0100	.0250	.0083	.0093	.0193	.0105	.0096	.0100	
#2	.0074	.0142	.0237	.0065	.0092	.0196	.0086	.0101	.0100	
#3	.0092	.0140	.0243	.0073	.0090	.0195	.0107	.0093	.0102	
Check ?	None	Chk Warn	None	Chk Warn	Chk Pass	Chk Fail	Chk Pass	Chk Pass	None	
Value		.0121		.0121		.0131				
Range		.0080		.0080		.0070				
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4659.7	103300.	7653.9							
Stddev	68.6	575.	41.4							
%RSD	1.4725	.55702	.54075							
#1	4697.7	103960.	7653.6							
#2	4700.9	102990.	7612.7							
#3	4580.5	102940.	7695.5							

Sample Name: 0.05 Acquired: 6/25/2019 4:12:56 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0437	F .0695	.0499	.0437	.0488	.0490	.0490	.0463	.0490	.0492
Stddev	.0008	.0022	.0008	.0007	.0002	.0004	.0005	.0049	.0004	.0003
%RSD	1.820	3.164	1.685	1.713	.4080	.8245	1.100	10.52	.8779	.6486
#1	.0446	.0705	.0508	.0436	.0490	.0494	.0495	.0480	.0488	.0490
#2	.0434	.0711	.0492	.0431	.0488	.0490	.0489	.0408	.0488	.0490
#3	.0432	.0670	.0499	.0445	.0487	.0486	.0484	.0501	.0495	.0496
Check ?	None	Chk Fail	None	None	None	None	None	Chk Pass	None	None
Value		.0652								
Range		.0348								
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0483	.0461	.0586	2.742	F .0720	.0459	.0492	2.011	.0485	.0482
Stddev	.0002	.0004	.0052	.044	.0056	.0006	.0003	.014	.0006	.0011
%RSD	.4278	.8377	8.935	1.608	7.761	1.384	.7045	.7180	1.171	2.352
#1	.0485	.0458	.0632	2.765	.0779	.0462	.0490	2.027	.0482	.0494
#2	.0482	.0465	.0529	2.691	.0715	.0464	.0489	2.008	.0481	.0471
#3	.0481	.0459	.0597	2.770	.0667	.0452	.0496	1.998	.0491	.0482
Check ?	None	None	Chk Pass	Chk Pass	Chk Fail	None	None	Chk Pass	None	None
Value					.0652					
Range					.0348					
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.0452	.0476	.5058	.0456	.0449	.0540	.0489	.0472	.0494	
Stddev	.0019	.0019	.0020	.0016	.0003	.0006	.0012	.0005	.0005	
%RSD	4.238	3.965	.3926	3.446	.7320	1.136	2.374	.9879	.9714	
#1	.0435	.0494	.5046	.0441	.0452	.0544	.0484	.0474	.0491	
#2	.0472	.0456	.5048	.0455	.0449	.0544	.0503	.0475	.0492	
#3	.0449	.0478	.5081	.0472	.0446	.0533	.0481	.0466	.0500	
Check ?	Chk Pass	None	Chk Pass	None	None	None	None	Chk Pass	None	
Value										
Range										
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4683.5	103890.	7708.1							
Stddev	55.6	155.	64.1							
%RSD	1.1862	.14948	.83100							
#1	4710.2	103840.	7643.7							
#2	4720.6	103760.	7709.0							
#3	4619.6	104060.	7771.8							

Sample Name: ICSA Acquired: 6/25/2019 4:17:07 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0010	276.7	-.0018	.0071	.0012	-.0004	.0102	254.4	-.0019	.0002
Stddev	.0006	.3	.0016	.0008	.0001	.0000	.0021	.3	.0001	.0002
%RSD	61.69	.1046	87.30	11.73	9.029	2.846	20.19	.1354	3.274	124.0
#1	-.0018	276.6	-.0001	.0062	.0013	-.0004	.0102	254.1	-.0019	.0000
#2	-.0007	277.0	-.0021	.0072	.0011	-.0005	.0082	254.8	-.0018	.0004
#3	-.0006	276.5	-.0032	.0079	.0013	-.0004	.0123	254.4	-.0020	.0001

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	-.0014	86.11	.2212	237.5	-.0000	-.0001	.1053	-.0023	-.0038
Stddev	.0003	.0003	.26	.0105	1.7	.0005	.0002	.0127	.0003	.0009
%RSD	17.57	23.72	.3023	4.727	.7354	1442.	485.7	12.10	11.60	23.05
#1	.0017	-.0018	85.83	.2215	238.9	-.0001	-.0003	.1187	-.0020	-.0047
#2	.0017	-.0013	86.17	.2106	235.6	-.0005	.0001	.1039	-.0024	-.0040
#3	.0012	-.0011	86.34	.2315	238.1	.0005	.0000	.0933	-.0025	-.0029

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086	.0010	.0247	-.0002	.0085	.0061	-.0009	.0019	.0035
Stddev	.0006	.0056	.0024	.0009	.0001	.0005	.0005	.0004	.0001
%RSD	6.599	571.9	9.525	562.6	1.487	7.975	50.10	19.29	3.613
#1	.0086	.0062	.0220	-.0001	.0086	.0063	-.0006	.0017	.0036
#2	.0091	.0017	.0254	.0007	.0086	.0056	-.0007	.0023	.0034
#3	.0080	-.0050	.0266	-.0010	.0083	.0065	-.0014	.0017	.0036

Check ? Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4263.7	92883.	7370.4
Stddev	51.8	35.	37.6
%RSD	1.2138	.03814	.50982
#1	4300.4	92880.	7389.7
#2	4286.3	92850.	7394.4
#3	4204.5	92920.	7327.1

Sample Name: IPC Acquired: 6/25/2019 4:21:28 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024	F .1704	.0010	-.0028	.0008	-.0045	.0049	F .1198	-.0000	.0005
Stddev	.0007	.0094	.0033	.0005	.0001	.0001	.0008	.0036	.0000	.0002
%RSD	30.33	5.517	347.1	16.82	6.189	1.722	16.42	3.029	469.4	33.73
#1	.0028	.1619	-.0025	-.0033	.0008	-.0044	.0047	.1163	.0000	.0003
#2	.0016	.1690	.0042	-.0024	.0009	-.0045	.0058	.1197	-.0000	.0006
#3	.0029	.1805	.0011	-.0026	.0008	-.0045	.0043	.1235	-.0001	.0006

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Fail	Chk Pass	Chk Pass
High Limit		.1000						.1000		
Low Limit		-.2000						-.2000		

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.01	-.0072	F .0780	.1495	F .1619	9.717	.0002	.0297	-.0014	-.0001
Stddev	.03	.0005	.0020	.0199	.0169	.021	.0001	.0073	.0002	.0017
%RSD	.2756	7.213	2.570	13.29	10.45	.2105	37.18	24.71	12.14	2451.
#1	9.980	-.0067	.0758	.1364	.1803	9.740	.0002	.0362	-.0015	-.0020
#2	10.02	-.0077	.0798	.1724	.1585	9.710	.0002	.0218	-.0016	.0009
#3	10.03	-.0071	.0783	.1397	.1469	9.700	.0003	.0312	-.0013	.0009

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.0500		.1000					
Low Limit			-.1000		-.2000					

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0145	.0007	.0088	-.0024	.0001	.0051	-.0103	10.22	.0006
Stddev	.0016	.0021	.0005	.0003	.0000	.0003	.0010	.03	.0002
%RSD	10.94	321.2	5.790	11.60	35.09	5.909	9.407	.3268	24.93
#1	-.0152	.0017	.0094	-.0024	.0001	.0055	-.0094	10.19	.0005
#2	-.0157	-.0018	.0084	-.0022	.0001	.0050	-.0113	10.23	.0007
#3	-.0127	.0020	.0086	-.0027	.0001	.0049	-.0103	10.26	.0007

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4638.0	104570.	7819.3
Stddev	63.4	139.	26.0
%RSD	1.3666	.13339	.33311
#1	4669.3	104690.	7797.5
#2	4679.7	104600.	7848.1
#3	4565.1	104420.	7812.1

Sample Name: CCV Acquired: 6/25/2019 4:25:42 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .4276	.4989	.5034	.4617	.4776	.4830	-.0009	.4678	.4613	.4592
Stddev	.0009	.0058	.0055	.0013	.0020	.0015	.0008	.0027	.0020	.0015
%RSD	.2159	1.161	1.086	.2708	.4286	.3065	86.40	.5735	.4287	.3259
#1	.4284	.5041	.5078	.4618	.4787	.4845	-.0001	.4699	.4605	.4597
#2	.4279	.4927	.4973	.4605	.4789	.4816	-.0010	.4687	.4598	.4575
#3	.4266	.4999	.5052	.4630	.4753	.4830	-.0017	.4648	.4635	.4604
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit	.5524									
Low Limit	.4476									
Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4569	.4672	F .4071	5.038	.4818	F .4333	.4686	9.348	.4782	.4797
Stddev	.0019	.0005	.0027	.028	.0068	.0009	.0016	.052	.0024	.0031
%RSD	.4181	.0968	.6753	.5555	1.418	.2169	.3451	.5598	.4979	.6391
#1	.4583	.4676	.4103	5.026	.4876	.4344	.4679	9.386	.4778	.4816
#2	.4547	.4667	.4052	5.017	.4834	.4325	.4674	9.369	.4760	.4761
#3	.4577	.4673	.4060	5.069	.4743	.4331	.4704	9.288	.4807	.4813
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			.5524			.5524				
Low Limit			.4476			.4476				
Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062	
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Avg	.4612	.4664	4.962	.4738	F .4203	.4696	.4700	.4621	.4828	
Stddev	.0032	.0058	.014	.0027	.0018	.0003	.0028	.0013	.0029	
%RSD	.6970	1.238	.2774	.5631	.4254	.0601	.5987	.2711	.5986	
#1	.4580	.4598	4.962	.4731	.4219	.4696	.4686	.4633	.4819	
#2	.4612	.4703	4.948	.4716	.4208	.4694	.4681	.4622	.4805	
#3	.4645	.4692	4.975	.4768	.4184	.4699	.4732	.4608	.4860	
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	
High Limit					.5524					
Low Limit					.4476					
Int. Std.	Y_2243	Y_3600	Y_3710							
Units	Cts/S	Cts/S	Cts/S							
Avg	4712.0	103840.	7782.6							
Stddev	37.4	237.	33.4							
%RSD	.79342	.22838	.42918							
#1	4729.4	103610.	7752.2							
#2	4737.5	104080.	7777.1							
#3	4669.1	103830.	7818.4							

Sample Name: CCB Acquired: 6/25/2019 4:29:55 Type: QC
Method: Trace_4_E200.7_SW6010(v91) Mode: CONC Corr. Factor: 1.000000
User: LC Custom ID1: WG1252163 Custom ID2: Trace4 Custom ID3:
Comment:

Elem	Ag3280	Al3961	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3158	Cd2144	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	.0392	.0033	-.0022	.0010	.0005	.0004	.0018	.0005	.0005
Stddev	.0007	.0009	.0022	.0006	.0003	.0000	.0009	.0066	.0000	.0000
%RSD	80.43	2.322	66.49	28.31	34.36	2.257	206.8	360.9	3.876	5.384
#1	.0003	.0400	.0032	-.0028	.0007	.0005	-.0005	-.0057	.0005	.0005
#2	.0016	.0382	.0055	-.0022	.0008	.0005	.0013	.0065	.0005	.0005
#3	.0006	.0394	.0012	-.0016	.0013	.0005	.0006	.0047	.0005	.0005

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass None Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Cr2677	Cu3247	Fe2599	K_7664	Mg2790	Mn2576R	Mo2020	Na5895	Ni2316	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	-.0044	.0164	.1389	.0452	.0004	.0013	.0344	-.0008	-.0005
Stddev	.0001	.0004	.0034	.0277	.0017	.0005	.0002	.0094	.0003	.0002
%RSD	10.92	9.016	20.49	19.93	3.744	104.1	16.73	27.30	37.78	34.34
#1	.0012	-.0044	.0162	.1217	.0470	.0010	.0016	.0322	-.0005	-.0004
#2	.0012	-.0040	.0131	.1242	.0437	.0002	.0013	.0446	-.0011	-.0004
#3	.0010	-.0048	.0198	.1709	.0448	.0001	.0011	.0263	-.0008	-.0007

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Elem	Sb2068	Se1960	Si2124	Sn1899	Sr4215	Ti3349A	Ti1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019	.0035	.0080	-.0000	.0007	.0032	.0003	.0013	.0005
Stddev	.0005	.0040	.0009	.0005	.0000	.0004	.0011	.0002	.0001
%RSD	24.01	115.8	10.67	1494.	4.453	13.76	396.7	11.97	25.15
#1	.0021	.0064	.0088	-.0002	.0007	.0034	-.0008	.0014	.0006
#2	.0023	.0052	.0071	.0006	.0007	.0027	.0001	.0013	.0004
#3	.0014	-.0011	.0080	-.0005	.0007	.0034	.0015	.0011	.0004

Check ? Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass Chk Pass
High Limit
Low Limit

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	4701.2	104460.	7759.7
Stddev	61.2	248.	34.8
%RSD	1.3023	.23767	.44795
#1	4731.9	104370.	7728.6
#2	4740.9	104260.	7797.2
#3	4630.7	104740.	7753.4

QC True Values: Trace 4,5,6,7

	Element	True Value (mg/L)		Element	True Value (mg/L)
ICV/CCV	Al	0.50	CRI	Al	0.40
	K	5.00		Sb	0.10
	Na	10.00		As	0.02
	Si	5.25		Ba	0.04
ICSA				Be	0.01
	Al	250		Bi	0.02
	Ca	250		B	0.10
	Fe	100		Cd	0.01
ICSB	Mg	250		Ca	0.40
				Cr	0.02
	Al	9.00		Co	0.10
	Sb	1.00		Cu	0.05
	As	1.00		Fe	0.20
	Ba	0.30		Pb	0.05
	Be	0.10		Mg	0.40
	Bi	1.00		Mn	0.03
	B	0.50		Mo	0.10
	Cd	0.30		Ni	0.08
	Ca	45.00		K	5.00
	Cr	0.30		Se	0.02
	Co	0.30		Si	1.00
	Cu	0.30		Ag	0.02
	Fe	37.50		Na	5.00
	Pb	1.00		Sr	0.02
	Mg	22.50		Tl	0.02
	Mn	0.20		Sn	0.02
	Mo	0.30		Ti	0.02
	Ni	0.30		V	0.10
	K	20.00		Zn	0.04
	Se	0.50			
	Si	1.23			
	Ag	0.30			
	Na	7.50			
	Sr	1.00			
	Tl	1.00			
	Sn	1.00			
	Ti	1.00			
	V	0.30			
	Zn	0.30			

LCS & MS Spike Concentrations

Element	Liquid concentrations (mg/L)	Soil concentrations (mg/kg)
Al	2.00	100
Sb	0.50	25.0
As	0.12	6.0
Ba	2.00	100
Be	0.05	2.5
Bi	1.00	50.0
B	1.00	50.0
Cd	0.05	2.55
Ca	10.00	500
Cr	0.20	10.0
Co	0.50	25.0
Cu	0.25	12.5
Fe	1.00	50.0
Pb	0.51	25.5
Mg	10.00	500
Mn	0.50	25.0
Mo	1.00	50.0
Ni	0.50	25.0
K	10.00	500
Se	0.12	6.0
Si	1.00	50.0
Ag	0.05	2.5
Na	10.00	500
Sr	1.00	50.0
Tl	0.12	6.0
Sn	1.00	50.0
Ti	1.00	50.0
V	0.50	25.0
Zn	0.50	25.0

LCS and MS Spike Concentrations—As of 08/09/2011

Element	Liquid Concentration(mg/L)	Soil Concentration (mg/kg)
Al	2.00	160
Sb	0.50	40
As	0.12	9.6
Ba	2.00	160
Be	0.05	4.0
Bi	1.00	80
B	1.00	80
Cd	0.051	4.08
Ca	10.0	800
Cr	0.20	16
Co	0.50	40
Cu	0.25	20
Fe	1.00	80
Pb	0.51	40.8
Mg	10.0	800
Mn	0.50	40
Mo	1.00	80
Ni	0.50	40
K	10.0	800
Se	0.12	9.6
Si	1.00	80
Ag	0.05	24
Na	10.0	800
Sr	1.00	80
Tl	0.12	9.6
Sn	1.00	80
Ti	1.00	80
V	0.50	40
Zn	0.50	40

Revised 8/9/11 Soil spike is based on (2x water spike)x(50/1.25), where 50 is the final volume of soil digestate and 1.25 is the nominal digestion weight of 1.25g, except in the case of Ag, where additional Ag is added to the spike.

▪ Certificate of Analysis ▪

Product: Metals in Soil
Catalog Number: 540
Lot No. D102-540
Certificate Issue Date: June 22, 2018
Expiration Date: January 31, 2022
Revision Number: Original

Product use instructions are included as part of the certification packet and are paginated separately from this Certificate of Analysis. Please reference the product use instructions for catalog #540 revision 030512.

CERTIFICATION

Parameter	Certified Value ¹	Reference Value	Uncertainty ²	QC Performance Acceptance Limits ³	PT Performance Acceptance Limits ⁴
	mg/kg	mg/kg	%	mg/kg	mg/kg
Aluminum	10100	8160	6.36	3960 - 12400	4080 - 12200
Antimony	120	60.9	9.42	0.822 - 121	12.0 - 166
Arsenic	144	135	5.08	112 - 158	94.6 - 176
Barium	469	443	6.77	366 - 521	332 - 554
Beryllium	207	197	5.86	164 - 229	148 - 246
Boron	213	174	12.6	127 - 221	105 - 244
Cadmium	224	204	6.65	169 - 240	153 - 256
Calcium	5190	4830	9.12	3950 - 5700	3510 - 6150
Chromium	138	132	8.56	109 - 155	92.2 - 171
Cobalt	182	179	7.93	151 - 207	134 - 224
Copper	191	184	6.72	155 - 213	138 - 230
Iron	15000	14400	10.7	8770 - 20000	5120 - 23600
Lead	225	216	7.72	178 - 254	159 - 274
Magnesium	2570	2340	6.13	1780 - 2900	1460 - 3230
Manganese	331	323	6.71	266 - 380	242 - 404
Mercury	16.8	13.2	16.0	8.64 - 17.7	7.89 - 18.5
Molybdenum	193	175	2.39	141 - 209	125 - 226
Nickel	163	152	5.95	126 - 178	106 - 197
Potassium	2420	2050	6.31	1440 - 2660	1210 - 2890
Selenium	81.9	74.9	4.13	59.3 - 90.5	47.0 - 103
Silver	57.6	53.9	9.00	43.0 - 64.8	37.8 - 70.0
Sodium	161	149	12.1	111 - 188	57.7 - 241
Strontium	100	96.2	4.04	78.1 - 114	69.0 - 123
Thallium	253	232	3.54	188 - 276	168 - 296

▪ Certificate of Analysis ▪

Parameter	Certified Value ¹	Reference Value	Uncertainty ²	QC Performance Acceptance Limits ³	PT Performance Acceptance Limits ⁴
	mg/kg	mg/kg	%	mg/kg	mg/kg
Tin	146	134	10.8	106 - 163	79.5 - 189
Titanium	449	340	7.20	70.2 - 609	44.9 - 711
Uranium	114	113	7.10	85.5 - 140	71.9 - 153
Vanadium	180	172	8.85	137 - 207	126 - 218
Zinc	217	211	6.58	171 - 250	147 - 274

ANALYTICAL VERIFICATION

Parameter	Certified Value ¹	Proficiency Testing Study			NIST Traceability	
		Mean	Recovery ⁵	n	SRM Number	Recovery
	mg/kg	mg/kg	%			%
Aluminum	10100	8160	80.8	138	-	-
Antimony	120	60.9	50.8	135	-	-
Arsenic	144	135	93.8	184	-	-
Barium	469	443	94.5	158	-	-
Beryllium	207	197	95.0	148	-	-
Boron	213	174	81.8	107	-	-
Cadmium	224	204	91.3	199	-	-
Calcium	5190	4830	93.0	122	-	-
Chromium	138	132	95.5	172	-	-
Cobalt	182	179	98.4	140	-	-
Copper	191	184	96.3	183	-	-
Iron	15000	14400	95.6	133	-	-
Lead	225	216	96.2	204	-	-
Magnesium	2570	2340	91.2	122	-	-
Manganese	331	323	97.6	147	-	-
Mercury	16.8	13.2	78.3	128	-	-
Molybdenum	193	175	90.8	143	-	-
Nickel	163	152	93.1	185	-	-
Potassium	2420	2050	84.7	121	-	-
Selenium	81.9	74.9	91.5	163	-	-

▪ Certificate of Analysis ▪

Parameter	Certified Value ¹	Proficiency Testing Study		n	NIST Traceability	
		Mean	Recovery ⁵		SRM Number	Recovery
	mg/kg	mg/kg	%			%
Silver	57.6	53.9	93.6	150	-	-
Sodium	161	149	92.8	105	-	-
Strontium	100	96.2	96.2	90	-	-
Thallium	253	232	91.6	147	-	-
Tin	146	134	92.0	100	-	-
Titanium	449	340	75.6	93	-	-
Uranium	114	113	98.8	35	-	-
Vanadium	180	172	95.4	139	-	-
Zinc	217	211	97.0	180	-	-

1. The **Certified Values** are the actual "made-to" concentrations confirmed by ERA analytical verification. The certified values are monitored and purchasers will be notified of any significant changes resulting in recertification or withdrawal of this certified reference material during the period of validity of this certificate.

2. The **Uncertainty** is the total propagated uncertainty at the 95% confidence interval. The uncertainty is based on the preparation and internal analytical verification of the product by ERA, multiplied by a coverage factor. The uncertainty applies to the product as supplied and does not take into account any required or optional dilution and/or preparations the laboratory may perform while using this product.

3. The **QC Performance Acceptance Limits (QC PALs™)** are based on actual historical data collected in ERA's Proficiency Testing program. The QC PALs™ reflect any inherent biases in the methods used to establish the limits and closely approximate a 95% confidence interval of the performance that experienced laboratories should achieve using accepted environmental methods. Use the QC PALs™ to realistically evaluate your performance against your peers.

4. The **PT Performance Acceptance Limits (PT PALs™)** are calculated using the regression equations and fixed acceptance criteria specified in the NELAC proficiency testing requirements. Use the PT PALs™ when analyzing this QC standard alongside USEPA and NELAC compliant PT standards. Please note that many PT study acceptance limits are concentration dependent (some non-linearly) and, therefore, the acceptance limits of this QC standard and any PT standard may differ relative to their difference in concentrations.

5. The **PT Data/Traceability** data include the mean value, percent recovery and number of data points reported by the laboratories in our Proficiency Testing study compared to the Certified Values. In addition, where NIST Standard Reference Materials (SRMs) are available, each analyte has been analytically traced to the NIST SRM listed. This product is traceable to the lot numbers of its starting materials. All gravimetric and volumetric measurements related to its manufacture are traceable to NIST through an unbroken chain of comparisons.

Traceability Recovery (%) = [(% recovery certified standard)/(% recovery NIST SRM)]*100

The traceability data shown were compiled by analyzing the ERA standards or their associated stock solutions against the applicable NIST SRMs.

6. For additional information on this product such as intended use, instructions for use, level of homogeneity, and safety information, please refer to the provided Instruction Sheet

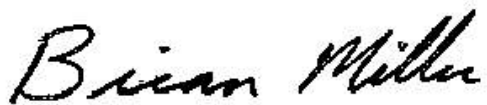
If you have any questions or need technical assistance, please call ERA technical assistance at 1-800-372-0122 or send an email to info@eraqc.com.

Certifying Officer

Brian Miller

Quality Officer

Matthew Seebeck




ISO/IEC GUIDE 34:2009

ISO/IEC 17025:2005



Page 3 of 3 Lot: D102-540



A Waters Company

Reference Material

▪ Certificate of Analysis ▪

Product: Metals in Soil
Catalog Number: 540
Lot No. D105-540
Certificate Issue Date: March 19, 2019
Expiration Date: October 12, 2022
Revision Number: Original

Product use instructions are included as part of the certification packet and are paginated separately from this Certificate of Analysis. Please reference the product use instructions for catalog #540 revision 030512.

CERTIFICATION

Parameter	Certified Value ¹	Reference Value	Uncertainty ²	QC Performance Acceptance Limits ³	PT Performance Acceptance Limits ⁴
	mg/kg	mg/kg	%	mg/kg	mg/kg
Aluminum	10100	8800	8.32	4600 - 13000	4470 - 13100
Antimony	282	147	7.70	6.17 - 289	28.2 - 366
Arsenic	155	143	6.34	119 - 168	100 - 186
Barium	439	415	5.37	343 - 488	311 - 519
Beryllium	192	179	2.78	149 - 210	134 - 224
Boron	216	160	7.08	113 - 208	96.1 - 238
Cadmium	61.5	56.2	0.528	46.6 - 65.9	42.2 - 70.3
Calcium	5190	4960	6.64	4090 - 5840	3610 - 6310
Chromium	104	101	4.75	83.2 - 118	70.5 - 131
Cobalt	196	189	0.500	158 - 219	141 - 236
Copper	65.0	63.1	2.65	53.1 - 73.1	47.3 - 78.9
Iron	15000	15700	8.94	10100 - 21300	6000 - 25400
Lead	126	125	4.77	103 - 146	89.3 - 160
Magnesium	2570	2410	6.26	1860 - 2970	1520 - 3310
Manganese	387	382	5.37	315 - 449	290 - 474
Mercury	7.76	7.61	13.7	5.53 - 9.69	4.57 - 10.7
Molybdenum	120	107	0.500	86.0 - 128	75.5 - 139
Nickel	117	108	0.514	89.5 - 127	75.7 - 141
Potassium	2420	2110	5.62	1500 - 2720	1260 - 2960
Selenium	84.6	77.9	7.10	61.8 - 94.0	49.2 - 107
Silver	34.6	34.3	8.34	27.8 - 40.9	23.6 - 45.1
Sodium	161	145	6.72	106 - 183	54.3 - 235
Strontium	104	104	3.95	85.1 - 123	74.8 - 133
Thallium	123	113	0.500	91.3 - 134	77.1 - 149

Page 1 of 3 Lot: D105-540

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▪ Certificate of Analysis ▪

Parameter	Certified Value ¹	Reference Value	Uncertainty ²	QC Performance Acceptance Limits ³	PT Performance Acceptance Limits ⁴
	mg/kg	mg/kg	%	mg/kg	mg/kg
Tin	118	107	0.500	83.5 - 130	61.2 - 152
Titanium	512	421	5.80	114 - 728	0.00 - 854
Uranium	103	104	6.18	79.1 - 128	71.9 - 135
Vanadium	87.3	83.7	8.55	66.8 - 101	54.2 - 113
Zinc	251	240	3.98	194 - 285	168 - 312

ANALYTICAL VERIFICATION

Parameter	Certified Value ¹	Proficiency Testing Study			NIST Traceability	
		Mean	Recovery ⁵	n	SRM Number	Recovery
	mg/kg	mg/kg	%			%
Aluminum	10100	8800	87.1	193	-	-
Antimony	282	147	52.3	216	-	-
Arsenic	155	143	92.5	240	-	-
Barium	439	415	94.6	222	-	-
Beryllium	192	179	93.4	220	-	-
Boron	216	160	74.2	152	-	-
Cadmium	61.5	56.2	91.5	239	-	-
Calcium	5190	4960	95.6	175	-	-
Chromium	104	101	96.8	237	-	-
Cobalt	196	189	96.2	215	-	-
Copper	65.0	63.1	97.1	237	-	-
Iron	15000	15700	105	195	-	-
Lead	126	125	99.0	243	-	-
Magnesium	2570	2410	93.9	177	-	-
Manganese	387	382	98.7	215	-	-
Mercury	7.76	7.61	98.0	157	-	-
Molybdenum	120	107	89.4	216	-	-
Nickel	117	108	92.5	235	-	-
Potassium	2420	2110	87.2	181	-	-
Selenium	84.6	77.9	92.1	231	-	-

▪ Certificate of Analysis ▪

Parameter	Certified Value ¹	Proficiency Testing Study		n	NIST Traceability	
		Mean	Recovery ⁵		SRM Number	Recovery
	mg/kg	mg/kg	%			%
Silver	34.6	34.3	99.3	216	-	-
Sodium	161	145	89.8	166	-	-
Strontium	104	104	99.9	148	-	-
Thallium	123	113	91.8	215	-	-
Tin	118	107	90.4	164	-	-
Titanium	512	421	82.2	157	-	-
Uranium	103	104	101	61	-	-
Vanadium	87.3	83.7	95.9	214	-	-
Zinc	251	240	95.5	234	-	-

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2. The **Uncertainty** is the total propagated uncertainty at the 95% confidence interval. The uncertainty is based on the preparation and internal analytical verification of the product by ERA, multiplied by a coverage factor. The uncertainty applies to the product as supplied and does not take into account any required or optional dilution and/or preparations the laboratory may perform while using this product.

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5. The **PT Data/Traceability** data include the mean value, percent recovery and number of data points reported by the laboratories in our Proficiency Testing study compared to the Certified Values. In addition, where NIST Standard Reference Materials (SRMs) are available, each analyte has been analytically traced to the NIST SRM listed. This product is traceable to the lot numbers of its starting materials. All gravimetric and volumetric measurements related to its manufacture are traceable to NIST through an unbroken chain of comparisons.

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The traceability data shown were compiled by analyzing the ERA standards or their associated stock solutions against the applicable NIST SRMs.

6. For additional information on this product such as intended use, instructions for use, level of homogeneity, and safety information, please refer to the provided Instruction Sheet

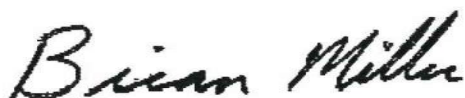
If you have any questions or need technical assistance, please call ERA technical assistance at 1-800-372-0122 or send an email to info@eraqc.com.

Certifying Officer

Brian Miller

Quality Officer

Matthew Seebeck





Calculation of 6010B Metals

Aqueous Samples

The instrument will calculate the concentration ($\mu\text{g/L}$). This value is divided by 1000 to convert the units to mg/L . If the sample is diluted (DF), the result is multiplied by the DF to generate the final result.

$$\text{Result, mg/L} = C_s \times (1\text{mg}/1000\mu\text{g}) \times (\text{DF})$$

Where:

C_s = Concentration of sample ($\mu\text{g/L}$)

DF = Dilution Factor

Soil or Solid Samples

Soil samples are calculated as follows:

$$\text{Result, mg/Kg} = \frac{C_s \times (1\text{mg}/1000\mu\text{g}) \times (\text{DF})}{A}$$

Where:

C_s = Concentration of sample ($\mu\text{g/L}$)

DF = Dilution Factor

$$A = \frac{\text{Sample weight (grams)}}{\text{Final Volume (mL)}}$$

Dry weight correction

Dry weight correction is calculated as follows:

$$\text{Final concentration in mg/Kg, dry weight} = \frac{\text{Result, mg/Kg}}{\%_{\text{solids}}}$$

Where:

$\%_{\text{solids}}$ = Percent Solids, as a decimal value

REVIEWED

By dmorisseau at 10:06 am, Jun 25, 2019

5	6/24/2019	8:15:17AM	Std 0	LC
6	6/24/2019	8:19:30AM	ICAL	LC
7	6/24/2019	8:23:37AM	25: Fe K Na Si	LC
8	6/24/2019	8:27:50AM	10: Ca Mg Si	LC
9	6/24/2019	8:32:05AM	ICV	LC
10	6/24/2019	8:36:24AM	ICB	LC
11	6/24/2019	8:50:09AM	ICV	LC
12	6/24/2019	8:54:22AM	ICB	LC
13	6/24/2019	8:58:38AM	0.005	LC
14	6/24/2019	9:03:20AM	0.01	LC
15	6/24/2019	9:07:33AM	0.05	LC
16	6/24/2019	9:11:42AM	ICSA	LC
17	6/24/2019	9:16:03AM	IPC	LC
18	6/24/2019	9:20:17AM	CCV	LC
19	6/24/2019	9:24:31AM	CCB	LC
20	6/24/2019	9:31:25AM	IPC	LC
21	6/24/2019	9:35:37AM	0.005	LC
22	6/24/2019	9:42:19AM	0.005	LC
23	6/24/2019	9:53:50AM	CCV	LC
24	6/24/2019	9:58:03AM	CCB	LC
25	6/24/2019	10:06:15AM	WG1251937-1,C	LC
26	6/24/2019	10:10:31AM	WG1251937-2,C	LC
27	6/24/2019	10:14:33AM	L1926386-01,C	LC
28	6/24/2019	10:18:47AM	WG1251937-3,C	LC
29	6/24/2019	10:22:58AM	WG1251937-4,C	LC
30	6/24/2019	10:27:12AM	WG1251937-5,C	LC
31	6/24/2019	10:31:15AM	L1926621-05,C	LC
32	6/24/2019	10:36:08AM	L1926621-06,C	LC
33	6/24/2019	10:40:19AM	WG1251937-6,C,5	LC
34	6/24/2019	10:44:32AM	WG1251105-1,T	LC
35	6/24/2019	10:48:48AM	CCV	LC
36	6/24/2019	10:53:01AM	CCB	LC
37	6/24/2019	11:02:14AM	CCV	LC
38	6/24/2019	11:06:27AM	CCB	LC
39	6/24/2019	11:10:43AM	WG1251936-1,C	LC
40	6/24/2019	11:14:57AM	WG1251105-2,T,2	LC
41	6/24/2019	11:19:06AM	L1925021-01,T,2	LC
42	6/24/2019	11:23:10AM	WG1251105-3,T,2	LC
43	6/24/2019	11:27:11AM	WG1251105-4,T,2	LC
44	6/24/2019	11:31:16AM	WG1251105-5,T,2	LC
45	6/24/2019	11:35:18AM	L1925761-01,T,2	LC
46	6/24/2019	11:39:26AM	L1925761-02,T,2	LC
47	6/24/2019	11:43:32AM	L1925761-03,T,2	LC
48	6/24/2019	11:47:36AM	WG1251105-6,T,10	LC
49	6/24/2019	11:51:46AM	CCV	LC
50	6/24/2019	11:55:58AM	CCB	LC
51	6/24/2019	12:07:11PM	CCV	LC
52	6/24/2019	12:11:23PM	CCB	LC
53	6/24/2019	12:15:39PM	WG1251936-2,C	LC
54	6/24/2019	12:19:40PM	L1926894-01,C	LC
55	6/24/2019	12:23:52PM	WG1251936-3,C	LC
56	6/24/2019	12:27:53PM	WG1251936-4,C	LC
57	6/24/2019	12:32:06PM	WG1251936-5,C	LC
58	6/24/2019	12:36:09PM	L1926894-02,C	LC
59	6/24/2019	12:40:21PM	WG1251936-6,C,5	LC
60	6/24/2019	12:44:34PM	L1925021-02,T,2	LC
61	6/24/2019	12:48:40PM	L1925021-03,T,2	LC
62	6/24/2019	12:52:50PM	L1925021-04,T,2	LC
63	6/24/2019	12:56:59PM	CCV	LC
64	6/24/2019	1:01:12PM	CCB	LC
65	6/24/2019	1:15:26PM	CCV	LC
66	6/24/2019	1:19:38PM	CCB	LC
67	6/24/2019	1:24:22PM	WG1251880-1,T	LC
68	6/24/2019	1:28:36PM	WG1251880-2,T	LC
69	6/24/2019	1:32:38PM	L1927103-01,T	LC
70	6/24/2019	1:36:52PM	L1927103-02,T	LC
71	6/24/2019	1:41:05PM	L1927103-03,T	LC
72	6/24/2019	1:45:37PM	CCV	LC
73	6/24/2019	1:49:50PM	CCB	LC
74	6/24/2019	2:03:16PM	Std 0	LC
75	6/24/2019	2:07:29PM	ICAL	LC
76	6/24/2019	2:11:36PM	25: Fe K Na Si	LC
77	6/24/2019	2:15:48PM	10: Ca Mg Si	LC
78	6/24/2019	2:20:04PM	ICV	LC
79	6/24/2019	2:24:34PM	ICB	LC
80	6/24/2019	2:30:19PM	ICV	LC
81	6/24/2019	2:34:32PM	ICB	LC

82	6/24/2019	2:38:47PM	WG1251880-1,T	LC
83	6/24/2019	2:43:21PM	WG1251880-2,T	LC
84	6/24/2019	2:47:33PM	L1927225-01,T	LC
85	6/24/2019	2:51:56PM	WG1251880-3,T	LC
86	6/24/2019	2:55:58PM	WG1251880-4,T	LC
87	6/24/2019	3:00:09PM	WG1251880-5,T	LC
88	6/24/2019	3:04:11PM	L1926817-01,T	LC
89	6/24/2019	3:08:23PM	WG1251880-6,T,5	LC
90	6/24/2019	3:12:34PM	L1925021-02,T,2	LC
91	6/24/2019	3:16:41PM	L1925021-03,T,2	LC
92	6/24/2019	3:20:51PM	CCV	LC
93	6/24/2019	3:25:04PM	CCB	LC
94	6/24/2019	3:29:20PM	L1925021-04,T,2	LC
95	6/24/2019	3:33:30PM	L1925021-05,T,2	LC
96	6/24/2019	3:37:39PM	L1925021-06,T,2	LC
97	6/24/2019	3:41:50PM	L1925021-07,T,2	LC
98	6/24/2019	3:45:58PM	L1925021-09,T,2	LC
99	6/24/2019	3:50:04PM	L1925021-10,T,2	LC
100	6/24/2019	3:54:11PM	L1925021-11,T,2	LC
101	6/24/2019	3:58:17PM	L1925021-12,T,2	LC
102	6/24/2019	4:02:25PM	L1925021-13,T,2	LC
103	6/24/2019	4:06:30PM	L1925021-14,T,2	LC
104	6/24/2019	4:10:38PM	CCV	LC
105	6/24/2019	4:14:51PM	CCB	LC
106	6/24/2019	4:19:07PM	L1925072-01,T,2	LC
107	6/24/2019	4:23:39PM	L1925072-02,T,2	LC
108	6/24/2019	4:27:52PM	L1925745-01,T,2	LC
109	6/24/2019	4:31:58PM	L1925745-02,T,2	LC
110	6/24/2019	4:47:45PM	L1925072-01,T,20	LC
111	6/24/2019	4:51:54PM	L1925072-02,T,20	LC
112	6/24/2019	4:57:07PM	CCV	LC
113	6/24/2019	5:01:21PM	CCB	LC
114	6/24/2019	5:05:36PM	WG1251675-1,S	LC
115	6/24/2019	5:09:51PM	WG1251643-1,S	LC
116	6/24/2019	5:14:06PM	WG1251675-2,S	LC
117	6/24/2019	5:18:08PM	WG1251675-3,S	LC
118	6/24/2019	5:22:09PM	L1925717-01,S	LC
119	6/24/2019	5:26:21PM	WG1251643-2,S	LC
120	6/24/2019	5:30:24PM	L1924827-06,S	LC
121	6/24/2019	5:34:46PM	WG1251643-3,S	LC
122	6/24/2019	5:38:57PM	L1924827-07,S	LC
123	6/24/2019	5:43:18PM	WG1251643-4,S	LC
124	6/24/2019	5:47:39PM	CCV	LC
125	6/24/2019	5:51:52PM	CCB	LC
126	6/24/2019	5:56:08PM	L1924787-01,S	LC
127	6/24/2019	6:00:20PM	L1924787-02,S	LC
128	6/24/2019	6:04:32PM	L1924827-01,S	LC
129	6/24/2019	6:08:43PM	L1924827-02,S	LC
130	6/24/2019	6:12:55PM	L1924827-03,S	LC
131	6/24/2019	6:17:20PM	L1924827-04,S	LC
132	6/24/2019	6:21:28PM	L1924827-05,S	LC
133	6/24/2019	6:35:13PM	CCV	LC
134	6/24/2019	6:39:27PM	CCB	LC
135	6/24/2019	6:48:41PM	CCV	LC
136	6/24/2019	6:52:53PM	CCB	LC
137	6/24/2019	6:57:10PM	WG1252360-1,T	LC
138	6/24/2019	7:01:26PM	WG1252121-1,T	LC
139	6/24/2019	7:05:42PM	WG1252121-2,T	LC
140	6/24/2019	7:09:45PM	WG1252360-2,T	LC
141	6/24/2019	7:13:54PM	L1924957-01,T	LC
142	6/24/2019	7:17:59PM	L1925097-01,T	LC
143	6/24/2019	7:22:19PM	WG1252121-3,T	LC
144	6/24/2019	7:26:30PM	WG1252121-4,T	LC
145	6/24/2019	7:30:51PM	WG1252121-5,T	LC
146	6/24/2019	7:35:02PM	WG1252121-6,T,5	LC
147	6/24/2019	7:39:14PM	CCV	LC
148	6/24/2019	7:43:27PM	CCB	LC
149	6/24/2019	7:47:42PM	WG1251669-1,T	LC
150	6/24/2019	7:51:57PM	WG1251669-2,T	LC
151	6/24/2019	7:56:06PM	WG1251669-3,T	LC
152	6/24/2019	8:00:16PM	L1925097-02,T	LC
153	6/24/2019	8:04:37PM	L1925193-01,T	LC
154	6/24/2019	8:08:50PM	L1923662-05,T	LC
155	6/24/2019	8:12:55PM	L1923662-06,T	LC
156	6/24/2019	8:17:05PM	L1923662-07,T	LC
157	6/24/2019	8:21:18PM	XL1926970-01,C	LC
158	6/24/2019	8:25:34PM	L1925841-01,T	LC
159	6/24/2019	8:29:40PM	CCV	LC
160	6/24/2019	8:33:52PM	CCB	LC
161	6/24/2019	8:38:08PM	L1925841-02,T	LC
162	6/24/2019	8:42:23PM	L1925475-01,T	LC
163	6/24/2019	8:46:36PM	L1925475-02,T	LC

164	6/24/2019	8:50:58PM	L1926327-01,T	LC
165	6/24/2019	8:55:20PM	L1926327-02,T	LC
166	6/24/2019	8:59:42PM	L1926596-01,T	LC
167	6/24/2019	9:04:05PM	L1926596-02,T	LC
168	6/24/2019	9:08:27PM	L1926596-03,T	LC
169	6/24/2019	9:12:50PM	L1926596-04,T	LC
170	6/24/2019	9:17:13PM	XL1926970-02,C	LC
171	6/24/2019	9:21:28PM	CCV	LC
172	6/24/2019	9:25:41PM	CCB	LC
173	6/24/2019	9:29:57PM	WG1251672-1,T	LC
174	6/24/2019	9:34:13PM	WG1251672-2,T	LC
175	6/24/2019	9:38:22PM	WG1251672-3,T	LC
176	6/24/2019	9:42:32PM	L1926596-05,T	LC
177	6/24/2019	9:46:54PM	L1926596-06,T	LC
178	6/24/2019	9:50:59PM	L1926596-07,T	LC
179	6/24/2019	9:55:21PM	L1926974-02,T	LC
180	6/24/2019	9:59:45PM	L1926974-04,T	LC
181	6/24/2019	10:04:09PM	L1925417-04,T	LC
182	6/24/2019	10:08:23PM	WG1251672-6,T,5	LC
183	6/24/2019	10:12:31PM	CCV	LC
184	6/24/2019	10:16:44PM	CCB	LC
185	6/24/2019	10:21:04PM	WG1251672-4,T	LC
186	6/24/2019	10:25:14PM	WG1251672-4,T	LC
187	6/24/2019	10:29:25PM	WG1251672-5,T	LC
188	6/24/2019	10:33:43PM	WG1251672-5,T	LC
189	6/24/2019	10:38:03PM	L1925417-05,T	LC
190	6/24/2019	10:42:08PM	L1925417-06,T	LC
191	6/24/2019	10:46:31PM	L1925417-07,T	LC
192	6/24/2019	10:50:59PM	L1925417-09,T	LC
193	6/24/2019	10:55:22PM	L1925417-10,T	LC
194	6/24/2019	10:59:29PM	XL1925410-01,C	LC
195	6/24/2019	11:03:45PM	CCV	LC
196	6/24/2019	11:07:59PM	CCB	LC
197	6/24/2019	11:12:15PM	WG1252240-1,T	LC
198	6/24/2019	11:16:31PM	WG1252240-2,T	LC
199	6/24/2019	11:20:33PM	WG1252240-3,T	LC
200	6/24/2019	11:24:36PM	L1925417-11,T	LC
201	6/24/2019	11:28:50PM	L1925417-13,T	LC
202	6/24/2019	11:33:13PM	L1925417-14,T	LC
203	6/24/2019	11:37:26PM	L1925417-15,T	LC
204	6/24/2019	11:41:41PM	L1925417-16,T	LC
205	6/24/2019	11:45:55PM	L1925130-01,T	LC
206	6/24/2019	11:50:35PM	XL192510-01,C	LC
207	6/24/2019	11:54:52PM	CCV	LC
208	6/24/2019	11:59:05PM	CCB	LC
209	6/25/2019	12:03:21AM	WG1252150-1,S	LC
210	6/25/2019	12:07:37AM	WG1252150-2,S	LC
211	6/25/2019	12:11:40AM	WG1252150-3,S	LC
212	6/25/2019	12:15:44AM	L1925140-23,S	LC
213	6/25/2019	12:19:58AM	WG1252150-4,S	LC
214	6/25/2019	12:24:00AM	WG1252150-4,S	LC
215	6/25/2019	12:28:03AM	WG1252150-5,S	LC
216	6/25/2019	12:32:06AM	WG1252150-5,S	LC
217	6/25/2019	12:36:10AM	WG1252150-6,S,5	LC
218	6/25/2019	12:40:25AM	XL192510-02,C	LC
219	6/25/2019	12:44:41AM	CCV	LC
220	6/25/2019	12:48:55AM	CCB	LC
221	6/25/2019	12:53:12AM	WG1251117-1,T	LC
222	6/25/2019	12:57:29AM	WG1251117-2,T	LC
223	6/25/2019	1:01:39AM	L1925140-22,S	LC
224	6/25/2019	1:05:52AM	L1925140-24,S	LC
225	6/25/2019	1:10:06AM	L1925140-25,S	LC
226	6/25/2019	1:14:19AM	L1925140-26,S	LC
227	6/25/2019	1:18:32AM	L1924618-21,T,2	LC
228	6/25/2019	1:23:18AM	WG1251117-3,T,2	LC
229	6/25/2019	1:28:13AM	XL1924610-01,C	LC
230	6/25/2019	1:32:31AM	XL1924610-02,C	LC
231	6/25/2019	1:36:48AM	CCV	LC
232	6/25/2019	1:41:00AM	CCB	LC
233	6/25/2019	1:45:18AM	WG1251117-4,T,2	LC
234	6/25/2019	1:50:08AM	WG1251117-5,T,2	LC
235	6/25/2019	1:54:54AM	WG1251117-6,T,10	LC
236	6/25/2019	1:59:19AM	L1924618-22,T,2	LC
237	6/25/2019	2:04:06AM	L1924618-23,T,2	LC
238	6/25/2019	2:09:02AM	L1924618-24,T,2	LC
239	6/25/2019	2:13:39AM	L1924618-25,T,2	LC
240	6/25/2019	2:18:27AM	L1924618-26,T,2	LC
241	6/25/2019	2:23:14AM	XL1924610-03,C	LC
242	6/25/2019	2:27:31AM	XL1924610-04,C	LC
243	6/25/2019	2:31:48AM	CCV	LC
244	6/25/2019	2:36:00AM	CCB	LC
245	6/25/2019	2:40:18AM	L1924618-27,T,2	LC

246	6/25/2019	2:45:22AM	L1924618-28,T,2	LC
247	6/25/2019	2:50:01AM	L1924618-29,T,2	LC
248	6/25/2019	2:54:47AM	L1924618-30,T,2	LC
249	6/25/2019	2:59:37AM	L1924618-31,T,2	LC
250	6/25/2019	3:04:25AM	L1924618-32,T,2	LC
251	6/25/2019	3:09:13AM	L1924618-33,T,2	LC
252	6/25/2019	3:14:00AM	L1924618-34,T,2	LC
253	6/25/2019	3:18:47AM	XL1924610-05,C	LC
254	6/25/2019	3:23:03AM	XL1924610-06,C	LC
255	6/25/2019	3:27:20AM	CCV	LC
256	6/25/2019	3:31:34AM	CCB	LC
257	6/25/2019	3:35:51AM	L1924618-35,T,2	LC
258	6/25/2019	3:40:38AM	L1924618-36,T,2	LC
259	6/25/2019	3:45:26AM	L1924618-37,T,2	LC
260	6/25/2019	3:50:04AM	L1924618-38,T,2	LC
261	6/25/2019	3:54:49AM	L1924618-39,T,2	LC
262	6/25/2019	3:59:37AM	L1924618-40,T,2	LC
263	6/25/2019	4:04:23AM	0.005	LC
264	6/25/2019	4:08:40AM	0.01	LC
265	6/25/2019	4:12:56AM	0.05	LC
266	6/25/2019	4:17:07AM	ICSA	LC
267	6/25/2019	4:21:28AM	IPC	LC
268	6/25/2019	4:25:42AM	CCV	LC
269	6/25/2019	4:29:55AM	CCB	LC



METALS ELN REPORT

Workgroup: WG1251999

Digestion

Prep Method	Acid Type 1	Acid 1 Lot	Acid Type 2	Acid 2 Lot	Spike Type	Lims Spike Lot	Spike Lot	Post Spike Spikelot	Spike Lot	Pipette Id
EPA 3015	HNO3	18417996	HCl	C795362	METALS	METSPIKE2	IPS,FPS,MIX	METSPIKE2	IPS,FPS,MIX	142,250

Additional Reagent/Std

Sample/ Type	Digestion Date	Analyst	Sample Vol ml	Spike Amt ml	Start Date/Time	Microwave Unit	Stop Date/Time	Final Vol	Tclp Extract Date	Comments
L1927257-01 SAMP	06/23/19 09:43	Alexandra Lebeau	5		06/23/19 09:43	2039	06/23/19 10:50	50	06/21/19 20:43	
L1927257-02 SAMP	06/23/19 09:43	Alexandra Lebeau	5		06/23/19 09:43	2039	06/23/19 10:50	50	06/21/19 20:43	
L1927257-03 SAMP	06/23/19 09:43	Alexandra Lebeau	5		06/23/19 09:43	2039	06/23/19 10:50	50	06/21/19 20:43	
L1927257-04 SAMP	06/23/19 09:43	Alexandra Lebeau	5		06/23/19 09:43	2039	06/23/19 10:50	50	06/21/19 20:43	
L1927257-05 SAMP	06/23/19 09:43	Alexandra Lebeau	5		06/23/19 09:43	2039	06/23/19 10:50	50	06/21/19 20:43	
L1927257-06 SAMP	06/23/19 09:43	Alexandra Lebeau	5		06/23/19 09:43	2039	06/23/19 10:50	50	06/21/19 20:43	
WG1251999-1 BLANK	06/23/19 09:43	Alexandra Lebeau	5		06/23/19 09:43	2039	06/23/19 10:50	50	06/21/19 06:28	IPS192516171 5AL;FPS19252 01113AL;MIX19 25201823CD
WG1251999-2 LCS	06/23/19 09:43	Alexandra Lebeau	5	0.5	06/23/19 09:43	2039	06/23/19 10:50	50	06/21/19 06:28	
WG1251999-3 MS	06/23/19 09:43	Alexandra Lebeau	5	0.5	06/23/19 09:43	2039	06/23/19 10:50	50	06/21/19 20:43	
WG1251999-4 DUP	06/23/19 09:43	Alexandra Lebeau	5		06/23/19 09:43	2039	06/23/19 10:50	50	06/21/19 20:43	
WG1251999-5 PS	06/23/19 09:43	Alexandra Lebeau	5		06/23/19 09:43	2039	06/23/19 10:50	50	06/21/19 20:43	
WG1251999-6 SERDIL	06/23/19 09:43	Alexandra Lebeau	5		06/23/19 09:43	2039	06/23/19 10:50	50	06/21/19 20:43	

METALS ELN REPORT

Workgroup: WG1251999

Reagent	Actual Volume	Units
Nitric Acid (HNO ₃)	2.5	ml
Hydrochloric Acid (HCl)	2	ml

Facility: Westborough, MA
Department: Organic Extractions
Title: TCLP Extraction Logbook: Metals Only (Plastic Vessels Only)

Balance ID: 28 WG#: 1251277
TCLP Fluid Lot #: EITCLP06619A 1:1 HNO₃ Lot#: HV03050619
Prep Date: 6-16-19 pH on Date Used: 4.95 Temp(°C) Max: 24.9 Min: 22.9 Unit ID#: 266
TCLP Fluid ID (circle one) #1 #2 DI
Acceptable Temp Range: 21°-25°C

Sample Number (Plastic Tumble Vessels only)	Amt. (g)	Fluid Vol. (mL)	Tumbler I.D.	Date On	Time On	Temp. C° On	Initials	Date Off	Time Off	Temp. C° Off	Initials	pH	1:1 HNO ₃ (preserved)	Filter Initials	Comments
Blank - L1915350-89	—	2000	15	6/21/19	06:28	24.5	TN	6/21/19	22:28	24.1	TN	4.99	2.5mL	TN	
L1926712-01	100	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	5.48	↓	↓	
-02	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	4.99	↓	↓	
-03	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	5.02	↓	↓	
L1926739-03	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	5.53	↓	↓	
L1926971-02	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	5.50	↓	↓	
L1927257-01	91.7	1834	5	6/21/19	20:43	22.1	FK	6/22/19	12:43	22.1	PK	6.42	2.5mL	PK	Unit 214
-02	100	2000	↓	↓	↓	↓	↓	↓	↓	↓	↓	5.82	↓	↓	
-03	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	6.09	↓	↓	
-04	92.4	1848	↓	↓	↓	↓	↓	↓	↓	↓	↓	5.17	↓	↓	
-05	100	2000	↓	↓	↓	↓	↓	↓	↓	↓	↓	6.24	↓	↓	
-06	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	5.32	↓	↓	limited Vol.
L1927105-01	39.6	792	↓	↓	↓	↓	↓	↓	↓	↓	↓	5.88	↓	↓	
L1927241-04	100	2000	13	6/22/19	15:55	22.8	FK								

Batch Expires: _____

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Initials: _____

Date: _____

Sample Number	Date	Time	Initials	Amount (g)	DI Vol. (mL)	pH (i)	1N HCL Vol (mL)	1N HCL Lot #	pH (f)	Fluid Number	Comments
L1927257-01	6/21/19	18:37	FK/EA	5.0	96.5	7.5	3.5mL	HCL060319	2.5	1	
-02											
-03											
-04											
-05											
-06											
L1927105-01											
6/21/19											
FK/EA											

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Initials: _____

Date: _____