Report of Trace Metals Analyses Biota

Project: Great Salt Lake Water Quality Sampling Plan
Samples Collected: June 1 – July 24, 2012
Report Date: October 9, 2012

Prepared for:
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Report of Trace Metals Analyses Water, Sediment

Project: Great Salt Lake Water Quality Sampling Plan
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Case Narrative

Shipping and Receiving

On August 17, 2012, Brooks Rand Labs (BRL) received twelve (12) waters and two (2) sediment samples at 08:45 A.M. in one (1) cooler with ice all at the temperature of 2.0 °C. The chain-of-custody (COC) forms requested analysis for mercury (Hg) and selenium (Se) of the water samples, and total Se and percent total solids (%TS) for the sediment samples. The samples were received and stored securely according to BRL standard operating procedures (SOP) and EPA methodology.

Preservation and Holding Time

All method and SOP requirements for preservation and holding time were satisfied.

Total Mercury in Water by EPA Method 1631 (SOP BR-0006)

All samples are prepared and analyzed in accordance with EPA Method 1631. Samples are oxidized with bromine monochloride (BrCl) and then analyzed with stannous chloride (SnCl2) reduction, single gold amalgamation, and cold vapor atomic fluorescence spectroscopy (CVAFS) detection using a BRL Model III CVAFS Mercury Analyzer.

The results were method blank-corrected as described in the calculations section of the relevant BRL SOP(s) and may have been evaluated using reporting limits that have been adjusted to account for sample aliquot size. Please refer to the *Sample Results* page for sample-specific MDLs, MRLs, and other details.

Sequence 1200682

The result of continuing calibration blank CCB2 was elevated and the CCB/purge vessel (#3) combination were re-analyzed as CCB5 and CCB6. Contamination was suspected to be attributed to the analysis of high level sample 1234035-12 (not related to this work order). CCB6 yielded a result of 11.8 pg of Hg and purge vessel #3 was put back into service. Two samples using purge vessel #3 were analyzed prior to CCB6; one of which was sample *AIC-Hg-201* (1233038-09). This sample was re-analyzed and the re-analysis was reported.

The sample identified as ICB1 is an extraction blank unrelated to this work order.

Instrument calibration, meeting all quality control criteria, was successfully achieved on the day of sample analysis.

Batch B121582

The initial analysis of sample *OGBA2-FBHg* (1233038-01) produced an abnormal peak shape. The sample was re-analyzed, produced a typical peak shape, and the re-analysis was reported. Furthermore the sample result was greater than the MDL but less than the Method Defined Control limit of 0.5 ng/L. Contamination was considered insignificant from this field blank.

All data was reported without additional qualification, aside from concentration qualifiers, and all other associated quality control sample results met the acceptance criteria.

ICP-MS Analysis by EPA Draft Method 1640, Mod. (BRL SOP BR-0066)

Samples are preserved to 0.2% (v/v) with pre-tested concentrated HNO3 and then prepared by reductive precipitation (RP) according to EPA Method 1640. The procedure concentrates the samples by a factor of four and is a useful method for achieving a low level of detection for brackish waters and seawaters.

This method involves a reductive precipitation of all metals by sodium borohydride (NaBH4) followed by a filtration of the precipitate through a pre-cleaned 0.2-µm filter. The majority of the saltwater matrix remains in the filtrate. The metals on the filter are then digested and oxidized with nitric acid (HNO3) and hydrogen peroxide (H2O2).

Aliquots of prepared sample were analyzed with a Perkin Elmer ELAN with internal standardization. Briefly, this method incorporates ionization of the sample in inductively coupled RF plasma, with detection of the resulting ions by mass spectrometer on the basis of their mass-to-charge ratio.

Sequence 1200711

Instrument calibration blank ICB3 was elevated at a level greater than the low calibration standard. The cause was likely carryover from the high calibration standard analyzed immediately prior to ICB3. There was no other evidence of high blank and the analysis of ICB3 did not bracket the analysis of client samples.

Instrument calibration, meeting all quality control criteria, was successfully achieved on the day of sample analysis.

Batch B121544

Quality control samples –MS3 was a seawater sample collected in Puget Sound and spiked with an analyte of a known concentration. All quality assurance criteria were satisfied.

ICP-MS Analysis by EPA Draft Method 1638, Mod. (BRL SOP BR-0060)

Sediment samples are digested with a closed-vessel reverse aqua regia (RAR) oven bomb digestion for total recoverable metals. Prepared samples are analyzed by inductively coupled plasma – mass spectrometry (ICP-MS) according to a modification of EPA Draft Method 1638. Briefly, this method incorporates ionization of the sample in an inductively coupled RF plasma, with detection of the resulting ions by mass spectrometer on the basis of their mass-to-charge ratio. Digestates are diluted with reagent water 50x prior to analysis, depending upon the element and concentration ranges to be determined. Samples are analyzed on a Perkin Elmer DRC II (in standard mode), and internal standardization in standard mode is accomplished using 6Li, Sc, Ge, In, Tm. Sample results were reported on a dry-weight basis.

Sequence 1200726

The results of instrument calibration blanks ICB2 and ICB3 were greater than the low calibration standard. The cause was likely carryover from the high calibration standard and the independent calibration verification standard (ICV1); both of which were analyzed prior to ICB2 and ICB3. No client samples were bracketed by either ICB and no further action was necessary.

The analyses of CCBE through CCBH were slightly elevated; however the results at the instrument were less than 10x the sample results. No further action was necessary.

Instrument calibration, meeting all quality control criteria, was successfully achieved on the day of sample analysis.

Batch B121713

All data was reported without qualification, aside from concentration qualifiers, and all associated quality control sample results met the acceptance criteria.

Percent Total Solids in Solids by SM 2540G (SOP BR-1501)

A solid sample is homogenized and an aliquot is measured into a pre-weighed vessel, dried in an oven overnight, weighed again, and the percent of dried solid material is calculated.

The results may have been evaluated using reporting limits that have been adjusted to account for sample aliquot size. Please refer to the Sample Results page for sample-specific MDLs, MRLs, and other details.

Batch B121638

All data was reported without qualification and all associated quality control sample results met the acceptance criteria.

We certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. BRL, an accredited laboratory, certifies that the reported results of all analyses for which BRL is NELAP accredited meet all NELAP requirements. For more details, please see the *Report Information* page in your report. Please feel free to contact us if you have any questions regarding this report.

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Report Information

Laboratory Accreditation

BRL is accredited by the *National Environmental Laboratory Accreditation Program* (NELAP) through the State of Florida Department of Health, Bureau of Laboratories (E87982) and is certified to perform many environmental analyses. BRL is also certified by many other states to perform environmental analyses. For a current list of our accreditations /certifications, please visit our website at <http://www.brooksrand.com/default.asp?contentID=586>. Results reported relate only to the samples listed in the report.

Field Quality Control Samples

Please be notified that certain EPA methods require the collection of field quality control samples of an appropriate type and frequency; failure to do so is considered a deviation from some methods and for compliance purposes should only be done with the approval of regulatory authorities. Please see the specific EPA methods for details regarding required field quality control samples.

Common Abbreviations

BLK	method blank	**MS**	matrix spike
BRL	Brooks Rand Labs	**MSD**	matrix spike duplicate
BS	laboratory fortified blank	**ND**	non-detect
CAL	calibration standard	**NR**	non-reportable
CCV	continuing calibration verification	**PS**	post preparation spike
COC	chain of custody record	**REC**	percent recovery
CRM	certified reference material	**RPD**	relative percent difference
D	dissolved fraction	**RSD**	relative standard deviation
DUP	duplicate	**SCV**	secondary calibration verification
ICV	initial calibration verification	**SOP**	standard operating procedure
MDL	method detection limit	**SRM**	standard reference material
MRL	method reporting limit	**T**	total recoverable fraction

Definition of Data Qualifiers

(Effective 9/23/09)

B Detected by the instrument, the result is > the MDL but ≤ the MRL. Result is reported and considered an estimate.
E An estimated value due to the presence of interferences. A full explanation is presented in the narrative.
H Holding time and/or preservation requirements not met. Result is estimated.
J Estimated value. A full explanation is presented in the narrative.
J-M Duplicate precision (RPD) for associated QC sample was not within acceptance criteria. Result is estimated.
J-N Spike recovery for associated QC sample was not within acceptance criteria. Result is estimated.
M Duplicate precision (RPD) was not within acceptance criteria. Result is estimated.
N Spike recovery was not within acceptance criteria. Result is estimated.
R Rejected, unusable value. A full explanation is presented in the narrative.
U Result is ≤ the MDL or client requested reporting limit (CRRL). Result reported as the MDL or CRRL.
X Result is not BLK-corrected and is within 10x the absolute value of the highest detectable BLK in the batch. Result is estimated.

These qualifiers are based on those previously utilized by Brooks Rand Labs, those found in the EPA SOW ILM03.0, Exhibit B, Section III, pg. B-18, and the USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review; USEPA; January 2010. These supersede all previous qualifiers ever employed by BRL.

Sample Information

Sample	Lab ID	Report Matrix	Type	Sampled	Received
OGBA2-FBHg	1233038-01	DIW	Field Blank	08/16/2012	08/17/2012
OGBA2-Hg 01	1233038-02	Water	Sample	08/16/2012	08/17/2012
OGBA2-Hg 02	1233038-03	Water	Field Duplicate	08/16/2012	08/17/2012
OGBA2-FBSe	1233038-04	DIW	Field Blank	08/16/2012	08/17/2012
OGBA2-Se01	1233038-05	Water	Sample	08/16/2012	08/17/2012
OGBA2-Se02	1233038-06	Water	Field Duplicate	08/16/2012	08/17/2012
AIC-FB-Se2	1233038-07	DIW	Field Blank	08/14/2012	08/17/2012
AIC-FB-Hg2	1233038-08	DIW	Field Blank	08/14/2012	08/17/2012
AIC-Hg-201	1233038-09	Water	Sample	08/14/2012	08/17/2012
AIC-Hg-202	1233038-10	Water	Field Duplicate	08/14/2012	08/17/2012
AIC-Se-201	1233038-11	Water	Sample	08/14/2012	08/17/2012
AIC-Se-202	1233038-12	Water	QC Sample	08/14/2012	08/17/2012
OGBA2-Sed	1233038-13	Soil/Sediment	Sample	08/16/2012	08/17/2012
AIC-Sed-2	1233038-14	Soil/Sediment	Sample	08/14/2012	08/17/2012

Batch Summary

Analyte	Lab Matrix	Method	Prepared	Analyzed	Batch	Sequence
%TS	Soil/Sediment	SM 2540G	09/07/2012	09/10/2012	B121638	N/A
Se	Soil/Sediment	EPA 1638 DRC	08/30/2012	09/19/2012	B121713	1200726
Hg	Water	EPA 1631	09/03/2012	09/04/2012	B121582	1200682
Se	Water	EPA 1640 RP	08/27/2012	09/14/2012	B121544	1200711

Sample Results

Sample	Analyte	Report Matrix	Basis	Result	Qualifier	MDL	MRL	Unit	Batch	Sequence
AIC-FB-Hg2										
1233038-08	Hg	DIW	T	0.15	U	0.15	0.40	ng/L	B121582	1200682
AIC-FB-Se2										
1233038-07	Se	DIW	T	0.349	U	0.349	1.05	µg/L	B121544	1200711
AIC-Hg-201										
1233038-09	Hg	Water	T	61.1		1.58	4.21	ng/L	B121582	1200682
AIC-Hg-202										
1233038-10	Hg	Water	T	49.8		1.58	4.21	ng/L	B121582	1200682
AIC-Se-201										
1233038-11	Se	Water	T	0.699	B	0.347	1.04	µg/L	B121544	1200711
AIC-Se-202										
1233038-12	Se	Water	T	0.640	B	0.350	1.05	µg/L	B121544	1200711
AIC-Sed-2										
1233038-14	%TS	Soil/Sediment	NA	53.02		0.06	0.20	%	B121638	N/A
1233038-14	Se	Soil/Sediment	dry	0.90	B	0.29	1.78	mg/kg	B121713	1200726
OGBA2-FBHg										
1233038-01	Hg	DIW	T	0.24	B	0.15	0.41	ng/L	B121582	1200682
OGBA2-FBSe										
1233038-04	Se	DIW	T	0.344	U	0.344	1.03	µg/L	B121544	1200711
OGBA2-Hg 01										
1233038-02	Hg	Water	T	36.3		1.53	4.08	ng/L	B121582	1200682
OGBA2-Hg 02										
1233038-03	Hg	Water	T	39.5		1.53	4.08	ng/L	B121582	1200682

Sample Results

Sample	Analyte	Report Matrix	Basis	Result	Qualifier	MDL	MRL	Unit	Batch	Sequence
OGBA2-Se01										
1233038-05	Se	Water	T	0.349	U	0.349	1.05	µg/L	B121544	1200711
OGBA2-Se02										
1233038-06	Se	Water	T	0.349	U	0.349	1.05	µg/L	B121544	1200711
OGBA2-Sed										
1233038-13	%TS	Soil/Sediment	NA	66.76		0.06	0.20	%	B121638	N/A
1233038-13	Se	Soil/Sediment	dry	0.83	B	0.23	1.41	mg/kg	B121713	1200726

Accuracy & Precision Summary

Batch: B121544
Lab Matrix: Water
Method: EPA 1640 RP

Sample	Analyte	Native	Spike	Result	Units	REC & Limits		RPD & Limits	
B121544-BS1	**Laboratory Fortified Blank (1235007)**								
	Se		0.4975	0.450	µg/L	90%	70-130		
B121544-MS3	**Matrix Spike (0944029-92)**								
	Se	0.091	0.4975	0.627	µg/L	108%	70-130		
B121544-DUP2	**Duplicate (1233038-12)**								
	Se	0.640		0.553	µg/L			15%	30
B121544-MS2	**Matrix Spike (1233038-12)**								
	Se	0.640	2.475	2.430	µg/L	72%	70-130		
B121544-MSD2	**Matrix Spike Duplicate (1233038-12)**								
	Se	0.640	2.494	2.569	µg/L	77%	70-130	6%	30

Accuracy & Precision Summary

Batch: B121582
Lab Matrix: Water
Method: EPA 1631

Sample	Analyte	Native	Spike	Result	Units	REC & Limits		RPD & Limits	
B121582-SRM1	**Certified Reference Material (1232065, NIST 1641d 1000x dilution)**								
	Hg		15.68	14.67	ng/L	94%	85-115		
B121582-MS1	**Matrix Spike (1235006-03)**								
	Hg	11.35	56.09	68.69	ng/L	102%	71-125		
B121582-MSD1	**Matrix Spike Duplicate (1235006-03)**								
	Hg	11.35	54.54	63.85	ng/L	96%	71-125	7%	24

Accuracy & Precision Summary

Batch: B121638
Lab Matrix: Soil/Sediment
Method: SM 2540G

Sample	Analyte	Native	Spike	Result	Units	REC & Limits	RPD & Limits
B121638-DUP1	**Duplicate (1233038-13)**						
	%TS	66.76		61.08	%		9% 15

Accuracy & Precision Summary

Batch: B121713
Lab Matrix: Soil/Sediment
Method: EPA 1638 DRC

Sample	Analyte	Native	Spike	Result	Units	REC & Limits		RPD & Limits	
B121713-BS1	**Laboratory Fortified Blank (1235021)**								
	Se		10.00	9.35	mg/kg	93%	75-125		
B121713-SRM1	**Certified Reference Material (0919050, NIST 2709a)**								
	Se		1.500	1.87	mg/kg	125%	N/A		
B121713-SRM2	**Certified Reference Material (0919053, NIST 2710a)**								
	Se		1.000	0.96	mg/kg	96%	75-125		
B121713-DUP3	**Duplicate (1233038-14)**								
	Se	0.90		1.06	mg/kg dry			16%	30
B121713-MS3	**Matrix Spike (1233038-14)**								
	Se	0.90	17.86	16.52	mg/kg dry	87%	70-130		
B121713-MSD3	**Matrix Spike Duplicate (1233038-14)**								
	Se	0.90	19.09	18.41	mg/kg dry	92%	70-130	11%	30

Method Blanks & Reporting Limits

Batch: B121544
Matrix: Water
Method: EPA 1640 RP
Analyte: Se 82

Sample	Result	Units
B121544-BLK1	0.010	µg/L
B121544-BLK2	0.014	µg/L
B121544-BLK3	-0.013	µg/L
B121544-BLK4	0.012	µg/L

Average: 0.006 **Standard Deviation:** 0.013 **MDL:** 0.070
Limit: 0.210 **Limit:** 0.070 **MRL:** 0.210

Method Blanks & Reporting Limits

Batch: B121582
Matrix: Water
Method: EPA 1631
Analyte: Hg

Sample	Result	Units
B121582-BLK1	0.12	ng/L
B121582-BLK2	0.11	ng/L
B121582-BLK3	0.10	ng/L
B121582-BLK4	0.08	ng/L

Average: 0.10 **Standard Deviation:** 0.02 **MDL:** 0.15
Limit: 0.50 **Limit:** 0.10 **MRL:** 0.41

Method Blanks & Reporting Limits

Batch: B121638
Matrix: Soil/Sediment
Method: SM 2540G
Analyte: %TS

Sample	Result	Units
B121638-BLK1	0.00	%
B121638-BLK2	0.00	%

Average: 0.00
Limit: 0.20

MDL: 0.06
MRL: 0.20

Method Blanks & Reporting Limits

Batch: B121713
Matrix: Soil/Sediment
Method: EPA 1638 DRC
Analyte: Se 78

Sample	Result	Units
B121713-BLK1	-0.06	mg/kg
B121713-BLK2	-0.13	mg/kg
B121713-BLK3	-0.12	mg/kg
B121713-BLK4	-0.08	mg/kg

Average: -0.10 **Standard Deviation:** 0.03 **MDL:** 0.16
Limit: 1.00 **Limit:** 0.16 **MRL:** 1.00

Instrument Calibration

Sequence: 1200682
Instrument: THG-05
Date: 09/04/2012
Analyte: Hg

Total Mercury and Mercury Speciation by CVAFS
Method: EPA 1631

Lab ID	True Value	Result	Units	REC & Limits	
1200682-IBL1		6.02	pg of Hg		
1200682-IBL2		4.41	pg of Hg		
1200682-IBL3		4.90	pg of Hg		
1200682-IBL4		5.70	pg of Hg		
1200682-CAL1	25.00	24.92	pg of Hg	100%	
1200682-CAL2	100.0	101.4	pg of Hg	101%	
1200682-CAL3	500.0	468.1	pg of Hg	94%	
1200682-CAL4	2500	2674	pg of Hg	107%	
1200682-CAL5	10000	9923	pg of Hg	99%	
1200682-ICV1	1568	1467	pg of Hg	94%	85-115
1200682-CCV1	500.0	419.2	pg of Hg	84%	77-123
1200682-CCB1		13.2	pg of Hg		
1200682-ICB1		30.36	pg of Hg		
1200682-CCB2		37.6	pg of Hg		
1200682-CCB3		20.1	pg of Hg		
1200682-CCB4		18.4	pg of Hg		
1200682-CCB5		29.3	pg of Hg		
1200682-CCB6		11.8	pg of Hg		
1200682-CCV2	500.0	544.2	pg of Hg	109%	77-123
1200682-CCV3	500.0	504.0	pg of Hg	101%	77-123
1200682-CCV4	500.0	475.0	pg of Hg	95%	77-123

Instrument Calibration

Sequence: 1200711
Instrument: ICP-MS-2
Date: 09/14/2012
Analyte: Se 82

Trace Metals by ICP-MS
Method: EPA 1640 RP

Lab ID	True Value	Result	Units	REC & Limits	
1200711-ICB1		0.000	µg/L		
1200711-CAL1	0.2000	0.192	µg/L	96%	
1200711-CAL2	0.4000	0.433	µg/L	108%	
1200711-CAL3	2.000	2.003	µg/L	100%	
1200711-CAL4	10.00	9.853	µg/L	99%	
1200711-CAL5	20.00	20.57	µg/L	103%	
1200711-CAL6	40.00	40.88	µg/L	102%	
1200711-CAL7	100.0	97.89	µg/L	98%	
1200711-CAL8	200.0	188.6	µg/L	94%	
1200711-ICB2		0.391	µg/L		
1200711-ICV1	10.00	10.23	µg/L	102%	85-115
1200711-ICB3		0.087	µg/L		
1200711-IBL1		0.058	µg/L		
1200711-IBL2		-0.031	µg/L		
1200711-IBL3		0.043	µg/L		
1200711-IBL4		-0.006	µg/L		
1200711-CCV1	10.00	10.32	µg/L	103%	75-125
1200711-CCB1		0.128	µg/L		
1200711-CCV2	10.00	9.080	µg/L	91%	75-125
1200711-CCB2		0.041	µg/L		
1200711-CCV3	10.00	10.19	µg/L	102%	75-125
1200711-CCB3		0.050	µg/L		
1200711-CCV4	10.00	10.76	µg/L	108%	75-125
1200711-CCB4		0.058	µg/L		
1200711-CCV5	10.00	10.24	µg/L	102%	75-125
1200711-CCB5		0.020	µg/L		
1200711-CCV6	10.00	10.14	µg/L	101%	75-125
1200711-CCB6		0.076	µg/L		
1200711-CCV7	20.00	20.64	µg/L	103%	75-125
1200711-CCB7		0.082	µg/L		
1200711-CCV8	20.00	20.00	µg/L	100%	75-125
1200711-CCB8		0.053	µg/L		
1200711-CCV9	20.00	20.42	µg/L	102%	75-125
1200711-CCB9		0.067	µg/L		
1200711-CCVA	20.00	20.55	µg/L	103%	75-125
1200711-CCBA		0.115	µg/L		
1200711-CCVB	20.00	20.35	µg/L	102%	75-125
1200711-CCBB		0.063	µg/L		
1200711-CCVC	20.00	18.93	µg/L	95%	75-125
1200711-CCBC		0.048	µg/L		
1200711-CCVD	20.00	20.02	µg/L	100%	75-125

Instrument Calibration

Sequence: 1200711
Instrument: ICP-MS-2
Date: 09/14/2012
Analyte: Se 82

Trace Metals by ICP-MS
Method: EPA 1640 RP

Lab ID	True Value	Result	Units	REC & Limits	
1200711-CCBD		0.108	µg/L		
1200711-CCVE	20.00	20.44	µg/L	102%	75-125
1200711-CCBE		0.090	µg/L		
1200711-CCVF	40.00	41.07	µg/L	103%	75-125
1200711-CCBF		0.133	µg/L		
1200711-CCVG	40.00	39.91	µg/L	100%	75-125
1200711-CCBG		0.113	µg/L		
1200711-CCVH	40.00	38.47	µg/L	96%	75-125
1200711-CCBH		0.151	µg/L		
1200711-CCVI	40.00	37.24	µg/L	93%	75-125
1200711-CCBI		0.081	µg/L		
1200711-CCVJ	40.00	38.49	µg/L	96%	75-125
1200711-CCBJ		0.118	µg/L		
1200711-CCVK	40.00	38.83	µg/L	97%	75-125
1200711-CCBK		0.158	µg/L		

Instrument Calibration

Sequence: 1200726
Instrument: ICP-MS-2
Date: 09/19/2012
Analyte: Se 78

Trace Metals by ICP-DRC-MS
Method: EPA 1638 DRC

Lab ID	True Value	Result	Units	REC & Limits	
1200726-ICB1		0.00	µg/L		
1200726-CAL1	0.05000	0.05	µg/L	92%	
1200726-CAL2	0.1000	0.11	µg/L	115%	
1200726-CAL3	0.2500	0.26	µg/L	104%	
1200726-CAL4	1.000	0.92	µg/L	92%	
1200726-CAL5	5.000	4.80	µg/L	96%	
1200726-CAL6	25.00	25.20	µg/L	101%	
1200726-CAL7	125.0	123.1	µg/L	98%	
1200726-CAL8	500.0	506.0	µg/L	101%	
1200726-ICB2		1.09	µg/L		
1200726-ICV1	10.00	10.88	µg/L	109%	85-115
1200726-ICB3		0.16	µg/L		
1200726-IBL1		0.05	µg/L		
1200726-IBL2		0.05	µg/L		
1200726-IBL3		0.02	µg/L		
1200726-IBL4		0.04	µg/L		
1200726-SCV1	11.97	12.54	µg/L	105%	75-125
1200726-CCV1	1.000	0.95	µg/L	95%	75-125
1200726-CCB1		0.03	µg/L		
1200726-CCV2	1.000	0.99	µg/L	99%	75-125
1200726-CCB2		-0.006	µg/L		
1200726-CCV3	1.000	0.89	µg/L	89%	75-125
1200726-CCB3		-0.01	µg/L		
1200726-CCV4	1.000	0.91	µg/L	91%	75-125
1200726-CCB4		-0.01	µg/L		
1200726-CCV5	1.000	0.94	µg/L	94%	75-125
1200726-CCB5		0.05	µg/L		
1200726-CCV6	1.000	0.81	µg/L	81%	75-125
1200726-CCB6		-0.02	µg/L		
1200726-CCV7	5.000	4.20	µg/L	84%	75-125
1200726-CCB7		0.01	µg/L		
1200726-CCV8	1.000	0.90	µg/L	90%	75-125
1200726-CCB8		0.02	µg/L		
1200726-CCV9	1.000	0.86	µg/L	86%	75-125
1200726-CCB9		-0.03	µg/L		
1200726-CCVA	5.000	4.17	µg/L	83%	75-125
1200726-CCBA		0.001	µg/L		
1200726-CCVB	25.00	22.39	µg/L	90%	75-125
1200726-CCBB		0.06	µg/L		
1200726-CCVC	5.000	4.24	µg/L	85%	75-125
1200726-CCBC		-0.01	µg/L		

Instrument Calibration

Sequence: 1200726
Instrument: ICP-MS-2
Date: 09/19/2012
Analyte: Se 78

Trace Metals by ICP-DRC-MS
Method: EPA 1638 DRC

Lab ID	True Value	Result	Units	REC & Limits	
1200726-CCVD	25.00	21.52	µg/L	86%	75-125
1200726-CCBD		0.05	µg/L		
1200726-CCVE	25.00	21.26	µg/L	85%	75-125
1200726-CCBE		0.07	µg/L		
1200726-CCVF	25.00	21.66	µg/L	87%	75-125
1200726-CCBF		0.08	µg/L		
1200726-CCVG	25.00	21.27	µg/L	85%	75-125
1200726-CCBG		0.06	µg/L		
1200726-CCVH	25.00	21.34	µg/L	85%	75-125
1200726-CCBH		0.07	µg/L		

Sample Containers

Lab ID: 1233038-01
Sample: OGBA2-FBHg
Report Matrix: DIW
Sample Type: Field Blank
Collected: 08/16/2012
Received: 08/17/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Bottle FLPE Hg-T	500 mL	71666330 10	none	n/a		Cardboard Box w/ Styro Cooler

Lab ID: 1233038-02
Sample: OGBA2-Hg 01
Report Matrix: Water
Sample Type: Sample
Collected: 08/16/2012
Received: 08/17/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Bottle FLPE Hg-T	500 mL	71666330 10	none	n/a		Cardboard Box w/ Styro Cooler

Lab ID: 1233038-03
Sample: OGBA2-Hg 02
Report Matrix: Water
Sample Type: Field Duplicate
Collected: 08/16/2012
Received: 08/17/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Bottle FLPE Hg-T	500 mL	71666330 10	none	n/a		Cardboard Box w/ Styro Cooler

Lab ID: 1233038-04
Sample: OGBA2-FBSe
Report Matrix: DIW
Sample Type: Field Blank
Collected: 08/16/2012
Received: 08/17/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Bottle HDPE ICP-RP	1 L	1068522	0.2% HNO3 (BRL)	1229024	<2	Cardboard Box w/ Styro Cooler

Lab ID: 1233038-05
Sample: OGBA2-Se01
Report Matrix: Water
Sample Type: Sample
Collected: 08/16/2012
Received: 08/17/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Bottle HDPE ICP-RP	1 L	1068522	0.2% HNO3 (BRL)	1229024	<2	Cardboard Box w/ Styro Cooler

Sample Containers

Lab ID: 1233038-06
Sample: OGBA2-Se02
Report Matrix: Water
Sample Type: Field Duplicate
Collected: 08/16/2012
Received: 08/17/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Bottle HDPE ICP-RP	1 L	1068522	0.2% HNO3 (BRL)	1229024	<2	Cardboard Box w/ Styro Cooler

Lab ID: 1233038-07
Sample: AIC-FB-Se2
Report Matrix: DIW
Sample Type: Field Blank
Collected: 08/14/2012
Received: 08/17/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Bottle HDPE ICP-RP	1 L	1068522	0.2% HNO3 (BRL)	1229024	<2	Cardboard Box w/ Styro Cooler

Lab ID: 1233038-08
Sample: AIC-FB-Hg2
Report Matrix: DIW
Sample Type: Field Blank
Collected: 08/14/2012
Received: 08/17/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Bottle FLPE Hg-T	500 mL	71666330 10	none	n/a		Cardboard Box w/ Styro Cooler

Lab ID: 1233038-09
Sample: AIC-Hg-201
Report Matrix: Water
Sample Type: Sample
Collected: 08/14/2012
Received: 08/17/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Bottle FLPE Hg-T	500 mL	71666330 10	none	n/a		Cardboard Box w/ Styro Cooler

Lab ID: 1233038-10
Sample: AIC-Hg-202
Report Matrix: Water
Sample Type: Field Duplicate
Collected: 08/14/2012
Received: 08/17/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Bottle FLPE Hg-T	500 mL	71666330 10	none	n/a		Cardboard Box w/ Styro Cooler

Sample Containers

Lab ID: 1233038-11
Sample: AIC-Se-201
Report Matrix: Water
Sample Type: Sample
Collected: 08/14/2012
Received: 08/17/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Bottle HDPE ICP-RP	1 L	1068522	0.2% HNO3 (BRL)	1229024	<2	Cardboard Box w/ Styro Cooler

Lab ID: 1233038-12
Sample: AIC-Se-202
Report Matrix: Water
Sample Type: QC Sample
Collected: 08/14/2012
Received: 08/17/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Bottle HDPE ICP-RP	2 L	1042643	0.2% HNO3 (BRL)	1229024	<2	Cardboard Box w/ Styro Cooler

Lab ID: 1233038-13
Sample: OGBA2-Sed
Report Matrix: Soil/Sediment
Sample Type: Sample
Collected: 08/16/2012
Received: 08/17/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided			none	n/a		Cardboard Box w/ Styro Cooler

Lab ID: 1233038-14
Sample: AIC-Sed-2
Report Matrix: Soil/Sediment
Sample Type: Sample
Collected: 08/14/2012
Received: 08/17/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided			none	n/a		Cardboard Box w/ Styro Cooler

Shipping Containers

Cardboard Box w/ Styro Cooler

Received: August 17, 2012 8:45
Tracking No: 5033 6432 0940 via FedEx
Coolant Type: Ice
Temperature: 2.0 °C

Description: Cardboard Box w/ Styro Coo
Damaged in transit? No
Returned to client? No

Custody seals present? No
Custody seals intact? No
COC present? Yes

BROOKS RAND LABS
MEANINGFUL METALS DATA
3958 6th Avenue NW
Seattle, WA 98107
Phone: 206-632-6206
Fax: 206-632-6017
samples@brooksrand.com
www.brooksrand.com

Chain of Custody Record

BRL Report 1233038

1233038

White: LAB COPY
Yellow: CUSTOMER COPY

Client: Weber State University	Address: 2505 University Circle Ogden, UT 84408-2505	COC receipt confirmation? Y / N If so, by: email / fax (circle one)
Contact: Nacole Wilson		
Client project ID:		Email:
PO #:	Phone #: 801-626-8634	Fax #:

Requested TAT in business days:
- ☐ 20 (standard)
- ☐ 15
- ☐ 10
- ☐ 5
- ☐ Other ____

Surcharges apply for expedited turn around times.

	Sample ID	Collection		Miscellaneous				Field Preservation			Analyses required								Comments
		Date 2012	Time AM	Sampler (initials)	Matrix type	# of containers	Field filtered? (Y/N)	Unpreserved / ice only	HCl / HNO_3 (circle one)	Other (specify)	Total Hg, EPA 1631	Methyl Hg, EPA 1630	ICP-MS Metals (specify)	As / Se species (specify)	% Solids	Filtration	Other (specify) Total Se	Other (specify)	
1	OGBA2-FBHg	8/16	10:08	NW	W	1	N	N/A			✓								Field blank
2	OGBA2-Hg01	8/16	10:26	NW	W	1	N	N/A			✓								
3	OGBA2-Hg02	8/16	10:29	NW	W	1	N	N/A			✓								duplicate
4	OGBA2-FBSe	8/16	10:00	NW	W	1	N	N/A									✓		Field blank
5	OGBA2-Se01	8/16	10:17	NW	W	1	N	N/A									✓		
6	OGBA2-Se02	8/16	10:20	NW	W	1	N	N/A									✓		duplicate
7	AIC-FB-Se2	8/14	8:38	LN	W	1	N	N/A									✓		Field blank
8	AIC-FB-Hg2	8/14	8:47	LN	W	1	N	N/A			✓								Field blank
9	AIC-Hg-201	8/14	8:59	LN	W	1	N	N/A			✓								
10	AIC-Hg-202	8/14	9:02	LN	W	1	N	N/A			✓								duplicate

Relinquished by: Nacole Wilson	Date: 8/16/12	Time: 2:25P	Relinquished by:	Date:	Time:
Received by: Kathy Lee Rhodes	Date: 8/16/12	Time: 2:45 PM	Received at BRL by:	Date: 8/17/12	Time: 0845
Shipping carrier:	# of coolers:		BRL work order ID:	BRL project ID:	

BROOKS RAND LABS
MEANINGFUL METALS DATA
3958 6th Avenue NW
Seattle, WA 98107
Phone: 206-632-6206
Fax: 206-632-6017
samples@brooksrand.com
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Chain of Custody Record

1233038

White: LAB COPY
Yellow: CUSTOMER COPY

Client: Weber State University	Address: 2505 University Circle Ogden, Utah 84408-2505	COC receipt confirmation? Y / N If so, by: email / fax (circle one)
Contact: Nacole Wilson		
Client project ID:		Email:
PO #:	Phone #: 801-626-8634	Fax #:

Requested TAT in business days:
- ☐ 20 (standard)
- ☐ 15
- ☐ 10
- ☐ 5
- ☐ Other ____

Surcharges apply for expedited turn around times.

	Sample ID	Collection		Miscellaneous				Field Preservation			Analyses required								Comments
		Date 2012	Time 4M	Sampler (initials)	Matrix type	# of containers	Field filtered? (Y/N)	Unpreserved / ice only	HCl / HNO_3 (circle one)	Other (specify)	Total Hg, EPA 1631	Methyl Hg, EPA 1630	ICP-MS Metals (specify)	As / Se species (specify)	% Solids	Filtration	Other (specify) Total Se	Other (specify)	
1	AIC-Se-201	8/14	8:51	LN	W	1	N	N/A									✓		
2	AIC-Se-202	8/14	8:56	LN	W	1	N	N/A									✓		Duplicate
3	OGBA2-Sed	8/16		LN	S	1	N	N/A									✓		
4	AIC-Sed-2	8/14		LN	S	1	N	N/A									✓		
5																			
6																			
7																			
8																			
9																			
10																			

Relinquished by: Nacole Wilson	Date: 8/16/12	Time: 2:25p	Relinquished by:	Date:	Time:
Received by: Kathy L Rhodes	Date: 8-16-12	Time: 2:45PM	Received at BRL by:	Date: 8/17/12	Time: 0845
Shipping carrier:	# of coolers:		BRL work order ID:	BRL project ID:	

1L 1068522
500mL 7166633010

ORIGIN ID: OGDA (801) 626-6019
KATHY RHODES
WEBER STATE UNIVERSITY
3605 UNIVERSITY CIRCLE

OGDEN, UT 84408
UNITED STATES US

SHIP DATE: 16AUG12
ACTWGT: 30.3 LB MAN
CAD: 609474/CAFE2511
DIMS: 19x14x13 IN

BILL THIRD PARTY

TO

BROOKS RAND LABS, LLC
3958 6TH AVE NW

SEATTLE WA 98107
(206) 632-6206 REF: CHAIN OF CUSTODY RECORD
DEPT: DEPT ENVIROMENTAL QUALITY

50DC1/A270/10BC

FedEx Express

J111111060601125

FRI - 17 AUG A1
TRK# 0201 5033 6432 0940
PRIORITY OVERNIGHT
DSR
98107
WA-US SEA

WV BFIA

156148434 RIT2 12/10

ANALYSIS SEQUENCE

1200682

Brooks Rand Labs

Instrument: THG-05

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	
1200682-IBL1	1200682	QC	1		-			
1200682-IBL2	1200682	QC	2		-			
1200682-IBL3	1200682	QC	3		-			
1200682-IBL4	1200682	QC	4		-			
1200682-CAL1	1200682	QC	5	1232058	-			
1200682-CAL2	1200682	QC	6	1232059	-			
1200682-CAL3	1200682	QC	7	1232060	-			
1200682-CAL4	1200682	QC	8	1232061	-			
1200682-CAL5	1200682	QC	9	1232062	-			
1200682-ICV1	1200682	QC	10	1232064	-			
B121582-SRM1	B121582	QC	11		-			
1200682-CCV1	1200682	QC	12	1232063	-			
B121582-BLK1	B121582	QC	13		-			
1200682-CCB1	1200682	QC	14		-			
B121582-BLK2	B121582	QC	15		-			
B121582-BLK3	B121582	QC	16		-			
B121582-BLK4	B121582	QC	17		-			
1200682-ICB1	1200682	QC	18		-			
1235006-02	B121582	Hg-W-BrCl-CVAFS-TR	19			DUK-HV1201	9/10/2012	
1235006-04	B121582	Hg-W-BrCl-CVAFS-TR	20			DUK-HV1201	9/10/2012	
1235006-03	B121582	Hg-W-BrCl-CVAFS-TR	21			DUK-HV1201	9/10/2012	
1233038-01	B121582	Hg-W-BrCl-CVAFS-TR	22			UDE-SL1201	10/2/2012	
1233038-08	B121582	Hg-W-BrCl-CVAFS-TR	23			UDE-SL1201	10/2/2012	
1234035-12	B121582	Hg-W-BrCl-CVAFS-TR	24			E2C-EM1201	9/19/2012	
1233033-01	B121582	Hg-W-BrCl-CVAFS-TR	25			ENV-SS1201	9/10/2012	
1235034-01	B121582	Hg-W-BrCl-CVAFS-TR	26			SES-KM1201	9/7/2012	FGD
1233038-02	B121582	Hg-W-BrCl-CVAFS-TR	27			UDE-SL1201	10/2/2012	
1233038-09	B121582	Hg-W-BrCl-CVAFS-TR	28			UDE-SL1201	10/2/2012	
1234035-25	B121582	Hg-W-BrCl-CVAFS-TR	29			E2C-EM1201	9/19/2012	
1234035-28	B121582	Hg-W-BrCl-CVAFS-TR	30			E2C-EM1201	9/19/2012	
1235004-01	B121582	Hg-W-BrCl-CVAFS-TR	31			SES-KM1201	8/31/2012	FGD
1200682-CCB2	1200682	QC	32		-			
B121582-MS1	B121582	QC	33		1235006-03			
1200682-CCB3	1200682	QC	34		-			
1200682-CCB4	1200682	QC	35		-			
1200682-CCB5	1200682	QC	36		-			
1234035-12RE1	B121582	Hg-W-BrCl-CVAFS-TR	37			E2C-EM1201	9/19/2012	Added 9/4

ANALYSIS SEQUENCE

1200682

Brooks Rand Labs

Instrument: THG-05

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	
B121582-MSD1	B121582	QC	38		1235006-03			
B121582-MS2	B121582	QC	39		1233033-01			
1200682-CCB6	1200682	QC	40		-			
1235034-01RE1	B121582	Hg-W-BrCl-CVAFS-TR	41			SES-KM1201	9/7/2012	Added 9/4
B121582-MSD2	B121582	QC	42		1233033-01			
1233038-02RE1	B121582	Hg-W-BrCl-CVAFS-TR	43			UDE-SL1201	10/2/2012	Added 9/4
1235004-03	B121582	Hg-W-BrCl-CVAFS-TR	44			SES-KM1201	8/31/2012	FGD
1233038-09RE1	B121582	Hg-W-BrCl-CVAFS-TR	45			UDE-SL1201	10/2/2012	Added 9/4
B121582-MS3	B121582	QC	46		1234035-25			
B121582-MSD3	B121582	QC	47		1234035-25			
1234035-28RE1	B121582	Hg-W-BrCl-CVAFS-TR	48			E2C-EM1201	9/19/2012	Added 9/4
1235004-01RE1	B121582	Hg-W-BrCl-CVAFS-TR	49			SES-KM1201	8/31/2012	Added 9/4
1233038-01RE1	B121582	Hg-W-BrCl-CVAFS-TR	50			UDE-SL1201	10/2/2012	Added 9/4
1200682-CCV2	1200682	QC	51	1232063	-			
1235034-03	B121582	Hg-W-BrCl-CVAFS-TR	52			SES-KM1201	9/7/2012	FGD
1235034-05	B121582	Hg-W-BrCl-CVAFS-TR	53			SES-KM1201	9/7/2012	FGD
1235034-07	B121582	Hg-W-BrCl-CVAFS-TR	54			SES-KM1201	9/7/2012	FGD
1235034-09	B121582	Hg-W-BrCl-CVAFS-TR	55			SES-KM1201	9/7/2012	FGD
1235034-11	B121582	Hg-W-BrCl-CVAFS-TR	56			SES-KM1201	9/7/2012	FGD
1235034-13	B121582	Hg-W-BrCl-CVAFS-TR	57			SES-KM1201	9/7/2012	FGD
1235034-15	B121582	Hg-W-BrCl-CVAFS-TR	58			SES-KM1201	9/7/2012	FGD
1233038-03	B121582	Hg-W-BrCl-CVAFS-TR	59			UDE-SL1201	10/2/2012	
1233038-10	B121582	Hg-W-BrCl-CVAFS-TR	60			UDE-SL1201	10/2/2012	
1233033-02	B121582	Hg-W-BrCl-CVAFS-TR	61			ENV-SS1201	9/10/2012	
1200682-CCV3	1200682	QC	62	1232063	-			
1233033-03	B121582	Hg-W-BrCl-CVAFS-TR	63			ENV-SS1201	9/10/2012	
1235006-01	B121582	Hg-W-BrCl-CVAFS-TR	64			DUK-HV1201	9/10/2012	
1200682-CCV4	1200682	QC	65	1229079	-			

SOP(s) / Rev#(s): 0006-004e

Hg Analysis Sheet : T-Hg / Other:_____ Page 1 of 3

Sequence: MH 9.4.12 ~~1260~~ 1200682 Batch(es): B121582

Analyst: MCH Date: 9.4.12 Instrument ID: THg-05

10ng/mL std ID: 1232056 1ng/mL std ID: 1232055 ICV std ID: 1233012

$NH_2OH{\cdot}HCl$ #: 1235001 $SnCl_2$ #: 1233054

Initial offset: 10,000 Initial PMT: 496.0 Trap Serial #: 12152

Run #	Split Bottle	Trap	Bubb.	Brooks Rand Sample ID	Analy. Vol. (mL)	Dilution Factor	Analysis comments / For spiked QC: Source sample, standard ID, and spiked volume (mL)
1	1	25	1	SEQ-IBL1	---		
2	2	26	2	SEQ-IBL2	---		
3	3	27	3	SEQ-IBL3	---		
4	4	28	4	SEQ-IBL4	---		
5	1	29	1	SEQ-CAL1	0.025		1ng/mL
6	2	30	2	SEQ-CAL2	0.100		1ng/mL
7	3	31	3	SEQ-CAL3	0.050		10ng/mL
8	4	32	4	SEQ-CAL4	0.250		10ng/mL
9	1	33	1	SEQ-CAL5	1.00		10ng/mL
10	2	34	2	SEQ-ICV1	1.00		NIST 1641d
→ 11	3	35	3	SEQ-CCV	0.050		10ng/mL
12	4	36	4	B121582-BLK1	100.62		
13	1	25	1	SEQ-CCB1	---		
14	2	26	2	B121582-BLK2	99.42		
15	3	27	3	↓ -BLK3	100.34		
16	4	28	4	↓ -BLK4	99.76		
17	1	29	1	SEQ-ICB	99.78		
18	2	30	2	1235006-02	99.41		
19	3	31	3	↓ -04	100.40		UGLY PEAK: FRONT SMD OK
20	4	32	4	↓ -03	70.87		
21	1	33	1	1233038-01	99.56		UGLY PEAK: WILL RERUN
22	2	34	2	↓ -08	99.94		
23	3	35	3	1234035-12	~~MH 9.4.12~~ 49.97		OVER CAL: WILL RERUN
24	4	36	4	1233033-01	99.36		

Comments:

Balance ID: BL-01

SOP(s) / Rev#(s): 0006-004e

Hg Analysis Sheet (T-Hg / Other:____ Page 2 of 3

Sequence: 1200682 Analyst: MLH Date: 9.4.12

Run #	Split Bottle	Trap	Bubb.	Brooks Rand Sample ID	Analy. Vol. (mL)	Dilution Factor	Analysis comments / For spiked QC: Source sample, standard ID, and spiked volume (mL)
25	1	25	1	1235034-01	1.00		OVER CAL: WILL RERUN
26	2	26	2	1233038-02	↓		NON DETECT: WILL RERUN
27	3	27	3	↓ -09	↓		HIGH BUBBLER: WILL RERUN
28	4	28	4	1234035-25	↓		
29	1	29	1	↓ -25	1.00		IN HIGH BUBBLER: WILL RERUN
30	2	30	2	1235004-01	1.00		OVER CAL: WILL RERUN
31	3	31	3	SEQ-CCB2	—		
32	4	32	4	B121582-MS1	20.01		NATIVE: 1235006-03 + 1100 (110 mL of 10 ng/mL)
33	1	33	1	SEQ-CCB3	—		
34	2	34	2	~~1233038-01RE1~~	100.10	MH 9.4.12	SEQ-CCB4 —
35	3	36	3	SEQ-CCB4/5	—		
36	4	25	4	1234035-12RE1	0.100		
37	1	26	1	B121582-MSD1	20.50		NATIVE: 1235006-03 + 1100 (110 mL of 10 ng/mL)
38	2	27	2	↓ -MS2	99.69		NATIVE: 1233033-01 + 4700 (470 mL of 10 ng/mL)
39	3	28	3	SEQ-CCB6	—		
40	4	29	4	1235034-01RE1	0.100		
41	1	30	1	B121582-MSD2	100.60		NATIVE: 1233033-01 + 4700 (470 mL of 10 ng/mL)
43	3	31	3	1235004-03	0.100		TRAP 32
42	2	31	2	1233038-02RE1	10.00		↓ 31
44	4	33	4	↓ -09RE1	↓		
45	1	34	1	B121582-MS3	1.00		NATIVE: 1234035-25 + 6000 (600 mL of 10 ng/mL)
46	2	36	2	↓ ~~-MS~~ MSD3	1.00		↓
47	3	25	3	1234035-28RE1	1.00		
48	4	26	4	1235004-01RE1	0.100		
49	1	27	1	1233038-01RE1	89959		
50	2	28	2	SEQ-CCV	0.050		10 ng/mL
51	3	29	3	1235034-03	0.100		
52	4	30	4	↓ -05	0.100		
53	1	31	1	1235034-07	0.100		
54	2	32	2	↓ -09	↓		
55	3	33	3	↓ -11	↓		
56	4	34	4	↓ -13	↓		

Comments:

SOP(s) / Rev#(s): 0006-004e

Hg Analysis Sheet : T-Hg / Other: ____ Page 3 of 3

Sequence: 1200682 Analyst: MLH Date: 9.4.12

Run #	Split Bottle	Trap	Bubb.	Brooks Rand Sample ID	Analy. Vol. (mL)	Dilution Factor	Analysis comments / For spiked QC: Source sample, standard ID, and spiked volume (mL)
57	1	36	1	1235034-15	0.100		
58	2	25	2	1233038-03	10.00		
59	3	26	3	⊥ -10	10.00		
60	4	27	4	1233033-02	99.36		
61	1	28	1	SEQ-CCV	0.050		10ng/mL
62	2	29	2	1233033-03	100.84		
63	3	30	3	1235006-01	5.00		
64	4	31	4	SEQ-CCV	0.050		10ng/mL

MLH 9.4.12

Comments:

Brooks Rand Labs

THg Water Prep Benchsheet

SOP / Rev #: BR-0006 Rev 004e

BRL Report 1233038

Prepped By: IRJ Batch: B121582

Prep Start Date/Time*: 9-3-12/14:10 BrCl ID: 1231015 1st - 24 hr Check Date/Time: 8:15 9.4.12

Prep End Date/Time**: 9-3-12/14:30 2nd - 24 hr Check Date/Time: —

* Time when the first reagents are added.

** Time when the last sample is brought up to volume.

Sample ID	Sample Aliquot (mL)	BrCl added (mL)	%BrCl	24 hr Check (initials)	only fill out if additional BrCl is added: Additional BrCl Added (mL)	2nd - 24 hr Check (initials)	Adjusted %BrCl	
1233033-01	450	22.5	5	MLH				
1233033-02	↓	(2) ~~1~~ 4.5	1	↓				
1233033-03	475	4.75	↓	↓				
1233038-01	500	5	↓	↓				
1233038-02	↓	10	2	↓				
1233038-03	↓	↓	↓	↓				
1233038-08	~~↓~~ 375	3.75	1	↓				
1233038-09	~~↓~~ 500	25	5	↓				some minimal sediment
1233038-10	~~↓~~ ↓	↓	↓	↓				↓
1234035-12	250	2.5	1	↓				
1234035-25	↓	↓	↓	↓				
1234035-28	↓	↓	↓	↓				
* 1235004-01	300	IRJ 9.4.12	MH 9.4.12	IRJ 9.4.12				
* 1235004-03	~~↓~~ 275	13.75	~~8~~ 6 (1)	↓				- black sediment
1235006-01	250	2.5	1	↓				
1235006-02	↓	↓	↓	↓				
1235006-03	↓	5	2	↓				
1235006-04	↓	2.5	1	↓				
* 1235034-01	700							
1235034-03	↓							
1235034-05	800							
1235034-07	700							
1235034-09	750							
1235034-11	800							
1235034-13	700							
1235034-15	750							
B121582-BLK1	250	2.5	1	↓				
B121582-BLK2	↓	↓	↓	↓				
B121582-BLK3	↓	↓	↓	↓				
B121582-BLK4	↓	↓	↓	↓				
* BPS Prep BLK	↓	—		↓				

IRJ 9.4.12

IRJ 9-3-12 (Sample Aliquot, 1233038-08 to 1234035-12)

IRJ 9.4.12 (1234035-12 to 1235004-01)

IRJ 9.4.12 (1235034-01 to 1235034-15)

Oven ID: OV-06 Thermometer ID: PL-12

Date/Time in: 9-3-12/14:35 Oven Temp (measured / corrected): 66 / 66

Date/Time out: Timed: 4 hrs Oven Temp (measured / corrected): — / —

NOTES:

- 1233033-01 B had a good amount of brown sediment

* Samples underwent BPS where BrCl was added @ 1% by volume. These were tested w/ potassium iodide paper and BrCl was added only where noted.

- 1235004-03 was also tested after BrCl addition, showing enough excess BrCl was added

(1) Total % BrCl added is 6% IRJ 9.4.12

Rev. 05/07/12

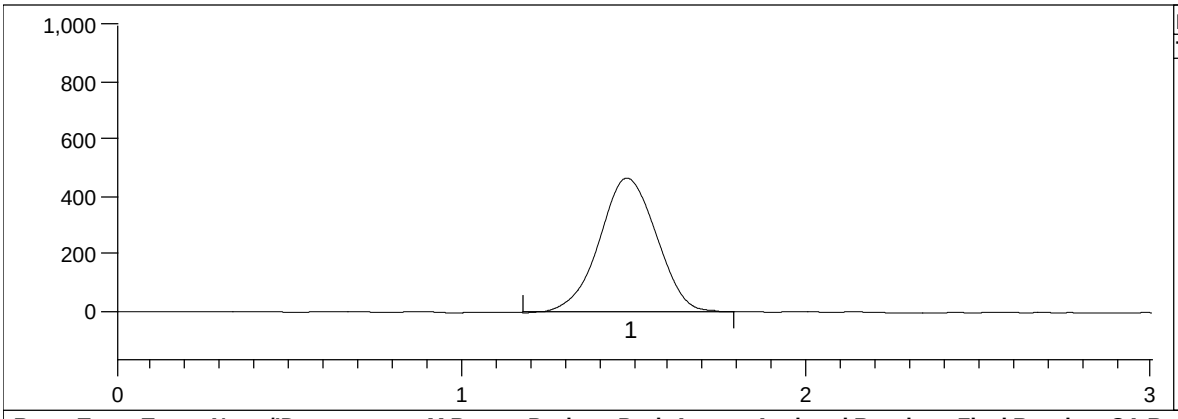
(2) Uncertainty in amount of BrCl added, not noticed until the day after prep. The corrected amount of 4.5 mL (1%) was probably added but it could be up to 22.5 mL (5%) IRJ 9.4.12

Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

Project Number(s): 1200682
Instrument ID: THG-05

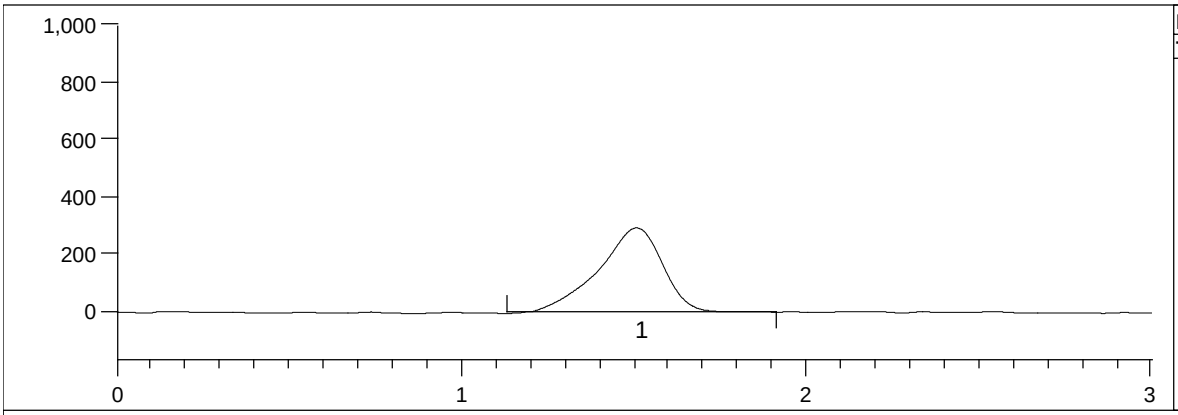
Date Analyzed: 9/4/12
Analyst Name: MLH



Date: 9/4/12
Time: 8:55 AM

Peak	rt	Area
1	1.47	55,286

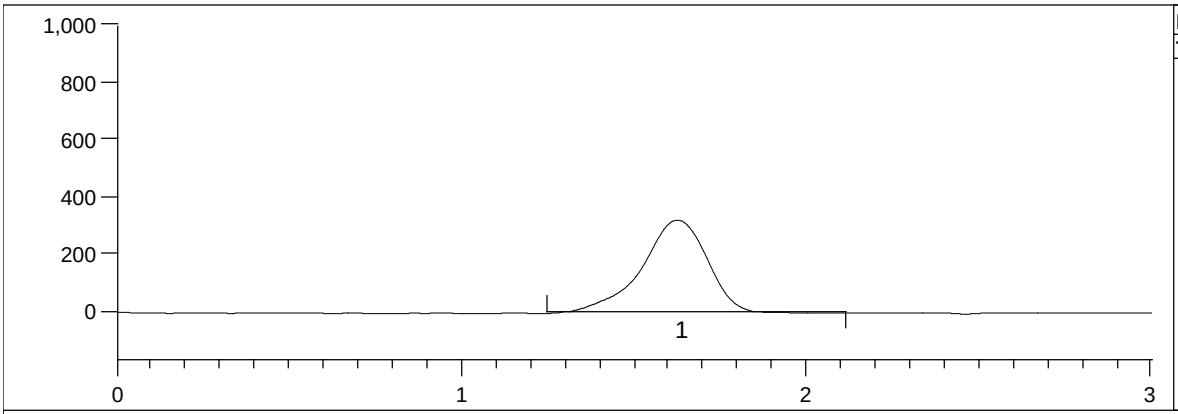
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
1		IBL	SEQ-IBL1		1	55,286	6.02		6.02	< 40	accept
Notes											



Date: 9/4/12
Time: 8:59 AM

Peak	rt	Area
1	1.50	40,517

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
2		IBL	SEQ-IBL2		1	40,517	4.41		4.41	< 40	accept
Notes											



Date: 9/4/12
Time: 9:04 AM

Peak	rt	Area
1	1.62	45,015

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
3		IBL	SEQ-IBL3		1	45,015	4.90		4.90	< 40	accept
Notes											

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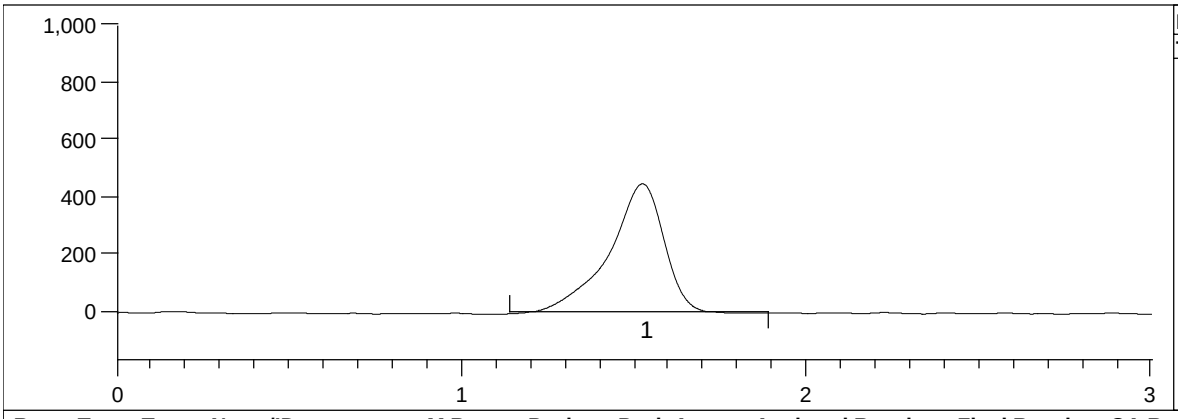
Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

Project Number(s): 1200682
Instrument ID: THG-05

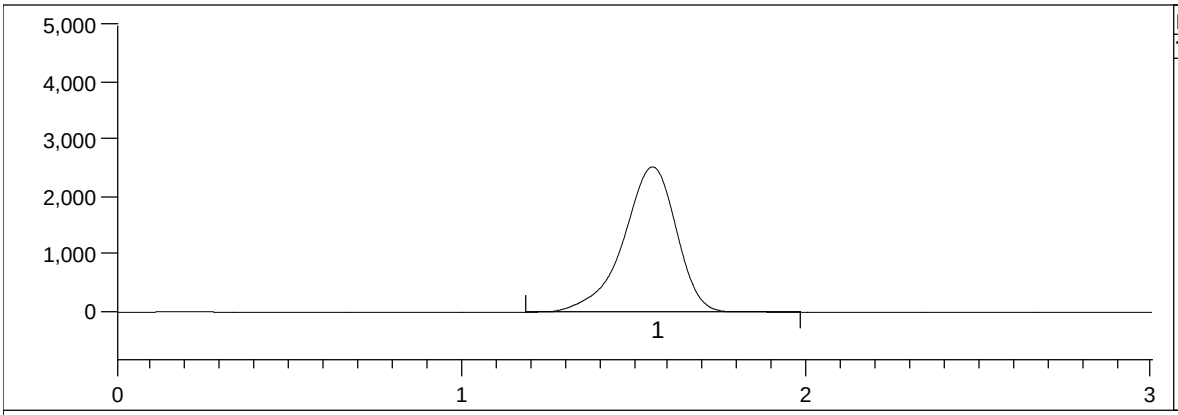
Date Analyzed: 9/4/12
Analyst Name: MLH



Date: 9/4/12
Time: 9:07 AM

Peak	rt	Area
1	1.52	52,314

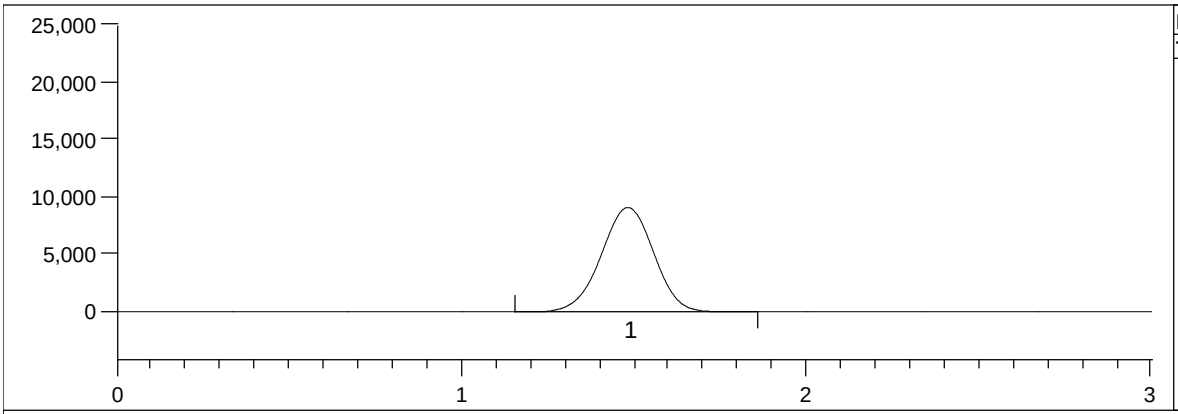
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
4		IBL	SEQ-IBL4		1	52,314	5.70		5.70	< 40	accept
Notes											



Date: 9/4/12
Time: 9:14 AM

Peak	rt	Area
1	1.55	277,097

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
5		CAL	SEQ-CAL1		1	277,097	24.9		99.7	80-120	accept
Notes											



Date: 9/4/12
Time: 9:19 AM

Peak	rt	Area
1	1.48	979,630

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
6		CAL	SEQ-CAL2		1	979,630	101		101	80-120	accept
Notes											

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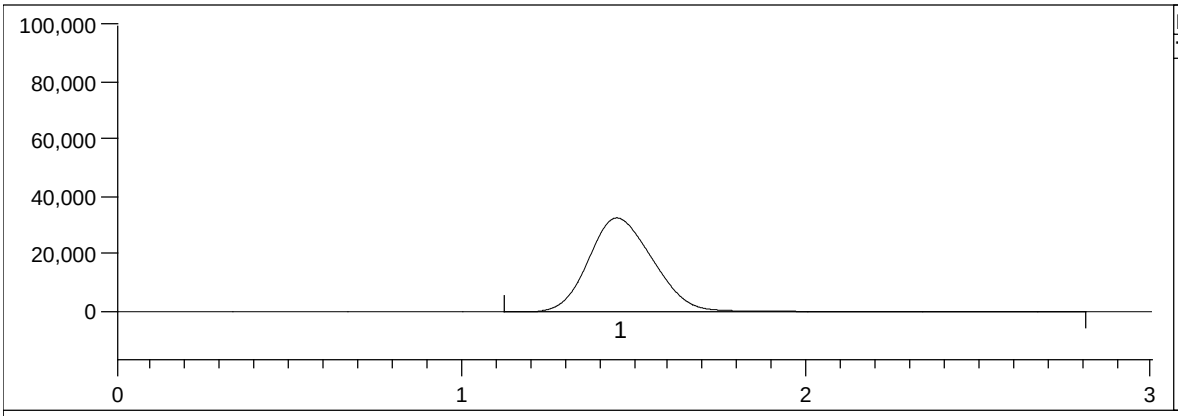
Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

Project Number(s): 1200682
Instrument ID: THG-05

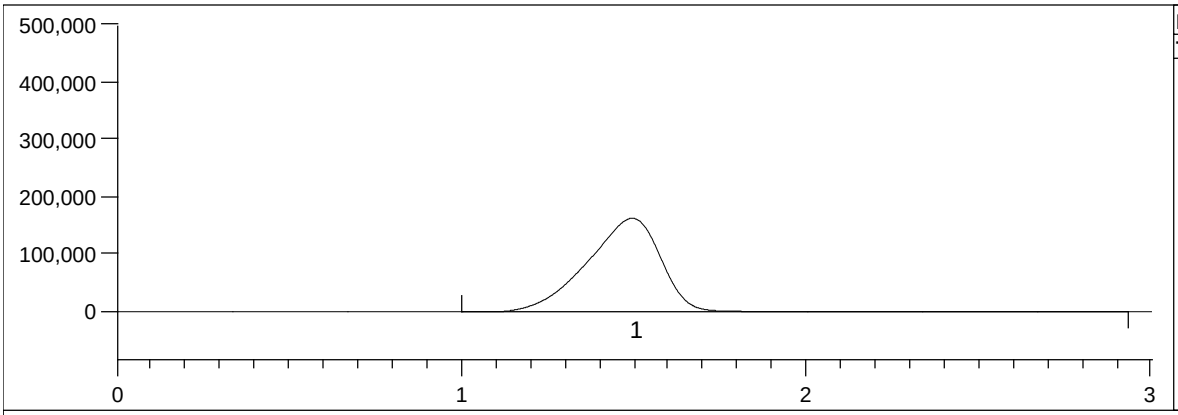
Date Analyzed: 9/4/12
Analyst Name: MLH



Date: 9/4/12
Time: 9:23 AM

Peak	rt	Area
1	1.44	4,346,729

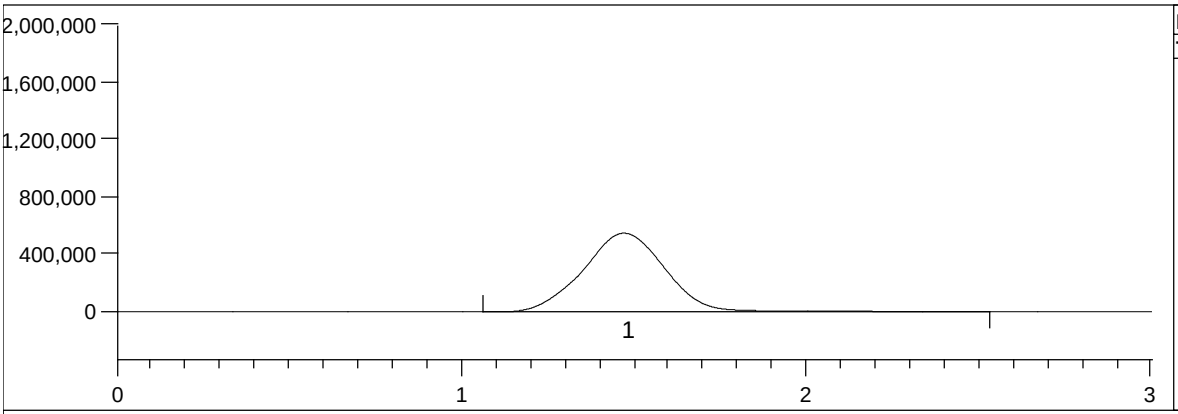
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
7		CAL	SEQ-CAL3		1	4,346,729	468		93.6	80-120	accept
Notes											



Date: 9/4/12
Time: 9:27 AM

Peak	rt	Area
1	1.49	24,598,955

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
8		CAL	SEQ-CAL4		1	24,598,955	2,670		107	80-120	accept
Notes											



Date: 9/4/12
Time: 9:34 AM

Peak	rt	Area
1	1.46	91,158,358

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
9		CAL	SEQ-CAL5		1	91,158,358	9,920		99.2	80-120	accept
Notes											

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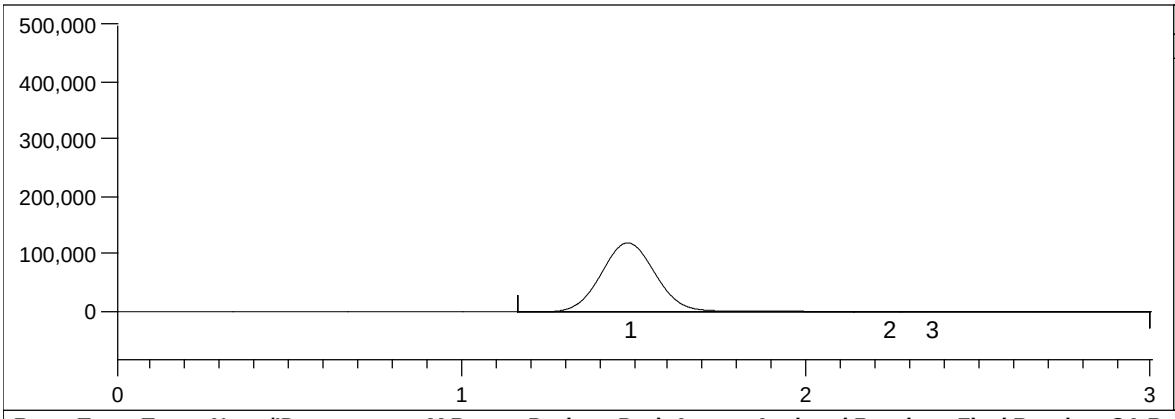
Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

Project Number(s): 1200682
Instrument ID: THG-05

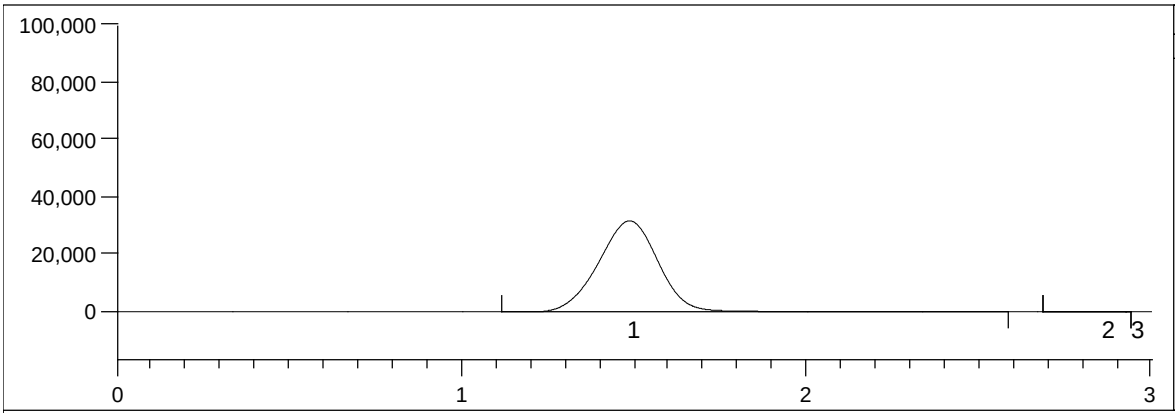
Date Analyzed: 9/4/12
Analyst Name: MLH



Date: 9/4/12
Time: 9:39 AM

Peak	rt	Area
1	1.48	13,521,758
2	2.22	58,758
3	2.35	185,285

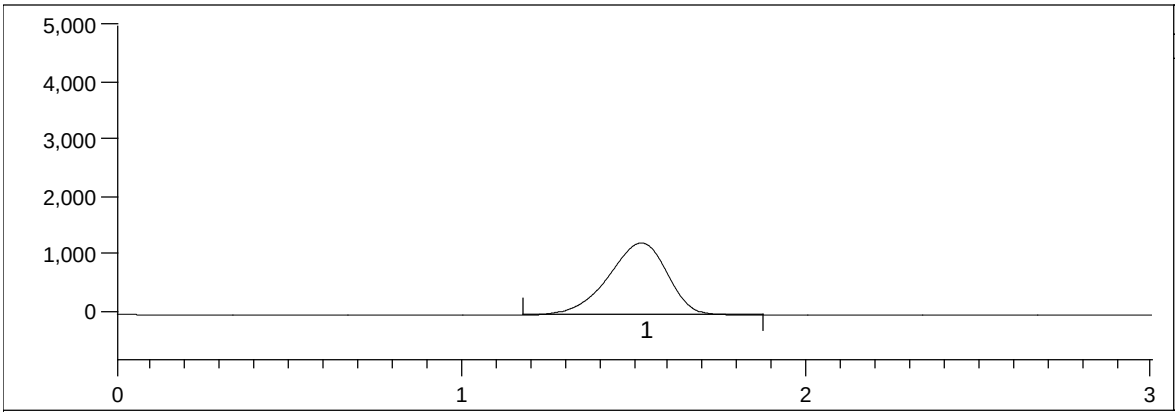
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
10		ICV	SEQ-ICV1		1	13,521,758	1,470		93.6	85-115	accept
Notes											



Date: 9/4/12
Time: 9:43 AM

Peak	rt	Area
1	1.48	3,897,717
2	2.86	920
3	2.94	13

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
11		CCV	SEQ-CCV		1	3,897,717	419		83.8	77-123	accept
Notes											



Date: 9/4/12
Time: 9:47 AM

Peak	rt	Area
1	1.52	154,851

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
12		S	B121582-BLK1		1	154,851	11.6	0.00		< HS	accept
Notes											

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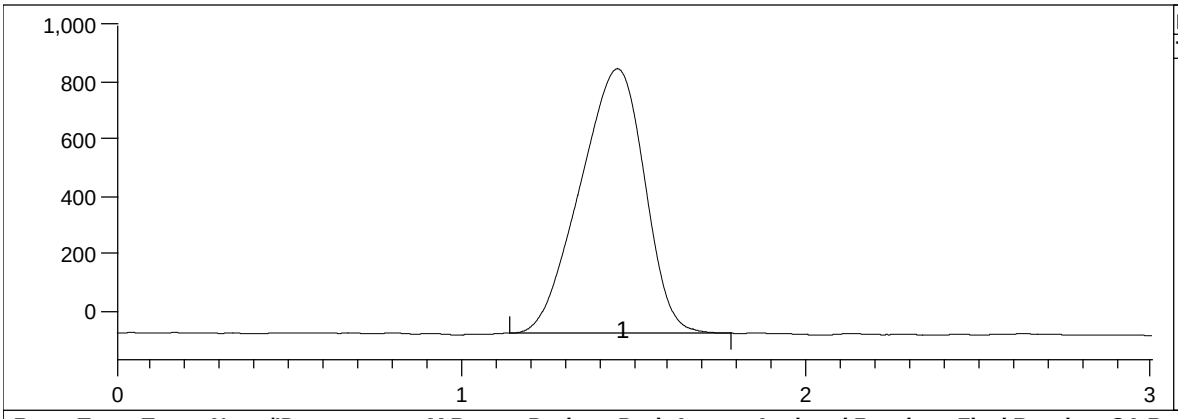
Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

Project Number(s): 1200682
Instrument ID: THG-05

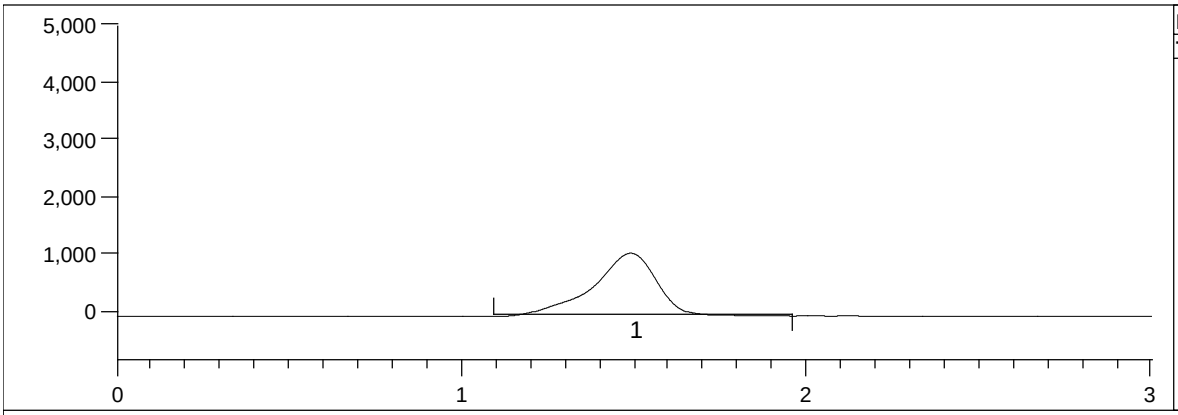
Date Analyzed: 9/4/12
Analyst Name: MLH



Date: 9/4/12
Time: 9:54 AM

Peak	rt	Area
1	1.45	120,925

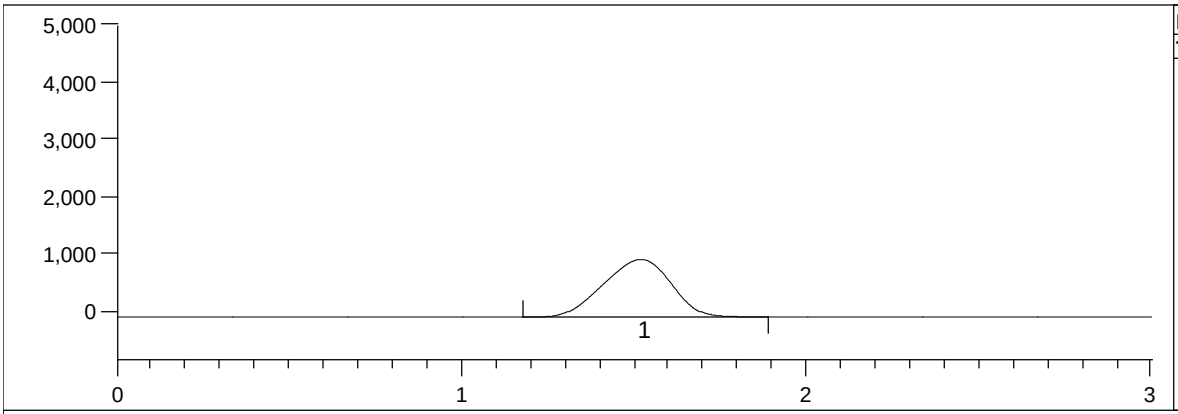
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
13		CCB	SEQ-CCB1		1	120,925	13.2		13.2	< 40	accept
Notes											



Date: 9/4/12
Time: 9:59 AM

Peak	rt	Area
1	1.48	147,081

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
14		S	B121582-BLK2		1	147,081	10.8	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 10:06 AM

Peak	rt	Area
1	1.52	140,940

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
15		S	B121582-BLK3		1	140,940	10.1	0.00		< HS	accept
Notes											

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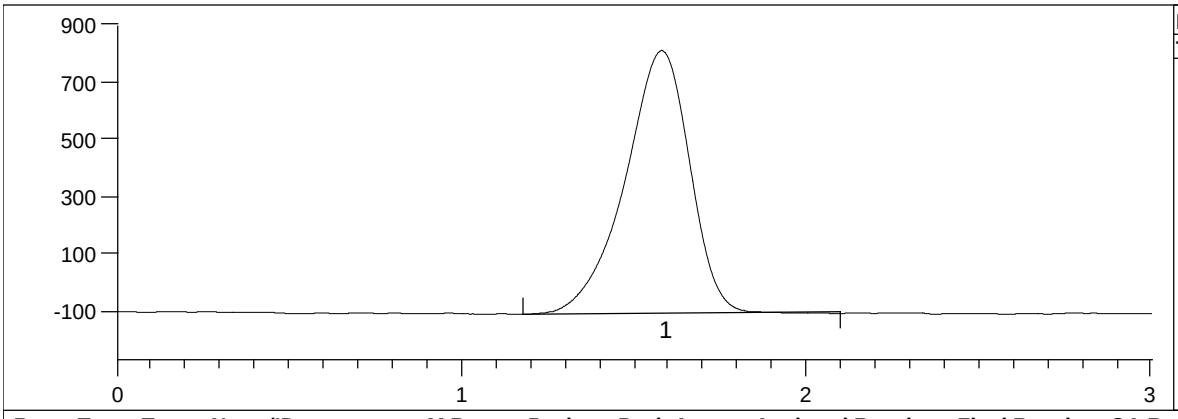
Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

Project Number(s): 1200682
Instrument ID: THG-05

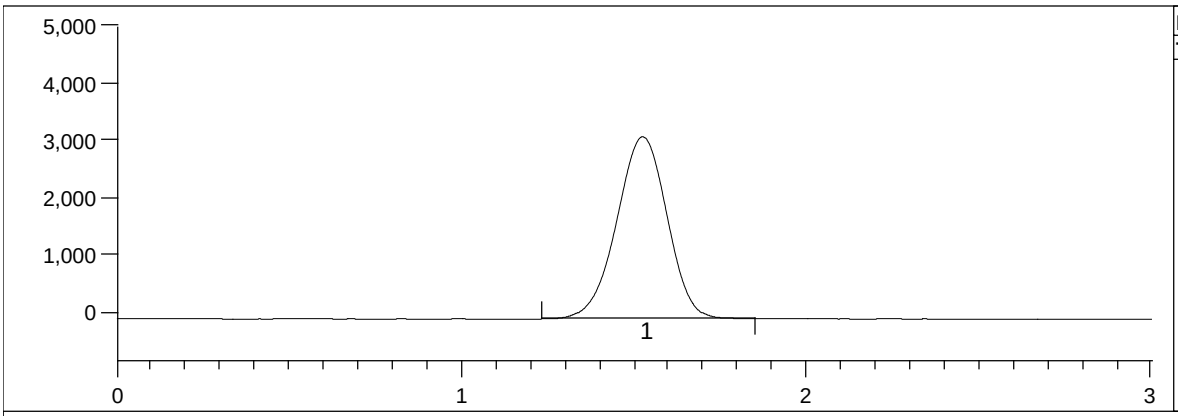
Date Analyzed: 9/4/12
Analyst Name: MLH



Date: 9/4/12
Time: 10:10 AM

Peak	rt	Area
1	1.58	122,276

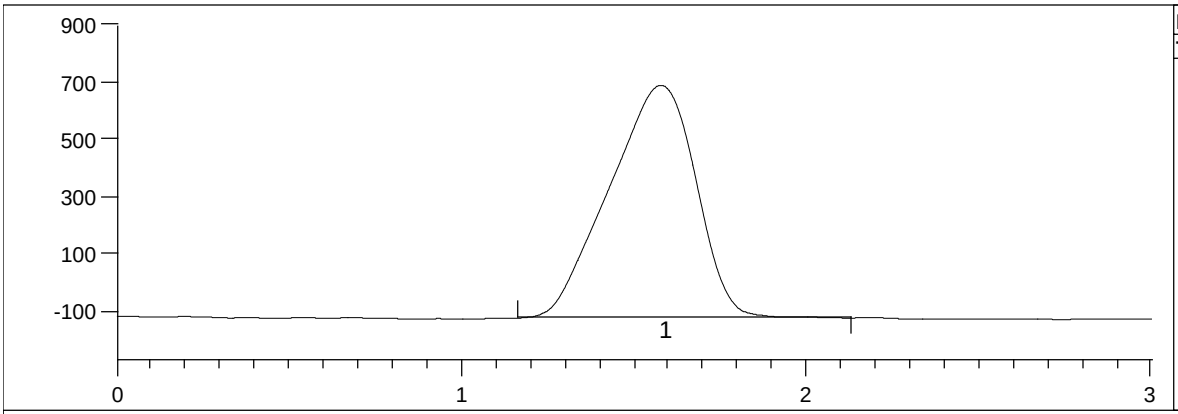
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
16		S	B121582-BLK4		1	122,276	8.06	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 10:14 AM

Peak	rt	Area
1	1.52	327,061

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
17		S	SEQ-ICB		1	327,061	30.4	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 10:19 AM

Peak	rt	Area
1	1.57	143,583

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
18		S	1235006-02		1	143,583	10.4	0.00		< HS	accept
Notes											

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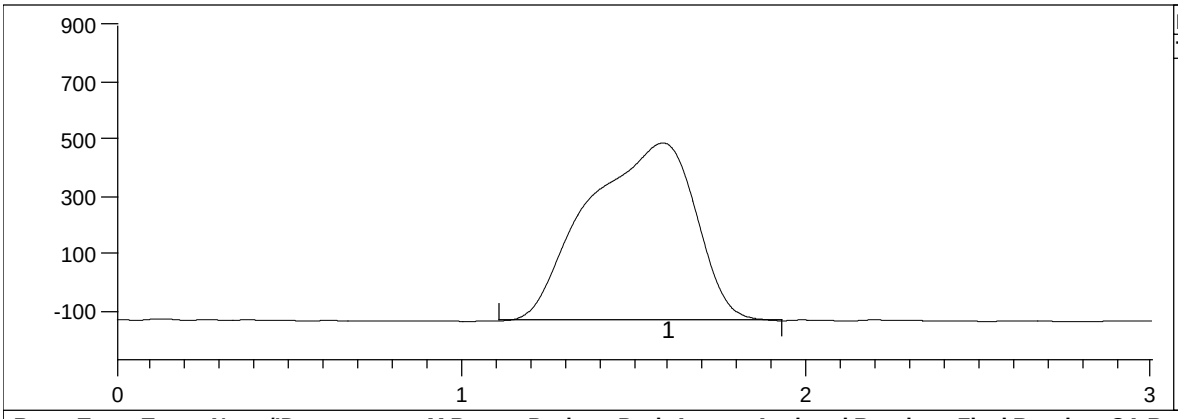
Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

Project Number(s): 1200682
Instrument ID: THG-05

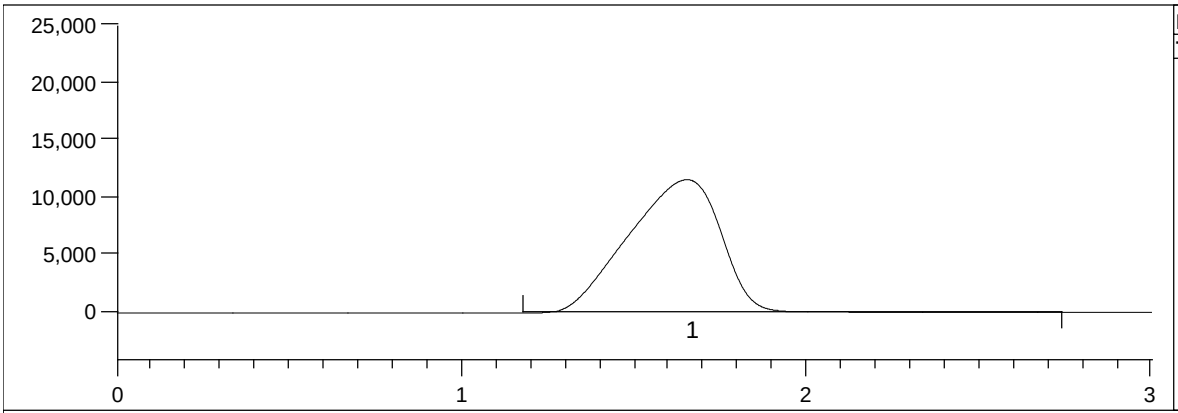
Date Analyzed: 9/4/12
Analyst Name: MLH



Date: 9/4/12
Time: 10:24 AM

Peak	rt	Area
1	1.58	136,192

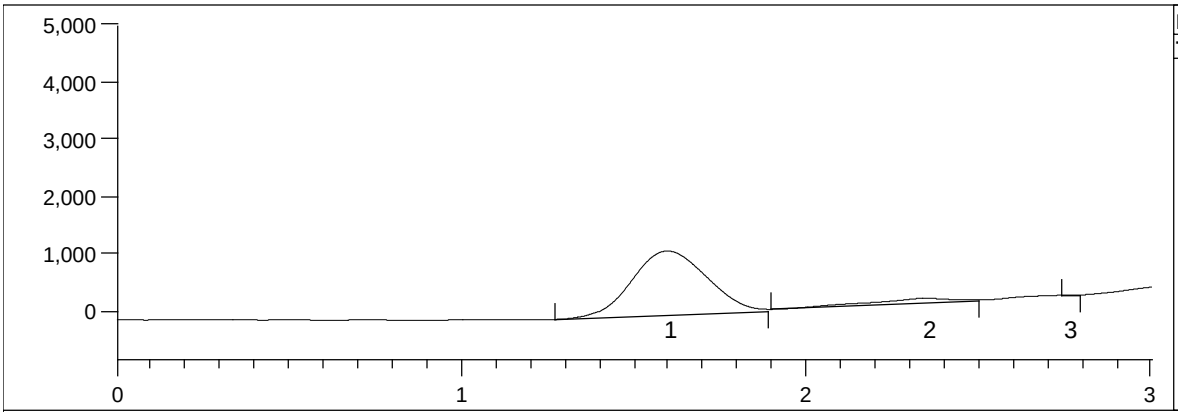
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
19		S	1235006-04		1	136,192	9.57	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 10:28 AM

Peak	rt	Area
1	1.65	2,217,309

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
20		S	1235006-03		1	2,217,309	236	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 10:34 AM

Peak	rt	Area
1	1.59	165,249
2	2.34	11,819
3	2.75	24

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
21		S	1233038-01		1	165,249	12.7	0.00		< HS	accept
Notes											

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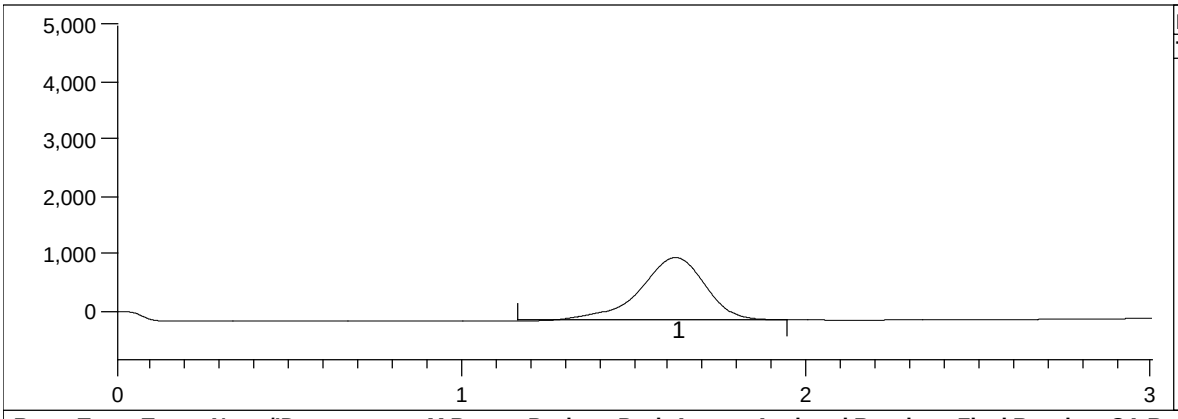
Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

Project Number(s): 1200682
Instrument ID: THG-05

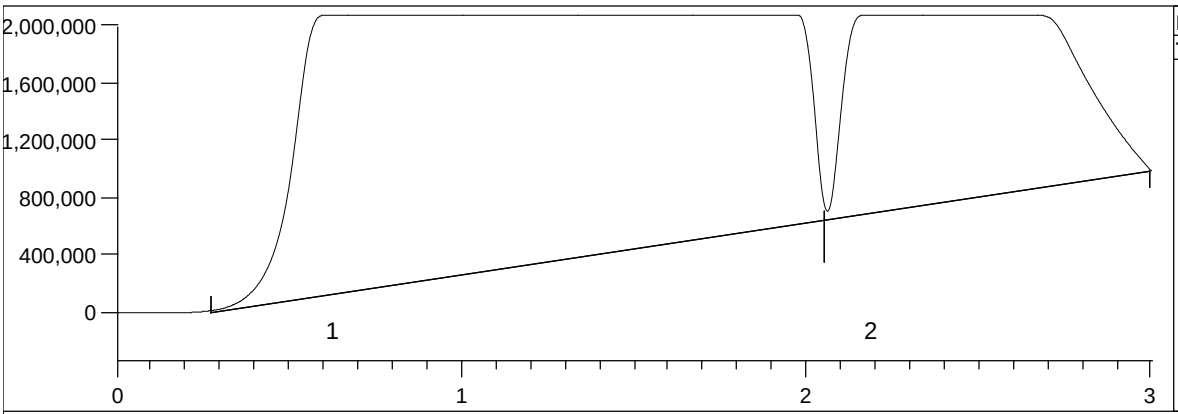
Date Analyzed: 9/4/12
Analyst Name: MLH



Date: 9/4/12
Time: 10:44 AM

Peak	rt	Area
1	1.62	149,113

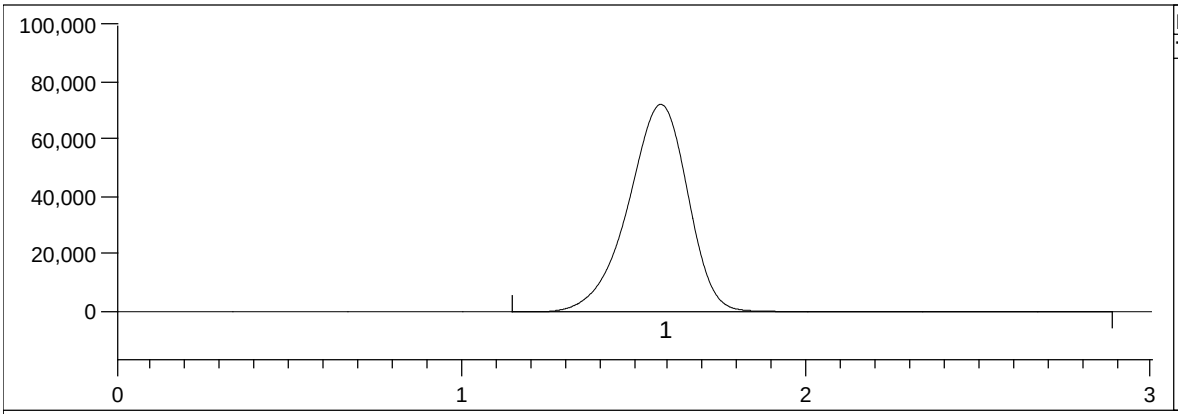
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
22		S	1233038-08		1	149,113	11.0	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 10:48 AM

Peak	rt	Area
1	0.60	>1,570,167,73
2	2.17	>574,978,91

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
23		S	1234035-12		1	>1,570,167,732	171,000	0.00		< HS	reject
Notes											



Date: 9/4/12
Time: 11:59 AM

Peak	rt	Area
1	1.57	8,780,802

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
24		S	1233033-01		1	8,780,802	951	0.00		< HS	accept
Notes											

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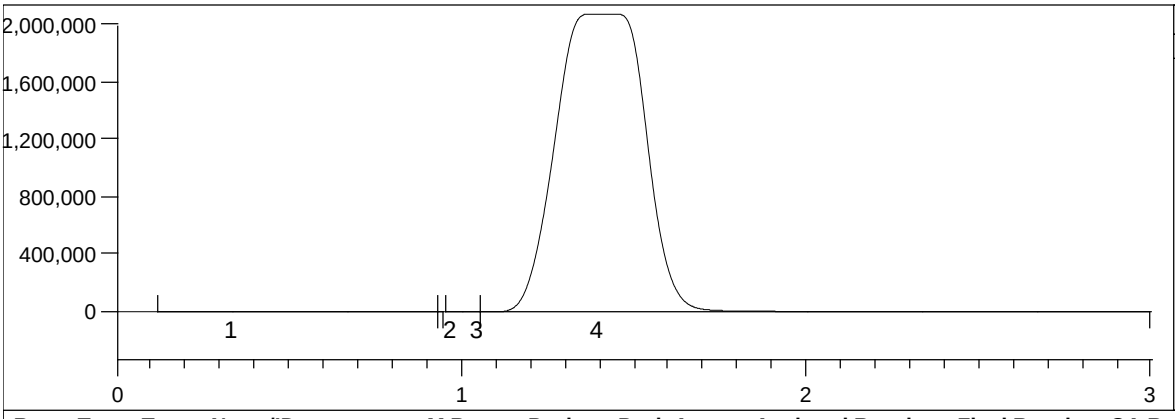
Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

Project Number(s): 1200682
Instrument ID: THG-05

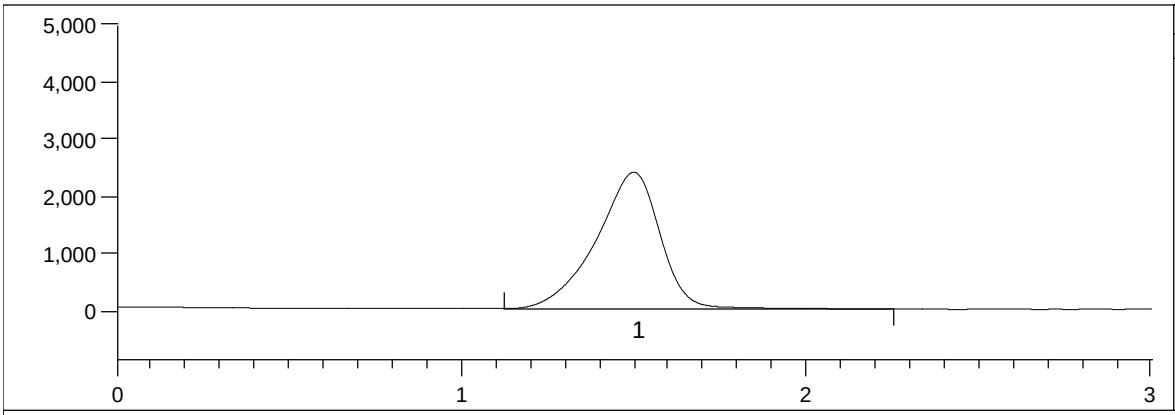
Date Analyzed: 9/4/12
Analyst Name: MLH



Date: 9/4/12
Time: 12:12 PM

Peak	rt	Area
1	0.31	52,318
2	0.95	6
3	1.03	406
4	1.37	>371,957,232

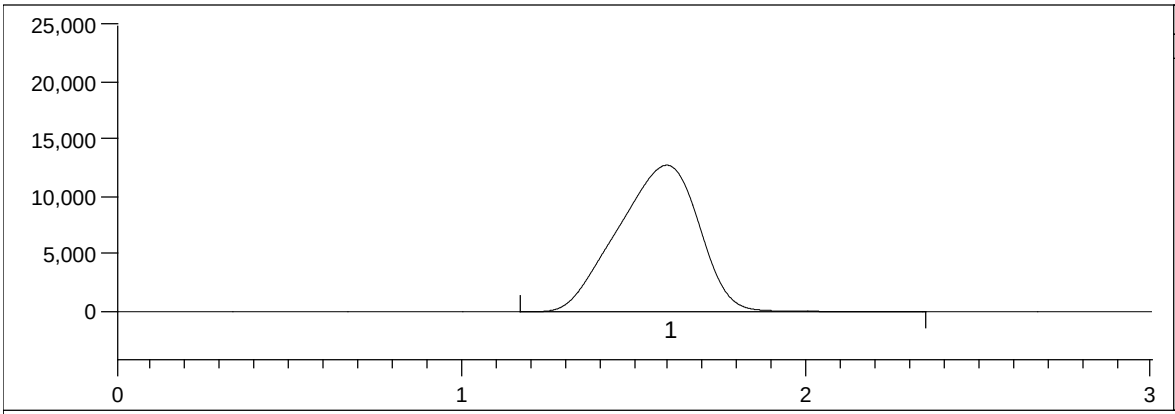
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
25		S	1235034-01		4	>371,957,232	40,500	0.00		< HS	reject
Notes											



Date: 9/4/12
Time: 12:21 PM

Peak	rt	Area
1	1.49	308,620

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
26		S	1233038-02		1	308,620	28.4	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 12:26 PM

Peak	rt	Area
1	1.59	2,105,558

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
27		S	1233038-09		1	2,105,558	224	0.00		< HS	accept
Notes											

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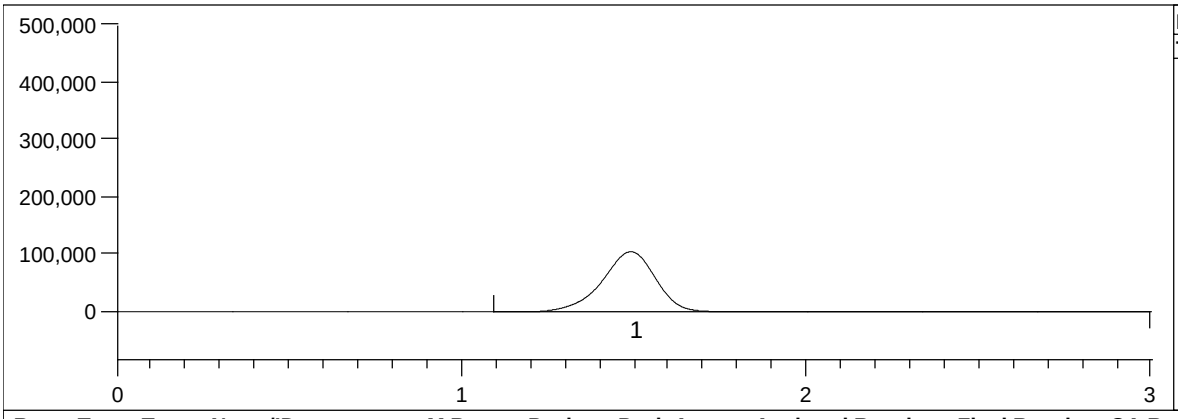
Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

Project Number(s): 1200682
Instrument ID: THG-05

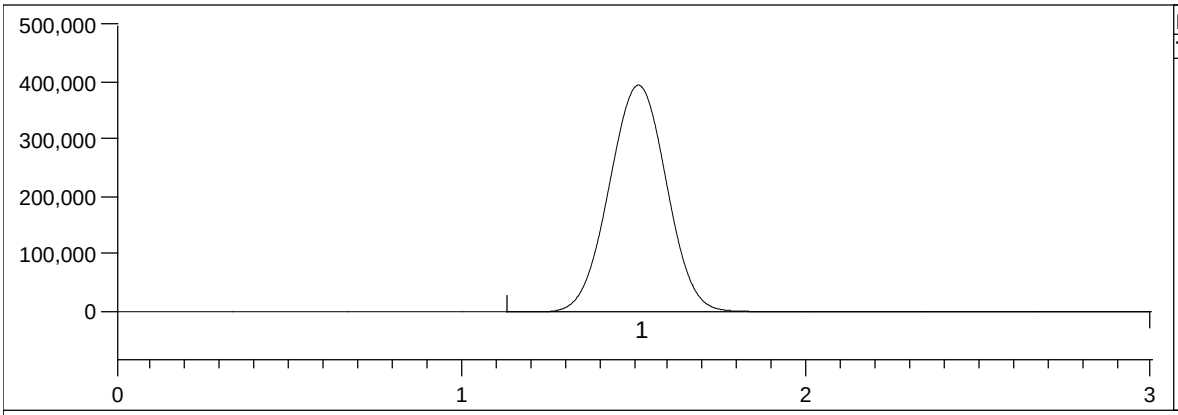
Date Analyzed: 9/4/12
Analyst Name: MLH



Date: 9/4/12
Time: 12:31 PM

Peak	rt	Area
1	1.48	11,553,062

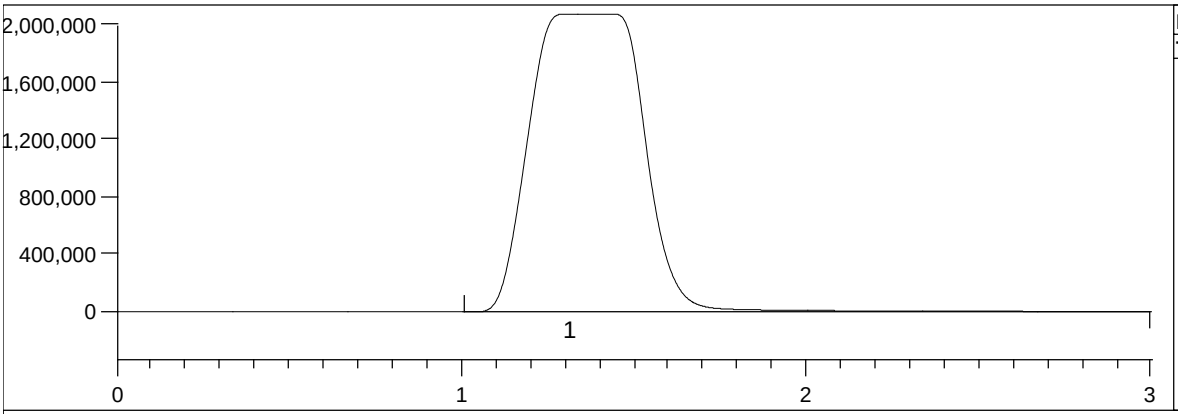
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
28		S	1234035-25		1	11,553,062	1,250	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 12:36 PM

Peak	rt	Area
1	1.51	46,184,133

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
29		S	1234035-28		1	46,184,133	5,020	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 12:42 PM

Peak	rt	Area
1	1.30	>469,625,048

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
30		S	1235004-01		1	>469,625,048	51,100	0.00		< HS	reject
Notes											

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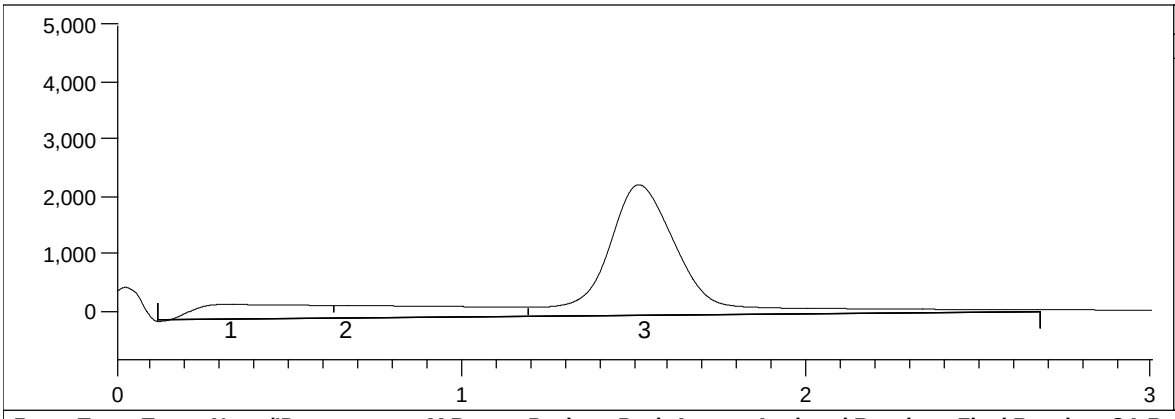
Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

Project Number(s): 1200682
Instrument ID: THG-05

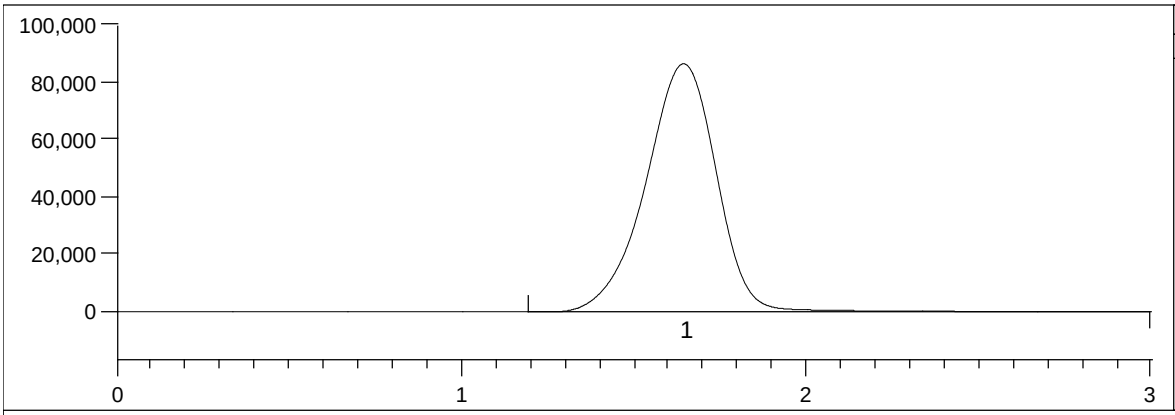
Date Analyzed: 9/4/12
Analyst Name: MLH



Date: 9/4/12
Time: 12:46 PM

Peak	rt	Area
1	0.32	72,362
2	0.65	71,120
3	1.51	345,504

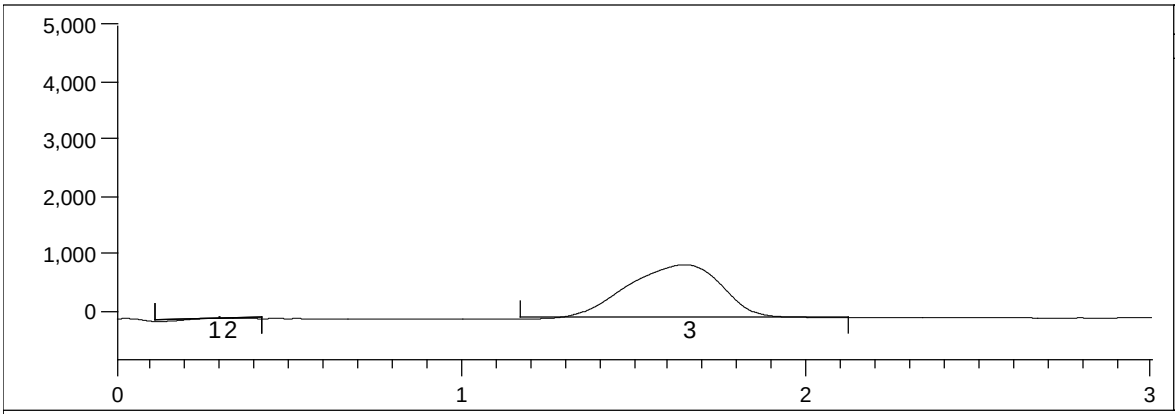
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
31		CCB	SEQ-CCB2		3	345,504	37.6		37.6	< 40	accept
Notes											



Date: 9/4/12
Time: 12:52 PM

Peak	rt	Area
1	1.64	12,452,176

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
32		S	B121582-MS1		1	12,452,176	1,350	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 1:45 PM

Peak	rt	Area
1	0.26	2,149
2	0.32	1,069
3	1.64	184,437

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
33		CCB	SEQ-CCB3		3	184,437	20.1		20.1	< 40	accept
Notes											

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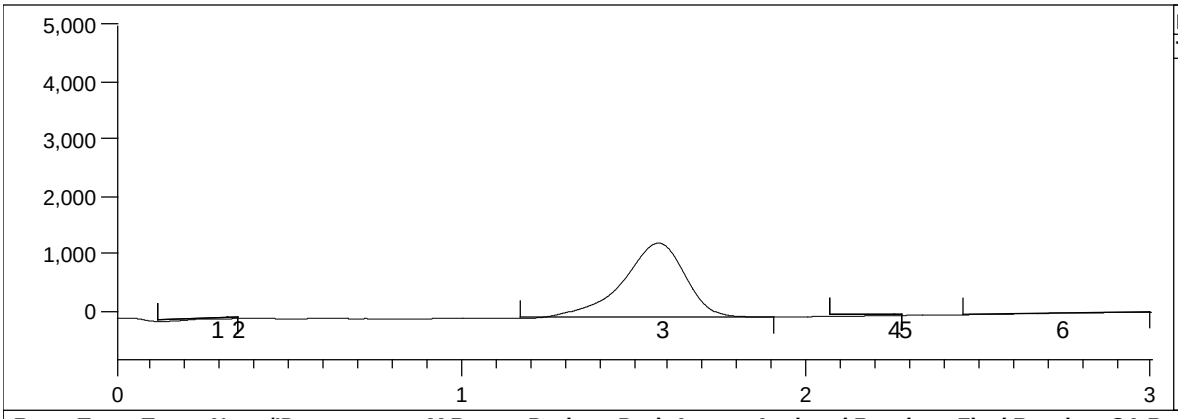
Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

Project Number(s): 1200682
Instrument ID: THG-05

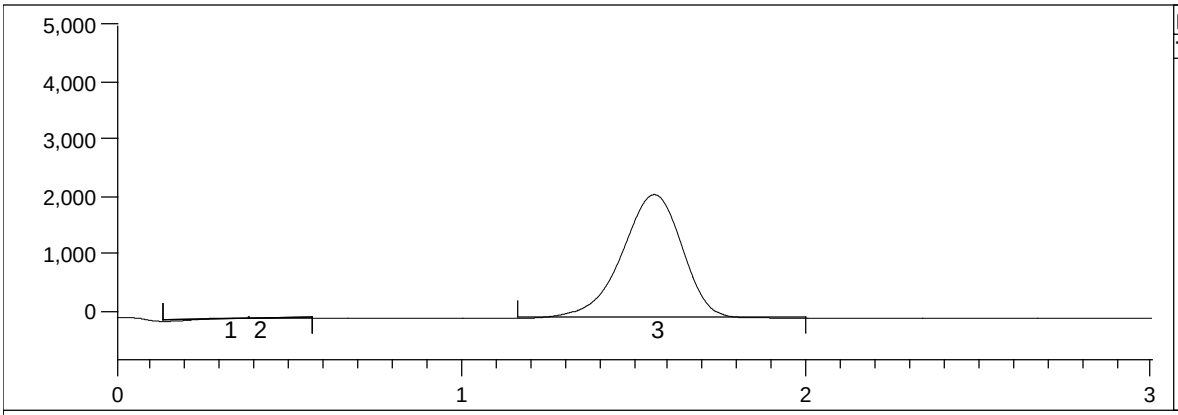
Date Analyzed: 9/4/12
Analyst Name: MLH



Date: 9/4/12
Time: 1:50 PM

Peak	rt	Area
1	0.28	1,323
2	0.34	85
3	1.56	169,166
4	2.24	166
5	2.27	16
6	2.73	537

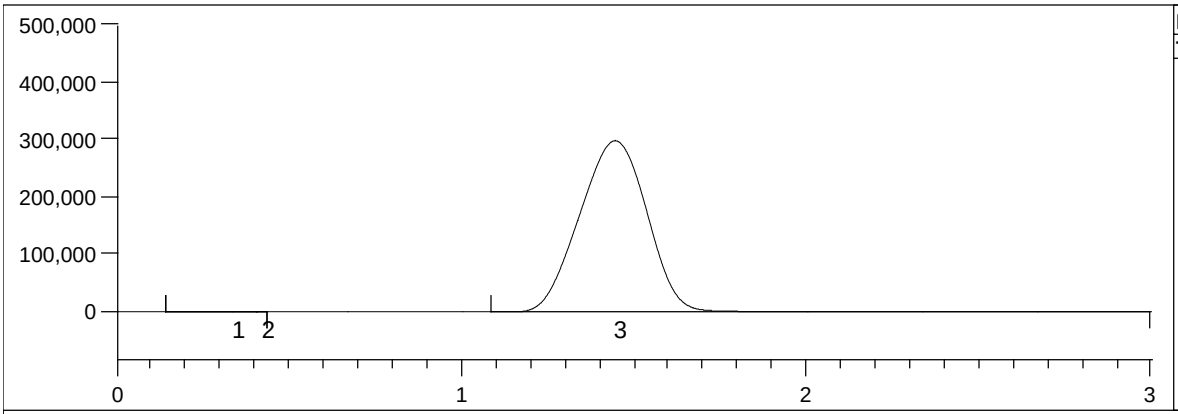
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
34		CCB	SEQ-CCB4		3	169,166	18.4		18.4	< 40	accept
Notes											



Date: 9/4/12
Time: 1:55 PM

Peak	rt	Area
1	0.31	3,382
2	0.40	1,588
3	1.55	268,576

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
35		CCB	SEQ-CCB5		3	268,576	29.3		29.3	< 40	accept
Notes											



Date: 9/4/12
Time: 2:01 PM

Peak	rt	Area
1	0.34	2,116
2	0.42	56
3	1.44	40,952,710

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
36		S	1234035-12RE1		3	40,952,710	4,450	0.00		< HS	accept
Notes											

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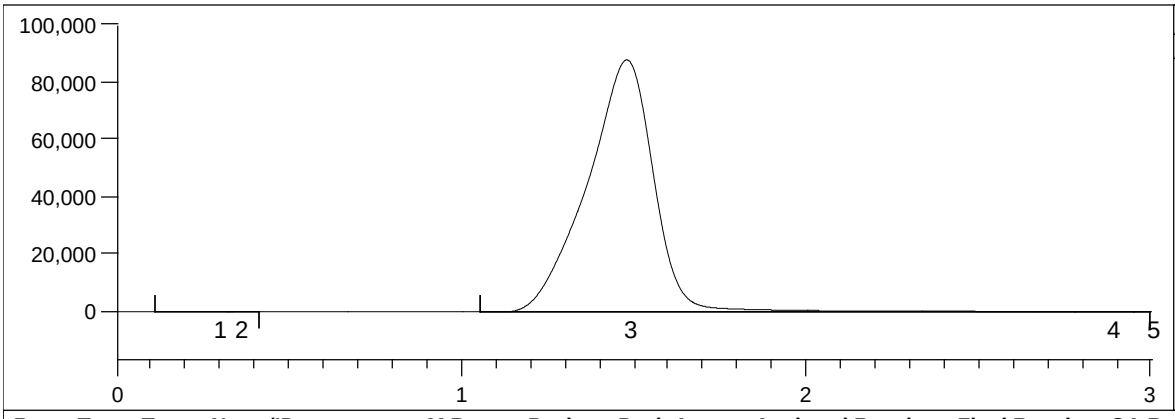
Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

Project Number(s): 1200682
Instrument ID: THG-05

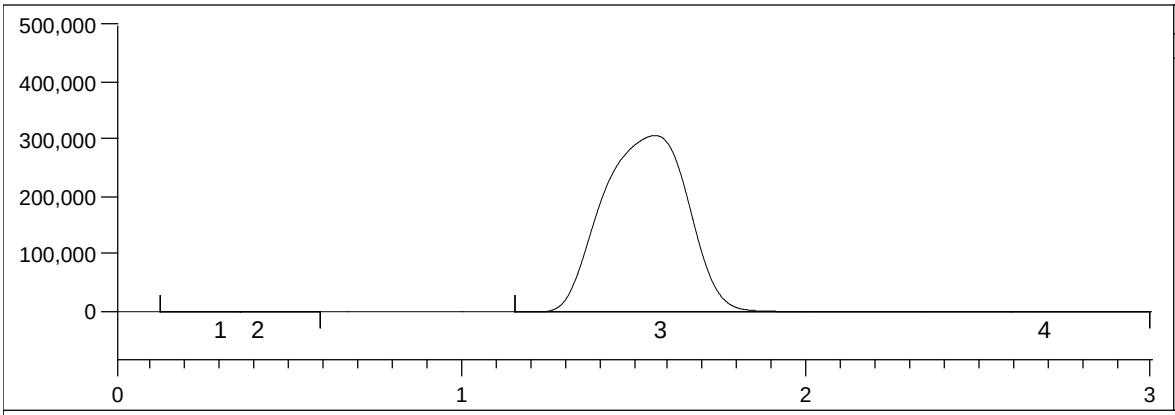
Date Analyzed: 9/4/12
Analyst Name: MLH



Date: 9/4/12
Time: 2:25 PM

Peak	rt	Area
1	0.28	1,680
2	0.34	433
3	1.47	11,910,647
4	2.87	1,348
5	2.99	64

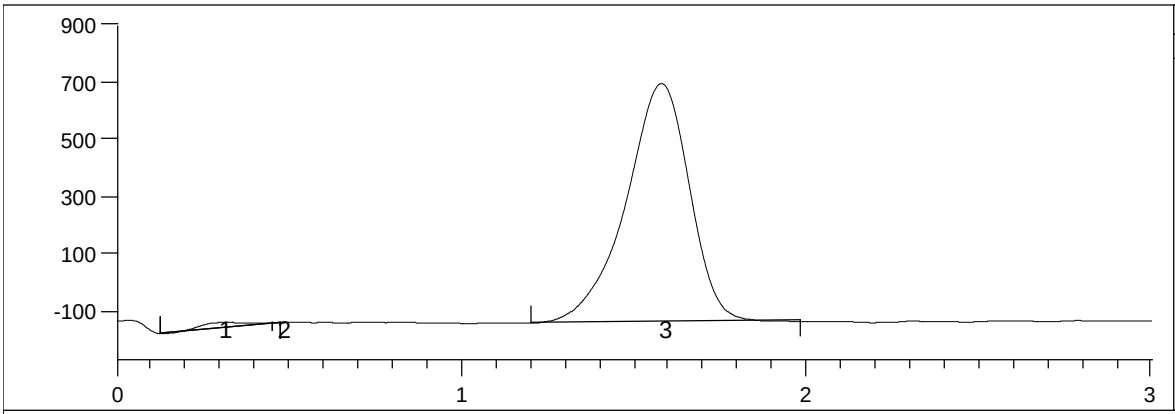
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
37		S	B121582-MSD1		3	11,910,647	1,290	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 2:30 PM

Peak	rt	Area
1	0.28	2,403
2	0.39	1,376
3	1.56	54,107,799
4	2.67	13,075

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
38		S	B121582-MS2		3	54,107,799	5,890	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 2:36 PM

Peak	rt	Area
1	0.30	2,118
2	0.47	19
3	1.57	108,781

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
39		CCB	SEQ-CCB6		3	108,781	11.8		11.8	< 40	accept
Notes											

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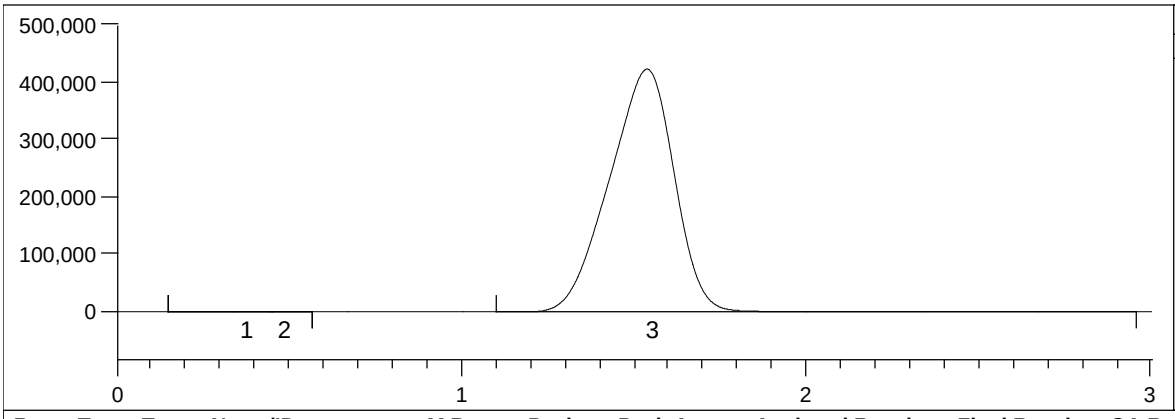
Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

Project Number(s): 1200682
Instrument ID: THG-05

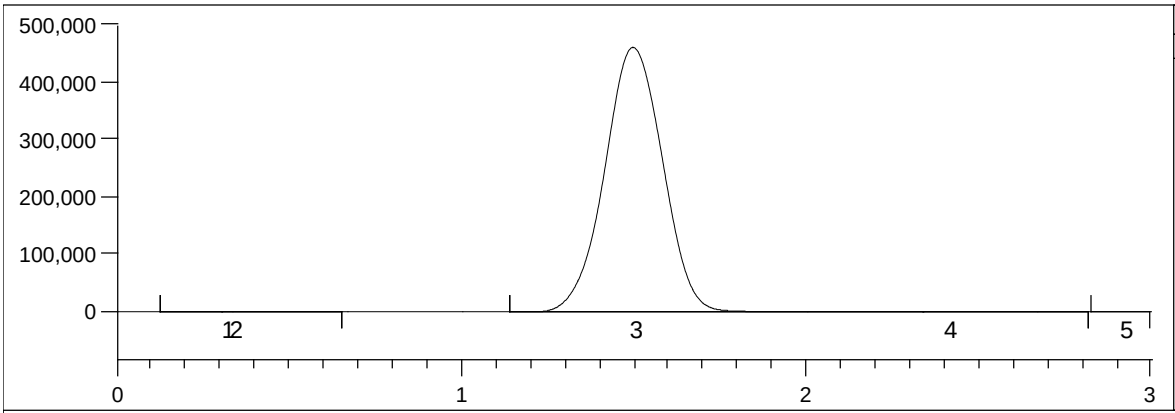
Date Analyzed: 9/4/12
Analyst Name: MLH



Date: 9/4/12
Time: 2:41 PM

Peak	rt	Area
1	0.36	2,750
2	0.47	498
3	1.53	55,775,572

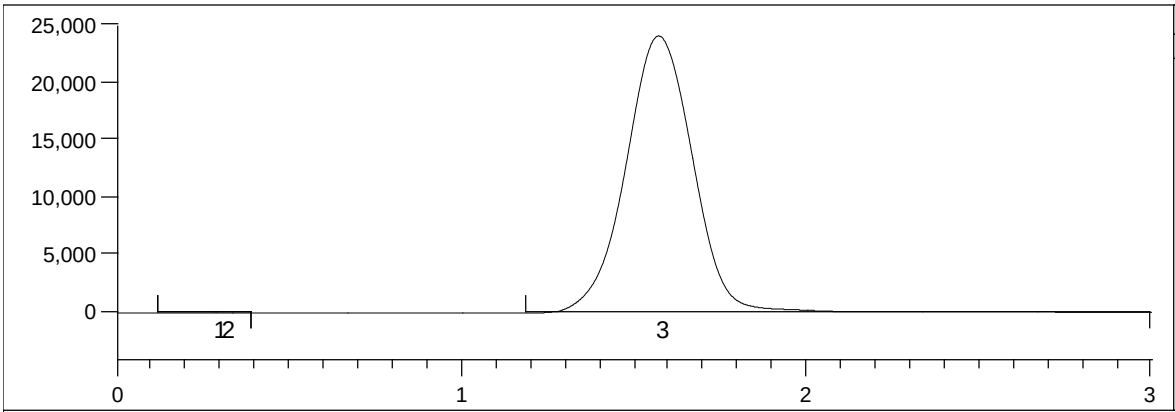
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
40		S	1235034-01RE1		3	55,775,572	6,070	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 2:45 PM

Peak	rt	Area
1	0.30	1,965
2	0.32	3,313
3	1.49	54,346,862
4	2.40	37,764
5	2.91	230

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
41		S	B121582-MSD2		3	54,346,862	5,910	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 2:51 PM

Peak	rt	Area
1	0.28	873
2	0.30	554
3	1.57	3,337,247

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
42		S	1233038-02RE1		3	3,337,247	358	0.00		< HS	accept
Notes											

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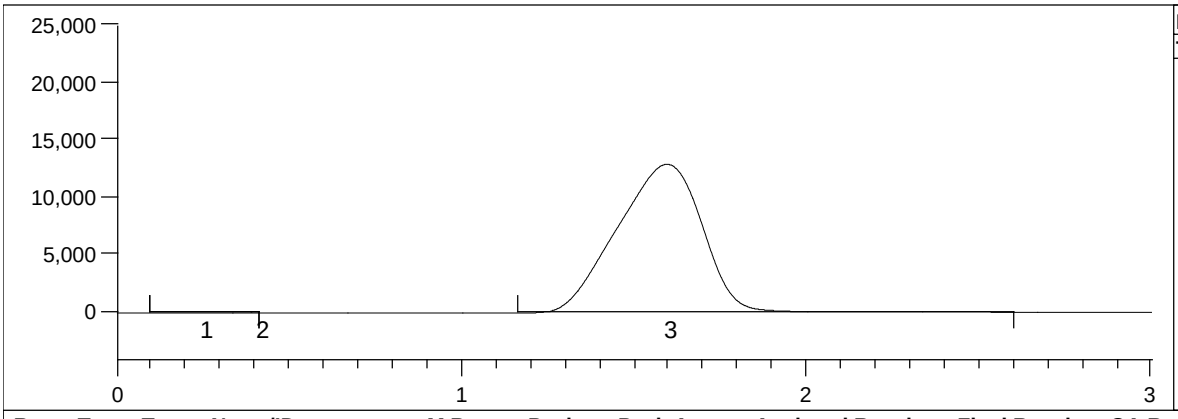
Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

Project Number(s): 1200682
Instrument ID: THG-05

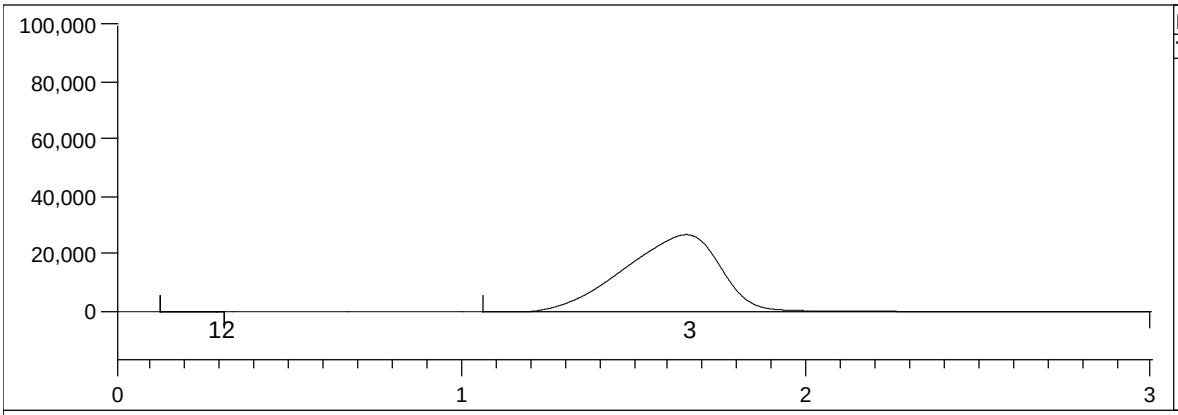
Date Analyzed: 9/4/12
Analyst Name: MLH



Date: 9/4/12
Time: 2:55 PM

Peak	rt	Area
1	0.24	1,738
2	0.41	18
3	1.59	2,271,250

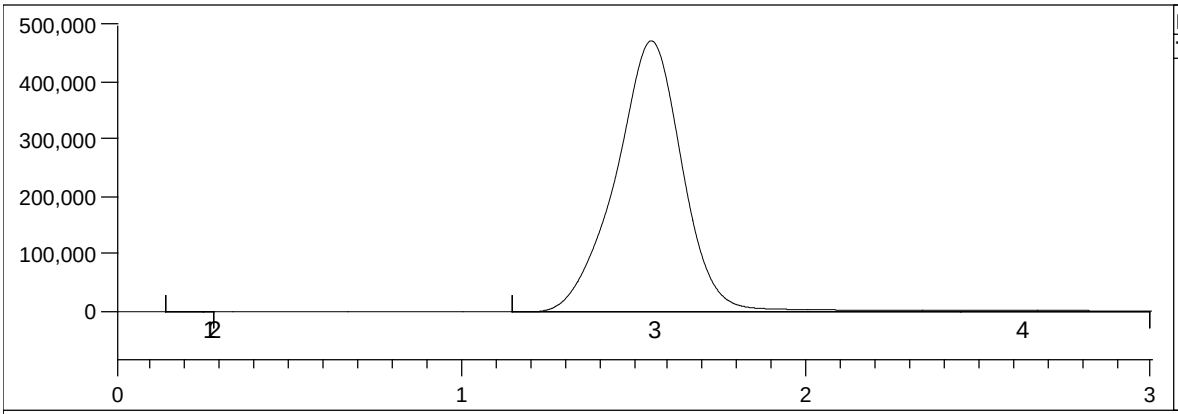
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
43		S	1235004-03		3	2,271,250	242	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 2:59 PM

Peak	rt	Area
1	0.26	485
2	0.30	48
3	1.65	5,421,978

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
44		S	1233038-09RE1		3	5,421,978	585	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 3:05 PM

Peak	rt	Area
1	0.25	256
2	0.27	61
3	1.54	63,944,096
4	2.61	322,307

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
45		S	B121582-MS3		3	63,944,096	6,960	0.00		< HS	accept
Notes											

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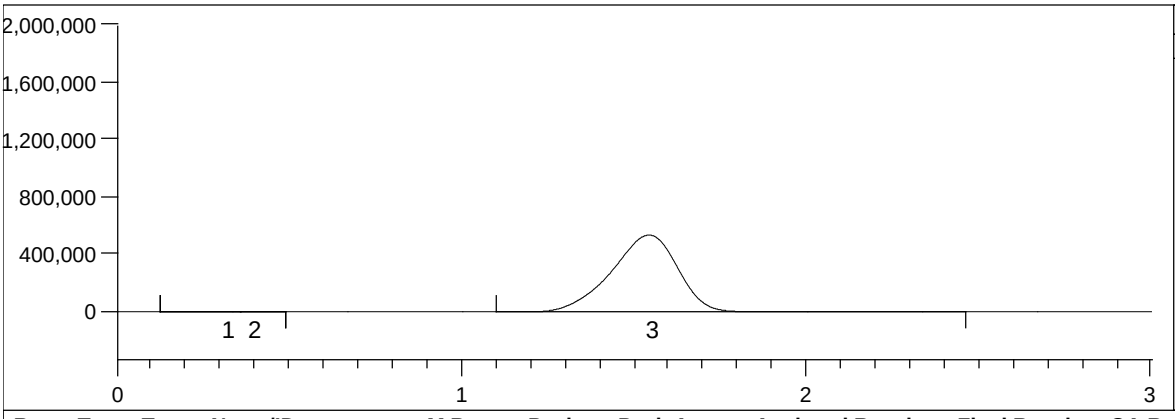
Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

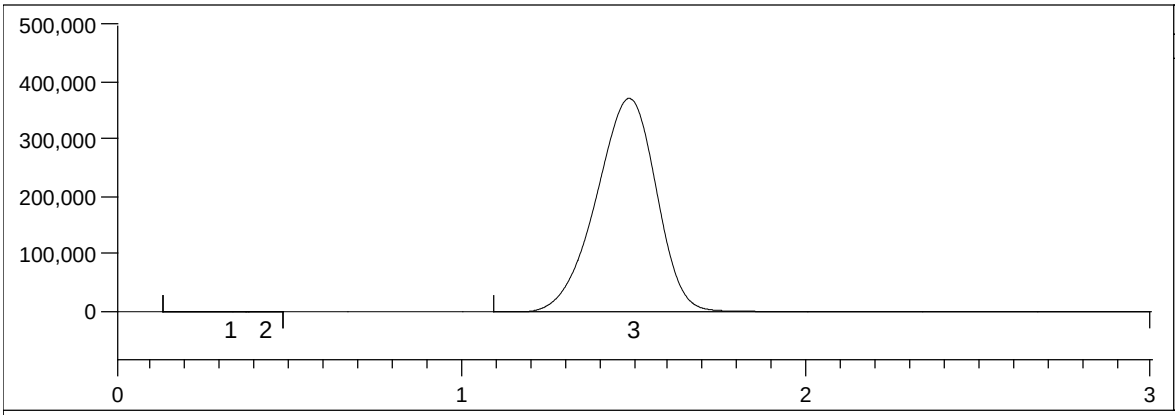
Project Number(s): 1200682 **Date Analyzed:** 9/4/12
Instrument ID: THG-05 **Analyst Name:** MLH



Date: 9/4/12
Time: 3:10 PM

Peak	rt	Area
1	0.30	2,050
2	0.38	681
3	1.54	72,339,617

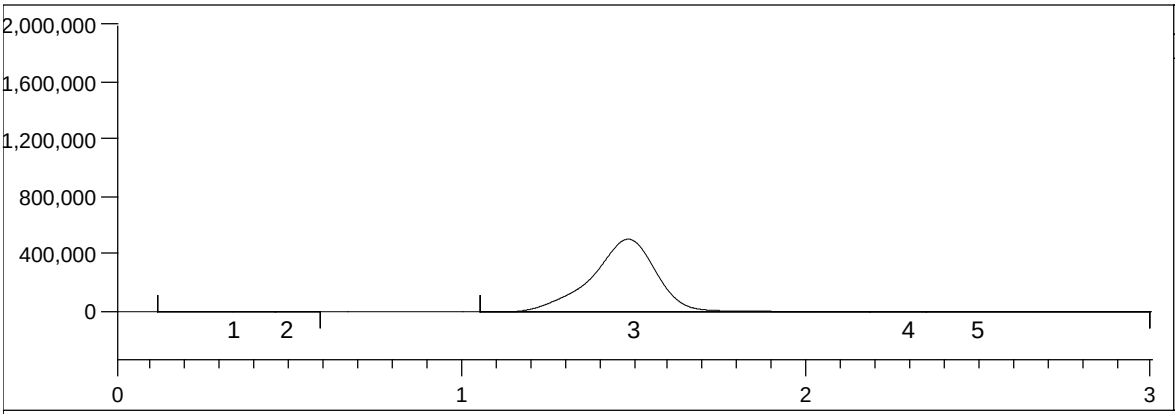
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
46		S	B121582-MSD3		3	72,339,617	7,870	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 3:14 PM

Peak	rt	Area
1	0.32	1,929
2	0.41	554
3	1.48	45,758,574

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
47		S	1234035-28RE1		3	45,758,574	4,980	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 3:18 PM

Peak	rt	Area
1	0.32	4,032
2	0.48	638
3	1.48	66,924,925
4	2.28	177,217
5	2.48	376,985

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
48		S	1235004-01RE1		3	66,924,925	7,280	0.00		< HS	accept
Notes											

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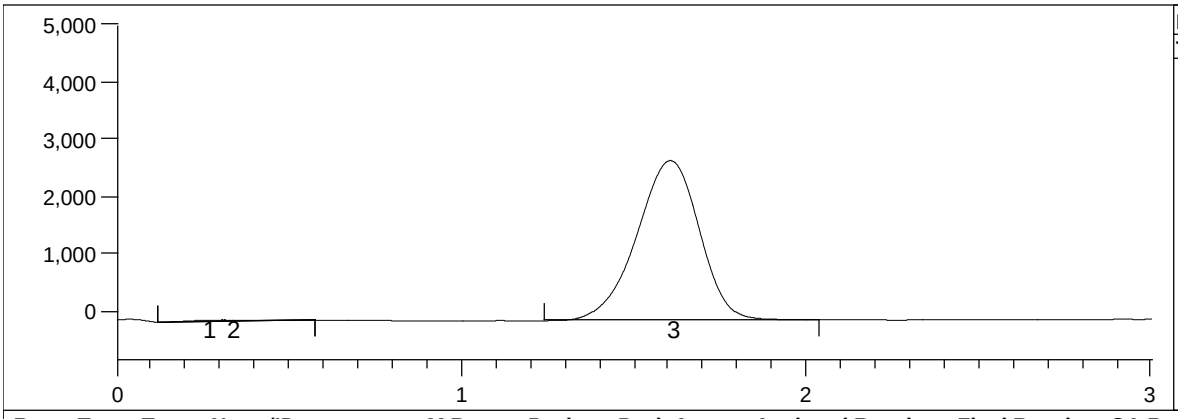
Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

Project Number(s): 1200682
Instrument ID: THG-05

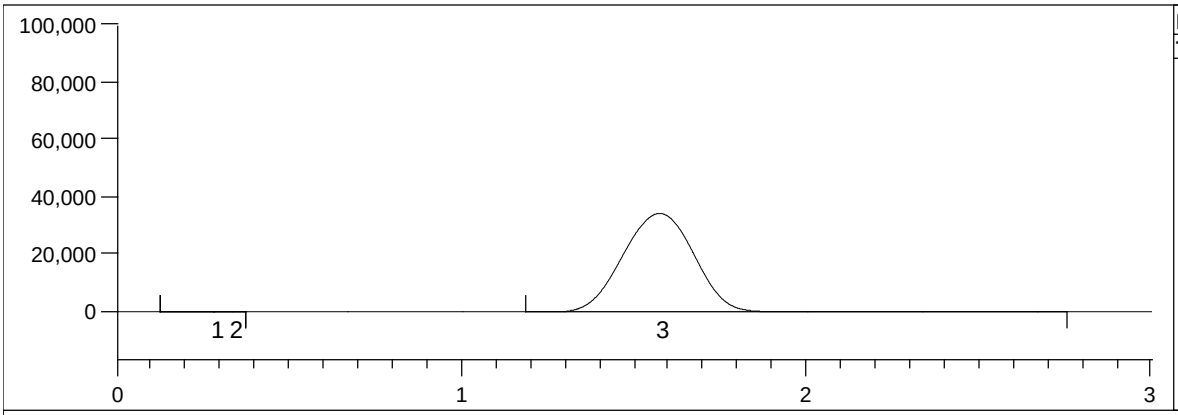
Date Analyzed: 9/4/12
Analyst Name: MLH



Date: 9/4/12
Time: 3:25 PM

Peak	rt	Area
1	0.25	1,824
2	0.32	1,802
3	1.60	356,442

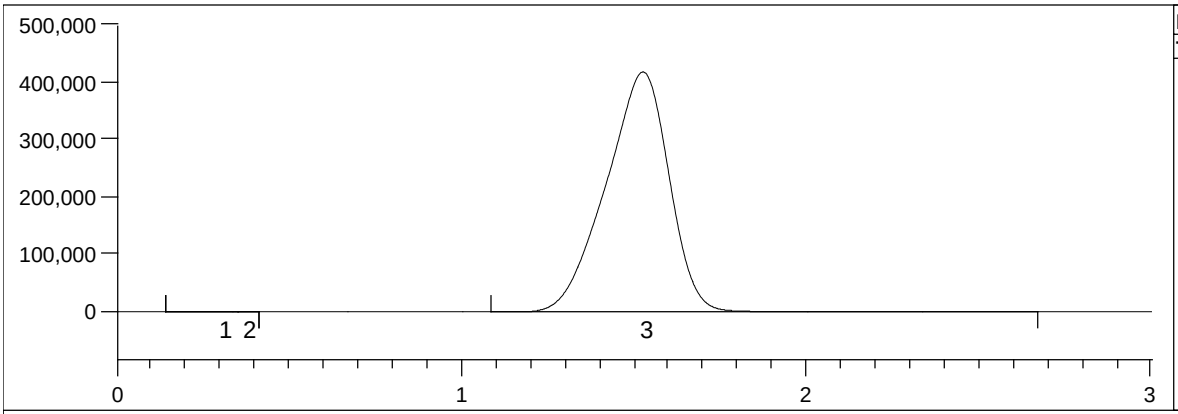
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
49		S	1233038-01RE1		3	356,442	33.6	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 3:30 PM

Peak	rt	Area
1	0.28	491
2	0.33	274
3	1.57	5,045,491

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
50		CCV	SEQ-CCV		3	5,045,491	544		109	77-123	accept
Notes											



Date: 9/4/12
Time: 3:35 PM

Peak	rt	Area
1	0.30	808
2	0.37	125
3	1.52	53,619,424

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
51		S	1235034-03		3	53,619,424	5,830	0.00		< HS	accept
Notes											

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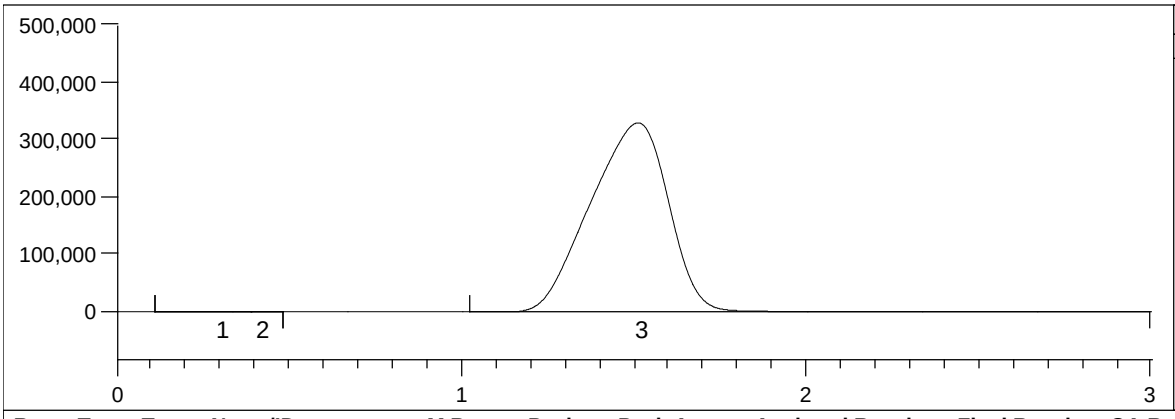
Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

Project Number(s): 1200682
Instrument ID: THG-05

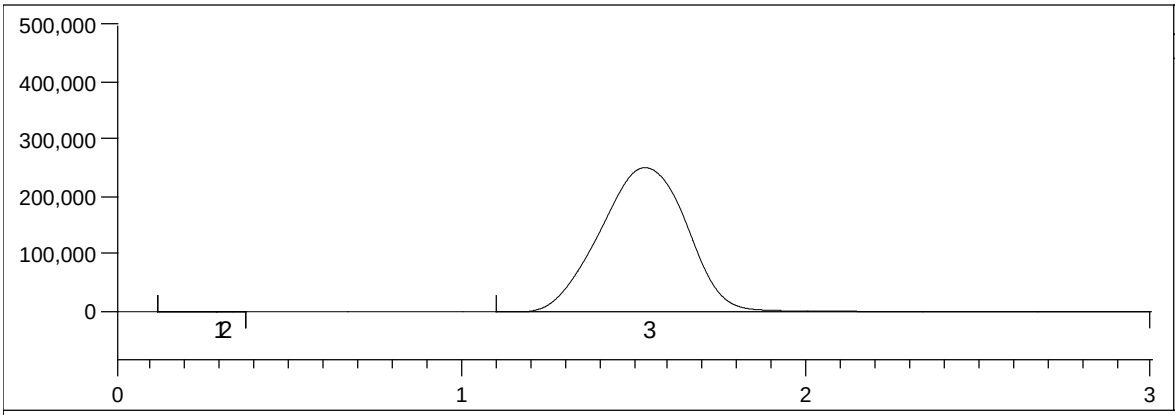
Date Analyzed: 9/4/12
Analyst Name: MLH



Date: 9/4/12
Time: 3:39 PM

Peak	rt	Area
1	0.29	2,189
2	0.40	323
3	1.51	52,411,751

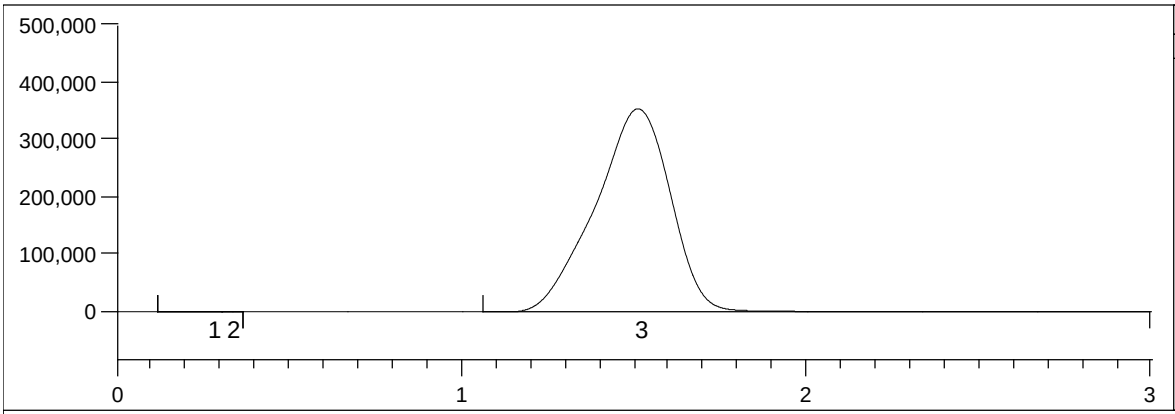
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
52		S	1235034-05		3	52,411,751	5,700	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 3:45 PM

Peak	rt	Area
1	0.28	636
2	0.30	287
3	1.53	44,945,460

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
53		S	1235034-07		3	44,945,460	4,890	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 3:49 PM

Peak	rt	Area
1	0.26	804
2	0.32	160
3	1.51	54,304,516

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
54		S	1235034-09		3	54,304,516	5,910	0.00		< HS	accept
Notes											

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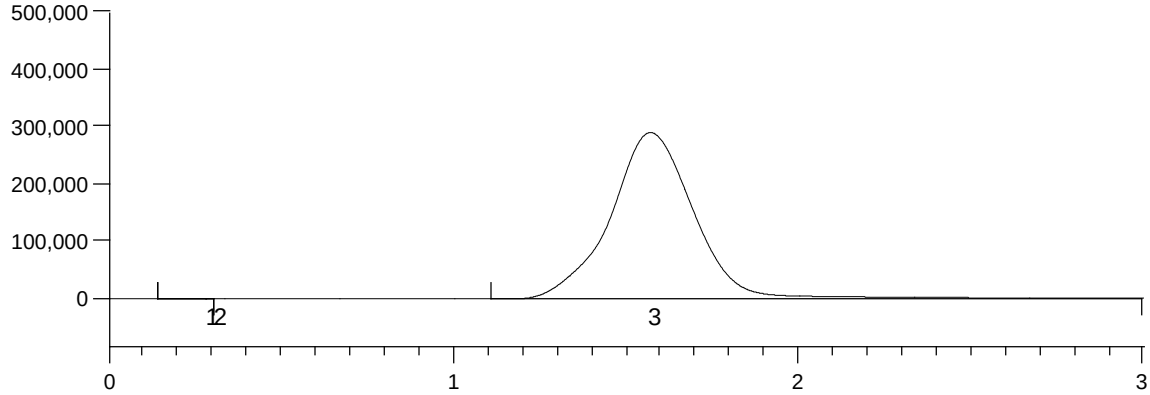
Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

Project Number(s): 1200682
Instrument ID: THG-05

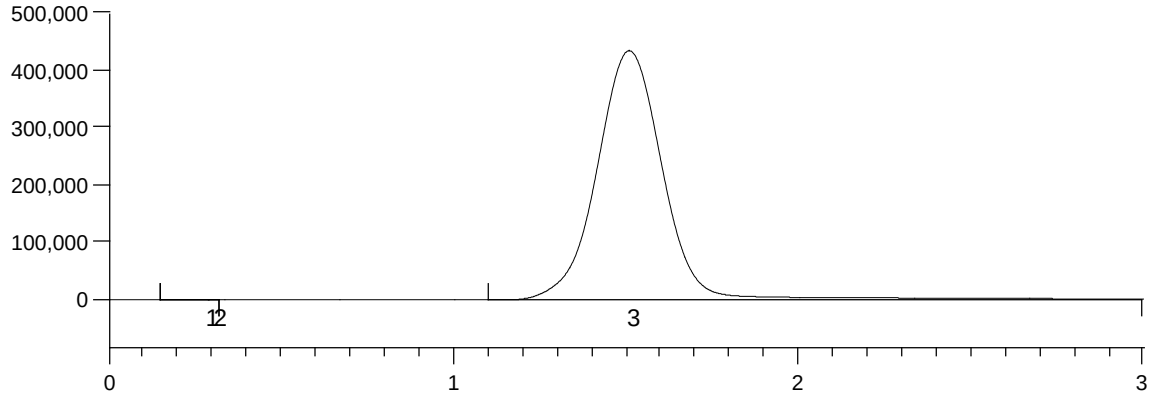
Date Analyzed: 9/4/12
Analyst Name: MLH



Date: 9/4/12
Time: 3:53 PM

Peak	rt	Area
1	0.28	346
2	0.30	25
3	1.57	49,022,094

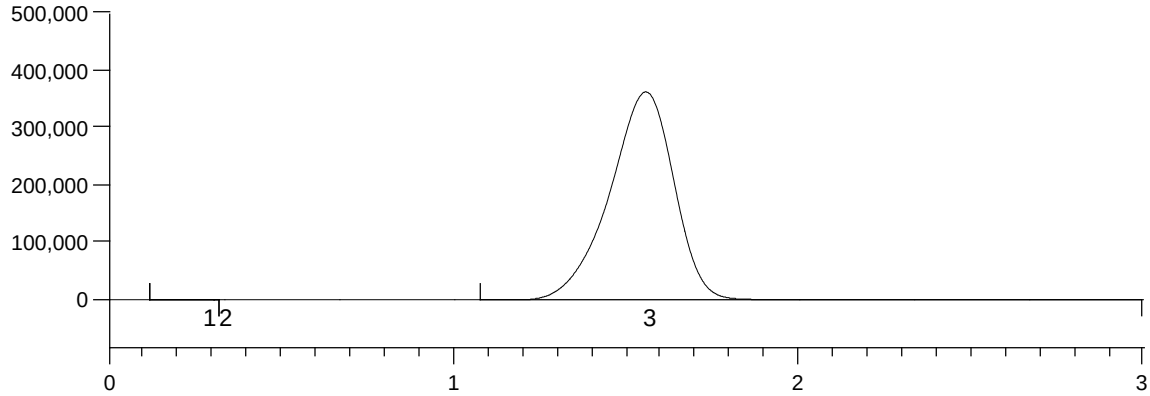
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
55		S	1235034-11		3	49,022,094	5,330	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 3:59 PM

Peak	rt	Area
1	0.28	298
2	0.31	52
3	1.50	57,775,530

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
56		S	1235034-13		3	57,775,530	6,290	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 4:05 PM

Peak	rt	Area
1	0.28	405
2	0.32	19
3	1.55	47,528,022

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
57		S	1235034-15		3	47,528,022	5,170	0.00		< HS	accept
Notes											

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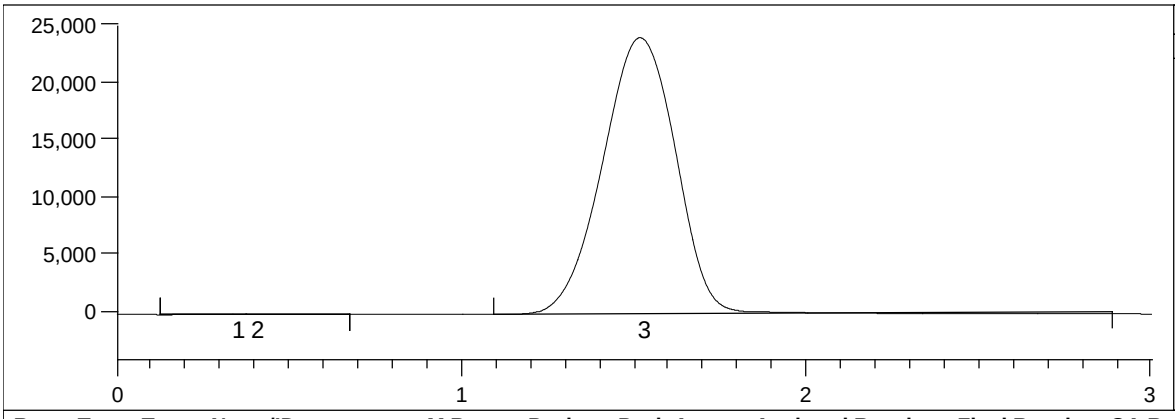
Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

Project Number(s): 1200682
Instrument ID: THG-05

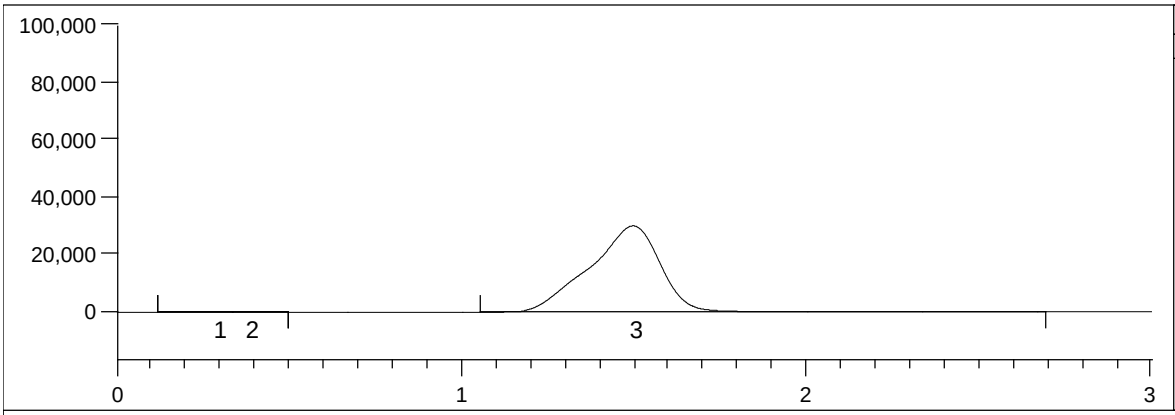
Date Analyzed: 9/4/12
Analyst Name: MLH



Date: 9/4/12
Time: 4:09 PM

Peak	rt	Area
1	0.34	2,538
2	0.39	2,102
3	1.51	3,625,027

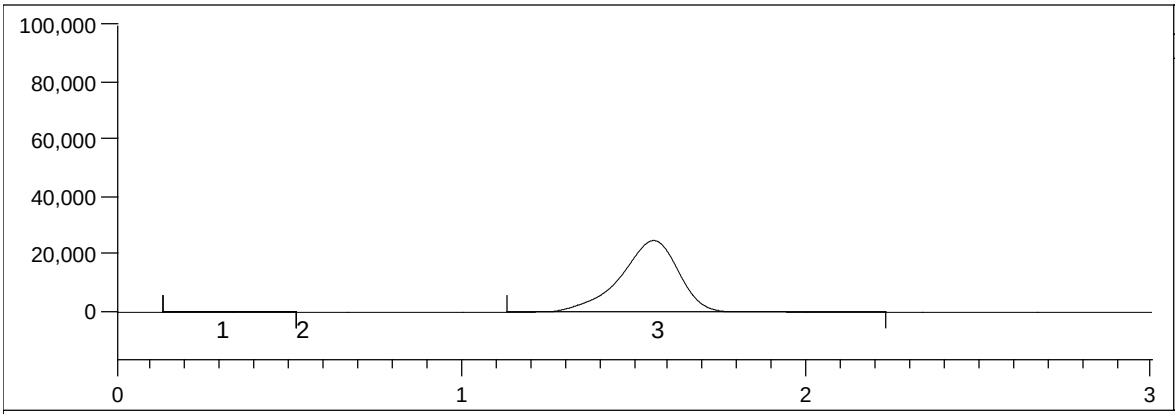
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
58		S	1233038-03		3	3,625,027	390.	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 4:13 PM

Peak	rt	Area
1	0.28	1,040
2	0.38	703
3	1.49	4,434,409

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
59		S	1233038-10		3	4,434,409	478	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 4:18 PM

Peak	rt	Area
1	0.29	2,071
2	0.52	12
3	1.55	3,027,743

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
60		S	1233033-02		3	3,027,743	324	0.00		< HS	accept
Notes											

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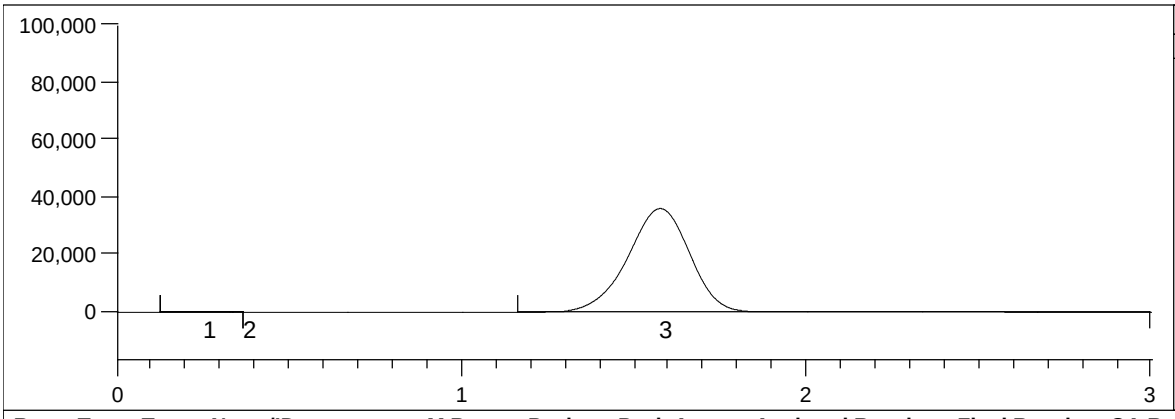
Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

Project Number(s): 1200682
Instrument ID: THG-05

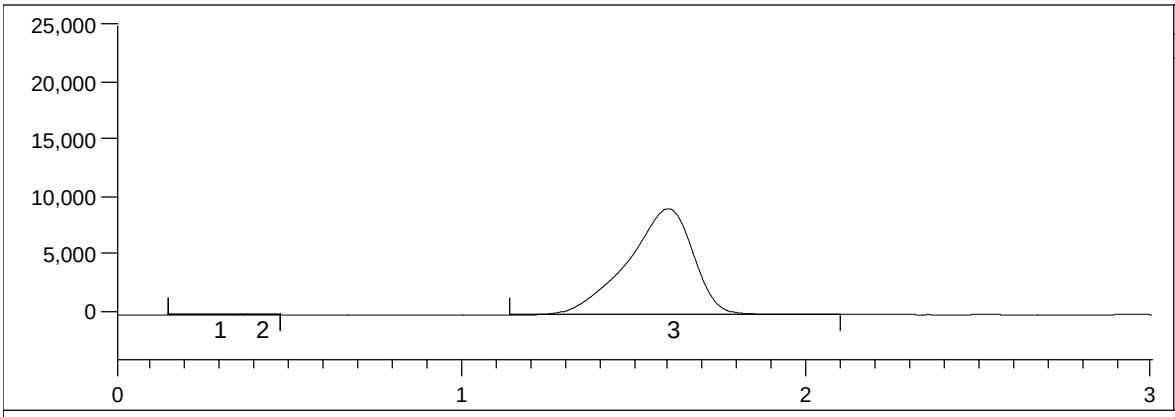
Date Analyzed: 9/4/12
Analyst Name: MLH



Date: 9/4/12
Time: 4:24 PM

Peak	rt	Area
1	0.25	577
2	0.37	18
3	1.57	4,676,448

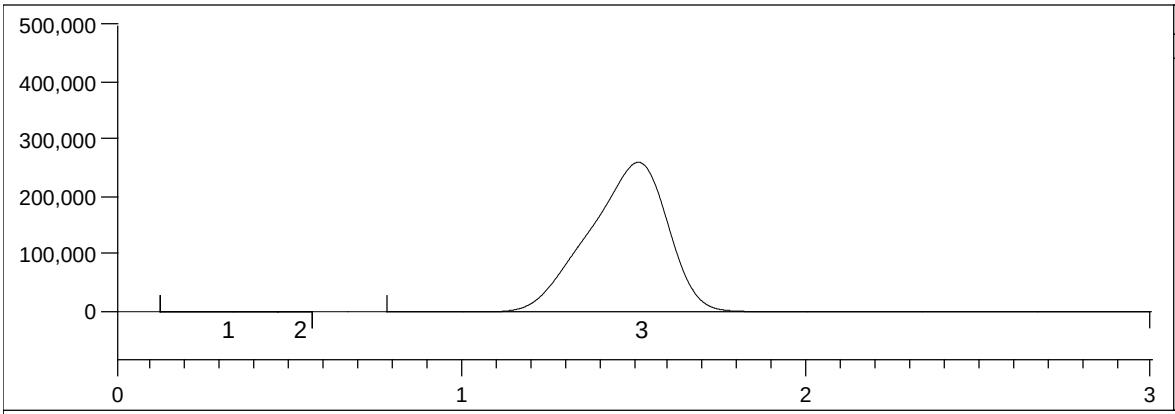
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
61		CCV	SEQ-CCV		3	4,676,448	504		101	77-123	accept
Notes											



Date: 9/4/12
Time: 4:29 PM

Peak	rt	Area
1	0.28	730
2	0.41	242
3	1.59	1,249,134

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
62		S	1233033-03		3	1,249,134	131	0.00		< HS	accept
Notes											



Date: 9/4/12
Time: 4:37 PM

Peak	rt	Area
1	0.30	1,174
2	0.52	183
3	1.51	41,925,970

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
63		S	1235006-01		3	41,925,970	4,560	0.00		< HS	accept
Notes											

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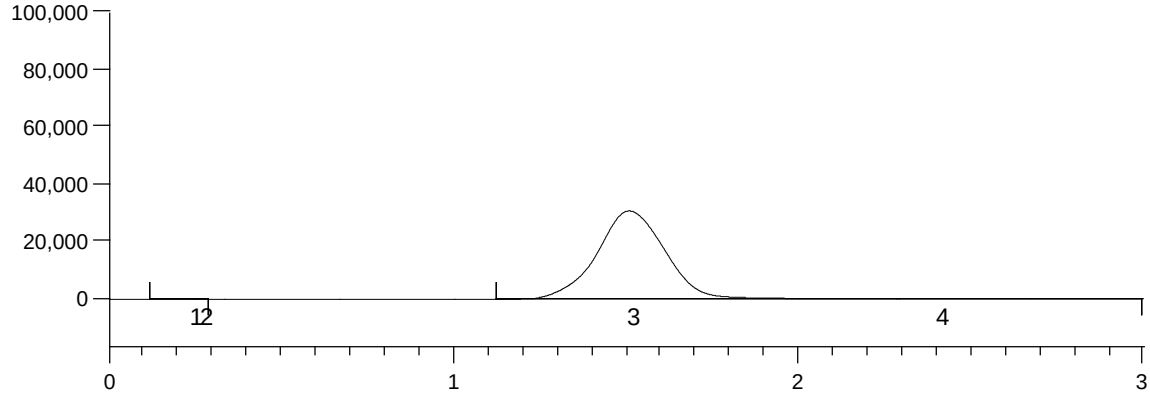
Peak Report

Batch Number: B121582
Method Number: CVAFS BR-0006

Project Number(s): 1200682
Instrument ID: THG-05

Date Analyzed: 9/4/12
Analyst Name: MLH



Date: 9/4/12
Time: 4:40 PM

Peak	rt	Area
1	0.24	337
2	0.26	71
3	1.50	4,409,685
4	2.40	54,451

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
64		CCV	SEQ-CCV		3	4,409,685	475		95.0	77-123	accept
Notes											

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ANALYSIS SEQUENCE

1200711

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200711-ICB1	1200711	QC	1		-			
1200711-CAL1	1200711	QC	2	1228062	-			
1200711-CAL2	1200711	QC	3	1228061	-			
1200711-CAL3	1200711	QC	4	1228060	-			
1200711-CAL4	1200711	QC	5	1228059	-			
1200711-CAL5	1200711	QC	6	1228058	-			
1200711-CAL6	1200711	QC	7	1228057	-			
1200711-CAL7	1200711	QC	8	1228056	-			
1200711-CAL8	1200711	QC	9	1228055	-			
1200711-ICB2	1200711	QC	10		-			
1200711-ICV1	1200711	QC	11	1217029	-			
1200711-ICB3	1200711	QC	12		-			
1200711-IBL1	1200711	QC	13		-			
1200711-IBL2	1200711	QC	14		-			
1200711-IBL3	1200711	QC	15		-			
1200711-IBL4	1200711	QC	16		-			
1200711-SCV1	1200711	QC	17	1215030	-			
1200711-CCV1	1200711	QC	18	1228059	-			
1200711-CCB1	1200711	QC	19		-			
1200711-CCV2	1200711	QC	20	1228059	-			
1200711-CCB2	1200711	QC	21		-			
1200711-CCV3	1200711	QC	22	1228059	-			
1200711-CCB3	1200711	QC	23		-			
1200711-CCV4	1200711	QC	24	1228059	-			
1200711-CCB4	1200711	QC	25		-			
B121703-BLK1	B121703	QC	26		-			

ANALYSIS SEQUENCE

1200711

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
B121703-BLK2	B121703	QC	27		-			
B121703-BLK3	B121703	QC	28		-			
B121703-BLK4	B121703	QC	29		-			
B121703-BS1	B121703	QC	30		-			
B121703-SRM1	B121703	QC	31		-			
1233033-01RE2	B121703	V-FW-Oven-ICPMS-TR	32			ENV-SS1201	9/10/2012	Qualify H
1233033-01RE2	B121703	Sn-FW-Oven-ICPMS-TR	33			ENV-SS1201	9/10/2012	Qualify H
1233033-01RE2	B121703	Mo-FW-Oven-ICPMS-TR	34			ENV-SS1201	9/10/2012	Qualify H
1233033-02RE2	B121703	V-FW-Oven-ICPMS-TR	35			ENV-SS1201	9/10/2012	Qualify H
1233033-02RE2	B121703	Sn-FW-Oven-ICPMS-TR	36			ENV-SS1201	9/10/2012	Qualify H
1233033-02RE2	B121703	Mo-FW-Oven-ICPMS-TR	37			ENV-SS1201	9/10/2012	Qualify H
B121703-DUP1	B121703	QC	38		1233033-02RE2			
B121703-MS1	B121703	QC	39		1233033-02RE2			
B121703-MSD1	B121703	QC	40		1233033-02RE2			
1200711-CCV5	1200711	QC	41	1228059	-			
1200711-CCB5	1200711	QC	42		-			
1233033-03RE2	B121703	V-FW-Oven-ICPMS-TR	43			ENV-SS1201	9/10/2012	Qualify H
1233033-03RE2	B121703	Sn-FW-Oven-ICPMS-TR	44			ENV-SS1201	9/10/2012	Qualify H
1233033-03RE2	B121703	Mo-FW-Oven-ICPMS-TR	45			ENV-SS1201	9/10/2012	Qualify H
1233033-01RE3	B121703	V-FW-Oven-ICPMS-TR	46			ENV-SS1201	9/10/2012	Qualify H
1233033-01RE3	B121703	Sn-FW-Oven-ICPMS-TR	47			ENV-SS1201	9/10/2012	Qualify H
1233033-01RE3	B121703	Mo-FW-Oven-ICPMS-TR	48			ENV-SS1201	9/10/2012	Qualify H
1233033-02RE3	B121703	V-FW-Oven-ICPMS-TR	49			ENV-SS1201	9/10/2012	Qualify H
1233033-02RE3	B121703	Sn-FW-Oven-ICPMS-TR	50			ENV-SS1201	9/10/2012	Qualify H
1233033-02RE3	B121703	Mo-FW-Oven-ICPMS-TR	51			ENV-SS1201	9/10/2012	Qualify H
B121703-DUP2	B121703	QC	52		1233033-02RE3			

ANALYSIS SEQUENCE

1200711

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
B121703-MS2	B121703	QC	53		1233033-02RE3			
B121703-MSD2	B121703	QC	54		1233033-02RE3			
1233033-03RE3	B121703	V-FW-Oven-ICPMS-TR	55			ENV-SS1201	9/10/2012	Qualify H
1233033-03RE3	B121703	Sn-FW-Oven-ICPMS-TR	56			ENV-SS1201	9/10/2012	Qualify H
1233033-03RE3	B121703	Mo-FW-Oven-ICPMS-TR	57			ENV-SS1201	9/10/2012	Qualify H
1200711-CCV6	1200711	QC	58	1228059	-			
1200711-CCB6	1200711	QC	59		-			
B121546-BLK1	B121546	QC	60		-			
B121546-BLK2	B121546	QC	61		-			
B121546-BLK3	B121546	QC	62		-			
B121546-BLK4	B121546	QC	63		-			
B121546-BS1	B121546	QC	64		-			
B121546-SRM1	B121546	QC	65		-			
B121546-SRM2	B121546	QC	66		-			
1234009-01	B121546	Cu-B-HNO3-ICPMS	67			AVR-GA1201	9/13/2012	
1234009-02	B121546	Cu-B-HNO3-ICPMS	68			AVR-GA1201	9/13/2012	
1234009-03	B121546	Cu-B-HNO3-ICPMS	69			AVR-GA1201	9/13/2012	
1200711-CCV7	1200711	QC	70	1228058	-			
1200711-CCB7	1200711	QC	71		-			
1234009-04	B121546	Cu-B-HNO3-ICPMS	72			AVR-GA1201	9/13/2012	
1234009-05	B121546	Cu-B-HNO3-ICPMS	73			AVR-GA1201	9/13/2012	
1234009-06	B121546	Cu-B-HNO3-ICPMS	74			AVR-GA1201	9/13/2012	
1234009-07	B121546	Cu-B-HNO3-ICPMS	75			AVR-GA1201	9/13/2012	
1234009-08	B121546	Cu-B-HNO3-ICPMS	76			AVR-GA1201	9/13/2012	
1234009-09	B121546	Cu-B-HNO3-ICPMS	77			AVR-GA1201	9/13/2012	
1234009-10	B121546	Cu-B-HNO3-ICPMS	78			AVR-GA1201	9/13/2012	

ANALYSIS SEQUENCE

1200711

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
B121546-DUP1	B121546	QC	79		1234009-10			
B121546-MS1	B121546	QC	80		1234009-10			
B121546-MSD1	B121546	QC	81		1234009-10			
1200711-CCV8	1200711	QC	82	1228058	-			
1200711-CCB8	1200711	QC	83		-			
1234009-11	B121546	Cu-B-HNO3-ICPMS	84			AVR-GA1201	9/13/2012	
1234009-12	B121546	Cu-B-HNO3-ICPMS	85			AVR-GA1201	9/13/2012	
1234009-13	B121546	Cu-B-HNO3-ICPMS	86			AVR-GA1201	9/13/2012	
B121546-DUP2	B121546	QC	87		1234009-13			
B121546-MS2	B121546	QC	88		1234009-13			
B121546-MSD2	B121546	QC	89		1234009-13			
1234009-27	B121546	Cu-B-HNO3-ICPMS	90			AVR-GA1201	9/13/2012	
1234009-28	B121546	Cu-B-HNO3-ICPMS	91			AVR-GA1201	9/13/2012	
1234009-29	B121546	Cu-B-HNO3-ICPMS	92			AVR-GA1201	9/13/2012	
1200711-CCV9	1200711	QC	93	1228058	-			
1200711-CCB9	1200711	QC	94		-			
B121546-DUP3	B121546	QC	95		1234009-29			
B121546-MS3	B121546	QC	96		1234009-29			
B121546-MSD3	B121546	QC	97		1234009-29			
1234009-32	B121546	Cu-B-HNO3-ICPMS	98			AVR-GA1201	9/13/2012	
1234009-33	B121546	Cu-B-HNO3-ICPMS	99			AVR-GA1201	9/13/2012	
1234009-34	B121546	Cu-B-HNO3-ICPMS	100			AVR-GA1201	9/13/2012	
1234009-35	B121546	Cu-B-HNO3-ICPMS	101			AVR-GA1201	9/13/2012	
1234009-36	B121546	Cu-B-HNO3-ICPMS	102			AVR-GA1201	9/13/2012	
1234009-37	B121546	Cu-B-HNO3-ICPMS	103			AVR-GA1201	9/13/2012	
1234009-38	B121546	Cu-B-HNO3-ICPMS	104			AVR-GA1201	9/13/2012	

ANALYSIS SEQUENCE

1200711

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200711-CCVA	1200711	QC	105	1228058	-			
1200711-CCBA	1200711	QC	106		-			
B121544-BLK1	B121544	QC	107		-			
B121544-BLK2	B121544	QC	108		-			
B121544-BLK3	B121544	QC	109		-			
B121544-BLK4	B121544	QC	110		-			
0944029-92	B121544	Se-SW-RP-ICPMS-TR	111			RP SW-LFB	10/23/2009	
B121544-MS3	B121544	QC	112		0944029-92			
B121544-SRM1	B121544	QC	113		-			
B121544-BS1	B121544	QC	114		-			
1233038-04	B121544	Se-SW-RP-ICPMS-TR	115			UDE-SL1201	10/2/2012	
1233038-05	B121544	Se-SW-RP-ICPMS-TR	116			UDE-SL1201	10/2/2012	
1200711-CCVB	1200711	QC	117	1228058	-			
1200711-CCBB	1200711	QC	118		-			
1233038-06	B121544	Se-SW-RP-ICPMS-TR	119			UDE-SL1201	10/2/2012	
1233038-07	B121544	Se-SW-RP-ICPMS-TR	120			UDE-SL1201	10/2/2012	
1233038-11	B121544	Se-SW-RP-ICPMS-TR	121			UDE-SL1201	10/2/2012	
1233038-12	B121544	Se-SW-RP-ICPMS-TR	122			UDE-SL1201	10/2/2012	
B121544-DUP2	B121544	QC	123		1233038-12			
B121544-MS2	B121544	QC	124		1233038-12			
B121544-MSD2	B121544	QC	125		1233038-12			
1200711-CCVC	1200711	QC	126	1228058	-			
1200711-CCBC	1200711	QC	127		-			
B121547-BLK1	B121547	QC	128		-			
B121547-BLK2	B121547	QC	129		-			
B121547-BLK3	B121547	QC	130		-			

ANALYSIS SEQUENCE

1200711

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
B121547-BLK4	B121547	QC	131		-			
1234009-14	B121547	Cu-FW-Oven-ICPMS-TR	132			AVR-GA1201	9/13/2012	
1234009-15	B121547	Cu-FW-Oven-ICPMS-TR	133			AVR-GA1201	9/13/2012	
1234009-16	B121547	Cu-FW-Oven-ICPMS-TR	134			AVR-GA1201	9/13/2012	
1234009-17	B121547	Cu-FW-Oven-ICPMS-TR	135			AVR-GA1201	9/13/2012	
1234009-18	B121547	Cu-FW-Oven-ICPMS-TR	136			AVR-GA1201	9/13/2012	
1234009-19	B121547	Cu-FW-Oven-ICPMS-TR	137			AVR-GA1201	9/13/2012	
1234009-20	B121547	Cu-FW-Oven-ICPMS-TR	138			AVR-GA1201	9/13/2012	
B121547-DUP1	B121547	QC	139		1234009-16			
B121547-MS1	B121547	QC	140		1234009-16			
B121547-MSD1	B121547	QC	141		1234009-16			
1200711-CCVD	1200711	QC	142	1228058	-			
1200711-CCBD	1200711	QC	143		-			
1234009-21	B121547	Cu-FW-Oven-ICPMS-TR	144			AVR-GA1201	9/13/2012	
1234009-22	B121547	Cu-FW-Oven-ICPMS-TR	145			AVR-GA1201	9/13/2012	
1234009-23	B121547	Cu-FW-Oven-ICPMS-TR	146			AVR-GA1201	9/13/2012	
1234009-24	B121547	Cu-FW-Oven-ICPMS-TR	147			AVR-GA1201	9/13/2012	
1234009-25	B121547	Cu-FW-Oven-ICPMS-TR	148			AVR-GA1201	9/13/2012	
1234009-26	B121547	Cu-FW-Oven-ICPMS-TR	149			AVR-GA1201	9/13/2012	
B121547-MSD2	B121547	QC	150		1234009-23			
B121547-MS2	B121547	QC	151		1234009-23			
B121547-DUP2	B121547	QC	152		1234009-23			
1200711-CCVE	1200711	QC	153	1228058	-			
1200711-CCBE	1200711	QC	154		-			
B121541-BLK1	B121541	QC	155		-			
B121541-BLK2	B121541	QC	156		-			

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
B121541-BLK3	B121541	QC	157		-			
B121541-BLK4	B121541	QC	158		-			
B121541-BS1	B121541	QC	159		-			
B121541-SRM1	B121541	QC	160		-			
1232005-34	B121541	Sr-FW-Oven-ICPMS-Diss	161			USG-SE1201	9/4/2012	DNS
1232005-34	B121541	Mn-FW-Oven-ICPMS-Diss	162			USG-SE1201	9/4/2012	DNS
1232005-34	B121541	Mg-FW-Oven-ICPMS-Diss	163			USG-SE1201	9/4/2012	DNS
1232005-34	B121541	Ca-FW-Oven-ICPMS-Diss	164			USG-SE1201	9/4/2012	DNS
1232005-34	B121541	Ba-FW-Oven-ICPMS-Diss	165			USG-SE1201	9/4/2012	DNS
1234002-03	B121541	Sr-FW-Oven-ICPMS-Diss	166			USG-SE1201	9/12/2012	DNS
1234002-03	B121541	Mn-FW-Oven-ICPMS-Diss	167			USG-SE1201	9/12/2012	DNS
1234002-03	B121541	Mg-FW-Oven-ICPMS-Diss	168			USG-SE1201	9/12/2012	DNS
1234002-03	B121541	Ca-FW-Oven-ICPMS-Diss	169			USG-SE1201	9/12/2012	DNS
1234002-03	B121541	Ba-FW-Oven-ICPMS-Diss	170			USG-SE1201	9/12/2012	DNS
1232005-01	B121541	Sr-FW-Oven-ICPMS-Diss	171			USG-SE1201	9/4/2012	DNS
1232005-01	B121541	Mn-FW-Oven-ICPMS-Diss	172			USG-SE1201	9/4/2012	DNS
1232005-01	B121541	Mg-FW-Oven-ICPMS-Diss	173			USG-SE1201	9/4/2012	DNS
1232005-01	B121541	Ca-FW-Oven-ICPMS-Diss	174			USG-SE1201	9/4/2012	DNS
1232005-01	B121541	Ba-FW-Oven-ICPMS-Diss	175			USG-SE1201	9/4/2012	DNS
1200711-CCVF	1200711	QC	176	1228057	-			
1200711-CCBF	1200711	QC	177		-			
1232005-02	B121541	Sr-FW-Oven-ICPMS-Diss	178			USG-SE1201	9/4/2012	DNS
1232005-02	B121541	Mn-FW-Oven-ICPMS-Diss	179			USG-SE1201	9/4/2012	DNS
1232005-02	B121541	Mg-FW-Oven-ICPMS-Diss	180			USG-SE1201	9/4/2012	DNS
1232005-02	B121541	Ca-FW-Oven-ICPMS-Diss	181			USG-SE1201	9/4/2012	DNS
1232005-02	B121541	Ba-FW-Oven-ICPMS-Diss	182			USG-SE1201	9/4/2012	DNS

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
B121541-DUP1	B121541	QC	183		1232005-02			
B121541-MS1	B121541	QC	184		1232005-02			
B121541-MSD1	B121541	QC	185		1232005-02			
1232005-03	B121541	Sr-FW-Oven-ICPMS-Diss	186			USG-SE1201	9/4/2012	DNS
1232005-03	B121541	Mn-FW-Oven-ICPMS-Diss	187			USG-SE1201	9/4/2012	DNS
1232005-03	B121541	Mg-FW-Oven-ICPMS-Diss	188			USG-SE1201	9/4/2012	DNS
1232005-03	B121541	Ca-FW-Oven-ICPMS-Diss	189			USG-SE1201	9/4/2012	DNS
1232005-03	B121541	Ba-FW-Oven-ICPMS-Diss	190			USG-SE1201	9/4/2012	DNS
1232005-04	B121541	Sr-FW-Oven-ICPMS-Diss	191			USG-SE1201	9/4/2012	DNS
1232005-04	B121541	Mn-FW-Oven-ICPMS-Diss	192			USG-SE1201	9/4/2012	DNS
1232005-04	B121541	Mg-FW-Oven-ICPMS-Diss	193			USG-SE1201	9/4/2012	DNS
1232005-04	B121541	Ca-FW-Oven-ICPMS-Diss	194			USG-SE1201	9/4/2012	DNS
1232005-04	B121541	Ba-FW-Oven-ICPMS-Diss	195			USG-SE1201	9/4/2012	DNS
1232005-05	B121541	Sr-FW-Oven-ICPMS-Diss	196			USG-SE1201	9/4/2012	DNS
1232005-05	B121541	Mn-FW-Oven-ICPMS-Diss	197			USG-SE1201	9/4/2012	DNS
1232005-05	B121541	Mg-FW-Oven-ICPMS-Diss	198			USG-SE1201	9/4/2012	DNS
1232005-05	B121541	Ca-FW-Oven-ICPMS-Diss	199			USG-SE1201	9/4/2012	DNS
1232005-05	B121541	Ba-FW-Oven-ICPMS-Diss	200			USG-SE1201	9/4/2012	DNS
1232005-06	B121541	Sr-FW-Oven-ICPMS-Diss	201			USG-SE1201	9/4/2012	DNS
1232005-06	B121541	Mn-FW-Oven-ICPMS-Diss	202			USG-SE1201	9/4/2012	DNS
1232005-06	B121541	Mg-FW-Oven-ICPMS-Diss	203			USG-SE1201	9/4/2012	DNS
1232005-06	B121541	Ca-FW-Oven-ICPMS-Diss	204			USG-SE1201	9/4/2012	DNS
1232005-06	B121541	Ba-FW-Oven-ICPMS-Diss	205			USG-SE1201	9/4/2012	DNS
1232005-07	B121541	Sr-FW-Oven-ICPMS-Diss	206			USG-SE1201	9/4/2012	DNS
1232005-07	B121541	Mn-FW-Oven-ICPMS-Diss	207			USG-SE1201	9/4/2012	DNS
1232005-07	B121541	Mg-FW-Oven-ICPMS-Diss	208			USG-SE1201	9/4/2012	DNS

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1232005-07	B121541	Ca-FW-Oven-ICPMS-Diss	209			USG-SE1201	9/4/2012	DNS
1232005-07	B121541	Ba-FW-Oven-ICPMS-Diss	210			USG-SE1201	9/4/2012	DNS
1232005-08	B121541	Sr-FW-Oven-ICPMS-Diss	211			USG-SE1201	9/4/2012	DNS
1232005-08	B121541	Mn-FW-Oven-ICPMS-Diss	212			USG-SE1201	9/4/2012	DNS
1232005-08	B121541	Mg-FW-Oven-ICPMS-Diss	213			USG-SE1201	9/4/2012	DNS
1232005-08	B121541	Ca-FW-Oven-ICPMS-Diss	214			USG-SE1201	9/4/2012	DNS
1232005-08	B121541	Ba-FW-Oven-ICPMS-Diss	215			USG-SE1201	9/4/2012	DNS
1200711-CCVG	1200711	QC	216	1228057	-			
1200711-CCBG	1200711	QC	217		-			
1232005-09	B121541	Sr-FW-Oven-ICPMS-Diss	218			USG-SE1201	9/4/2012	DNS
1232005-09	B121541	Mn-FW-Oven-ICPMS-Diss	219			USG-SE1201	9/4/2012	DNS
1232005-09	B121541	Mg-FW-Oven-ICPMS-Diss	220			USG-SE1201	9/4/2012	DNS
1232005-09	B121541	Ca-FW-Oven-ICPMS-Diss	221			USG-SE1201	9/4/2012	DNS
1232005-09	B121541	Ba-FW-Oven-ICPMS-Diss	222			USG-SE1201	9/4/2012	DNS
1232005-10	B121541	Sr-FW-Oven-ICPMS-Diss	223			USG-SE1201	9/4/2012	DNS
1232005-10	B121541	Mn-FW-Oven-ICPMS-Diss	224			USG-SE1201	9/4/2012	DNS
1232005-10	B121541	Mg-FW-Oven-ICPMS-Diss	225			USG-SE1201	9/4/2012	DNS
1232005-10	B121541	Ca-FW-Oven-ICPMS-Diss	226			USG-SE1201	9/4/2012	DNS
1232005-10	B121541	Ba-FW-Oven-ICPMS-Diss	227			USG-SE1201	9/4/2012	DNS
1232005-11	B121541	Sr-FW-Oven-ICPMS-Diss	228			USG-SE1201	9/4/2012	DNS
1232005-11	B121541	Mn-FW-Oven-ICPMS-Diss	229			USG-SE1201	9/4/2012	DNS
1232005-11	B121541	Mg-FW-Oven-ICPMS-Diss	230			USG-SE1201	9/4/2012	DNS
1232005-11	B121541	Ca-FW-Oven-ICPMS-Diss	231			USG-SE1201	9/4/2012	DNS
1232005-11	B121541	Ba-FW-Oven-ICPMS-Diss	232			USG-SE1201	9/4/2012	DNS
1232005-12	B121541	Sr-FW-Oven-ICPMS-Diss	233			USG-SE1201	9/4/2012	DNS
1232005-12	B121541	Mn-FW-Oven-ICPMS-Diss	234			USG-SE1201	9/4/2012	DNS

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1232005-12	B121541	Mg-FW-Oven-ICPMS-Diss	235			USG-SE1201	9/4/2012	DNS
1232005-12	B121541	Ca-FW-Oven-ICPMS-Diss	236			USG-SE1201	9/4/2012	DNS
1232005-12	B121541	Ba-FW-Oven-ICPMS-Diss	237			USG-SE1201	9/4/2012	DNS
B121541-DUP2	B121541	QC	238		1232005-12			
B121541-MS2	B121541	QC	239		1232005-12			
B121541-MSD2	B121541	QC	240		1232005-12			
1232005-13	B121541	Sr-FW-Oven-ICPMS-Diss	241			USG-SE1201	9/4/2012	DNS
1232005-13	B121541	Mn-FW-Oven-ICPMS-Diss	242			USG-SE1201	9/4/2012	DNS
1232005-13	B121541	Mg-FW-Oven-ICPMS-Diss	243			USG-SE1201	9/4/2012	DNS
1232005-13	B121541	Ca-FW-Oven-ICPMS-Diss	244			USG-SE1201	9/4/2012	DNS
1232005-13	B121541	Ba-FW-Oven-ICPMS-Diss	245			USG-SE1201	9/4/2012	DNS
1232005-14	B121541	Sr-FW-Oven-ICPMS-Diss	246			USG-SE1201	9/4/2012	DNS
1232005-14	B121541	Mn-FW-Oven-ICPMS-Diss	247			USG-SE1201	9/4/2012	DNS
1232005-14	B121541	Mg-FW-Oven-ICPMS-Diss	248			USG-SE1201	9/4/2012	DNS
1232005-14	B121541	Ca-FW-Oven-ICPMS-Diss	249			USG-SE1201	9/4/2012	DNS
1232005-14	B121541	Ba-FW-Oven-ICPMS-Diss	250			USG-SE1201	9/4/2012	DNS
1232005-15	B121541	Sr-FW-Oven-ICPMS-Diss	251			USG-SE1201	9/4/2012	DNS
1232005-15	B121541	Mn-FW-Oven-ICPMS-Diss	252			USG-SE1201	9/4/2012	DNS
1232005-15	B121541	Mg-FW-Oven-ICPMS-Diss	253			USG-SE1201	9/4/2012	DNS
1232005-15	B121541	Ca-FW-Oven-ICPMS-Diss	254			USG-SE1201	9/4/2012	DNS
1232005-15	B121541	Ba-FW-Oven-ICPMS-Diss	255			USG-SE1201	9/4/2012	DNS
1200711-CCVH	1200711	QC	256	1228057	-			
1200711-CCBH	1200711	QC	257		-			
1232005-16	B121541	Sr-FW-Oven-ICPMS-Diss	258			USG-SE1201	9/4/2012	DNS
1232005-16	B121541	Mn-FW-Oven-ICPMS-Diss	259			USG-SE1201	9/4/2012	DNS
1232005-16	B121541	Mg-FW-Oven-ICPMS-Diss	260			USG-SE1201	9/4/2012	DNS

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1232005-16	B121541	Ca-FW-Oven-ICPMS-Diss	261			USG-SE1201	9/4/2012	DNS
1232005-16	B121541	Ba-FW-Oven-ICPMS-Diss	262			USG-SE1201	9/4/2012	DNS
1232005-17	B121541	Sr-FW-Oven-ICPMS-Diss	263			USG-SE1201	9/4/2012	DNS
1232005-17	B121541	Mn-FW-Oven-ICPMS-Diss	264			USG-SE1201	9/4/2012	DNS
1232005-17	B121541	Mg-FW-Oven-ICPMS-Diss	265			USG-SE1201	9/4/2012	DNS
1232005-17	B121541	Ca-FW-Oven-ICPMS-Diss	266			USG-SE1201	9/4/2012	DNS
1232005-17	B121541	Ba-FW-Oven-ICPMS-Diss	267			USG-SE1201	9/4/2012	DNS
1232005-18	B121541	Sr-FW-Oven-ICPMS-Diss	268			USG-SE1201	9/4/2012	DNS
1232005-18	B121541	Mn-FW-Oven-ICPMS-Diss	269			USG-SE1201	9/4/2012	DNS
1232005-18	B121541	Mg-FW-Oven-ICPMS-Diss	270			USG-SE1201	9/4/2012	DNS
1232005-18	B121541	Ca-FW-Oven-ICPMS-Diss	271			USG-SE1201	9/4/2012	DNS
1232005-18	B121541	Ba-FW-Oven-ICPMS-Diss	272			USG-SE1201	9/4/2012	DNS
1232005-19	B121541	Sr-FW-Oven-ICPMS-Diss	273			USG-SE1201	9/4/2012	DNS
1232005-19	B121541	Mn-FW-Oven-ICPMS-Diss	274			USG-SE1201	9/4/2012	DNS
1232005-19	B121541	Mg-FW-Oven-ICPMS-Diss	275			USG-SE1201	9/4/2012	DNS
1232005-19	B121541	Ca-FW-Oven-ICPMS-Diss	276			USG-SE1201	9/4/2012	DNS
1232005-19	B121541	Ba-FW-Oven-ICPMS-Diss	277			USG-SE1201	9/4/2012	DNS
1232005-20	B121541	Sr-FW-Oven-ICPMS-Diss	278			USG-SE1201	9/4/2012	DNS
1232005-20	B121541	Mn-FW-Oven-ICPMS-Diss	279			USG-SE1201	9/4/2012	DNS
1232005-20	B121541	Mg-FW-Oven-ICPMS-Diss	280			USG-SE1201	9/4/2012	DNS
1232005-20	B121541	Ca-FW-Oven-ICPMS-Diss	281			USG-SE1201	9/4/2012	DNS
1232005-20	B121541	Ba-FW-Oven-ICPMS-Diss	282			USG-SE1201	9/4/2012	DNS
1232005-21	B121541	Sr-FW-Oven-ICPMS-Diss	283			USG-SE1201	9/4/2012	DNS
1232005-21	B121541	Mn-FW-Oven-ICPMS-Diss	284			USG-SE1201	9/4/2012	DNS
1232005-21	B121541	Mg-FW-Oven-ICPMS-Diss	285			USG-SE1201	9/4/2012	DNS
1232005-21	B121541	Ca-FW-Oven-ICPMS-Diss	286			USG-SE1201	9/4/2012	DNS

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1232005-21	B121541	Ba-FW-Oven-ICPMS-Diss	287			USG-SE1201	9/4/2012	DNS
1232005-22	B121541	Sr-FW-Oven-ICPMS-Diss	288			USG-SE1201	9/4/2012	DNS
1232005-22	B121541	Mn-FW-Oven-ICPMS-Diss	289			USG-SE1201	9/4/2012	DNS
1232005-22	B121541	Mg-FW-Oven-ICPMS-Diss	290			USG-SE1201	9/4/2012	DNS
1232005-22	B121541	Ca-FW-Oven-ICPMS-Diss	291			USG-SE1201	9/4/2012	DNS
1232005-22	B121541	Ba-FW-Oven-ICPMS-Diss	292			USG-SE1201	9/4/2012	DNS
B121541-DUP3	B121541	QC	293		1232005-22			
B121541-MS3	B121541	QC	294		1232005-22			
B121541-MSD3	B121541	QC	295		1232005-22			
1200711-CCVI	1200711	QC	296	1228057	-			
1200711-CCBI	1200711	QC	297		-			
1232005-23	B121541	Sr-FW-Oven-ICPMS-Diss	298			USG-SE1201	9/4/2012	DNS
1232005-23	B121541	Mn-FW-Oven-ICPMS-Diss	299			USG-SE1201	9/4/2012	DNS
1232005-23	B121541	Mg-FW-Oven-ICPMS-Diss	300			USG-SE1201	9/4/2012	DNS
1232005-23	B121541	Ca-FW-Oven-ICPMS-Diss	301			USG-SE1201	9/4/2012	DNS
1232005-23	B121541	Ba-FW-Oven-ICPMS-Diss	302			USG-SE1201	9/4/2012	DNS
1232005-24	B121541	Sr-FW-Oven-ICPMS-Diss	303			USG-SE1201	9/4/2012	DNS
1232005-24	B121541	Mn-FW-Oven-ICPMS-Diss	304			USG-SE1201	9/4/2012	DNS
1232005-24	B121541	Mg-FW-Oven-ICPMS-Diss	305			USG-SE1201	9/4/2012	DNS
1232005-24	B121541	Ca-FW-Oven-ICPMS-Diss	306			USG-SE1201	9/4/2012	DNS
1232005-24	B121541	Ba-FW-Oven-ICPMS-Diss	307			USG-SE1201	9/4/2012	DNS
1232005-25	B121541	Sr-FW-Oven-ICPMS-Diss	308			USG-SE1201	9/4/2012	DNS
1232005-25	B121541	Mn-FW-Oven-ICPMS-Diss	309			USG-SE1201	9/4/2012	DNS
1232005-25	B121541	Mg-FW-Oven-ICPMS-Diss	310			USG-SE1201	9/4/2012	DNS
1232005-25	B121541	Ca-FW-Oven-ICPMS-Diss	311			USG-SE1201	9/4/2012	DNS
1232005-25	B121541	Ba-FW-Oven-ICPMS-Diss	312			USG-SE1201	9/4/2012	DNS

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Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1232005-26	B121541	Sr-FW-Oven-ICPMS-Diss	313			USG-SE1201	9/4/2012	DNS
1232005-26	B121541	Mn-FW-Oven-ICPMS-Diss	314			USG-SE1201	9/4/2012	DNS
1232005-26	B121541	Mg-FW-Oven-ICPMS-Diss	315			USG-SE1201	9/4/2012	DNS
1232005-26	B121541	Ca-FW-Oven-ICPMS-Diss	316			USG-SE1201	9/4/2012	DNS
1232005-26	B121541	Ba-FW-Oven-ICPMS-Diss	317			USG-SE1201	9/4/2012	DNS
1232005-27	B121541	Sr-FW-Oven-ICPMS-Diss	318			USG-SE1201	9/4/2012	DNS
1232005-27	B121541	Mn-FW-Oven-ICPMS-Diss	319			USG-SE1201	9/4/2012	DNS
1232005-27	B121541	Mg-FW-Oven-ICPMS-Diss	320			USG-SE1201	9/4/2012	DNS
1232005-27	B121541	Ca-FW-Oven-ICPMS-Diss	321			USG-SE1201	9/4/2012	DNS
1232005-27	B121541	Ba-FW-Oven-ICPMS-Diss	322			USG-SE1201	9/4/2012	DNS
1232005-28	B121541	Sr-FW-Oven-ICPMS-Diss	323			USG-SE1201	9/4/2012	DNS
1232005-28	B121541	Mn-FW-Oven-ICPMS-Diss	324			USG-SE1201	9/4/2012	DNS
1232005-28	B121541	Mg-FW-Oven-ICPMS-Diss	325			USG-SE1201	9/4/2012	DNS
1232005-28	B121541	Ca-FW-Oven-ICPMS-Diss	326			USG-SE1201	9/4/2012	DNS
1232005-28	B121541	Ba-FW-Oven-ICPMS-Diss	327			USG-SE1201	9/4/2012	DNS
1232005-29	B121541	Sr-FW-Oven-ICPMS-Diss	328			USG-SE1201	9/4/2012	DNS
1232005-29	B121541	Mn-FW-Oven-ICPMS-Diss	329			USG-SE1201	9/4/2012	DNS
1232005-29	B121541	Mg-FW-Oven-ICPMS-Diss	330			USG-SE1201	9/4/2012	DNS
1232005-29	B121541	Ca-FW-Oven-ICPMS-Diss	331			USG-SE1201	9/4/2012	DNS
1232005-29	B121541	Ba-FW-Oven-ICPMS-Diss	332			USG-SE1201	9/4/2012	DNS
1232005-30	B121541	Sr-FW-Oven-ICPMS-Diss	333			USG-SE1201	9/4/2012	DNS
1232005-30	B121541	Mn-FW-Oven-ICPMS-Diss	334			USG-SE1201	9/4/2012	DNS
1232005-30	B121541	Mg-FW-Oven-ICPMS-Diss	335			USG-SE1201	9/4/2012	DNS
1232005-30	B121541	Ca-FW-Oven-ICPMS-Diss	336			USG-SE1201	9/4/2012	DNS
1232005-30	B121541	Ba-FW-Oven-ICPMS-Diss	337			USG-SE1201	9/4/2012	DNS
1232005-31	B121541	Sr-FW-Oven-ICPMS-Diss	338			USG-SE1201	9/4/2012	DNS

ANALYSIS SEQUENCE

1200711

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1232005-31	B121541	Mn-FW-Oven-ICPMS-Diss	339			USG-SE1201	9/4/2012	DNS
1232005-31	B121541	Mg-FW-Oven-ICPMS-Diss	340			USG-SE1201	9/4/2012	DNS
1232005-31	B121541	Ca-FW-Oven-ICPMS-Diss	341			USG-SE1201	9/4/2012	DNS
1232005-31	B121541	Ba-FW-Oven-ICPMS-Diss	342			USG-SE1201	9/4/2012	DNS
1232005-32	B121541	Sr-FW-Oven-ICPMS-Diss	343			USG-SE1201	9/4/2012	DNS
1232005-32	B121541	Mn-FW-Oven-ICPMS-Diss	344			USG-SE1201	9/4/2012	DNS
1232005-32	B121541	Mg-FW-Oven-ICPMS-Diss	345			USG-SE1201	9/4/2012	DNS
1232005-32	B121541	Ca-FW-Oven-ICPMS-Diss	346			USG-SE1201	9/4/2012	DNS
1232005-32	B121541	Ba-FW-Oven-ICPMS-Diss	347			USG-SE1201	9/4/2012	DNS
1200711-CCVJ	1200711	QC	348	1228057	-			
1200711-CCBJ	1200711	QC	349		-			
1232005-33	B121541	Sr-FW-Oven-ICPMS-Diss	350			USG-SE1201	9/4/2012	DNS
1232005-33	B121541	Mn-FW-Oven-ICPMS-Diss	351			USG-SE1201	9/4/2012	DNS
1232005-33	B121541	Mg-FW-Oven-ICPMS-Diss	352			USG-SE1201	9/4/2012	DNS
1232005-33	B121541	Ca-FW-Oven-ICPMS-Diss	353			USG-SE1201	9/4/2012	DNS
1232005-33	B121541	Ba-FW-Oven-ICPMS-Diss	354			USG-SE1201	9/4/2012	DNS
1234002-01	B121541	Sr-FW-Oven-ICPMS-Diss	355			USG-SE1201	9/12/2012	DNS
1234002-01	B121541	Mn-FW-Oven-ICPMS-Diss	356			USG-SE1201	9/12/2012	DNS
1234002-01	B121541	Mg-FW-Oven-ICPMS-Diss	357			USG-SE1201	9/12/2012	DNS
1234002-01	B121541	Ca-FW-Oven-ICPMS-Diss	358			USG-SE1201	9/12/2012	DNS
1234002-01	B121541	Ba-FW-Oven-ICPMS-Diss	359			USG-SE1201	9/12/2012	DNS
1234002-02	B121541	Sr-FW-Oven-ICPMS-Diss	360			USG-SE1201	9/12/2012	DNS
1234002-02	B121541	Mn-FW-Oven-ICPMS-Diss	361			USG-SE1201	9/12/2012	DNS
1234002-02	B121541	Mg-FW-Oven-ICPMS-Diss	362			USG-SE1201	9/12/2012	DNS
1234002-02	B121541	Ca-FW-Oven-ICPMS-Diss	363			USG-SE1201	9/12/2012	DNS
1234002-02	B121541	Ba-FW-Oven-ICPMS-Diss	364			USG-SE1201	9/12/2012	DNS

ANALYSIS SEQUENCE

1200711

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
B121541-DUP4	B121541	QC	365		1234002-02			
B121541-MS4	B121541	QC	366		1234002-02			
B121541-MSD4	B121541	QC	367		1234002-02			
1234002-04	B121541	Sr-FW-Oven-ICPMS-Diss	368			USG-SE1201	9/12/2012	DNS
1234002-04	B121541	Mn-FW-Oven-ICPMS-Diss	369			USG-SE1201	9/12/2012	DNS
1234002-04	B121541	Mg-FW-Oven-ICPMS-Diss	370			USG-SE1201	9/12/2012	DNS
1234002-04	B121541	Ca-FW-Oven-ICPMS-Diss	371			USG-SE1201	9/12/2012	DNS
1234002-04	B121541	Ba-FW-Oven-ICPMS-Diss	372			USG-SE1201	9/12/2012	DNS
1200711-CCVK	1200711	QC	373	1228057	-			
1200711-CCBK	1200711	QC	374		-			

ICP-MS Analysis Benchsheet Batch No: B121541, B121547, B121544, B121703 B121546, B121724

BR-0060 standard / DRC mode (circle one)

(BRL procedure for the analysis of samples by EPA Methods 1638, 200.8, 6020A, and 1640)

Analyst: MEL Date: 9/14/2012

Instrument ID: ICPMS1 cHNO3 ID: 1220048 cHCl ID: NA

Calibration recorded in LIMS Int Std: 1213014 SEQ: 1200711

LOD/LOQ study uploaded to S120078 MEL 9/17/12

A/S #	Batch	Sample ID	Dilution	Comments
1		warm up		
1		warm up		
1		warm up		
1		SEQ-ICB1		
2		SEQ-CAL1		1228062
3		SEQ-CAL2		1228061
4		SEQ-CAL3		1228060
5		SEQ-CAL4		1228059
6		SEQ-CAL5		1228058
7		SEQ-CAL6		1228057
8		SEQ-CAL7		1228056
9		SEQ-CAL8		1228055
1		SEQ-ICB2		*No Sb, Cd114 low pt out, Th top 3 pts out*
10		SEQ-ICV1		1217029
1		SEQ-ICB3		
101		SEQ-IBL1		
102		SEQ-IBL2		
103		SEQ-IBL3		
104		SEQ-IBL4		
105		SEQ-SCV1	5x	NIST 1643e 1202032-1215030
5		SEQ-CCV1		1228059
1		SEQ-CCB1		
106		12-244A		250ul HDPE Bottle; All metals
107		12-244B		250ul HDPE Bottle; All metals
108		12-244C		250ul HDPE Bottle; All metals
109		12-244D		250ul HDPE Bottle; All metals
110		12-244E		250ul HDPE Bottle; All metals
111		12-244F		250ul HDPE Bottle; All metals
112		12-244G		250ul HDPE Bottle; All metals
113		12-244H		250ul HDPE Bottle; All metals
114		12-244I		250ul HDPE Bottle; All metals
115		12-244J		250ul HDPE Bottle; All metals
116		12-244K		250ul HDPE Bottle; All metals
117		12-244L		250ul HDPE Bottle; All metals
118		12-244M		250ul HDPE Bottle; All metals
119		12-244N		250ul HDPE Bottle; All metals
120		12-244O		250ul HDPE Bottle; All metals
121		12-244P		250ul HDPE Bottle; All metals
122		12-235DIW		250ml Tubing; Cu, Ca, Mg, Se
123		12-235		250ml Tubing; Cu, Ca, Mg, Se

16 injections for Sb testing Sb does not recover in ICV Sb omitted from Analysis-SCV1 included TAM 9/18/12

124		12-240DIW		250ml Tubing; ORAP Metals
125		12-240		250ml Tubing; ORAP Metals
126		12-248DIW		2.5gal Carboy; ORAP Metals
127		12-248A		2.5gal Carboy; ORAP Metals
128		12-248B		2.5gal Carboy; ORAP Metals
129		12-248C		2.5gal Carboy; ORAP Metals
130		12-248A In House		10L Carboy; All metals
131		12-248B In House		10L Carboy; All metals
132		12-248C In House		10L Carboy; All metals
133		SatWastePrep	1000x	250ml HDPE Bottle; All metals
134		SatWasteRec	1000x	250ml HDPE Bottle; All metals
5		SEQ-CCV2		1228059
1		SEQ-CCB2		
135	B121724	B121724-BLK1		
136	B121724	B121724-BLK2		
137	B121724	B121724-BLK3		
138	B121724	B121724-BLK4		
5		SEQ-CCV3		1228059
1		SEQ-CCB3		
139	B121724	B121724-BS1		IPR1
140	B121724	B121724-BS2		IPR2
141	B121724	B121724-BS3		IPR3
142	B121724	B121724-BS4		IPR4
143	B121724	B121724-BS5		LOD1
144	B121724	B121724-BS6		LOD2
145	B121724	B121724-BS7		LOD3
146	B121724	B121724-BS8		LOD4
5		SEQ-CCV4		1228059
1		SEQ-CCB4		
147	B121703	B121703-BLK1		
148	B121703	B121703-BLK2		
149	B121703	B121703-BLK3		
150	B121703	B121703-BLK4		
151	B121703	B121703-BS1		
152	B121703	1233033-01RE2	5x	
153	B121703	1233033-02RE2	5x	
154	B121703	B121703-DUP1	5x	1233033-02RE2
155	B121703	B121703-MS1	5x	500ul of 1227049 up to 5ml
156	B121703	B121703-MSD1	5x	500ul of 1227049 up to 5ml
5		SEQ-CCV5		1228059
1		SEQ-CCB5		
157	B121703	1233033-03RE2	5x	
426	B121703	1233033-01RE3		
427	B121703	1233033-02RE3		
428	B121703	B121703-DUP2		1233033-02RE3
429	B121703	B121703-MS2		200ul of 1227049 up to 5ml
430	B121703	B121703-MSD2		200ul of 1227049 up to 5ml
431	B121703	1233033-03RE3		
5		SEQ-CCV6		1228059
1		SEQ-CCB6		
158	B121546	B121546-BLK1	10x	
159	B121546	B121546-BLK2	10x	

201	B121546	B121546-BLK3	10x	
202	B121546	B121546-BLK4	10x	
203	B121546	B121546-BS1	10x	
204	B121546	B121546-SRM1	10x	
205	B121546	B121546-SRM2	10x	
206	B121546	1234009-01	10x	
207	B121546	1234009-02	10x	
208	B121546	1234009-03	10x	
6		SEQ-CCV7		1228058
1		SEQ-CCB7		
209	B121546	1234009-04	10x	
210	B121546	1234009-05	10x	
211	B121546	1234009-06	10x	
212	B121546	1234009-07	10x	
213	B121546	1234009-08	10x	
214	B121546	1234009-09	10x	
215	B121546	1234009-10	10x	
216	B121546	B121546-DUP1	10x	
217	B121546	B121546-MS1	10x	
218	B121546	B121546-MSD1	10x	
6		SEQ-CCV8		1228058
1		SEQ-CCB8		
219	B121546	1234009-11	10x	
220	B121546	1234009-12	10x	
221	B121546	1234009-13	10x	
222	B121546	B121546-DUP2	10x	
223	B121546	B121546-MS2	10x	
224	B121546	B121546-MSD2	10x	
225	B121546	1234009-27	10x	
226	B121546	1234009-28	10x	
227	B121546	1234009-29	10x	
6		SEQ-CCV9		1228058
1		SEQ-CCB9		
228	B121546	B121546-DUP3	10x	
229	B121546	B121546-MS3	10x	
230	B121546	B121546-MSD3	10x	
231	B121546	1234009-32	10x	
232	B121546	1234009-33	10x	
233	B121546	1234009-34	10x	
234	B121546	1234009-35	10x	
235	B121546	1234009-36	10x	
236	B121546	1234009-37	10x	
237	B121546	1234009-38	10x	
6		SEQ-CCVA		1228058
1		SEQ-CCBA		
238	B121544	B121544-BLK1	5x	
239	B121544	B121544-BLK2	5x	
240	B121544	B121544-BLK3	5x	
241	B121544	B121544-BLK4	5x	
242	B121544	0944029-92	5x	
243	B121544	B121544-MS3	5x	
244	B121544	B121544-BS1	5x	

245	B121544	B121544-SRM1	5x	
246	B121544	1233038-04	5x	
247	B121544	1233038-05	5x	
6		SEQ-CCVB		1228058
1		SEQ-CCBB		
248	B121544	1233038-06	5x	
249	B121544	1233038-07	5x	
250	B121544	1233038-11	5x	
251	B121544	1233038-12	5x	
252	B121544	B121544-DUP2	5x	
253	B121544	B121544-MS2	5x	
254	B121544	B121544-MSD2	5x	
6		SEQ-CCVC		1228058
1		SEQ-CCBC		
255	B121547	1234009-14	50x	Use IBLs for BLKS
256	B121547	1234009-15	50x	
257	B121547	1234009-16	50x	
258	B121547	1234009-17	50x	
259	B121547	1234009-18	50x	
260	B121547	1234009-19	50x	
301	B121547	1234009-20	50x	
308	B121547	B121547-DUP1	50x	1234009-16
309	B121547	B121547-MS1	50x	150ul of 1237029 up to 5ml
310	B121547	B121547-MSD1	50x	150ul of 1237029 up to 5ml
6		SEQ-CCVD		1228058
1		SEQ-CCBD		
302	B121547	1234009-21	50x	
303	B121547	1234009-22	50x	
304	B121547	1234009-23	50x	
305	B121547	1234009-24	50x	
306	B121547	1234009-25	50x	
307	B121547	1234009-26	50x	
311	B121547	B121547-DUP2	50x	1234009-23
312	B121547	B121547-MS2	50x	150ul of 1237029 up to 5ml
313	B121547	B121547-MSD2	50x	150ul of 1237029 up to 5ml
6		SEQ-CCVE		1228058
1		SEQ-CCBE		
308	B121541	B121541-BLK1		
309	B121541	B121541-BLK2		
310	B121541	B121541-BLK3		
311	B121541	B121541-BLK4		
312	B121541	B121541-BS1		
313	B121541	1232005-34		
314	B121541	1234002-03		
315	B121541	1232005-01	200x	
7		SEQ-CCVF		1228057
1		SEQ-CCBF		
316	B121541	1232005-02	200x	
317	B121541	B121541-DUP1	200x	1232005-02
318	B121541	B121541-MS1	200x	1ml of 1237130 up to 5ml
319	B121541	B121541-MSD1	200x	1ml of 1237130 up to 5ml
320	B121541	1232005-03	200x	

321	B121541	1232005-04	200x	
322	B121541	1232005-05	200x	
323	B121541	1232005-06	200x	
324	B121541	1232005-07	200x	
325	B121541	1232005-08	200x	
7		SEQ-CCVG		1228057
10		SEQ-CCBG		
326	B121541	1232005-09	200x	
327	B121541	1232005-10	200x	
328	B121541	1232005-11	200x	
329	B121541	1232005-12	200x	
330	B121541	B121541-DUP2	200x	1232005-12
331	B121541	B121541-MS2	200x	1ml of 1237130 up to 5ml
332	B121541	B121541-MSD2	200x	1ml of 1237130 up to 5ml
333	B121541	1232005-13	200x	
334	B121541	1232005-14	200x	
335	B121541	1232005-15	200x	
7		SEQ-CCVH		1228057
10		SEQ-CCBH		
336	B121541	1232005-16	200x	
337	B121541	1232005-17	200x	
338	B121541	1232005-18	200x	
339	B121541	1232005-19	200x	
340	B121541	1232005-20	200x	
341	B121541	1232005-21	200x	
342	B121541	1232005-22	200x	
343	B121541	B121541-DUP3	200x	1232005-22
344	B121541	B121541-MS3	200x	1ml of 1237130 up to 5ml
345	B121541	B121541-MSD3	200x	1ml of 1237130 up to 5ml
7		SEQ-CCVI		1228057
10		SEQ-CCBI		
346	B121541	1232005-23	200x	
347	B121541	1232005-24	200x	
348	B121541	1232005-25	200x	
349	B121541	1232005-26	200x	
350	B121541	1232005-27	200x	
351	B121541	1232005-28	200x	
352	B121541	1232005-29	200x	
353	B121541	1232005-30	200x	
354	B121541	1232005-31	200x	
413	B121541	1232005-32	200x	
7		SEQ-CCVJ		1228057
10		SEQ-CCBJ		
414	B121541	1232005-33	200x	
415	B121541	1234002-01	200x	
416	B121541	1234002-02	200x	
417	B121541	B121541-DUP4	200x	1234002-02
418	B121541	B121541-MS4	200x	1ml of 1237130 up to 5ml
419	B121541	B121541-MSD4	200x	1ml of 1237130 up to 5ml
425	B121541	1234002-04	200x	
7		SEQ-CCVK		1228057
10		SEQ-CCBK		

434		rinse		
434		rinse		
434		rinse		
434		rinse		
434		rinse		
434		rinse		
434		rinse		

Trace Metals Method BR-0066 Rev002a (ICP-MS)
Sea Water Sample Preparation by Reductive Co-Precipitation

Batch #(s): B121544, 1483

Page 1 of 1

Balance ID: BL-03

Preparation Date and Time*: 8/27/12 1455

Filtration Date: 8/29/12

Date and Time of Finished Preparation: 8/29/12 1750

Filtered By: CLE

Prepared By: CLE

* Time is when the first reagents are added.

#	Sample ID	Sample Volume (mL)†
1	BLK1	200.00
2	BLK2	200.59
3	BLK3	200.00
4	BLK4	200.42
5	0944029-92	200.44
6	B121544 MS3/ B121483 MS2	200.51
7	BS1	200.66
8	SRM1 (SLEW-3)	200.41
~~9~~	~~1231040-03~~	
10	B121544 DUP1	40.88/200.21
11	MS1	40.20/200.36
12	MSD1	40.47/200.34
~~13~~	~~1231040-04~~	
14		
~~15~~	~~-07~~	
16	1233038-04	40.67/200.05
17	1233038-05	40.05/200.12
18	-06	40.05/200.13
19	-07	40.10/200.03
20	-11	40.30/200.09
21	-12	40.04/200.25
22	B121544 DUP2	40.06/200.58
23	MS2	40.37/200.22
24	MSD2	40.06/200.74
25	1229011-01RE2	100.32/200.28
~~26~~	~~B121483~~	
27	MS1	100.38/200.03
28	1229011-02RE2	200.59
29	-03RE2	200.81
30	1230005-02RE4	10.24/200.68
~~31~~		
~~32~~		

† Sample vol. recorded in LIMS with three significant figures.

Sample ID	Spike ID	Vol. Added (mL)	Analyte/Concentration
BS1, B121544 MS/MSD1-2, MS3	1235005	0.010	Se 0.1ppm
BS1, B121483 MS1-2	1212064	0.050	Sb 1 ppm

Spike Witness Initials/Date: TPW 8/27/12

Bottle lot: 12-210 SRM-Matrix-ID: SRM1-SLEW-3-1220064 HNO_3 ID: 1220056

$NaBH_4$ ID: 1231008 NH_4OH ID: 1217019 Filter Lot #: 183960

H_2O_2 ID: 1107099 Fe/Pd/La/Te ID: 1212026 Final Dilution Vol.: 10 mL

Target Digestion Temps/Times: **120 °C for 5 minutes x 2** then **150 °C for 15-20 minutes**

Digestion Temperatures*/Times: C:120°C M:127°C 1635/1640 then C:126°C M:127°C 1658/1700 then C:145°C M:146°C 1735/1750

Thermometer ID: 010396

*** Both measured and corrected temperatures must be recorded.**

Comments: Δ: prepped at 5x dln, as per PM. #: source: 1233038-05. **: Full QC not performed due to limited sample vol. prepped @2x dln as per PM. †: pipette used: HU01551. ‡: some sample lost during filtration. (*) Samples spiked w/0.1mL Se 0.1ppm prior to addition of reagents & 0.090mL Se1ppm #1235006 ~1hr after final reagent ($NaBH_4$ s/n) added. Fake spike ID #1235007.

NOTE: All samples have been adjusted to a pH of 9 prior to filtration as described in BRL SOP BR-0066 and verified by pH paper.

Any sample requiring more or less adjustment than described in the SOP has been noted with a full description of how it differed from the other samples. ●: 1233038-12 & B121544 QC set 2 extra thick w/precipitate, filtration takes 7hrs

B121544, 1483
RP

Samples spiked: BS1, MS/MSD1-2, MS3

B1544 *

Element	Conc. (µg/L)	vol to spike directly to **40mL sample**	ppm	LIMS ID
Se	2.500	~~0.010~~ 0.100	~~10~~ 1	see below

LE 8/27/12

Samples spiked: BS1, MS1-2

B1483

Element	Conc. (µg/L)	vol to spike directly to ~~200mL~~ 100mL **sample**	ppm	LIMS ID
Sb	0.500	~~0.100~~ 0.050	1	1212044

* Se underspiked w/ 0.1 mL Se 0.1 ppm (#1235005) prior to addition of reagents. Samples spiked w/ additional 0.090 mL Se 1ppm (#1235006) ~1 hr following addition of final reagent ($NaBH_4$ sln). Fake spike # 1235007.

Sample Information

Report Title: QUANTITATIVE ANALYSIS REPORT
Batch ID:
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040
Tuning File: C:\Elandata\Tuning\Default.tun
Optimization File: C:\Elandata\Optimize\Default.dac
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Calibration Type: External Calibration

Calibration

	Analyte	Mass	Curve Type	Slope	Intercept	Correlation Coefficient	Std 1 Conc
	Li	7	Weighted Linear	0.001	-0.000	0.999292	0.150000
	Be	9	Weighted Linear	0.000	-0.000	0.999192	0.050000
	B	11	Weighted Linear	0.000	-0.000	0.999636	1.000000
	Na	23	Weighted Linear	0.004	0.009	0.997958	15.000000
	Mg	24	Weighted Linear	0.003	0.001	0.998649	3.000000
	Al	27	Weighted Linear	0.004	0.000	0.998729	1.000000
	K	39	Weighted Linear	0.009	-0.002	0.996894	4.000000
	Ca	44	Weighted Linear	0.000	-0.001	0.997441	30.000000
>	Sc	45	Weighted Linear				
	Ti	47	Weighted Linear	0.001	-0.000	0.999512	0.200000
	Ti	48	Weighted Linear	0.008	0.000	0.999388	0.200000
	V	51	Weighted Linear	0.010	-0.000	0.999959	0.150000
	Cr	52	Weighted Linear	0.008	-0.000	0.999022	0.150000
	Cr	53	Weighted Linear	0.001	-0.000	0.999684	0.150000
	Mn	55	Weighted Linear	0.011	0.000	0.999277	0.050000
	Fe	54	Weighted Linear	0.001	-0.001	0.996692	5.000000
	Fe	57	Weighted Linear	0.000	0.000	0.998911	5.000000
	Co	59	Weighted Linear	0.009	0.000	0.999696	0.100000
	Ni	60	Weighted Linear	0.002	0.000	0.999314	0.200000
	Ni	62	Weighted Linear	0.000	0.000	0.999200	0.200000
	Cu	65	Weighted Linear	0.004	0.000	0.999470	0.100000
	Cu	63	Weighted Linear	0.008	-0.000	0.999323	0.100000
	Zn	66	Weighted Linear	0.002	-0.000	0.999582	0.200000
	Zn	68	Weighted Linear	0.002	-0.000	0.999390	0.200000
>	Ge	74	Weighted Linear				
	As	75	Weighted Linear	0.003	-0.000	0.999518	0.200000
	As-1	75	Weighted Linear	0.003	-0.000	0.999754	0.200000
	Se	77	Weighted Linear	0.000	0.000	0.998759	0.200000
	Se	82	Weighted Linear	0.000	-0.000	0.998845	0.200000
	Sr	88	Weighted Linear	0.008	0.000	0.998825	0.050000
	Y	89	Weighted Linear	0.002	-0.000	0.401263	0.010000
	Mo	98	Weighted Linear	0.002	-0.000	0.999901	0.020000
	Ag	107	Weighted Linear	0.004	-0.000	0.999025	0.020000
	Ag	109	Weighted Linear	0.003	-0.000	0.999746	0.020000
	Cd	111	Weighted Linear	0.001	-0.000	0.999064	0.010000
	Cd	114	Weighted Linear	0.002	0.000	0.999831	0.010000
>	In	115	Weighted Linear				
	Sn	120	Weighted Linear	0.004	0.000	0.997074	0.150000
	Sb	121	Weighted Linear	0.003	-0.001	0.999765	0.020000

	Cs	133	Weighted Linear	0.011	0.000	0.999799	0.050000
	Ba	138	Weighted Linear	0.008	0.000	0.999701	0.050000
	Ce	140	Weighted Linear	0.010	-0.000	0.999796	0.010000
>	Tm	169	Weighted Linear				
	Tl	205	Weighted Linear	0.007	0.000	0.999339	0.010000
	Pb	208	Weighted Linear	0.009	0.000	0.998868	0.025000
	Bi	209	Weighted Linear	0.007	-0.000	0.999546	0.050000
	Th	232	Weighted Linear	0.005	-0.000	0.995317	0.020000
	U	238	Weighted Linear	0.009	0.000	0.999496	0.010000

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICB1

Sample Description:

Batch ID:

Sample Date/Time: Friday, September 14, 2012 13:41:35
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7		41	8	19.6			ug/L
	Be	9		33	4	12.4			ug/L
	B	11		169	3	1.8			ug/L
	Na	23		6859	307	4.5			ug/L
	Mg	24		156	19	12.2			ug/L
	Al	27		891	19	2.2			ug/L
	K	39		409328	5263	1.3			ug/L
	Ca	44		69014	161	0.2			ug/L
>	Sc	45		1256607	59094	4.7			ug/L
	Ti	47		283	21	7.6			ug/L
	Ti	48		-5947	13	0.2			ug/L
	V	51		5985	58	1.0			ug/L
	Cr	52		6084	185	3.0			ug/L
	Cr	53		1948	24	1.2			ug/L
	Mn	55		361	21	5.8			ug/L
	Fe	54		51442	928	1.8			ug/L
	Fe	57		3551	118	3.3			ug/L
	Co	59		37	7	17.7			ug/L
	Ni	60		52	7	13.7			ug/L
	Ni	62		215	8	3.7			ug/L
	Cu	65		54	9	16.3			ug/L
	Cu	63		85	7	7.8			ug/L
	Zn	66		245	13	5.3			ug/L
	Zn	68		228	22	9.8			ug/L
>	Ge	74		709212	25058	3.5			ug/L
	As	75		154	47	30.4			ug/L
	As-1	75		7631	176	2.3			ug/L
	Se	77		105	15	14.6			ug/L
	Se	82		-3	9	363.8			ug/L
	Sr	88		94	8	8.6			ug/L
	Y	89		67	5	6.7			ug/L
	Mo	98		144	68	47.0			ug/L
	Ag	107		37	2	5.6			ug/L
	Ag	109		38	9	22.9			ug/L
	Cd	111		24	4	15.0			ug/L
	Cd	114		20	18	91.7			ug/L

>	In	115	3160654	42379	1.3	ug/L
	Sn	120	17270	551	3.2	ug/L
	Sb	121	224	92	40.9	ug/L
	Cs	133	20	3	15.0	ug/L
	Ba	138	86	11	12.3	ug/L
	Ce	140	36	4	11.3	ug/L
>	Tm	169	2730830	36832	1.3	ug/L
	Tl	205	25	13	51.4	ug/L
	Pb	208	143	17	11.6	ug/L
	Bi	209	261	153	58.8	ug/L
	Th	232	199	60	30.2	ug/L
	U	238	16	2	13.3	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL1

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 13:45:30
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 2

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CAL1.041
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	201	10	4.9	0.000124	**0.1455**	ug/L
	Be	9	33	52	2	3.0	0.000014	**0.0494**	ug/L
	B	11	169	588	43	7.3	0.000326	**0.9847**	ug/L
	Na	23	6859	98422	1282	1.3	0.071627	**14.1575**	ug/L
	Mg	24	156	12126	267	2.2	0.009372	**2.8710**	ug/L
	Al	27	891	6258	80	1.3	0.004192	**0.9550**	ug/L
	K	39	409328	454358	5564	1.2	0.030094	**3.6714**	ug/L
	Ca	44	69014	78079	265	0.3	0.006232	**29.0268**	ug/L
>	Sc	45	1256607	1277110	26648	2.1	1277109.774299		ug/L
	Ti	47	283	454	27	6.0	0.000130	**0.1943**	ug/L
	Ti	48	-5947	-3877	85	2.2	0.001696	**0.1982**	ug/L
	V	51	5985	7581	76	1.0	0.001175	**0.1488**	ug/L
	Cr	52	6084	7566	268	3.5	0.001084	**0.1447**	ug/L
	Cr	53	1948	2106	39	1.9	0.000100	**0.1520**	ug/L
	Mn	55	361	1087	34	3.1	0.000564	**0.0491**	ug/L
	Fe	54	51442	54203	2159	4.0	0.001494	**4.6167**	ug/L
	Fe	57	3551	5042	95	1.9	0.001124	**4.8555**	ug/L
	Co	59	37	1172	23	2.0	0.000888	**0.0989**	ug/L
	Ni	60	52	529	21	3.9	0.000373	**0.1958**	ug/L
	Ni	62	215	291	11	3.7	0.000057	**0.1934**	ug/L
	Cu	65	54	344	32	9.3	0.000404	**0.0992**	ug/L
	Cu	63	85	628	16	2.5	0.000757	**0.0981**	ug/L
	Zn	66	245	475	2	0.4	0.000318	**0.1997**	ug/L
	Zn	68	228	390	24	6.1	0.000223	**0.1953**	ug/L
>	Ge	74	709212	715573	8581	1.2	715573.452950		ug/L
	As	75	154	509	52	10.3	0.000494	**0.2006**	ug/L
	As-1	75	7631	7856	137	1.7	0.000218	**0.1994**	ug/L
	Se	77	105	135	10	7.5	0.000010	**0.2071**	ug/L
	Se	82	-3	33	12	35.6	0.000012	**0.1918**	ug/L
	Sr	88	94	1420	12	0.8	0.000429	**0.0487**	ug/L
	Y	89	67	59	9	14.7	-0.000002	**0.0122**	ug/L
	Mo	98	144	240	63	26.2	0.000032	**0.0200**	ug/L
	Ag	107	37	227	11	4.6	0.000062	**0.0192**	ug/L
	Ag	109	38	236	32	13.4	0.000064	**0.0198**	ug/L
	Cd	111	24	47	10	21.6	0.000008	**0.0097**	ug/L
	Cd	114	20	48	11	23.1	0.000009	**0.0026**	ug/L

>	In	115	3160654	3095896	41993	1.4	3095895.561283		ug/L
	Sn	120	17270	19805	94	0.5	0.000934	**0.1604**	ug/L
	Sb	121	224	284	34	11.9	0.000021	**0.3000**	ug/L
	Cs	133	20	1745	30	1.7	0.000557	**0.0496**	ug/L
	Ba	138	86	1356	83	6.1	0.000411	**0.0498**	ug/L
	Ce	140	36	335	11	3.3	0.000097	**0.0099**	ug/L
>	Tm	169	2730830	2698855	17494	0.6	2698855.302159		ug/L
	Tl	205	25	225	7	3.0	0.000074	**0.0100**	ug/L
	Pb	208	143	751	31	4.1	0.000226	**0.0243**	ug/L
	Bi	209	261	1165	110	9.4	0.000336	**0.0500**	ug/L
	Th	232	199	424	51	11.9	0.000084	**0.0206**	ug/L
	U	238	16	272	10	3.6	0.000095	**0.0099**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL2

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 13:49:25
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 3

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CAL2.042
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	387	20	5.2	0.000276	**0.3197**	ug/L
	Be	9	33	71	4	5.1	0.000031	**0.1030**	ug/L
	B	11	169	1057	14	1.3	0.000710	**2.0612**	ug/L
	Na	23	6859	201073	1379	0.7	0.155245	**32.9264**	ug/L
	Mg	24	156	25466	344	1.4	0.020232	**6.4464**	ug/L
	Al	27	891	12558	126	1.0	0.009327	**2.1637**	ug/L
	K	39	409328	506015	6200	1.2	0.078646	**9.2928**	ug/L
	Ca	44	69014	87488	239	0.3	0.015001	**63.1399**	ug/L
>	Sc	45	1256607	1251443	22367	1.8	1251443.239336		ug/L
	Ti	47	283	652	27	4.1	0.000296	**0.4250**	ug/L
	Ti	48	-5947	-1598	58	3.6	0.003455	**0.4104**	ug/L
	V	51	5985	9292	232	2.5	0.002662	**0.3053**	ug/L
	Cr	52	6084	9134	99	1.1	0.002459	**0.3202**	ug/L
	Cr	53	1948	2229	98	4.4	0.000231	**0.2941**	ug/L
	Mn	55	361	1809	64	3.5	0.001159	**0.1029**	ug/L
	Fe	54	51442	58148	1540	2.6	0.005523	**11.4769**	ug/L
	Fe	57	3551	6519	77	1.2	0.002384	**10.5090**	ug/L
	Co	59	37	2272	27	1.2	0.001787	**0.2037**	ug/L
	Ni	60	52	1035	12	1.1	0.000786	**0.4137**	ug/L
	Ni	62	215	367	23	6.3	0.000122	**0.4241**	ug/L
	Cu	65	54	625	17	2.7	0.000802	**0.2033**	ug/L
	Cu	63	85	1224	22	1.8	0.001599	**0.2071**	ug/L
	Zn	66	245	761	49	6.4	0.000725	**0.3996**	ug/L
	Zn	68	228	630	38	6.0	0.000563	**0.4191**	ug/L
>	Ge	74	709212	712177	9791	1.4	712177.075244		ug/L
	As	75	154	924	38	4.1	0.001082	**0.3978**	ug/L
	As-1	75	7631	8230	77	0.9	0.000799	**0.4044**	ug/L
	Se	77	105	159	3	1.9	0.000018	**0.3681**	ug/L
	Se	82	-3	83	18	21.4	0.000027	**0.4328**	ug/L
	Sr	88	94	2852	8	0.3	0.000887	**0.1046**	ug/L
	Y	89	67	53	7	12.5	-0.000004	**0.0113**	ug/L
	Mo	98	144	364	26	7.2	0.000072	**0.0403**	ug/L
	Ag	107	37	492	20	4.1	0.000146	**0.0433**	ug/L
	Ag	109	38	460	32	7.0	0.000136	**0.0408**	ug/L
	Cd	111	24	79	3	3.9	0.000018	**0.0215**	ug/L
	Cd	114	20	156	21	13.4	0.000044	**0.0201**	ug/L

>	In	115	3160654	3109069	17882	0.6	3109068.694895		ug/L
	Sn	120	17270	21018	395	1.9	0.001297	**0.2626**	ug/L
	Sb	121	224	392	11	2.8	0.000055	**0.3133**	ug/L
	Cs	133	20	3523	68	1.9	0.001127	**0.1018**	ug/L
	Ba	138	86	2645	13	0.5	0.000824	**0.1012**	ug/L
	Ce	140	36	666	21	3.2	0.000203	**0.0205**	ug/L
>	Tm	169	2730830	2709943	34058	1.3	2709942.625047		ug/L
	Tl	205	25	397	21	5.2	0.000137	**0.0197**	ug/L
	Pb	208	143	1430	38	2.7	0.000476	**0.0526**	ug/L
	Bi	209	261	2137	8	0.4	0.000693	**0.1008**	ug/L
	Th	232	199	669	185	27.7	0.000173	**0.0382**	ug/L
	U	238	16	545	26	4.7	0.000195	**0.0205**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL3

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 13:53:19
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 4

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CAL3.043
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	1635	49	3.0	0.001265	**1.4549**	ug/L
	Be	9	33	222	14	6.5	0.000150	**0.4965**	ug/L
	B	11	169	4608	131	2.8	0.003523	**9.9496**	ug/L
	Na	23	6859	933843	20025	2.1	0.735717	**163.2202**	ug/L
	Mg	24	156	121830	200	0.2	0.096563	**31.5769**	ug/L
	Al	27	891	56426	792	1.4	0.044070	**10.3414**	ug/L
	K	39	409328	847450	2242	0.3	0.346812	**40.3414**	ug/L
	Ca	44	69014	168048	1603	1.0	0.078448	**309.9630**	ug/L
>	Sc	45	1256607	1260076	7123	0.6	1260075.720043		ug/L
	Ti	47	283	2036	39	1.9	0.001391	**1.9436**	ug/L
	Ti	48	-5947	14228	87	0.6	0.016024	**1.9262**	ug/L
	V	51	5985	23562	90	0.4	0.013936	**1.4919**	ug/L
	Cr	52	6084	21018	460	2.2	0.011839	**1.5173**	ug/L
	Cr	53	1948	3581	139	3.9	0.001292	**1.4406**	ug/L
	Mn	55	361	7548	189	2.5	0.005703	**0.5139**	ug/L
	Fe	54	51442	87745	2620	3.0	0.028703	**50.9497**	ug/L
	Fe	57	3551	18039	258	1.4	0.011491	**51.3690**	ug/L
	Co	59	37	10982	206	1.9	0.008686	**1.0087**	ug/L
	Ni	60	52	4995	61	1.2	0.003922	**2.0695**	ug/L
	Ni	62	215	960	29	3.0	0.000591	**2.0656**	ug/L
	Cu	65	54	2771	23	0.8	0.003801	**0.9885**	ug/L
	Cu	63	85	5647	78	1.4	0.007779	**1.0073**	ug/L
	Zn	66	245	3101	37	1.2	0.003992	**2.0077**	ug/L
	Zn	68	228	2309	53	2.3	0.002906	**1.9604**	ug/L
>	Ge	74	709212	715489	24985	3.5	715488.701386		ug/L
	As	75	154	4227	133	3.1	0.005699	**1.9456**	ug/L
	As-1	75	7631	11342	38	0.3	0.005105	**1.9232**	ug/L
	Se	77	105	413	22	5.4	0.000097	**2.0708**	ug/L
	Se	82	-3	411	21	5.1	0.000131	**2.0029**	ug/L
	Sr	88	94	13421	92	0.7	0.004213	**0.5103**	ug/L
	Y	89	67	61	6	9.7	-0.000002	**0.0123**	ug/L
	Mo	98	144	1341	63	4.7	0.000378	**0.1967**	ug/L
	Ag	107	37	2205	53	2.4	0.000685	**0.1961**	ug/L
	Ag	109	38	2162	33	1.5	0.000671	**0.1978**	ug/L
	Cd	111	24	275	20	7.2	0.000079	**0.0942**	ug/L
	Cd	114	20	643	36	5.6	0.000197	**0.0973**	ug/L

>	In	115	3160654	3163603	45649	1.4	3163602.679216		ug/L
	Sn	120	17270	33964	781	2.3	0.005273	**1.3821**	ug/L
	Sb	121	224	1279	122	9.6	0.000333	**0.4208**	ug/L
	Cs	133	20	17082	174	1.0	0.005394	**0.4927**	ug/L
	Ba	138	86	12625	53	0.4	0.003964	**0.4923**	ug/L
	Ce	140	36	3111	35	1.1	0.000972	**0.0972**	ug/L
>	Tm	169	2730830	2744551	29297	1.1	2744551.443001		ug/L
	Tl	205	25	1891	97	5.1	0.000679	**0.1023**	ug/L
	Pb	208	143	6358	150	2.4	0.002264	**0.2553**	ug/L
	Bi	209	261	9518	453	4.8	0.003372	**0.4821**	ug/L
	Th	232	199	2656	1101	41.5	0.000892	**0.1799**	ug/L
	U	238	16	2622	31	1.2	0.000950	**0.1000**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL4

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 13:57:14
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CAL4.044
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	2772	50	1.8	0.002167	**2.4909**	ug/L
	Be	9	33	386	22	5.6	0.000280	**0.9241**	ug/L
	B	11	169	22889	178	0.8	0.018029	**50.6333**	ug/L
	Na	23	6859	2737222	27452	1.0	2.166846	**484.4535**	ug/L
	Mg	24	156	798098	4325	0.5	0.633233	**208.2639**	ug/L
	Al	27	891	278667	2505	0.9	0.220443	**51.8566**	ug/L
	K	39	409328	1513219	10905	0.7	0.875136	**101.5113**	ug/L
	Ca	44	69014	414212	2055	0.5	0.273772	**1069.8168**	ug/L
>	Sc	45	1256607	1260287	16970	1.3	1260287.442638		ug/L
	Ti	47	283	4806	41	0.9	0.003589	**4.9937**	ug/L
	Ti	48	-5947	45724	499	1.1	0.041017	**4.9405**	ug/L
	V	51	5985	65612	1691	2.6	0.047294	**5.0029**	ug/L
	Cr	52	6084	132020	3065	2.3	0.099903	**12.7553**	ug/L
	Cr	53	1948	16855	400	2.4	0.011823	**12.8170**	ug/L
	Mn	55	361	36320	312	0.9	0.028532	**2.5788**	ug/L
	Fe	54	51442	242824	6848	2.8	0.151712	**260.4173**	ug/L
	Fe	57	3551	75257	952	1.3	0.056889	**255.0611**	ug/L
	Co	59	37	27324	534	2.0	0.021655	**2.5219**	ug/L
	Ni	60	52	12062	286	2.4	0.009533	**5.0310**	ug/L
	Ni	62	215	1991	38	1.9	0.001409	**4.9316**	ug/L
	Cu	65	54	14089	162	1.2	0.019821	**5.1828**	ug/L
	Cu	63	85	27975	437	1.6	0.039385	**5.1002**	ug/L
	Zn	66	245	7616	142	1.9	0.010409	**5.1662**	ug/L
	Zn	68	228	5759	25	0.4	0.007811	**5.1879**	ug/L
>	Ge	74	709212	708153	6263	0.9	708153.338011		ug/L
	As	75	154	11032	232	2.1	0.015364	**5.1852**	ug/L
	As-1	75	7631	17643	145	0.8	0.014156	**5.1158**	ug/L
	Se	77	105	1590	104	6.6	0.000472	**10.1046**	ug/L
	Se	82	-3	2041	43	2.1	0.000648	**9.8528**	ug/L
	Sr	88	94	134320	2206	1.6	0.042581	**5.1896**	ug/L
	Y	89	67	20758	494	2.4	0.006564	**3.0348**	ug/L
	Mo	98	144	3182	57	1.8	0.000964	**0.4954**	ug/L
	Ag	107	37	11118	184	1.7	0.003515	**0.9985**	ug/L
	Ag	109	38	10684	294	2.8	0.003379	**0.9918**	ug/L
	Cd	111	24	1385	14	1.0	0.000432	**0.5098**	ug/L
	Cd	114	20	3124	46	1.5	0.000985	**0.4935**	ug/L

>	In	115	3160654	3153977	83592	2.7	3153977.104936		ug/L
	Sn	120	17270	45721	389	0.9	0.009040	**2.4424**	ug/L
	Sb	121	224	6055	735	12.1	0.001853	**1.0083**	ug/L
	Cs	133	20	84106	2531	3.0	0.026673	**2.4417**	ug/L
	Ba	138	86	62227	2041	3.3	0.019715	**2.4537**	ug/L
	Ce	140	36	16078	434	2.7	0.005091	**0.5080**	ug/L
>	Tm	169	2730830	2730138	19311	0.7	2730137.923247		ug/L
	Tl	205	25	4713	35	0.7	0.001717	**0.2604**	ug/L
	Pb	208	143	62117	67	0.1	0.022701	**2.5722**	ug/L
	Bi	209	261	48435	2007	4.1	0.017649	**2.5143**	ug/L
	Th	232	199	7056	2411	34.2	0.002515	**0.4999**	ug/L
	U	238	16	13342	191	1.4	0.004882	**0.5145**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL5

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 14:01:09
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CAL5.045
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	5594	71	1.3	0.004371	**5.0224**	ug/L
	Be	9	33	839	33	4.0	0.000635	**2.0889**	ug/L
	B	11	169	46677	1003	2.1	0.036621	**102.7769**	ug/L
	Na	23	6859	5539197	46894	0.8	4.355862	**975.8036**	ug/L
	Mg	24	156	7396768	155141	2.1	5.824317	**1917.3168**	ug/L
	Al	27	891	2634724	66188	2.5	2.074068	**488.1667**	ug/L
	K	39	409328	11204685	94442	0.8	8.495785	**983.8396**	ug/L
	Ca	44	69014	773385	9661	1.2	0.553927	**2159.6829**	ug/L
>	Sc	45	1256607	1270252	15069	1.2	1270252.278240		ug/L
	Ti	47	283	9446	173	1.8	0.007213	**10.0220**	ug/L
	Ti	48	-5947	97681	1507	1.5	0.081648	**9.8409**	ug/L
	V	51	5985	126517	1654	1.3	0.094855	**10.0086**	ug/L
	Cr	52	6084	263384	3196	1.2	0.202527	**25.8513**	ug/L
	Cr	53	1948	32048	518	1.6	0.023684	**25.6306**	ug/L
	Mn	55	361	361448	6724	1.9	0.284313	**25.7132**	ug/L
	Fe	54	51442	431466	6126	1.4	0.298802	**510.8910**	ug/L
	Fe	57	3551	150477	1804	1.2	0.115650	**518.7093**	ug/L
	Co	59	37	55737	1330	2.4	0.043859	**5.1125**	ug/L
	Ni	60	52	24737	361	1.5	0.019437	**10.2594**	ug/L
	Ni	62	215	3916	96	2.5	0.002913	**10.2018**	ug/L
	Cu	65	54	28209	507	1.8	0.039629	**10.3688**	ug/L
	Cu	63	85	57152	154	0.3	0.080303	**10.3991**	ug/L
	Zn	66	245	74199	984	1.3	0.104080	**51.2695**	ug/L
	Zn	68	228	55190	774	1.4	0.077336	**50.9325**	ug/L
>	Ge	74	709212	710908	16481	2.3	710907.838612		ug/L
	As	75	154	22300	823	3.7	0.031151	**10.4773**	ug/L
	As-1	75	7631	27971	935	3.3	0.028584	**10.2052**	ug/L
	Se	77	105	3186	25	0.8	0.000972	**20.8364**	ug/L
	Se	82	-3	4290	72	1.7	0.001354	**20.5701**	ug/L
	Sr	88	94	270642	4165	1.5	0.085334	**10.4038**	ug/L
	Y	89	67	79	10	12.7	0.000004	**0.0149**	ug/L
	Mo	98	144	31733	709	2.2	0.009963	**5.0854**	ug/L
	Ag	107	37	22822	384	1.7	0.007187	**2.0397**	ug/L
	Ag	109	38	22268	413	1.9	0.007011	**2.0571**	ug/L
	Cd	111	24	2720	110	4.0	0.000850	**1.0029**	ug/L
	Cd	114	20	6462	200	3.1	0.002032	**1.0203**	ug/L

>	In	115	3160654	3170468	33151	1.0	3170468.129299		ug/L
	Sn	120	17270	76823	874	1.1	0.018768	**5.1811**	ug/L
	Sb	121	224	14069	1261	9.0	0.004370	**1.9810**	ug/L
	Cs	133	20	172918	2165	1.3	0.054533	**4.9936**	ug/L
	Ba	138	86	625683	6406	1.0	0.197326	**24.5710**	ug/L
	Ce	140	36	31812	314	1.0	0.010023	**1.0001**	ug/L
>	Tm	169	2730830	2784823	42763	1.5	2784822.980900		ug/L
	Tl	205	25	9457	133	1.4	0.003387	**0.5149**	ug/L
	Pb	208	143	126270	529	0.4	0.045299	**5.1341**	ug/L
	Bi	209	261	500405	9571	1.9	0.179658	**25.5744**	ug/L
	Th	232	199	15858	4532	28.6	0.005639	**1.1158**	ug/L
	U	238	16	26884	205	0.8	0.009649	**1.0171**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL6

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 14:05:03
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CAL6.046
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	10968	267	2.4	0.008925	**10.2513**	ug/L
	Be	9	33	1542	29	1.9	0.001234	**4.0597**	ug/L
	B	11	169	218327	4313	2.0	0.178187	**499.8123**	ug/L
	Na	23	6859	26651754	440142	1.7	21.764860	**4883.4550**	ug/L
	Mg	24	156	36292164	1318798	3.6	29.636787	**9757.0619**	ug/L
	Al	27	891	12825905	360019	2.8	10.474073	**2465.3767**	ug/L
	K	39	409328	52059082	1277398	2.5	42.191251	**4885.1425**	ug/L
	Ca	44	69014	3016647	48366	1.6	2.408944	**9376.1258**	ug/L
>	Sc	45	1256607	1224356	19142	1.6	1224355.714418		ug/L
	Ti	47	283	44550	513	1.2	0.036164	**50.1905**	ug/L
	Ti	48	-5947	530000	5736	1.1	0.437642	**52.7756**	ug/L
	V	51	5985	238719	3245	1.4	0.190217	**20.0455**	ug/L
	Cr	52	6084	1194841	21777	1.8	0.971033	**123.9224**	ug/L
	Cr	53	1948	144047	4050	2.8	0.116087	**125.4546**	ug/L
	Mn	55	361	1687088	44916	2.7	1.377494	**124.5875**	ug/L
	Fe	54	51442	1797020	52668	2.9	1.426672	**2431.4983**	ug/L
	Fe	57	3551	685068	14942	2.2	0.556672	**2497.4793**	ug/L
	Co	59	37	265673	5060	1.9	0.216954	**25.3087**	ug/L
	Ni	60	52	117177	1141	1.0	0.095670	**50.5033**	ug/L
	Ni	62	215	17511	233	1.3	0.014132	**49.5189**	ug/L
	Cu	65	54	130538	1994	1.5	0.190593	**49.8932**	ug/L
	Cu	63	85	263002	2002	0.8	0.384035	**49.7316**	ug/L
	Zn	66	245	351496	3322	0.9	0.513067	**252.5660**	ug/L
	Zn	68	228	258907	3174	1.2	0.377848	**248.6564**	ug/L
>	Ge	74	709212	684620	2218	0.3	684620.247004		ug/L
	As	75	154	99600	1004	1.0	0.145263	**48.7291**	ug/L
	As-1	75	7631	103564	1021	1.0	0.140510	**49.6863**	ug/L
	Se	77	105	5913	47	0.8	0.001889	**40.5124**	ug/L
	Se	82	-3	8279	110	1.3	0.002692	**40.8770**	ug/L
	Sr	88	94	1259626	11969	1.0	0.409464	**49.9351**	ug/L
	Y	89	67	118	25	20.9	0.000017	**0.0210**	ug/L
	Mo	98	144	153373	2907	1.9	0.049809	**25.4094**	ug/L
	Ag	107	37	109125	780	0.7	0.035464	**10.0583**	ug/L
	Ag	109	38	106104	1057	1.0	0.034482	**10.1132**	ug/L
	Cd	111	24	13193	15	0.1	0.004281	**5.0472**	ug/L
	Cd	114	20	31024	666	2.1	0.010078	**5.0682**	ug/L

>	In	115	3160654	3076206	33524	1.1	3076205.581684		ug/L
	Sn	120	17270	130770	1293	1.0	0.037047	**10.3274**	ug/L
	Sb	121	224	29219	2953	10.1	0.009423	**3.9343**	ug/L
	Cs	133	20	332468	464	0.1	0.108081	**9.8984**	ug/L
	Ba	138	86	3037235	31345	1.0	0.987439	**122.9615**	ug/L
	Ce	140	36	151593	654	0.4	0.049273	**4.9154**	ug/L
>	Tm	169	2730830	2712484	32468	1.2	2712483.779923		ug/L
	Tl	205	25	44621	1292	2.9	0.016446	**2.5047**	ug/L
	Pb	208	143	242808	2845	1.2	0.089479	**10.1427**	ug/L
	Bi	209	261	2471433	35752	1.4	0.911219	**129.7040**	ug/L
	Th	232	199	37552	6422	17.1	0.013787	**2.7224**	ug/L
	U	238	16	52384	1011	1.9	0.019306	**2.0352**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL7

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 14:08:58
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 8

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CAL7.047
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	26077	1755	6.7	0.021846	**25.0881**	ug/L
	Be	9	33	3699	141	3.8	0.003078	**10.1251**	ug/L
	B	11	169	423179	10180	2.4	0.355093	**995.9602**	ug/L
	Na	23	6859	52116804	1209023	2.3	43.742876	**9816.6758**	ug/L
	Mg	24	156	70718434	500012	0.7	59.382555	**19550.2179**	ug/L
	Al	27	891	24822265	234123	0.9	20.841852	**4905.7656**	ug/L
	K	39	409328	101666344	1465326	1.4	85.026534	**9844.6647**	ug/L
	Ca	44	69014	5804040	47312	0.8	4.818044	**18748.0733**	ug/L
>	Sc	45	1256607	1191217	21260	1.8	1191217.016301		ug/L
	Ti	47	283	85077	480	0.6	0.071207	**98.8104**	ug/L
	Ti	48	-5947	1004815	2473	0.2	0.848448	**102.3210**	ug/L
	V	51	5985	566816	6922	1.2	0.471122	**49.6110**	ug/L
	Cr	52	6084	2235889	8730	0.4	1.872599	**238.9735**	ug/L
	Cr	53	1948	279470	3146	1.1	0.233135	**251.9043**	ug/L
	Mn	55	361	3172625	38420	1.2	2.663892	**240.9376**	ug/L
	Fe	54	51442	3354266	33739	1.0	2.775798	**4728.8736**	ug/L
	Fe	57	3551	1293137	1871	0.1	1.082960	**4858.8237**	ug/L
	Co	59	37	502792	2847	0.6	0.422170	**49.2525**	ug/L
	Ni	60	52	218257	963	0.4	0.183209	**96.7158**	ug/L
	Ni	62	215	34062	423	1.2	0.028425	**99.6073**	ug/L
	Cu	65	54	249371	4755	1.9	0.376425	**98.5462**	ug/L
	Cu	63	85	504212	10846	2.2	0.761121	**98.5632**	ug/L
	Zn	66	245	660394	10972	1.7	0.996747	**490.6256**	ug/L
	Zn	68	228	498235	11961	2.4	0.751949	**494.7992**	ug/L
>	Ge	74	709212	662332	11834	1.8	662331.963341		ug/L
	As	75	154	195933	4373	2.2	0.295593	**99.1212**	ug/L
	As-1	75	7631	196003	3790	1.9	0.285166	**100.7124**	ug/L
	Se	77	105	14225	283	2.0	0.004681	**100.4092**	ug/L
	Se	82	-3	19455	340	1.7	0.006448	**97.8883**	ug/L
	Sr	88	94	2373573	21351	0.9	0.786610	**95.9321**	ug/L
	Y	89	67	180	11	6.1	0.000038	**0.0309**	ug/L
	Mo	98	144	296335	4345	1.5	0.098166	**50.0741**	ug/L
	Ag	107	37	213068	2765	1.3	0.070595	**20.0204**	ug/L
	Ag	109	38	206768	1409	0.7	0.068513	**20.0934**	ug/L
	Cd	111	24	25690	99	0.4	0.008506	**10.0272**	ug/L
	Cd	114	20	60761	232	0.4	0.020130	**10.1248**	ug/L

>	In	115	3160654	3017595	22113	0.7	3017594.980050		ug/L
	Sn	120	17270	296704	4576	1.5	0.092869	**26.0428**	ug/L
	Sb	121	224	75490	5623	7.4	0.024939	**9.9319**	ug/L
	Cs	133	20	827959	23512	2.8	0.274411	**25.1335**	ug/L
	Ba	138	86	6144262	184046	3.0	2.036366	**253.5813**	ug/L
	Ce	140	36	300699	4194	1.4	0.099643	**9.9400**	ug/L
>	Tm	169	2730830	2721655	54473	2.0	2721655.005064		ug/L
	Tl	205	25	87353	1242	1.4	0.032095	**4.8891**	ug/L
	Pb	208	143	580613	5835	1.0	0.213309	**24.1810**	ug/L
	Bi	209	261	4811946	7314	0.2	1.768374	**251.7105**	ug/L
	Th	232	199	105761	9744	9.2	0.038844	**7.6629**	ug/L
	U	238	16	127286	1567	1.2	0.046780	**4.9316**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL8

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 14:12:52
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 9

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CAL8.048
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	48024	3003	6.3	0.042012	**48.2453**	ug/L
	Be	9	33	6919	106	1.5	0.006037	**19.8558**	ug/L
	B	11	169	776524	30504	3.9	0.680080	**1907.4179**	ug/L
	Na	23	6859	98374785	1365930	1.4	86.207589	**19348.3731**	ug/L
	Mg	24	156	133453604	815611	0.6	116.982491	**38513.7617**	ug/L
	Al	27	891	45968034	586785	1.3	40.286027	**9482.5750**	ug/L
	K	39	409328	187952840	3081338	1.6	164.373169	**19031.5166**	ug/L
	Ca	44	69014	10885564	378948	3.5	9.481228	**36888.9235**	ug/L
>	Sc	45	1256607	1141861	44633	3.9	1141861.172016		ug/L
	Ti	47	283	164905	2215	1.3	0.144321	**200.2528**	ug/L
	Ti	48	-5947	1827012	12118	0.7	1.606461	**193.7414**	ug/L
	V	51	5985	1089581	25364	2.3	0.950014	**100.0148**	ug/L
	Cr	52	6084	4273842	95913	2.2	3.739958	**477.2719**	ug/L
	Cr	53	1948	521537	10955	2.1	0.455455	**492.0798**	ug/L
	Mn	55	361	5937014	192011	3.2	5.200864	**470.3977**	ug/L
	Fe	54	51442	6265101	142965	2.3	5.449258	**9281.4070**	ug/L
	Fe	57	3551	2349799	101237	4.3	2.055410	**9221.9986**	ug/L
	Co	59	37	934331	26844	2.9	0.818533	**95.4988**	ug/L
	Ni	60	52	407611	9351	2.3	0.357255	**188.5954**	ug/L
	Ni	62	215	61877	1592	2.6	0.054060	**189.4392**	ug/L
	Cu	65	54	451482	8655	1.9	0.723035	**189.2933**	ug/L
	Cu	63	85	903176	25860	2.9	1.445952	**187.2472**	ug/L
	Zn	66	245	1203621	39175	3.3	1.926597	**948.2826**	ug/L
	Zn	68	228	906750	24917	2.7	1.451422	**955.0228**	ug/L
>	Ge	74	709212	624862	24265	3.9	624861.654127		ug/L
	As	75	154	364956	11788	3.2	0.583985	**195.7938**	ug/L
	As-1	75	7631	355713	10862	3.1	0.558657	**197.1841**	ug/L
	Se	77	105	26281	1081	4.1	0.008759	**187.9061**	ug/L
	Se	82	-3	37142	1739	4.7	0.012427	**188.6276**	ug/L
	Sr	88	94	4522178	174068	3.8	1.512947	**184.5167**	ug/L
	Y	89	67	332	6	1.9	0.000090	**0.0546**	ug/L
	Mo	98	144	577375	14262	2.5	0.193188	**98.5405**	ug/L
	Ag	107	37	401013	8521	2.1	0.134195	**38.0557**	ug/L
	Ag	109	38	392573	7369	1.9	0.131396	**38.5349**	ug/L
	Cd	111	24	49688	794	1.6	0.016627	**19.5990**	ug/L
	Cd	114	20	117437	2020	1.7	0.039304	**19.7710**	ug/L

>	In	115	3160654	2988579	86020	2.9	2988578.815571		ug/L
	Sn	120	17270	572213	7716	1.3	0.186145	**52.3028**	ug/L
	Sb	121	224	156422	12294	7.9	0.052249	**20.4883**	ug/L
	Cs	133	20	1684295	16835	1.0	0.563984	**51.6573**	ug/L
	Ba	138	86	12529516	265557	2.1	4.196071	**522.5230**	ug/L
	Ce	140	36	610703	8269	1.4	0.204483	**20.3983**	ug/L
>	Tm	169	2730830	2804590	37834	1.3	2804590.412613		ug/L
	Tl	205	25	172839	2146	1.2	0.061621	**9.3880**	ug/L
	Pb	208	143	1135866	4781	0.4	0.404984	**45.9108**	ug/L
	Bi	209	261	9409917	22820	0.2	3.355562	**477.6292**	ug/L
	Th	232	199	229116	10066	4.4	0.081645	**16.1021**	ug/L
	U	238	16	249970	1721	0.7	0.089136	**9.3969**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICB2

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 14:16:48
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB2.049
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	98	4	4.1	0.000048	**0.0575**	ug/L
	Be	9	33	25	2	6.2	-0.000006	**-0.0172**	ug/L
	B	11	169	1030	266	25.8	0.000709	**2.0590**	ug/L
	Na	23	6859	18091	5387	29.8	0.009356	**0.1798**	ug/L
	Mg	24	156	836	592	70.8	0.000560	**-0.0300**	ug/L
	Al	27	891	1150	317	27.6	0.000232	**0.0228**	ug/L
	K	39	409328	457907	19473	4.3	0.049101	**5.8720**	ug/L
	Ca	44	69014	64359	161	0.3	-0.002239	**-3.9271**	ug/L
>	Sc	45	1256607	1221706	9435	0.8	1221705.562685		ug/L
	Ti	47	283	302	31	10.3	0.000022	**0.0442**	ug/L
	Ti	48	-5947	-5007	192	3.8	0.000634	**0.0701**	ug/L
	V	51	5985	5598	130	2.3	-0.000180	**0.0062**	ug/L
	Cr	52	6084	6241	96	1.5	0.000267	**0.0405**	ug/L
	Cr	53	1948	1795	44	2.4	-0.000081	**-0.0427**	ug/L
	Mn	55	361	456	69	15.1	0.000086	**0.0058**	ug/L
	Fe	54	51442	51507	626	1.2	0.001222	**4.1535**	ug/L
	Fe	57	3551	3669	66	1.8	0.000177	**0.6092**	ug/L
	Co	59	37	42	5	12.6	0.000005	**-0.0042**	ug/L
	Ni	60	52	55	9	17.2	0.000003	**0.0006**	ug/L
	Ni	62	215	228	16	7.1	0.000015	**0.0486**	ug/L
	Cu	65	54	66	11	17.0	0.000021	**-0.0013**	ug/L
	Cu	63	85	130	19	14.6	0.000070	**0.0091**	ug/L
	Zn	66	245	245	7	2.9	0.000014	**0.0501**	ug/L
	Zn	68	228	251	17	7.0	0.000046	**0.0790**	ug/L
>	Ge	74	709212	682805	8029	1.2	682805.246138		ug/L
	As	75	154	370	42	11.2	0.000325	**0.1442**	ug/L
	As-1	75	7631	7437	101	1.4	0.000132	**0.1691**	ug/L
	Se	77	105	166	12	7.3	0.000019	**0.3860**	ug/L
	Se	82	-3	76	13	16.8	0.000025	**0.3913**	ug/L
	Sr	88	94	126	19	15.2	0.000009	**-0.0024**	ug/L
	Y	89	67	71	19	26.3	0.000001	**0.0135**	ug/L
	Mo	98	144	3239	919	28.4	0.000967	**0.4967**	ug/L
	Ag	107	37	341	39	11.3	0.000095	**0.0286**	ug/L
	Ag	109	38	339	13	3.9	0.000094	**0.0284**	ug/L
	Cd	111	24	30	1	1.9	0.000002	**0.0026**	ug/L
	Cd	114	20	14	10	69.3	-0.000002	**-0.0030**	ug/L

>	In	115	3160654	3208851	49473	1.5	3208851.490904		ug/L
	Sn	120	17270	21854	2314	10.6	0.001353	**0.2783**	ug/L
	Sb	121	224	6800	1871	27.5	0.002054	**1.0860**	ug/L
	Cs	133	20	252	65	25.8	0.000072	**0.0052**	ug/L
	Ba	138	86	148	46	31.2	0.000019	**0.0010**	ug/L
	Ce	140	36	45	9	20.8	0.000003	**0.0005**	ug/L
>	Tm	169	2730830	2826032	28297	1.0	2826032.104493		ug/L
	Tl	205	25	552	204	37.0	0.000186	**0.0270**	ug/L
	Pb	208	143	145	2	1.4	-0.000001	**-0.0015**	ug/L
	Bi	209	261	16106	6418	39.9	0.005592	**0.7981**	ug/L
	Th	232	199	4460	1659	37.2	0.001503	**0.3003**	ug/L
	U	238	16	59	14	23.1	0.000015	**0.0014**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	97.223
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	96.277
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	101.525
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	103.486
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICV1

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 14:23:07
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 10

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICV1.050
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	13156	512	3.9	0.010599	**12.1736**	ug/L
	Be	9	33	423	14	3.2	0.000316	**1.0416**	ug/L
	B	11	169	22200	470	2.1	0.017821	**50.0491**	ug/L
	Na	23	6859	2764611	46986	1.7	2.229647	**498.5501**	ug/L
	Mg	24	156	829111	4440	0.5	0.670442	**220.5140**	ug/L
	Al	27	891	288603	2536	0.9	0.232724	**54.7472**	ug/L
	K	39	409328	1541175	41637	2.7	0.919979	**106.7033**	ug/L
	Ca	44	69014	409968	5086	1.2	0.276563	**1080.6754**	ug/L
>	Sc	45	1256607	1238544	64436	5.2	1238544.379377		ug/L
	Ti	47	283	4654	104	2.2	0.003540	**4.9253**	ug/L
	Ti	48	-5947	44203	1050	2.4	0.040472	**4.8748**	ug/L
	V	51	5985	66086	1230	1.9	0.048667	**5.1473**	ug/L
	Cr	52	6084	135041	578	0.4	0.104401	**13.3293**	ug/L
	Cr	53	1948	16948	104	0.6	0.012158	**13.1785**	ug/L
	Mn	55	361	36788	352	1.0	0.029463	**2.6629**	ug/L
	Fe	54	51442	236574	5161	2.2	0.150305	**258.0212**	ug/L
	Fe	57	3551	74237	683	0.9	0.057209	**256.4977**	ug/L
	Co	59	37	28337	647	2.3	0.022899	**2.6671**	ug/L
	Ni	60	52	12377	285	2.3	0.009963	**5.2582**	ug/L
	Ni	62	215	2061	73	3.5	0.001495	**5.2328**	ug/L
	Cu	65	54	13771	265	1.9	0.019670	**5.1431**	ug/L
	Cu	63	85	27914	715	2.6	0.039894	**5.1662**	ug/L
	Zn	66	245	7666	27	0.4	0.010651	**5.2851**	ug/L
	Zn	68	228	5706	144	2.5	0.007860	**5.2203**	ug/L
>	Ge	74	709212	697849	26887	3.9	697849.023604		ug/L
	As	75	154	11073	178	1.6	0.015669	**5.2875**	ug/L
	As-1	75	7631	17603	363	2.1	0.014497	**5.2360**	ug/L
	Se	77	105	1620	113	7.0	0.000482	**10.3323**	ug/L
	Se	82	-3	2115	44	2.1	0.000673	**10.2347**	ug/L
	Sr	88	94	133731	1915	1.4	0.042485	**5.1779**	ug/L
	Y	89	67	32172	253	0.8	0.010204	**4.7102**	ug/L
	Mo	98	144	4167	449	10.8	0.001283	**0.6580**	ug/L
	Ag	107	37	12716	288	2.3	0.004029	**1.1442**	ug/L
	Ag	109	38	12408	320	2.6	0.003930	**1.1536**	ug/L
	Cd	111	24	1370	9	0.6	0.000428	**0.5051**	ug/L
	Cd	114	20	3295	47	1.4	0.001042	**0.5221**	ug/L

>	In	115	3160654	3149175	129485	4.1	3149174.570858		ug/L
	Sn	120	17270	49445	780	1.6	0.010258	**2.7854**	ug/L
	Sb	121	224	12089	1172	9.7	0.003781	**1.7535**	ug/L
	Cs	133	20	89606	1509	1.7	0.028493	**2.6084**	ug/L
	Ba	138	86	66101	1385	2.1	0.020996	**2.6132**	ug/L
	Ce	140	36	45	4	9.7	0.000003	**0.0005**	ug/L
>	Tm	169	2730830	2786996	88268	3.2	2786995.798540		ug/L
	Tl	205	25	5100	122	2.4	0.001823	**0.2765**	ug/L
	Pb	208	143	65140	205	0.3	0.023335	**2.6441**	ug/L
	Bi	209	261	54269	183	0.3	0.019391	**2.7623**	ug/L
	Th	232	199	12193	939	7.7	0.004298	**0.8514**	ug/L
	U	238	16	13810	76	0.6	0.004952	**0.5219**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	98.563
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	98.398
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.637
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	102.057
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICB3

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 14:27:03
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB3.051
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	69	13	18.2	0.000023	**0.0297**	ug/L
	Be	9	33	29	6	22.4	-0.000003	**-0.0065**	ug/L
	B	11	169	376	53	14.1	0.000174	**0.5567**	ug/L
	Na	23	6859	8821	186	2.1	0.001766	**-1.5238**	ug/L
	Mg	24	156	197	14	7.1	0.000037	**-0.2022**	ug/L
	Al	27	891	894	73	8.2	0.000023	**-0.0263**	ug/L
	K	39	409328	417179	6414	1.5	0.015898	**2.0278**	ug/L
	Ca	44	69014	62400	381	0.6	-0.003824	**-10.0966**	ug/L
>	Sc	45	1256607	1221395	15248	1.2	1221395.464965		ug/L
	Ti	47	283	264	12	4.5	-0.000009	**0.0017**	ug/L
	Ti	48	-5947	-5245	60	1.1	0.000437	**0.0464**	ug/L
	V	51	5985	5387	220	4.1	-0.000350	**-0.0117**	ug/L
	Cr	52	6084	6241	246	3.9	0.000270	**0.0409**	ug/L
	Cr	53	1948	1739	59	3.4	-0.000126	**-0.0920**	ug/L
	Mn	55	361	374	45	12.2	0.000019	**-0.0002**	ug/L
	Fe	54	51442	49142	1817	3.7	-0.000689	**0.8994**	ug/L
	Fe	57	3551	3495	89	2.5	0.000036	**-0.0253**	ug/L
	Co	59	37	47	13	26.8	0.000009	**-0.0037**	ug/L
	Ni	60	52	52	2	4.3	0.000002	**-0.0004**	ug/L
	Ni	62	215	215	16	7.4	0.000005	**0.0138**	ug/L
	Cu	65	54	58	8	13.7	0.000009	**-0.0044**	ug/L
	Cu	63	85	104	24	22.9	0.000030	**0.0040**	ug/L
	Zn	66	245	246	18	7.2	0.000014	**0.0497**	ug/L
	Zn	68	228	233	17	7.1	0.000017	**0.0597**	ug/L
>	Ge	74	709212	686835	5442	0.8	686834.963925		ug/L
	As	75	154	143	68	47.4	-0.000008	**0.0324**	ug/L
	As-1	75	7631	7503	88	1.2	0.000165	**0.1806**	ug/L
	Se	77	105	107	17	16.2	0.000001	**0.0111**	ug/L
	Se	82	-3	12	8	70.8	0.000005	**0.0872**	ug/L
	Sr	88	94	110	12	11.3	0.000005	**-0.0029**	ug/L
	Y	89	67	60	19	32.3	-0.000002	**0.0123**	ug/L
	Mo	98	144	450	198	44.1	0.000098	**0.0540**	ug/L
	Ag	107	37	167	12	7.1	0.000042	**0.0136**	ug/L
	Ag	109	38	180	8	4.5	0.000046	**0.0144**	ug/L
	Cd	111	24	17	3	17.6	-0.000002	**-0.0019**	ug/L
	Cd	114	20	18	25	136.1	-0.000000	**-0.0022**	ug/L

>	In	115	3160654	3113285	29895	1.0	3113284.753847		ug/L
	Sn	120	17270	18808	1640	8.7	0.000574	**0.0591**	ug/L
	Sb	121	224	1088	353	32.4	0.000278	**0.3994**	ug/L
	Cs	133	20	54	10	18.8	0.000011	**-0.0004**	ug/L
	Ba	138	86	96	16	16.2	0.000004	**-0.0009**	ug/L
	Ce	140	36	32	4	11.7	-0.000001	**0.0002**	ug/L
>	Tm	169	2730830	2790586	55764	2.0	2790586.156455		ug/L
	Tl	205	25	38	13	34.5	0.000004	**-0.0006**	ug/L
	Pb	208	143	158	9	5.5	0.000004	**-0.0009**	ug/L
	Bi	209	261	1515	692	45.7	0.000444	**0.0654**	ug/L
	Th	232	199	1589	636	40.0	0.000494	**0.1015**	ug/L
	U	238	16	18	2	9.6	0.000001	**-0.0001**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	97.198
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	96.845
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.501
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	102.188
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICV1

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 14:34:05
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 10

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICV1.052
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	13721	892	6.5	0.010778	**12.3791**	ug/L
	Be	9	33	409	9	2.2	0.000296	**0.9768**	ug/L
	B	11	169	22148	1016	4.6	0.017323	**48.6528**	ug/L
	Na	23	6859	2799170	51616	1.8	2.201666	**492.2694**	ug/L
	Mg	24	156	840530	10181	1.2	0.662688	**217.9611**	ug/L
	Al	27	891	295032	4670	1.6	0.231944	**54.5637**	ug/L
	K	39	409328	1555397	24063	1.5	0.900874	**104.4914**	ug/L
	Ca	44	69014	419152	7366	1.8	0.275576	**1076.8342**	ug/L
>	Sc	45	1256607	1268371	29736	2.3	1268370.998811		ug/L
	Ti	47	283	4767	28	0.6	0.003535	**4.9178**	ug/L
	Ti	48	-5947	44690	355	0.8	0.039984	**4.8159**	ug/L
	V	51	5985	67639	527	0.8	0.048578	**5.1380**	ug/L
	Cr	52	6084	136721	665	0.5	0.102994	**13.1497**	ug/L
	Cr	53	1948	17153	339	2.0	0.011975	**12.9807**	ug/L
	Mn	55	361	37237	961	2.6	0.029071	**2.6275**	ug/L
	Fe	54	51442	237718	6306	2.7	0.146475	**251.4984**	ug/L
	Fe	57	3551	74337	1723	2.3	0.055786	**250.1146**	ug/L
	Co	59	37	28444	690	2.4	0.022397	**2.6085**	ug/L
	Ni	60	52	12245	413	3.4	0.009612	**5.0728**	ug/L
	Ni	62	215	2052	51	2.5	0.001447	**5.0647**	ug/L
	Cu	65	54	13923	465	3.3	0.019218	**5.0249**	ug/L
	Cu	63	85	28307	766	2.7	0.039097	**5.0630**	ug/L
	Zn	66	245	7838	193	2.5	0.010514	**5.2176**	ug/L
	Zn	68	228	5884	235	4.0	0.007827	**5.1984**	ug/L
>	Ge	74	709212	721977	24935	3.5	721977.236227		ug/L
	As	75	154	11246	324	2.9	0.015365	**5.1858**	ug/L
	As-1	75	7631	17712	513	2.9	0.013782	**4.9839**	ug/L
	Se	77	105	1625	44	2.7	0.000471	**10.0982**	ug/L
	Se	82	-3	2135	19	0.9	0.000664	**10.0915**	ug/L
	Sr	88	94	137731	2741	2.0	0.042733	**5.2082**	ug/L
	Y	89	67	32302	440	1.4	0.010008	**4.6198**	ug/L
	Mo	98	144	3602	169	4.7	0.001073	**0.5509**	ug/L
	Ag	107	37	12638	325	2.6	0.003912	**1.1111**	ug/L
	Ag	109	38	12337	466	3.8	0.003819	**1.1208**	ug/L
	Cd	111	24	1404	46	3.3	0.000428	**0.5054**	ug/L
	Cd	114	20	3268	100	3.1	0.001008	**0.5053**	ug/L

>	In	115	3160654	3220909	9170	0.3	3220909.091408		ug/L
	Sn	120	17270	49287	1153	2.3	0.009838	**2.6673**	ug/L
	Sb	121	224	10452	391	3.7	0.003174	**1.5188**	ug/L
	Cs	133	20	90849	912	1.0	0.028200	**2.5816**	ug/L
	Ba	138	86	67890	2021	3.0	0.021050	**2.6200**	ug/L
	Ce	140	36	49	8	15.3	0.000004	**0.0006**	ug/L
>	Tm	169	2730830	2821556	70997	2.5	2821556.248979		ug/L
	Tl	205	25	5022	172	3.4	0.001771	**0.2686**	ug/L
	Pb	208	143	66167	130	0.2	0.023407	**2.6523**	ug/L
	Bi	209	261	50849	1186	2.3	0.017940	**2.5557**	ug/L
	Th	232	199	9795	1786	18.2	0.003410	**0.6763**	ug/L
	U	238	16	13690	440	3.2	0.004850	**0.5112**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	100.936
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	101.800
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	101.906
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	103.322
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 5% HNO3 rinse

Sample Description:

Batch ID:

Sample Date/Time: Friday, September 14, 2012 14:37:45
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\5% HNO3 rinse.053
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156						ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014						ug/L
>	Sc	45	1256607						ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985						ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361						ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54						ug/L
	Cu	63	85						ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212						ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105						ug/L
	Se	82	-3						ug/L
	Sr	88	94						ug/L
	Y	89	67						ug/L
	Mo	98	144						ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654				ug/L
	Sn	120	17270				ug/L
	Sb	121	224	414	24	5.8	ug/L
	Cs	133	20				ug/L
	Ba	138	86				ug/L
	Ce	140	36				ug/L
>	Tm	169	2730830				ug/L
	Tl	205	25				ug/L
	Pb	208	143				ug/L
	Bi	209	261				ug/L
	Th	232	199				ug/L
	U	238	16				ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: cal 4 check

Sample Description:

Batch ID:

Sample Date/Time: Friday, September 14, 2012 14:38:56
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 4

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\cal 4 check.054
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	1763			0.001333	**1.5335**	ug/L
	Be	9	33	204			0.000132	**0.4361**	ug/L
	B	11	169	4820			0.003600	**10.1647**	ug/L
	Na	23	6859	987497			0.759536	**168.5665**	ug/L
	Mg	24	156	129418			0.100133	**32.7522**	ug/L
	Al	27	891	58489			0.044601	**10.4665**	ug/L
	K	39	409328	872425			0.350110	**40.7233**	ug/L
	Ca	44	69014	167163			0.074577	**294.9036**	ug/L
>	Sc	45	1256607	1290855			1290854.771825		ug/L
	Ti	47	283	2105			0.001406	**1.9645**	ug/L
	Ti	48	-5947	15106			0.016435	**1.9758**	ug/L
	V	51	5985	23411			0.013373	**1.4327**	ug/L
	Cr	52	6084	22219			0.012371	**1.5851**	ug/L
	Cr	53	1948	3496			0.001159	**1.2962**	ug/L
	Mn	55	361	7787			0.005745	**0.5177**	ug/L
	Fe	54	51442	89301			0.028243	**50.1656**	ug/L
	Fe	57	3551	18528			0.011527	**51.5316**	ug/L
	Co	59	37	11262			0.008695	**1.0098**	ug/L
	Ni	60	52	5013			0.003842	**2.0272**	ug/L
	Ni	62	215	949			0.000564	**1.9720**	ug/L
	Cu	65	54	2701			0.003672	**0.9547**	ug/L
	Cu	63	85	5685			0.007766	**1.0057**	ug/L
	Zn	66	245	3067			0.003911	**1.9677**	ug/L
	Zn	68	228	2344			0.002930	**1.9767**	ug/L
>	Ge	74	709212	720812			720812.428044		ug/L
	As	75	154	4449			0.005955	**2.0314**	ug/L
	As-1	75	7631	11782			0.005587	**2.0930**	ug/L
	Se	77	105	365			0.000076	**1.6201**	ug/L
	Se	82	-3	416			0.000126	**1.9222**	ug/L
	Sr	88	94	14077			0.004189	**0.5073**	ug/L
	Y	89	67	78			0.000002	**0.0142**	ug/L
	Mo	98	144	1394			0.000372	**0.1935**	ug/L
	Ag	107	37	2305			0.000679	**0.1943**	ug/L
	Ag	109	38	2219			0.000653	**0.1925**	ug/L
	Cd	111	24	288			0.000079	**0.0934**	ug/L
	Cd	114	20	675			0.000196	**0.0966**	ug/L

>	In	115	3160654	3336609	3336608.740327		ug/L
	Sn	120	17270	35415	0.005150	**1.3474**	ug/L
	Sb	121	224	1656	0.000425	**0.4564**	ug/L
	Cs	133	20	17529	0.005247	**0.4792**	ug/L
	Ba	138	86	13114	0.003903	**0.4847**	ug/L
	Ce	140	36	3266	0.000967	**0.0967**	ug/L
>	Tm	169	2730830	2827111	2827111.072157		ug/L
	Tl	205	25	1863	0.000650	**0.0978**	ug/L
	Pb	208	143	6357	0.002196	**0.2476**	ug/L
	Bi	209	261	10529	0.003629	**0.5187**	ug/L
	Th	232	199	4459	0.001504	**0.3006**	ug/L
	U	238	16	2703	0.000950	**0.1001**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	102.725
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	101.636
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	105.567
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	103.526
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: cal 4 check

Sample Description:

Batch ID:

Sample Date/Time: Friday, September 14, 2012 14:41:35
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\cal 4 check.055
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	2716	80	2.9	0.002190	**2.5173**	ug/L
	Be	9	33	415	13	3.1	0.000314	**1.0348**	ug/L
	B	11	169	21964	411	1.9	0.017839	**50.1000**	ug/L
	Na	23	6859	2754532	72637	2.6	2.247899	**502.6469**	ug/L
	Mg	24	156	803251	22233	2.8	0.656966	**216.0776**	ug/L
	Al	27	891	278225	5837	2.1	0.226915	**53.3800**	ug/L
	K	39	409328	1489891	51300	3.4	0.892910	**103.5693**	ug/L
	Ca	44	69014	396164	12345	3.1	0.269148	**1051.8301**	ug/L
>	Sc	45	1256607	1222380	30326	2.5	1222380.464319		ug/L
	Ti	47	283	4585	65	1.4	0.003528	**4.9081**	ug/L
	Ti	48	-5947	45120	598	1.3	0.041665	**5.0187**	ug/L
	V	51	5985	63321	1248	2.0	0.047043	**4.9765**	ug/L
	Cr	52	6084	129513	2694	2.1	0.101117	**12.9102**	ug/L
	Cr	53	1948	16055	69	0.4	0.011590	**12.5654**	ug/L
	Mn	55	361	35414	725	2.0	0.028692	**2.5932**	ug/L
	Fe	54	51442	231061	5077	2.2	0.148114	**254.2905**	ug/L
	Fe	57	3551	73208	1448	2.0	0.057075	**255.8961**	ug/L
	Co	59	37	27154	638	2.4	0.022188	**2.5841**	ug/L
	Ni	60	52	11936	237	2.0	0.009724	**5.1323**	ug/L
	Ni	62	215	1991	34	1.7	0.001458	**5.1036**	ug/L
	Cu	65	54	13558	307	2.3	0.019590	**5.1223**	ug/L
	Cu	63	85	27415	334	1.2	0.039648	**5.1344**	ug/L
	Zn	66	245	7231	30	0.4	0.010147	**5.0370**	ug/L
	Zn	68	228	5633	151	2.7	0.007848	**5.2126**	ug/L
>	Ge	74	709212	689389	10978	1.6	689389.229606		ug/L
	As	75	154	10869	371	3.4	0.015547	**5.2468**	ug/L
	As-1	75	7631	17130	427	2.5	0.014087	**5.0916**	ug/L
	Se	77	105	1575	21	1.3	0.000469	**10.0433**	ug/L
	Se	82	-3	2078	49	2.3	0.000663	**10.0808**	ug/L
	Sr	88	94	131279	3568	2.7	0.041809	**5.0955**	ug/L
	Y	89	67	20391	240	1.2	0.006478	**2.9948**	ug/L
	Mo	98	144	3204	82	2.6	0.000975	**0.5013**	ug/L
	Ag	107	37	10971	170	1.6	0.003485	**0.9900**	ug/L
	Ag	109	38	10643	169	1.6	0.003380	**0.9923**	ug/L
	Cd	111	24	1352	24	1.8	0.000423	**0.4997**	ug/L
	Cd	114	20	3148	22	0.7	0.000997	**0.4997**	ug/L

>	In	115	3160654	3137630	32213	1.0	3137629.623436		ug/L
	Sn	120	17270	46731	823	1.8	0.009429	**2.5522**	ug/L
	Sb	121	224	6610	648	9.8	0.002035	**1.0784**	ug/L
	Cs	133	20	86757	1079	1.2	0.027644	**2.5307**	ug/L
	Ba	138	86	63827	559	0.9	0.020315	**2.5285**	ug/L
	Ce	140	36	16448	470	2.9	0.005231	**0.5220**	ug/L
>	Tm	169	2730830	2773163	12590	0.5	2773162.688977		ug/L
	Tl	205	25	4722	61	1.3	0.001693	**0.2568**	ug/L
	Pb	208	143	62081	404	0.7	0.022334	**2.5306**	ug/L
	Bi	209	261	48190	1097	2.3	0.017281	**2.4619**	ug/L
	Th	232	199	8383	2039	24.3	0.002948	**0.5853**	ug/L
	U	238	16	13177	123	0.9	0.004746	**0.5002**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	97.276
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	97.205
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.272
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	101.550
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICV1

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 14:48:46
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 10

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICV1.056
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156						ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014						ug/L
>	Sc	45	1256607						ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985						ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361						ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54						ug/L
	Cu	63	85						ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212						ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105						ug/L
	Se	82	-3						ug/L
	Sr	88	94						ug/L
	Y	89	67						ug/L
	Mo	98	144						ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654				ug/L
	Sn	120	17270				ug/L
	Sb	121	224	154	8	5.2	ug/L
	Cs	133	20				ug/L
	Ba	138	86				ug/L
	Ce	140	36				ug/L
>	Tm	169	2730830				ug/L
	Tl	205	25				ug/L
	Pb	208	143				ug/L
	Bi	209	261				ug/L
	Th	232	199				ug/L
	U	238	16				ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: cal 4 check

Sample Description:

Batch ID:

Sample Date/Time: Friday, September 14, 2012 14:50:05
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\cal 4 check.057
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156						ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014						ug/L
>	Sc	45	1256607						ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985						ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361						ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54						ug/L
	Cu	63	85						ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212						ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105						ug/L
	Se	82	-3						ug/L
	Sr	88	94						ug/L
	Y	89	67						ug/L
	Mo	98	144						ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654				ug/L
	Sn	120	17270				ug/L
	Sb	121	224	627	63	10.1	ug/L
	Cs	133	20				ug/L
	Ba	138	86				ug/L
	Ce	140	36				ug/L
>	Tm	169	2730830				ug/L
	Tl	205	25				ug/L
	Pb	208	143				ug/L
	Bi	209	261				ug/L
	Th	232	199				ug/L
	U	238	16				ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: cal 4 check

Sample Description:

Batch ID:

Sample Date/Time: Friday, September 14, 2012 14:52:18
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\cal 4 check.058
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156						ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014						ug/L
>	Sc	45	1256607						ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985						ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361						ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54						ug/L
	Cu	63	85						ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212						ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105						ug/L
	Se	82	-3						ug/L
	Sr	88	94						ug/L
	Y	89	67						ug/L
	Mo	98	144						ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654				ug/L
	Sn	120	17270				ug/L
	Sb	121	224	257	27	10.3	ug/L
	Cs	133	20				ug/L
	Ba	138	86				ug/L
	Ce	140	36				ug/L
>	Tm	169	2730830				ug/L
	Tl	205	25				ug/L
	Pb	208	143				ug/L
	Bi	209	261				ug/L
	Th	232	199				ug/L
	U	238	16				ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICV1

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 14:55:11
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 10

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICV1.059
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156						ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014						ug/L
>	Sc	45	1256607						ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985						ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361						ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54						ug/L
	Cu	63	85						ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212						ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105						ug/L
	Se	82	-3						ug/L
	Sr	88	94						ug/L
	Y	89	67						ug/L
	Mo	98	144						ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654				ug/L
	Sn	120	17270				ug/L
	Sb	121	224	1527	182	11.9	ug/L
	Cs	133	20				ug/L
	Ba	138	86				ug/L
	Ce	140	36				ug/L
>	Tm	169	2730830				ug/L
	Tl	205	25				ug/L
	Pb	208	143				ug/L
	Bi	209	261				ug/L
	Th	232	199				ug/L
	U	238	16				ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: cal2 check

Sample Description:

Batch ID:

Sample Date/Time: Friday, September 14, 2012 15:08:30
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 3

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\cal2 check.060
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156						ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014						ug/L
>	Sc	45	1256607						ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985						ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361						ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54						ug/L
	Cu	63	85						ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212						ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105						ug/L
	Se	82	-3						ug/L
	Sr	88	94						ug/L
	Y	89	67						ug/L
	Mo	98	144						ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654				ug/L
	Sn	120	17270				ug/L
	Sb	121	224	81	6	8.0	ug/L
	Cs	133	20				ug/L
	Ba	138	86				ug/L
	Ce	140	36				ug/L
>	Tm	169	2730830				ug/L
	Tl	205	25				ug/L
	Pb	208	143				ug/L
	Bi	209	261				ug/L
	Th	232	199				ug/L
	U	238	16				ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: cal7check
Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 15:11:34
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 8

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\cal7check.061
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	166	20	12.0			ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014						ug/L
>	Sc	45	1256607						ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985						ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361						ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54						ug/L
	Cu	63	85						ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212						ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105						ug/L
	Se	82	-3						ug/L
	Sr	88	94						ug/L
	Y	89	67						ug/L
	Mo	98	144						ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654				ug/L
	Sn	120	17270				ug/L
	Sb	121	224	118	21	18.0	ug/L
	Cs	133	20				ug/L
	Ba	138	86				ug/L
	Ce	140	36				ug/L
>	Tm	169	2730830				ug/L
	Tl	205	25				ug/L
	Pb	208	143				ug/L
	Bi	209	261				ug/L
	Th	232	199				ug/L
	U	238	16				ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 5% HNO3 rinse

Sample Description:

Batch ID:

Sample Date/Time: Friday, September 14, 2012 15:14:02
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\5% HNO3 rinse.062
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	1531064	1251166	81.7			ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014						ug/L
>	Sc	45	1256607						ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985						ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361						ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54						ug/L
	Cu	63	85						ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212						ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105						ug/L
	Se	82	-3						ug/L
	Sr	88	94						ug/L
	Y	89	67						ug/L
	Mo	98	144						ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654				ug/L
	Sn	120	17270				ug/L
	Sb	121	224	8744	2424	27.7	ug/L
	Cs	133	20				ug/L
	Ba	138	86				ug/L
	Ce	140	36				ug/L
>	Tm	169	2730830				ug/L
	Tl	205	25				ug/L
	Pb	208	143				ug/L
	Bi	209	261				ug/L
	Th	232	199				ug/L
	U	238	16				ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 5% HNO3 rinse

Sample Description:

Batch ID:

Sample Date/Time: Friday, September 14, 2012 15:15:10
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\5% HNO3 rinse.063
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	278	40	14.5			ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014						ug/L
>	Sc	45	1256607						ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985						ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361						ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54						ug/L
	Cu	63	85						ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212						ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105						ug/L
	Se	82	-3						ug/L
	Sr	88	94						ug/L
	Y	89	67						ug/L
	Mo	98	144						ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654				ug/L
	Sn	120	17270				ug/L
	Sb	121	224	1201	155	12.9	ug/L
	Cs	133	20				ug/L
	Ba	138	86				ug/L
	Ce	140	36				ug/L
>	Tm	169	2730830				ug/L
	Tl	205	25				ug/L
	Pb	208	143				ug/L
	Bi	209	261				ug/L
	Th	232	199				ug/L
	U	238	16				ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: scv
Sample Description: 5x
Batch ID:

Sample Date/Time: Friday, September 14, 2012 15:26:01
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 105

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\scv.064
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	4154	110	2.6	0.003114	**17.8956**	ug/L
	Be	9	33	1114	15	1.4	0.000819	**13.4687**	ug/L
	B	11	169	14631	382	2.6	0.010952	**153.9264**	ug/L
	Na	23	6859	23220066	214894	0.9	17.595063	**19737.4795**	ug/L
	Mg	24	156	6227455	23730	0.4	4.720382	**7769.3503**	ug/L
	Al	27	891	171249	2947	1.7	0.129118	**151.8009**	ug/L
	K	39	409328	4768232	37480	0.8	3.288579	**1904.7140**	ug/L
	Ca	44	69014	2010796	18624	0.9	1.469072	**28599.0331**	ug/L
>	Sc	45	1256607	1319722	30981	2.3	1319722.078622		ug/L
	Ti	47	283	328	21	6.5	0.000024	**0.2332**	ug/L
	Ti	48	-5947	47452	3306	7.0	0.040737	**24.5339**	ug/L
	V	51	5985	98332	679	0.7	0.069779	**36.8470**	ug/L
	Cr	52	6084	50029	750	1.5	0.033088	**21.1444**	ug/L
	Cr	53	1948	6700	83	1.2	0.003528	**19.2800**	ug/L
	Mn	55	361	115321	2052	1.8	0.087111	**39.3850**	ug/L
	Fe	54	51442	73976	1817	2.5	0.015117	**139.0674**	ug/L
	Fe	57	3551	9279	130	1.4	0.004209	**93.4856**	ug/L
	Co	59	37	61648	418	0.7	0.046704	**27.2227**	ug/L
	Ni	60	52	30174	62	0.2	0.022830	**60.2549**	ug/L
	Ni	62	215	4798	97	2.0	0.003467	**60.7154**	ug/L
	Cu	65	54	12695	119	0.9	0.017202	**22.4859**	ug/L
	Cu	63	85	25537	123	0.5	0.034633	**22.4245**	ug/L
	Zn	66	245	23492	376	1.6	0.031622	**78.0349**	ug/L
	Zn	68	228	22725	345	1.5	0.030604	**100.9228**	ug/L
>	Ge	74	709212	734850	7748	1.1	734849.637920		ug/L
	As	75	154	24699	156	0.6	0.033396	**56.1492**	ug/L
	As-1	75	7631	31899	162	0.5	0.032652	**58.2010**	ug/L
	Se	77	105	469	6	1.2	0.000109	**11.6165**	ug/L
	Se	82	-3	514	7	1.4	0.000157	**11.9915**	ug/L
	Sr	88	94	1737579	25537	1.5	0.527038	**321.3723**	ug/L
	Y	89	67	150	19	12.8	0.000024	**0.1215**	ug/L
	Mo	98	144	160264	1305	0.8	0.048575	**123.8998**	ug/L
	Ag	107	37	2226	46	2.0	0.000663	**0.9493**	ug/L
	Ag	109	38	2189	94	4.3	0.000652	**0.9609**	ug/L
	Cd	111	24	3786	60	1.6	0.001141	**6.7281**	ug/L
	Cd	114	20	8719	88	1.0	0.002639	**6.6287**	ug/L

>	In	115	3160654	3296823	58608	1.8	3296822.759888		ug/L
	Sn	120	17270	20357	429	2.1	0.000713	**0.4906**	ug/L
	Sb	121	224	110663	2984	2.7	0.033512	**66.2292**	ug/L
	Cs	133	20	31	5	17.1	0.000003	**-0.0057**	ug/L
	Ba	138	86	2748479	92521	3.4	0.834032	**519.2907**	ug/L
	Ce	140	36	123	3	2.0	0.000026	**0.0143**	ug/L
>	Tm	169	2730830	2873295	15988	0.6	2873294.608737		ug/L
	Tl	205	25	28626	166	0.6	0.009954	**7.5771**	ug/L
	Pb	208	143	98200	1217	1.2	0.034126	**19.3374**	ug/L
	Bi	209	261	58783	1559	2.7	0.020365	**14.5043**	ug/L
	Th	232	199	2367	1201	50.7	0.000752	**0.7613**	ug/L
	U	238	16	25	7	28.0	0.000003	**0.0008**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	105.023
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	103.615
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	104.308
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	105.217
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: scv
Sample Description: 1x
Batch ID:

Sample Date/Time: Friday, September 14, 2012 15:41:09
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 405

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\scv.065
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	20824	1526	7.3	0.015872	**18.2287**	ug/L
	Be	9	33	5247	161	3.1	0.003984	**13.1050**	ug/L
	B	11	169	69570	1063	1.5	0.053032	**148.8014**	ug/L
	Na	23	6859	119513384	2288432	1.9	91.328075	**20497.7254**	ug/L
	Mg	24	156	31669756	155782	0.5	24.206342	**7969.2042**	ug/L
	Al	27	891	858486	16714	1.9	0.655404	**154.2385**	ug/L
	K	39	409328	22795678	73606	0.3	17.096903	**1979.6878**	ug/L
	Ca	44	69014	9905086	210215	2.1	7.515517	**29241.8586**	ug/L
>	Sc	45	1256607	1308541	19175	1.5	1308540.809631		ug/L
	Ti	47	283	539	14	2.6	0.000187	**0.2728**	ug/L
	Ti	48	-5947	221316	15689	7.1	0.173777	**20.9522**	ug/L
	V	51	5985	469996	7489	1.6	0.354434	**37.3296**	ug/L
	Cr	52	6084	221604	1159	0.5	0.164529	**21.0024**	ug/L
	Cr	53	1948	27178	518	1.9	0.019224	**20.8124**	ug/L
	Mn	55	361	560532	4968	0.9	0.428137	**38.7215**	ug/L
	Fe	54	51442	166561	1686	1.0	0.086374	**149.1551**	ug/L
	Fe	57	3551	32596	890	2.7	0.022092	**98.9357**	ug/L
	Co	59	37	303866	2311	0.8	0.232238	**27.0920**	ug/L
	Ni	60	52	148012	1585	1.1	0.113097	**59.7033**	ug/L
	Ni	62	215	22610	545	2.4	0.017112	**59.9608**	ug/L
	Cu	65	54	61401	689	1.1	0.086775	**22.7121**	ug/L
	Cu	63	85	123690	1286	1.0	0.174824	**22.6393**	ug/L
	Zn	66	245	111619	1409	1.3	0.157488	**77.5561**	ug/L
	Zn	68	228	110764	2719	2.5	0.156304	**102.8903**	ug/L
>	Ge	74	709212	707445	19609	2.8	707444.816564		ug/L
	As	75	154	114407	3194	2.8	0.161503	**54.1727**	ug/L
	As-1	75	7631	121051	3485	2.9	0.160349	**56.6843**	ug/L
	Se	77	105	1807	93	5.1	0.000513	**10.9805**	ug/L
	Se	82	-3	2275	9	0.4	0.000687	**10.4504**	ug/L
	Sr	88	94	8435631	221415	2.6	2.546718	**310.5964**	ug/L
	Y	89	67	357	7	1.9	0.000086	**0.0530**	ug/L
	Mo	98	144	809261	5921	0.7	0.244217	**124.5682**	ug/L
	Ag	107	37	11026	268	2.4	0.003316	**0.9420**	ug/L
	Ag	109	38	10825	144	1.3	0.003255	**0.9556**	ug/L
	Cd	111	24	18079	327	1.8	0.005448	**6.4229**	ug/L
	Cd	114	20	42832	714	1.7	0.012921	**6.4981**	ug/L

>	In	115	3160654	3313494	50070	1.5	3313494.238136		ug/L
	Sn	120	17270	20255	876	4.3	0.000647	**0.0797**	ug/L
	Sb	121	224	547334	9203	1.7	0.165134	**64.1225**	ug/L
	Cs	133	20	47	4	8.7	0.000008	**-0.0007**	ug/L
	Ba	138	86	14452852	333747	2.3	4.361657	**543.1429**	ug/L
	Ce	140	36	570	25	4.4	0.000161	**0.0163**	ug/L
>	Tm	169	2730830	2932787	58298	2.0	2932786.653361		ug/L
	Tl	205	25	140684	1733	1.2	0.047966	**7.3074**	ug/L
	Pb	208	143	486410	6482	1.3	0.165822	**18.7976**	ug/L
	Bi	209	261	278891	8425	3.0	0.094986	**13.5223**	ug/L
	Th	232	199	4326	2183	50.5	0.001393	**0.2786**	ug/L
	U	238	16	54	9	17.3	0.000013	**0.0012**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	104.133
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	99.751
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	104.836
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	107.395
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Elandata\Wizard\SmartTune\1-SmartTune Full 4rpm.swz

Start Time: 9/17/2012 11:57:32 AM
End Time: 9/17/2012 12:00:50 PM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
Target/Obtained mass (9.0122/9.025), Target/Obtained resolution (0.7/0.714)
Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.678)
Target/Obtained mass (75.93/75.975), Target/Obtained resolution (0.7/0.680)
Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.686)
Target/Obtained mass (139.905/139.925), Target/Obtained resolution (0.7/0.683)
Target/Obtained mass (207.977/208.025), Target/Obtained resolution (0.7/0.685)

SmartTune Wizard - Details

```
Optimization Details

SmartTune file: C:\Elandata\Wizard\SmartTune\1-SmartTune Full 4rpm.swz

Optimization Status

Start Time: 9/17/2012 11:57:32 AM

Mass Calibration and Resolution
        Optimization Settings:
                Method: C:\Elandata\Method\1-tuning.mth.
                Tuning File: Default.tun
                Iterations: 6
                Target accuracy (+/- amu): 0.1 for Mass Cal. and 0.05 for Resolution
                Peak height (%) for Res. Opt.: 10

        Optimization Results:
        Initial Try
                Target/Obtained mass (9.0122/9.025), Target/Obtained resolution (0.7/0.714)
                Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.678)
                Target/Obtained mass (75.93/75.975), Target/Obtained resolution (0.7/0.680)
                Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.686)
                Target/Obtained mass (139.905/139.925), Target/Obtained resolution (0.7/0.683)
                Target/Obtained mass (207.977/208.025), Target/Obtained resolution (0.7/0.685)
[Passed]  Optimum value(s): N/A

End Time: 9/17/2012 12:00:50 PM
```

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 15:51:05
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\rinse.066
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	45	4	9.7	0.000001	**0.0041**	ug/L
	Be	9	33	29	2	7.3	-0.000004	**-0.0124**	ug/L
	B	11	169	306	5	1.5	0.000096	**0.3388**	ug/L
	Na	23	6859	10445	560	5.4	0.002415	**-1.3781**	ug/L
	Mg	24	156	350	38	10.9	0.000140	**-0.1684**	ug/L
	Al	27	891	1176	8	0.6	0.000178	**0.0101**	ug/L
	K	39	409328	422207	4846	1.1	-0.007246	**-0.6519**	ug/L
	Ca	44	69014	58470	865	1.5	-0.010817	**-37.2982**	ug/L
>	Sc	45	1256607	1326137	39002	2.9	1326137.174766		ug/L
	Ti	47	283	291	10	3.4	-0.000006	**0.0061**	ug/L
	Ti	48	-5947	-4804	126	2.6	0.001110	**0.1275**	ug/L
	V	51	5985	4756	148	3.1	-0.001176	**-0.0986**	ug/L
	Cr	52	6084	6710	169	2.5	0.000219	**0.0343**	ug/L
	Cr	53	1948	1525	44	2.9	-0.000399	**-0.3863**	ug/L
	Mn	55	361	543	41	7.5	0.000122	**0.0091**	ug/L
	Fe	54	51442	86936	4136	4.8	0.024616	**43.9896**	ug/L
	Fe	57	3551	3946	146	3.7	0.000149	**0.4814**	ug/L
	Co	59	37	35	3	8.6	-0.000003	**-0.0051**	ug/L
	Ni	60	52	60	2	4.1	0.000004	**0.0007**	ug/L
	Ni	62	215	250	17	6.8	0.000017	**0.0558**	ug/L
	Cu	65	54	45	8	16.8	-0.000016	**-0.0109**	ug/L
	Cu	63	85	84	5	6.3	-0.000008	**-0.0010**	ug/L
	Zn	66	245	187	11	5.9	-0.000095	**-0.0040**	ug/L
	Zn	68	228	198	10	5.1	-0.000058	**0.0106**	ug/L
>	Ge	74	709212	748874	27502	3.7	748873.948456		ug/L
	As	75	154	153	32	20.7	-0.000011	**0.0316**	ug/L
	As-1	75	7631	7752	240	3.1	-0.000399	**-0.0182**	ug/L
	Se	77	105	106	11	10.1	-0.000001	**-0.0360**	ug/L
	Se	82	-3	-1	17	2011.3	0.000000	**0.0240**	ug/L
	Sr	88	94	151	13	8.9	0.000016	**-0.0017**	ug/L
	Y	89	67	69	14	19.7	-0.000000	**0.0132**	ug/L
	Mo	98	144	1192	547	45.9	0.000318	**0.1659**	ug/L
	Ag	107	37	205	45	21.8	0.000051	**0.0161**	ug/L
	Ag	109	38	184	29	15.8	0.000044	**0.0138**	ug/L
	Cd	111	24	15	2	10.0	-0.000003	**-0.0028**	ug/L
	Cd	114	20	-1	22	1690.1	-0.000007	**-0.0053**	ug/L

>	In	115	3160654	3298389	110924	3.4	3298389.427709		ug/L
	Sn	120	17270	21433	1133	5.3	0.001031	**0.1878**	ug/L
	Sb	121	224	616	332	53.9	0.000117	**0.3372**	ug/L
	Cs	133	20	18	4	19.2	-0.000001	**-0.0015**	ug/L
	Ba	138	86	127	5	4.0	0.000011	**0.0001**	ug/L
	Ce	140	36	44	5	10.3	0.000002	**0.0004**	ug/L
>	Tm	169	2730830	2896820	67036	2.3	2896819.824382		ug/L
	Tl	205	25	25	5	18.7	-0.000001	**-0.0014**	ug/L
	Pb	208	143	152	9	5.9	0.000000	**-0.0013**	ug/L
	Bi	209	261	621	345	55.6	0.000119	**0.0191**	ug/L
	Th	232	199	2373	1178	49.7	0.000746	**0.1510**	ug/L
	U	238	16	14	2	10.7	-0.000001	**-0.0002**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	105.533
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	105.592
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	104.358
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	106.078
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:

Batch ID:

Sample Date/Time: Friday, September 14, 2012 15:54:59
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\rinse.067
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	39	3	8.3	-0.000004	**-0.0015**	ug/L
	Be	9	33	28	4	14.7	-0.000005	**-0.0135**	ug/L
	B	11	169	318	29	9.0	0.000105	**0.3648**	ug/L
	Na	23	6859	9403	125	1.3	0.001627	**-1.5550**	ug/L
	Mg	24	156	333	15	4.6	0.000127	**-0.1728**	ug/L
	Al	27	891	1147	17	1.5	0.000155	**0.0048**	ug/L
	K	39	409328	413656	825	0.2	-0.014034	**-1.4378**	ug/L
	Ca	44	69014	57511	515	0.9	-0.011588	**-40.2976**	ug/L
>	Sc	45	1256607	1327299	21749	1.6	1327299.053685		ug/L
	Ti	47	283	287	21	7.3	-0.000009	**0.0019**	ug/L
	Ti	48	-5947	-4774	65	1.4	0.001136	**0.1307**	ug/L
	V	51	5985	4648	79	1.7	-0.001260	**-0.1075**	ug/L
	Cr	52	6084	6506	271	4.2	0.000063	**0.0144**	ug/L
	Cr	53	1948	1554	30	1.9	-0.000379	**-0.3653**	ug/L
	Mn	55	361	536	17	3.3	0.000117	**0.0086**	ug/L
	Fe	54	51442	86755	1509	1.7	0.024433	**43.6777**	ug/L
	Fe	57	3551	3766	78	2.1	0.000011	**-0.1367**	ug/L
	Co	59	37	38	4	9.3	-0.000001	**-0.0049**	ug/L
	Ni	60	52	47	3	5.5	-0.000006	**-0.0043**	ug/L
	Ni	62	215	254	2	0.6	0.000020	**0.0655**	ug/L
	Cu	65	54	39	2	5.1	-0.000023	**-0.0126**	ug/L
	Cu	63	85	73	6	8.6	-0.000021	**-0.0027**	ug/L
	Zn	66	245	187	10	5.4	-0.000091	**-0.0019**	ug/L
	Zn	68	228	193	25	12.9	-0.000059	**0.0097**	ug/L
>	Ge	74	709212	735229	22067	3.0	735229.113004		ug/L
	As	75	154	103	22	21.1	-0.000076	**0.0096**	ug/L
	As-1	75	7631	7626	159	2.1	-0.000381	**-0.0120**	ug/L
	Se	77	105	103	11	10.8	-0.000003	**-0.0706**	ug/L
	Se	82	-3	-10	13	133.8	-0.000002	**-0.0151**	ug/L
	Sr	88	94	132	16	11.8	0.000009	**-0.0024**	ug/L
	Y	89	67	70	13	18.2	-0.000000	**0.0130**	ug/L
	Mo	98	144	325	154	47.3	0.000051	**0.0299**	ug/L
	Ag	107	37	74	10	13.7	0.000010	**0.0047**	ug/L
	Ag	109	38	69	5	6.6	0.000009	**0.0035**	ug/L
	Cd	111	24	22	3	15.7	-0.000001	**-0.0006**	ug/L
	Cd	114	20	-11	10	92.6	-0.000010	**-0.0068**	ug/L

>	In	115	3160654	3356098	26343	0.8	3356097.759918		ug/L
	Sn	120	17270	22265	1401	6.3	0.001169	**0.2267**	ug/L
	Sb	121	224	362	150	41.3	0.000037	**0.3063**	ug/L
	Cs	133	20	18	1	6.5	-0.000001	**-0.0015**	ug/L
	Ba	138	86	137	7	5.3	0.000014	**0.0003**	ug/L
	Ce	140	36	44	10	22.2	0.000002	**0.0004**	ug/L
>	Tm	169	2730830	2939316	32694	1.1	2939316.268015		ug/L
	Tl	205	25	22	8	34.6	-0.000002	**-0.0015**	ug/L
	Pb	208	143	136	11	8.2	-0.000006	**-0.0020**	ug/L
	Bi	209	261	234	130	55.7	-0.000016	**-0.0002**	ug/L
	Th	232	199	1220	640	52.4	0.000341	**0.0712**	ug/L
	U	238	16	11	4	36.4	-0.000002	**-0.0004**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	105.626
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	103.668
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	106.184
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	107.635
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1ppb Sb1

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 15:58:53
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 406

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1ppb Sb1.068
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	43	18	41.3	0.000001	**0.0042**	ug/L
	Be	9	33	24	3	10.3	-0.000007	**-0.0201**	ug/L
	B	11	169	143	15	10.3	-0.000021	**0.0099**	ug/L
	Na	23	6859	5513	154	2.8	-0.001080	**-2.1626**	ug/L
	Mg	24	156	247	19	7.5	0.000072	**-0.1907**	ug/L
	Al	27	891	746	32	4.3	-0.000116	**-0.0592**	ug/L
	K	39	409328	415927	3966	1.0	0.004603	**0.7201**	ug/L
	Ca	44	69014	54405	817	1.5	-0.011712	**-40.7792**	ug/L
>	Sc	45	1256607	1259066	10539	0.8	1259066.060399		ug/L
	Ti	47	283	240	18	7.5	-0.000035	**-0.0341**	ug/L
	Ti	48	-5947	-4623	70	1.5	0.001060	**0.1216**	ug/L
	V	51	5985	4476	153	3.4	-0.001208	**-0.1020**	ug/L
	Cr	52	6084	6025	155	2.6	-0.000055	**-0.0007**	ug/L
	Cr	53	1948	1519	52	3.4	-0.000344	**-0.3268**	ug/L
	Mn	55	361	362	31	8.5	0.000000	**-0.0019**	ug/L
	Fe	54	51442	50644	891	1.8	-0.000715	**0.8543**	ug/L
	Fe	57	3551	3708	98	2.7	0.000119	**0.3473**	ug/L
	Co	59	37	35	6	17.3	-0.000001	**-0.0049**	ug/L
	Ni	60	52	48	8	16.9	-0.000003	**-0.0028**	ug/L
	Ni	62	215	215	3	1.2	-0.000001	**-0.0069**	ug/L
	Cu	65	54	41	9	21.8	-0.000018	**-0.0113**	ug/L
	Cu	63	85	72	8	11.3	-0.000019	**-0.0025**	ug/L
	Zn	66	245	164	15	9.4	-0.000116	**-0.0139**	ug/L
	Zn	68	228	160	13	8.1	-0.000099	**-0.0163**	ug/L
>	Ge	74	709212	715765	11151	1.6	715765.041321		ug/L
	As	75	154	113	24	21.5	-0.000058	**0.0155**	ug/L
	As-1	75	7631	7383	83	1.1	-0.000442	**-0.0337**	ug/L
	Se	77	105	98	7	6.7	-0.000002	**-0.0666**	ug/L
	Se	82	-3	7	11	163.6	0.000003	**0.0609**	ug/L
	Sr	88	94	114	10	9.1	0.000006	**-0.0029**	ug/L
	Y	89	67	71	5	6.4	0.000001	**0.0136**	ug/L
	Mo	98	144	238	144	60.3	0.000029	**0.0184**	ug/L
	Ag	107	37	48	2	4.8	0.000003	**0.0027**	ug/L
	Ag	109	38	56	10	18.1	0.000005	**0.0026**	ug/L
	Cd	111	24	19	3	15.8	-0.000002	**-0.0013**	ug/L
	Cd	114	20	18	32	183.2	-0.000001	**-0.0023**	ug/L

>	In	115	3160654	3183403	44035	1.4	3183403.391881		ug/L
	Sn	120	17270	18193	200	1.1	0.000251	**-0.0318**	ug/L
	Sb	121	224	4868	482	9.9	0.001460	**0.8562**	ug/L
	Cs	133	20	23	5	19.9	0.000001	**-0.0013**	ug/L
	Ba	138	86	102	32	31.5	0.000005	**-0.0008**	ug/L
	Ce	140	36	33	4	12.1	-0.000001	**0.0002**	ug/L
>	Tm	169	2730830	2803999	35634	1.3	2803998.840687		ug/L
	Tl	205	25	22	10	43.5	-0.000001	**-0.0014**	ug/L
	Pb	208	143	131	19	14.3	-0.000006	**-0.0020**	ug/L
	Bi	209	261	127	60	47.2	-0.000050	**-0.0050**	ug/L
	Th	232	199	169	56	33.3	-0.000013	**0.0015**	ug/L
	U	238	16	13	6	50.8	-0.000001	**-0.0003**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	100.196
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	100.924
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	100.720
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	102.679
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1ppb Sb2

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 16:02:47
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 407

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1ppb Sb2.069
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	39	3	6.8	-0.000002	**0.0008**	ug/L
	Be	9	33	27	6	20.7	-0.000005	**-0.0135**	ug/L
	B	11	169	141	8	5.7	-0.000022	**0.0081**	ug/L
	Na	23	6859	5195	59	1.1	-0.001310	**-2.2141**	ug/L
	Mg	24	156	269	16	6.0	0.000091	**-0.1847**	ug/L
	Al	27	891	677	8	1.2	-0.000169	**-0.0715**	ug/L
	K	39	409328	417139	3309	0.8	0.007435	**1.0479**	ug/L
	Ca	44	69014	52982	571	1.1	-0.012604	**-44.2501**	ug/L
>	Sc	45	1256607	1252214	15127	1.2	1252214.384046		ug/L
	Ti	47	283	254	12	4.5	-0.000022	**-0.0164**	ug/L
	Ti	48	-5947	-4487	61	1.4	0.001148	**0.1322**	ug/L
	V	51	5985	4248	82	1.9	-0.001370	**-0.1191**	ug/L
	Cr	52	6084	5993	113	1.9	-0.000056	**-0.0007**	ug/L
	Cr	53	1948	1430	11	0.8	-0.000408	**-0.3960**	ug/L
	Mn	55	361	364	20	5.4	0.000003	**-0.0016**	ug/L
	Fe	54	51442	49550	981	2.0	-0.001365	**-0.2515**	ug/L
	Fe	57	3551	3721	83	2.2	0.000146	**0.4668**	ug/L
	Co	59	37	31	4	13.3	-0.000004	**-0.0052**	ug/L
	Ni	60	52	47	8	18.0	-0.000004	**-0.0032**	ug/L
	Ni	62	215	236	19	8.0	0.000018	**0.0568**	ug/L
	Cu	65	54	42	8	20.0	-0.000016	**-0.0110**	ug/L
	Cu	63	85	74	4	5.1	-0.000015	**-0.0019**	ug/L
	Zn	66	245	172	18	10.4	-0.000100	**-0.0062**	ug/L
	Zn	68	228	147	12	8.2	-0.000113	**-0.0257**	ug/L
>	Ge	74	709212	703568	3385	0.5	703568.064207		ug/L
	As	75	154	72	39	53.9	-0.000114	**-0.0032**	ug/L
	As-1	75	7631	7186	67	0.9	-0.000545	**-0.0698**	ug/L
	Se	77	105	109	9	7.8	0.000002	**0.0181**	ug/L
	Se	82	-3	7	22	314.5	0.000003	**0.0619**	ug/L
	Sr	88	94	99	19	19.7	0.000002	**-0.0034**	ug/L
	Y	89	67	62	1	1.6	-0.000002	**0.0125**	ug/L
	Mo	98	144	171	82	48.0	0.000008	**0.0081**	ug/L
	Ag	107	37	50	11	22.2	0.000004	**0.0029**	ug/L
	Ag	109	38	42	6	13.6	0.000001	**0.0013**	ug/L
	Cd	111	24	21	4	18.3	-0.000001	**-0.0006**	ug/L
	Cd	114	20	20	25	127.7	-0.000000	**-0.0020**	ug/L

>	In	115	3160654	3141366	30074	1.0	3141365.839103		ug/L
	Sn	120	17270	17279	501	2.9	0.000036	**-0.0925**	ug/L
	Sb	121	224	5130	635	12.4	0.001563	**0.8963**	ug/L
	Cs	133	20	20	2	10.6	-0.000000	**-0.0014**	ug/L
	Ba	138	86	90	6	6.5	0.000002	**-0.0012**	ug/L
	Ce	140	36	28	7	24.1	-0.000002	**-0.0000**	ug/L
>	Tm	169	2730830	2787457	43951	1.6	2787457.150231		ug/L
	Tl	205	25	15	3	17.6	-0.000004	**-0.0018**	ug/L
	Pb	208	143	127	8	5.9	-0.000007	**-0.0021**	ug/L
	Bi	209	261	119	69	57.8	-0.000053	**-0.0054**	ug/L
	Th	232	199	160	71	44.6	-0.000016	**0.0008**	ug/L
	U	238	16	15	4	27.2	-0.000000	**-0.0002**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	99.650
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	99.204
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.390
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	102.074
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-IBL1

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 16:28:16
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 101

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-IBL1.070
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	38	9	22.5	-0.000003	**-0.0004**	ug/L
	Be	9	33	26	6	21.5	-0.000006	**-0.0167**	ug/L
	B	11	169	127	15	11.9	-0.000034	**-0.0247**	ug/L
	Na	23	6859	5038	24	0.5	-0.001470	**-2.2501**	ug/L
	Mg	24	156	136	8	6.0	-0.000017	**-0.2200**	ug/L
	Al	27	891	937	19	2.0	0.000033	**-0.0240**	ug/L
	K	39	409328	418900	2210	0.5	0.005936	**0.8743**	ug/L
	Ca	44	69014	52582	1163	2.2	-0.013290	**-46.9200**	ug/L
>	Sc	45	1256607	1263191	18690	1.5	1263191.057264		ug/L
	Ti	47	283	231	25	10.7	-0.000042	**-0.0444**	ug/L
	Ti	48	-5947	-4437	125	2.8	0.001219	**0.1407**	ug/L
	V	51	5985	4080	213	5.2	-0.001533	**-0.1362**	ug/L
	Cr	52	6084	6248	109	1.7	0.000105	**0.0198**	ug/L
	Cr	53	1948	1390	115	8.2	-0.000449	**-0.4407**	ug/L
	Mn	55	361	368	30	8.1	0.000004	**-0.0015**	ug/L
	Fe	54	51442	52581	1968	3.7	0.000690	**3.2472**	ug/L
	Fe	57	3551	3640	109	3.0	0.000055	**0.0606**	ug/L
	Co	59	37	33	13	38.3	-0.000003	**-0.0051**	ug/L
	Ni	60	52	50	2	4.4	-0.000002	**-0.0022**	ug/L
	Ni	62	215	243	13	5.2	0.000021	**0.0696**	ug/L
	Cu	65	54	41	8	18.2	-0.000020	**-0.0118**	ug/L
	Cu	63	85	70	3	3.8	-0.000025	**-0.0033**	ug/L
	Zn	66	245	173	2	1.0	-0.000110	**-0.0112**	ug/L
	Zn	68	228	156	18	11.6	-0.000110	**-0.0235**	ug/L
>	Ge	74	709212	736549	2079	0.3	736549.217263		ug/L
	As	75	154	102	8	7.9	-0.000078	**0.0091**	ug/L
	As-1	75	7631	7468	81	1.1	-0.000620	**-0.0962**	ug/L
	Se	77	105	108	14	12.9	0.000001	**-0.0004**	ug/L
	Se	82	-3	6	10	157.2	0.000003	**0.0583**	ug/L
	Sr	88	94	95	23	24.1	-0.000000	**-0.0036**	ug/L
	Y	89	67	62	9	14.6	-0.000002	**0.0124**	ug/L
	Mo	98	144	254	165	64.9	0.000034	**0.0210**	ug/L
	Ag	107	37	46	17	36.3	0.000003	**0.0025**	ug/L
	Ag	109	38	48	15	30.1	0.000003	**0.0019**	ug/L
	Cd	111	24	26	4	16.8	0.000001	**0.0013**	ug/L
	Cd	114	20	-1	36	3901.0	-0.000007	**-0.0053**	ug/L

>	In	115	3160654	3200944	47615	1.5	3200944.329757		ug/L
	Sn	120	17270	18230	603	3.3	0.000231	**-0.0373**	ug/L
	Sb	121	224	651	286	43.9	0.000132	**0.3432**	ug/L
	Cs	133	20	16	5	31.5	-0.000002	**-0.0016**	ug/L
	Ba	138	86	92	5	5.1	0.000001	**-0.0012**	ug/L
	Ce	140	36	35	3	9.1	-0.000000	**0.0002**	ug/L
>	Tm	169	2730830	2781132	30378	1.1	2781132.167375		ug/L
	Tl	205	25	20	9	44.4	-0.000002	**-0.0015**	ug/L
	Pb	208	143	132	3	2.0	-0.000005	**-0.0019**	ug/L
	Bi	209	261	325	209	64.2	0.000022	**0.0053**	ug/L
	Th	232	199	231	93	40.0	0.000010	**0.0060**	ug/L
	U	238	16	15	5	30.6	-0.000000	**-0.0002**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	100.524
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	103.855
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	101.275
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	101.842
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-IBL2

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 16:32:11
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 102

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-IBL2.071
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	33	3	8.0	-0.000007	**-0.0054**	ug/L
	Be	9	33	23	6	25.9	-0.000008	**-0.0255**	ug/L
	B	11	169	134	4	2.8	-0.000030	**-0.0141**	ug/L
	Na	23	6859	4997	89	1.8	-0.001564	**-2.2712**	ug/L
	Mg	24	156	116	8	6.9	-0.000033	**-0.2254**	ug/L
	Al	27	891	807	21	2.6	-0.000081	**-0.0507**	ug/L
	K	39	409328	418672	1900	0.5	0.000630	**0.2600**	ug/L
	Ca	44	69014	50303	476	0.9	-0.015710	**-56.3350**	ug/L
>	Sc	45	1256607	1282993	20311	1.6	1282992.959762		ug/L
	Ti	47	283	252	6	2.2	-0.000028	**-0.0254**	ug/L
	Ti	48	-5947	-4266	44	1.0	0.001407	**0.1634**	ug/L
	V	51	5985	3817	98	2.6	-0.001788	**-0.1630**	ug/L
	Cr	52	6084	6040	139	2.3	-0.000134	**-0.0107**	ug/L
	Cr	53	1948	1247	36	2.9	-0.000578	**-0.5802**	ug/L
	Mn	55	361	347	16	4.5	-0.000017	**-0.0034**	ug/L
	Fe	54	51442	50264	824	1.6	-0.001757	**-0.9206**	ug/L
	Fe	57	3551	3672	27	0.7	0.000036	**-0.0249**	ug/L
	Co	59	37	40	8	18.9	0.000001	**-0.0046**	ug/L
	Ni	60	52	42	7	17.9	-0.000009	**-0.0058**	ug/L
	Ni	62	215	234	12	5.2	0.000012	**0.0361**	ug/L
	Cu	65	54	31	3	10.5	-0.000033	**-0.0154**	ug/L
	Cu	63	85	71	8	11.0	-0.000022	**-0.0029**	ug/L
	Zn	66	245	182	12	6.9	-0.000094	**-0.0034**	ug/L
	Zn	68	228	159	2	1.4	-0.000102	**-0.0186**	ug/L
>	Ge	74	709212	725523	22308	3.1	725522.966330		ug/L
	As	75	154	83	49	58.4	-0.000101	**0.0012**	ug/L
	As-1	75	7631	7390	50	0.7	-0.000567	**-0.0778**	ug/L
	Se	77	105	94	10	10.8	-0.000004	**-0.1030**	ug/L
	Se	82	-3	-13	9	67.6	-0.000003	**-0.0314**	ug/L
	Sr	88	94	98	15	15.3	0.000000	**-0.0036**	ug/L
	Y	89	67	60	12	20.5	-0.000003	**0.0119**	ug/L
	Mo	98	144	117	59	49.9	-0.000010	**-0.0011**	ug/L
	Ag	107	37	38	5	13.4	0.000000	**0.0018**	ug/L
	Ag	109	38	38	9	23.5	-0.000000	**0.0009**	ug/L
	Cd	111	24	18	2	8.6	-0.000002	**-0.0019**	ug/L
	Cd	114	20	-38	58	154.0	-0.000018	**-0.0109**	ug/L

>	In	115	3160654	3239648	76505	2.4	3239647.586885		ug/L
	Sn	120	17270	18052	466	2.6	0.000109	**-0.0719**	ug/L
	Sb	121	224	350	121	34.4	0.000037	**0.3062**	ug/L
	Cs	133	20	15	1	6.7	-0.000002	**-0.0016**	ug/L
	Ba	138	86	90	9	9.6	0.000001	**-0.0013**	ug/L
	Ce	140	36	36	4	11.1	-0.000000	**0.0002**	ug/L
>	Tm	169	2730830	2816545	24021	0.9	2816544.630210		ug/L
	Tl	205	25	14	3	18.9	-0.000004	**-0.0019**	ug/L
	Pb	208	143	143	3	2.1	-0.000001	**-0.0015**	ug/L
	Bi	209	261	108	47	43.4	-0.000057	**-0.0060**	ug/L
	Th	232	199	177	63	35.7	-0.000010	**0.0020**	ug/L
	U	238	16	13	4	33.5	-0.000001	**-0.0003**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	102.100
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	102.300
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	102.499
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	103.139
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-IBL3

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 16:36:05
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 103

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-IBL3.072
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	36	2	4.2	-0.000005	**-0.0030**	ug/L
	Be	9	33	29	2	7.3	-0.000004	**-0.0113**	ug/L
	B	11	169	126	8	6.4	-0.000038	**-0.0373**	ug/L
	Na	23	6859	5143	137	2.7	-0.001513	**-2.2598**	ug/L
	Mg	24	156	121	3	2.1	-0.000031	**-0.2246**	ug/L
	Al	27	891	866	26	3.0	-0.000045	**-0.0424**	ug/L
	K	39	409328	423690	964	0.2	-0.000665	**0.1101**	ug/L
	Ca	44	69014	49361	376	0.8	-0.017049	**-61.5426**	ug/L
>	Sc	45	1256607	1303476	14595	1.1	1303476.026111		ug/L
	Ti	47	283	244	7	3.0	-0.000038	**-0.0385**	ug/L
	Ti	48	-5947	-4166	39	0.9	0.001536	**0.1789**	ug/L
	V	51	5985	3760	36	1.0	-0.001878	**-0.1725**	ug/L
	Cr	52	6084	5991	215	3.6	-0.000244	**-0.0247**	ug/L
	Cr	53	1948	1234	52	4.3	-0.000603	**-0.6075**	ug/L
	Mn	55	361	329	14	4.3	-0.000035	**-0.0051**	ug/L
	Fe	54	51442	52518	647	1.2	-0.000640	**0.9818**	ug/L
	Fe	57	3551	3672	22	0.6	-0.000009	**-0.2285**	ug/L
	Co	59	37	34	2	6.7	-0.000003	**-0.0051**	ug/L
	Ni	60	52	46	7	15.4	-0.000006	**-0.0042**	ug/L
	Ni	62	215	243	20	8.2	0.000015	**0.0485**	ug/L
	Cu	65	54	40	7	16.4	-0.000021	**-0.0121**	ug/L
	Cu	63	85	78	9	11.5	-0.000013	**-0.0016**	ug/L
	Zn	66	245	159	19	12.0	-0.000124	**-0.0182**	ug/L
	Zn	68	228	156	9	5.5	-0.000106	**-0.0208**	ug/L
>	Ge	74	709212	721816	25877	3.6	721815.817237		ug/L
	As	75	154	105	32	30.4	-0.000070	**0.0116**	ug/L
	As-1	75	7631	7429	97	1.3	-0.000461	**-0.0403**	ug/L
	Se	77	105	94	10	10.9	-0.000005	**-0.1196**	ug/L
	Se	82	-3	3	8	252.1	0.000002	**0.0434**	ug/L
	Sr	88	94	100	10	10.0	0.000000	**-0.0036**	ug/L
	Y	89	67	72	4	4.9	0.000000	**0.0134**	ug/L
	Mo	98	144	113	50	44.3	-0.000012	**-0.0022**	ug/L
	Ag	107	37	32	3	9.4	-0.000002	**0.0011**	ug/L
	Ag	109	38	35	5	15.1	-0.000002	**0.0005**	ug/L
	Cd	111	24	21	6	28.3	-0.000001	**-0.0007**	ug/L
	Cd	114	20	6	29	487.4	-0.000004	**-0.0042**	ug/L

>	In	115	3160654	3331043	85353	2.6	3331043.378462		ug/L
	Sn	120	17270	18657	681	3.6	0.000136	**-0.0643**	ug/L
	Sb	121	224	255	81	31.9	0.000005	**0.2941**	ug/L
	Cs	133	20	19	6	29.5	-0.000001	**-0.0015**	ug/L
	Ba	138	86	86	10	11.2	-0.000001	**-0.0015**	ug/L
	Ce	140	36	34	3	7.8	-0.000001	**0.0001**	ug/L
>	Tm	169	2730830	2851321	54952	1.9	2851320.874181		ug/L
	Tl	205	25	16	6	39.4	-0.000004	**-0.0018**	ug/L
	Pb	208	143	131	22	16.5	-0.000007	**-0.0021**	ug/L
	Bi	209	261	88	40	45.2	-0.000065	**-0.0070**	ug/L
	Th	232	199	152	64	42.0	-0.000020	**0.0001**	ug/L
	U	238	16	13	6	47.6	-0.000001	**-0.0003**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	103.730
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	101.777
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	105.391
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	104.412
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-IBL4

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 16:39:59
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 104

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-IBL4.073
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	41	11	26.1	-0.000001	**0.0011**	ug/L
	Be	9	33	23	6	28.4	-0.000009	**-0.0262**	ug/L
	B	11	169	113	6	5.4	-0.000047	**-0.0628**	ug/L
	Na	23	6859	5908	40	0.7	-0.000894	**-2.1208**	ug/L
	Mg	24	156	163	7	4.1	0.000002	**-0.2138**	ug/L
	Al	27	891	888	65	7.3	-0.000023	**-0.0371**	ug/L
	K	39	409328	424114	1879	0.4	0.001963	**0.4143**	ug/L
	Ca	44	69014	49275	301	0.6	-0.016850	**-60.7703**	ug/L
>	Sc	45	1256607	1294452	20276	1.6	1294452.063230		ug/L
	Ti	47	283	230	14	6.2	-0.000047	**-0.0519**	ug/L
	Ti	48	-5947	-4174	42	1.0	0.001508	**0.1756**	ug/L
	V	51	5985	3648	122	3.3	-0.001945	**-0.1796**	ug/L
	Cr	52	6084	5981	170	2.8	-0.000219	**-0.0216**	ug/L
	Cr	53	1948	1194	24	2.0	-0.000628	**-0.6336**	ug/L
	Mn	55	361	359	29	8.1	-0.000010	**-0.0028**	ug/L
	Fe	54	51442	52837	772	1.5	-0.000106	**1.8909**	ug/L
	Fe	57	3551	3713	153	4.1	0.000044	**0.0087**	ug/L
	Co	59	37	36	2	4.3	-0.000002	**-0.0049**	ug/L
	Ni	60	52	52	11	20.7	-0.000001	**-0.0017**	ug/L
	Ni	62	215	229	13	5.8	0.000006	**0.0169**	ug/L
	Cu	65	54	37	6	15.0	-0.000025	**-0.0133**	ug/L
	Cu	63	85	68	5	6.9	-0.000027	**-0.0035**	ug/L
	Zn	66	245	226	9	4.1	-0.000037	**0.0248**	ug/L
	Zn	68	228	197	8	4.2	-0.000053	**0.0140**	ug/L
>	Ge	74	709212	733001	15498	2.1	733001.155852		ug/L
	As	75	154	116	5	4.1	-0.000058	**0.0156**	ug/L
	As-1	75	7631	7480	61	0.8	-0.000551	**-0.0720**	ug/L
	Se	77	105	96	8	8.1	-0.000003	**-0.0739**	ug/L
	Se	82	-3	-7	17	229.3	-0.000001	**-0.0056**	ug/L
	Sr	88	94	100	8	8.1	0.000002	**-0.0034**	ug/L
	Y	89	67	69	0	0.0	0.000001	**0.0135**	ug/L
	Mo	98	144	91	45	49.6	-0.000017	**-0.0048**	ug/L
	Ag	107	37	34	1	3.4	-0.000001	**0.0015**	ug/L
	Ag	109	38	33	4	11.6	-0.000002	**0.0005**	ug/L
	Cd	111	24	23	2	6.7	-0.000000	**0.0002**	ug/L
	Cd	114	20	10	10	98.4	-0.000003	**-0.0036**	ug/L

>	In	115	3160654	3153600	67078	2.1	3153599.792267		ug/L
	Sn	120	17270	17945	980	5.5	0.000225	**-0.0391**	ug/L
	Sb	121	224	202	45	22.1	-0.000007	**0.2894**	ug/L
	Cs	133	20	18	5	24.6	-0.000001	**-0.0015**	ug/L
	Ba	138	86	92	14	15.0	0.000002	**-0.0011**	ug/L
	Ce	140	36	33	7	21.1	-0.000001	**0.0002**	ug/L
>	Tm	169	2730830	2794400	30144	1.1	2794399.749059		ug/L
	Tl	205	25	14	1	4.2	-0.000004	**-0.0019**	ug/L
	Pb	208	143	146	8	5.5	-0.000000	**-0.0013**	ug/L
	Bi	209	261	84	32	38.1	-0.000066	**-0.0072**	ug/L
	Th	232	199	150	59	39.4	-0.000019	**0.0002**	ug/L
	U	238	16	16	4	21.5	0.000000	**-0.0001**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	103.012
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	103.354
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.777
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	102.328
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV1

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 16:43:56
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCV1.074
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	3041	122	4.0	0.002296	**2.6398**	ug/L
	Be	9	33	423	6	1.4	0.000298	**0.9813**	ug/L
	B	11	169	24182	542	2.2	0.018388	**51.6392**	ug/L
	Na	23	6859	2950783	39203	1.3	2.255156	**504.2757**	ug/L
	Mg	24	156	843130	2192	0.3	0.645869	**212.4239**	ug/L
	Al	27	891	298418	7475	2.5	0.227871	**53.6049**	ug/L
	K	39	409328	1581733	20255	1.3	0.886038	**102.7736**	ug/L
	Ca	44	69014	419409	5229	1.2	0.266372	**1041.0296**	ug/L
>	Sc	45	1256607	1305550	25980	2.0	1305549.561565		ug/L
	Ti	47	283	4949	59	1.2	0.003566	**4.9617**	ug/L
	Ti	48	-5947	50706	1907	3.8	0.043569	**5.2483**	ug/L
	V	51	5985	66219	1358	2.1	0.045960	**4.8625**	ug/L
	Cr	52	6084	140024	1890	1.3	0.102448	**13.0800**	ug/L
	Cr	53	1948	17144	198	1.2	0.011587	**12.5625**	ug/L
	Mn	55	361	38484	756	2.0	0.029204	**2.6395**	ug/L
	Fe	54	51442	257065	6513	2.5	0.156041	**267.7879**	ug/L
	Fe	57	3551	79203	873	1.1	0.057862	**259.4252**	ug/L
	Co	59	37	29065	286	1.0	0.022238	**2.5899**	ug/L
	Ni	60	52	12869	159	1.2	0.009819	**5.1825**	ug/L
	Ni	62	215	2143	34	1.6	0.001471	**5.1501**	ug/L
	Cu	65	54	14272	204	1.4	0.019500	**5.0986**	ug/L
	Cu	63	85	29053	193	0.7	0.039731	**5.1451**	ug/L
	Zn	66	245	7900	54	0.7	0.010491	**5.2067**	ug/L
	Zn	68	228	5926	117	2.0	0.007807	**5.1854**	ug/L
>	Ge	74	709212	729099	11800	1.6	729098.965150		ug/L
	As	75	154	11507	382	3.3	0.015563	**5.2522**	ug/L
	As-1	75	7631	18028	374	2.1	0.013967	**5.0490**	ug/L
	Se	77	105	1672	23	1.3	0.000484	**10.3609**	ug/L
	Se	82	-3	2193	68	3.1	0.000679	**10.3188**	ug/L
	Sr	88	94	140331	1756	1.3	0.043346	**5.2830**	ug/L
	Y	89	67	21779	105	0.5	0.006710	**3.1019**	ug/L
	Mo	98	144	3240	28	0.9	0.000956	**0.4912**	ug/L
	Ag	107	37	11257	120	1.1	0.003467	**0.9850**	ug/L
	Ag	109	38	11067	50	0.5	0.003408	**1.0006**	ug/L
	Cd	111	24	1409	61	4.3	0.000428	**0.5049**	ug/L
	Cd	114	20	3393	84	2.5	0.001042	**0.5224**	ug/L

>	In	115	3160654	3235530	24943	0.8	3235529.957325		ug/L
	Sn	120	17270	46386	1539	3.3	0.008875	**2.3961**	ug/L
	Sb	121	224	6233	797	12.8	0.001857	**1.0097**	ug/L
	Cs	133	20	88533	840	0.9	0.027359	**2.5046**	ug/L
	Ba	138	86	64002	691	1.1	0.019755	**2.4587**	ug/L
	Ce	140	36	16712	152	0.9	0.005154	**0.5144**	ug/L
>	Tm	169	2730830	2853795	11434	0.4	2853795.058651		ug/L
	Tl	205	25	4921	50	1.0	0.001715	**0.2601**	ug/L
	Pb	208	143	64515	327	0.5	0.022555	**2.5557**	ug/L
	Bi	209	261	49293	1564	3.2	0.017177	**2.4471**	ug/L
	Th	232	199	6643	2945	44.3	0.002253	**0.4482**	ug/L
	U	238	16	13513	161	1.2	0.004729	**0.4984**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	103.895
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	102.804
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	102.369
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	104.503
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB1

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 16:47:51
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCB1.075
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	36	2	4.8	-0.000005	**-0.0026**	ug/L
	Be	9	33	30	9	28.5	-0.000003	**-0.0065**	ug/L
	B	11	169	139	16	11.6	-0.000026	**-0.0024**	ug/L
	Na	23	6859	6850	1349	19.7	-0.000095	**-1.9414**	ug/L
	Mg	24	156	904	362	40.0	0.000584	**-0.0222**	ug/L
	Al	27	891	870	73	8.4	-0.000028	**-0.0384**	ug/L
	K	39	409328	419840	1203	0.3	0.003004	**0.5348**	ug/L
	Ca	44	69014	48332	414	0.9	-0.017076	**-61.6463**	ug/L
>	Sc	45	1256607	1277147	10316	0.8	1277147.285333		ug/L
	Ti	47	283	232	20	8.4	-0.000043	**-0.0458**	ug/L
	Ti	48	-5947	-4056	35	0.9	0.001556	**0.1814**	ug/L
	V	51	5985	3555	102	2.9	-0.001978	**-0.1831**	ug/L
	Cr	52	6084	5775	97	1.7	-0.000319	**-0.0343**	ug/L
	Cr	53	1948	1170	7	0.6	-0.000634	**-0.6403**	ug/L
	Mn	55	361	377	17	4.4	0.000008	**-0.0012**	ug/L
	Fe	54	51442	51370	2219	4.3	-0.000722	**0.8431**	ug/L
	Fe	57	3551	3668	58	1.6	0.000046	**0.0189**	ug/L
	Co	59	37	43	3	5.9	0.000004	**-0.0043**	ug/L
	Ni	60	52	48	6	13.6	-0.000004	**-0.0032**	ug/L
	Ni	62	215	215	15	6.8	-0.000003	**-0.0146**	ug/L
	Cu	65	54	52	3	5.6	-0.000004	**-0.0078**	ug/L
	Cu	63	85	85	18	21.2	-0.000003	**-0.0004**	ug/L
	Zn	66	245	235	16	6.6	-0.000020	**0.0330**	ug/L
	Zn	68	228	220	20	9.1	-0.000019	**0.0363**	ug/L
>	Ge	74	709212	723729	20347	2.8	723728.917051		ug/L
	As	75	154	169	49	29.1	0.000017	**0.0408**	ug/L
	As-1	75	7631	7385	63	0.9	-0.000548	**-0.0710**	ug/L
	Se	77	105	87	11	13.1	-0.000005	**-0.1308**	ug/L
	Se	82	-3	20	8	37.4	0.000007	**0.1276**	ug/L
	Sr	88	94	116	12	10.3	0.000007	**-0.0027**	ug/L
	Y	89	67	54	8	15.2	-0.000004	**0.0114**	ug/L
	Mo	98	144	108	44	41.2	-0.000011	**-0.0020**	ug/L
	Ag	107	37	102	5	4.6	0.000021	**0.0077**	ug/L
	Ag	109	38	90	11	12.3	0.000017	**0.0059**	ug/L
	Cd	111	24	24	6	23.7	0.000000	**0.0008**	ug/L
	Cd	114	20	1	25	4733.6	-0.000006	**-0.0051**	ug/L

>	In	115	3160654	3134558	28954	0.9	3134557.806165		ug/L
	Sn	120	17270	17741	379	2.1	0.000197	**-0.0472**	ug/L
	Sb	121	224	694	143	20.6	0.000151	**0.3502**	ug/L
	Cs	133	20	26	2	7.7	0.000002	**-0.0012**	ug/L
	Ba	138	86	101	10	10.1	0.000005	**-0.0007**	ug/L
	Ce	140	36	36	1	1.6	0.000000	**0.0003**	ug/L
>	Tm	169	2730830	2765978	53722	1.9	2765978.252569		ug/L
	Tl	205	25	18	7	35.5	-0.000003	**-0.0016**	ug/L
	Pb	208	143	132	13	9.6	-0.000004	**-0.0018**	ug/L
	Bi	209	261	507	174	34.3	0.000087	**0.0146**	ug/L
	Th	232	199	547	162	29.5	0.000124	**0.0285**	ug/L
	U	238	16	19	5	25.3	0.000001	**-0.0000**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	101.635
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	102.047
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.174
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	101.287
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-244A

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 17:00:27
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 106

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-244A.076
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	36	7	18.3	-0.000005	**-0.0025**	ug/L
	Be	9	33	28	4	15.6	-0.000004	**-0.0116**	ug/L
	B	11	169	123	17	13.4	-0.000039	**-0.0387**	ug/L
	Na	23	6859	7634	430	5.6	0.000505	**-1.8069**	ug/L
	Mg	24	156	194	14	7.0	0.000028	**-0.2054**	ug/L
	Al	27	891	809	39	4.8	-0.000077	**-0.0498**	ug/L
	K	39	409328	422117	4796	1.1	0.004219	**0.6755**	ug/L
	Ca	44	69014	49417	1372	2.8	-0.016297	**-58.6158**	ug/L
>	Sc	45	1256607	1279748	33421	2.6	1279747.701771		ug/L
	Ti	47	283	215	12	5.7	-0.000057	**-0.0650**	ug/L
	Ti	48	-5947	-4172	132	3.2	0.001472	**0.1712**	ug/L
	V	51	5985	3683	234	6.3	-0.001885	**-0.1733**	ug/L
	Cr	52	6084	5539	134	2.4	-0.000511	**-0.0588**	ug/L
	Cr	53	1948	1231	16	1.3	-0.000587	**-0.5901**	ug/L
	Mn	55	361	282	2	0.7	-0.000067	**-0.0079**	ug/L
	Fe	54	51442	38664	318	0.8	-0.010708	**-16.1623**	ug/L
	Fe	57	3551	3598	168	4.7	-0.000013	**-0.2452**	ug/L
	Co	59	37	40	5	12.4	0.000002	**-0.0045**	ug/L
	Ni	60	52	41	4	9.8	-0.000009	**-0.0062**	ug/L
	Ni	62	215	222	5	2.3	0.000002	**0.0030**	ug/L
	Cu	65	54	70	15	20.8	0.000021	**-0.0011**	ug/L
	Cu	63	85	111	6	4.9	0.000035	**0.0045**	ug/L
	Zn	66	245	333	33	10.0	0.000118	**0.1009**	ug/L
	Zn	68	228	275	4	1.5	0.000060	**0.0884**	ug/L
>	Ge	74	709212	718658	17612	2.5	718657.579877		ug/L
	As	75	154	128	45	35.5	-0.000038	**0.0225**	ug/L
	As-1	75	7631	7363	87	1.2	-0.000511	**-0.0580**	ug/L
	Se	77	105	90	10	10.9	-0.000004	**-0.1042**	ug/L
	Se	82	-3	12	5	43.2	0.000005	**0.0890**	ug/L
	Sr	88	94	119	7	6.1	0.000008	**-0.0026**	ug/L
	Y	89	67	67	6	8.3	0.000000	**0.0133**	ug/L
	Mo	98	144	118	62	52.2	-0.000008	**-0.0002**	ug/L
	Ag	107	37	51	15	28.5	0.000005	**0.0031**	ug/L
	Ag	109	38	47	11	22.9	0.000003	**0.0018**	ug/L
	Cd	111	24	17	2	8.8	-0.000002	**-0.0017**	ug/L
	Cd	114	20	7	10	145.9	-0.000004	**-0.0040**	ug/L

>	In	115	3160654	3109581	59695	1.9	3109581.347978		ug/L
	Sn	120	17270	17097	439	2.6	0.000034	**-0.0930**	ug/L
	Sb	121	224	264	106	39.9	0.000014	**0.2974**	ug/L
	Cs	133	20	19	5	24.7	-0.000000	**-0.0014**	ug/L
	Ba	138	86	122	13	11.0	0.000012	**0.0001**	ug/L
	Ce	140	36	38	14	38.0	0.000001	**0.0003**	ug/L
>	Tm	169	2730830	2736712	66236	2.4	2736712.184838		ug/L
	Tl	205	25	16	5	31.5	-0.000004	**-0.0018**	ug/L
	Pb	208	143	186	18	9.6	0.000016	**0.0004**	ug/L
	Bi	209	261	213	74	34.7	-0.000018	**-0.0003**	ug/L
	Th	232	199	95	26	27.6	-0.000038	**-0.0035**	ug/L
	U	238	16	18	5	24.6	0.000001	**-0.0000**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	101.841
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	101.332
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.384
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	100.215
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-244B

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 17:04:21
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 107

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-244B.077
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	38	9	22.5	-0.000003	**-0.0004**	ug/L
	Be	9	33	34	8	23.3	0.000001	**0.0047**	ug/L
	B	11	169	123	26	21.2	-0.000037	**-0.0346**	ug/L
	Na	23	6859	5782	133	2.3	-0.000882	**-2.1180**	ug/L
	Mg	24	156	127	3	2.0	-0.000024	**-0.2223**	ug/L
	Al	27	891	783	21	2.7	-0.000090	**-0.0529**	ug/L
	K	39	409328	420214	2320	0.6	0.006964	**0.9934**	ug/L
	Ca	44	69014	47602	576	1.2	-0.017229	**-62.2428**	ug/L
>	Sc	45	1256607	1263446	26836	2.1	1263446.399297		ug/L
	Ti	47	283	212	19	8.7	-0.000057	**-0.0652**	ug/L
	Ti	48	-5947	-4048	66	1.6	0.001527	**0.1779**	ug/L
	V	51	5985	3402	67	2.0	-0.002068	**-0.1926**	ug/L
	Cr	52	6084	5490	87	1.6	-0.000496	**-0.0569**	ug/L
	Cr	53	1948	1146	39	3.4	-0.000642	**-0.6495**	ug/L
	Mn	55	361	272	7	2.5	-0.000072	**-0.0084**	ug/L
	Fe	54	51442	38106	555	1.5	-0.010767	**-16.2619**	ug/L
	Fe	57	3551	3509	37	1.0	-0.000048	**-0.4023**	ug/L
	Co	59	37	31	8	26.8	-0.000005	**-0.0053**	ug/L
	Ni	60	52	46	2	3.7	-0.000005	**-0.0036**	ug/L
	Ni	62	215	232	21	8.8	0.000013	**0.0395**	ug/L
	Cu	65	54	278	25	9.2	0.000311	**0.0747**	ug/L
	Cu	63	85	538	34	6.2	0.000628	**0.0813**	ug/L
	Zn	66	245	360	8	2.1	0.000155	**0.1195**	ug/L
	Zn	68	228	296	13	4.3	0.000090	**0.1076**	ug/L
>	Ge	74	709212	719008	6176	0.9	719008.370930		ug/L
	As	75	154	71	51	71.8	-0.000118	**-0.0044**	ug/L
	As-1	75	7631	7277	71	1.0	-0.000638	**-0.1026**	ug/L
	Se	77	105	99	13	12.9	-0.000001	**-0.0449**	ug/L
	Se	82	-3	-3	2	62.8	-0.000000	**0.0160**	ug/L
	Sr	88	94	101	15	14.6	0.000002	**-0.0033**	ug/L
	Y	89	67	67	6	9.1	0.000000	**0.0133**	ug/L
	Mo	98	144	80	36	45.3	-0.000020	**-0.0067**	ug/L
	Ag	107	37	30	8	27.2	-0.000002	**0.0011**	ug/L
	Ag	109	38	41	7	17.1	0.000001	**0.0013**	ug/L
	Cd	111	24	17	1	3.3	-0.000002	**-0.0018**	ug/L
	Cd	114	20	-5	33	615.8	-0.000008	**-0.0059**	ug/L

>	In	115	3160654	3127844	118860	3.8	3127844.101394		ug/L
	Sn	120	17270	17809	1313	7.4	0.000227	**-0.0387**	ug/L
	Sb	121	224	165	56	33.9	-0.000018	**0.2848**	ug/L
	Cs	133	20	19	1	5.3	-0.000000	**-0.0014**	ug/L
	Ba	138	86	97	12	12.6	0.000004	**-0.0009**	ug/L
	Ce	140	36	32	2	4.8	-0.000001	**0.0001**	ug/L
>	Tm	169	2730830	2761491	79156	2.9	2761491.235320		ug/L
	Tl	205	25	17	3	15.6	-0.000003	**-0.0017**	ug/L
	Pb	208	143	143	5	3.6	-0.000001	**-0.0014**	ug/L
	Bi	209	261	68	17	24.3	-0.000071	**-0.0079**	ug/L
	Th	232	199	66	19	28.7	-0.000049	**-0.0057**	ug/L
	U	238	16	13	5	35.3	-0.000001	**-0.0003**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	100.544
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	101.381
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.962
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	101.123
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-244C

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 17:08:15
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 108

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-244C.078
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	39	6	16.0	-0.000002	**0.0000**	ug/L
	Be	9	33	27	4	13.9	-0.000005	**-0.0136**	ug/L
	B	11	169	106	6	6.1	-0.000052	**-0.0767**	ug/L
	Na	23	6859	7375	234	3.2	0.000293	**-1.8544**	ug/L
	Mg	24	156	132	20	14.8	-0.000021	**-0.2214**	ug/L
	Al	27	891	785	34	4.3	-0.000097	**-0.0547**	ug/L
	K	39	409328	425092	2666	0.6	0.005634	**0.8394**	ug/L
	Ca	44	69014	46502	621	1.3	-0.018681	**-67.8924**	ug/L
>	Sc	45	1256607	1283504	33190	2.6	1283504.415984		ug/L
	Ti	47	283	233	26	11.2	-0.000043	**-0.0463**	ug/L
	Ti	48	-5947	-3937	54	1.4	0.001664	**0.1944**	ug/L
	V	51	5985	3348	22	0.7	-0.002153	**-0.2015**	ug/L
	Cr	52	6084	5719	279	4.9	-0.000386	**-0.0428**	ug/L
	Cr	53	1948	1125	41	3.7	-0.000672	**-0.6819**	ug/L
	Mn	55	361	289	6	2.2	-0.000062	**-0.0075**	ug/L
	Fe	54	51442	40075	1361	3.4	-0.009717	**-14.4747**	ug/L
	Fe	57	3551	3701	54	1.5	0.000058	**0.0739**	ug/L
	Co	59	37	35	5	13.6	-0.000002	**-0.0050**	ug/L
	Ni	60	52	45	12	25.5	-0.000006	**-0.0044**	ug/L
	Ni	62	215	218	9	4.1	-0.000001	**-0.0092**	ug/L
	Cu	65	54	42	5	12.1	-0.000018	**-0.0113**	ug/L
	Cu	63	85	72	11	14.9	-0.000022	**-0.0029**	ug/L
	Zn	66	245	361	13	3.6	0.000148	**0.1158**	ug/L
	Zn	68	228	289	17	5.9	0.000072	**0.0962**	ug/L
>	Ge	74	709212	732337	12117	1.7	732337.190631		ug/L
	As	75	154	90	34	37.9	-0.000093	**0.0038**	ug/L
	As-1	75	7631	7248	76	1.1	-0.000861	**-0.1813**	ug/L
	Se	77	105	96	4	4.0	-0.000003	**-0.0703**	ug/L
	Se	82	-3	-7	12	186.1	-0.000001	**-0.0016**	ug/L
	Sr	88	94	96	14	15.0	0.000001	**-0.0035**	ug/L
	Y	89	67	71	15	20.6	0.000001	**0.0138**	ug/L
	Mo	98	144	72	42	58.8	-0.000023	**-0.0078**	ug/L
	Ag	107	37	33	5	13.9	-0.000001	**0.0014**	ug/L
	Ag	109	38	31	7	21.7	-0.000002	**0.0004**	ug/L
	Cd	111	24	15	2	13.3	-0.000003	**-0.0027**	ug/L
	Cd	114	20	2	25	1217.8	-0.000006	**-0.0048**	ug/L

>	In	115	3160654	3128213	63471	2.0	3128213.211614		ug/L
	Sn	120	17270	17608	259	1.5	0.000165	**-0.0561**	ug/L
	Sb	121	224	142	27	19.1	-0.000025	**0.2821**	ug/L
	Cs	133	20	19	6	33.3	-0.000000	**-0.0014**	ug/L
	Ba	138	86	118	5	4.2	0.000011	**-0.0000**	ug/L
	Ce	140	36	34	3	7.8	-0.000000	**0.0002**	ug/L
>	Tm	169	2730830	2759516	60369	2.2	2759515.608322		ug/L
	Tl	205	25	15	4	26.4	-0.000004	**-0.0018**	ug/L
	Pb	208	143	131	11	8.5	-0.000005	**-0.0019**	ug/L
	Bi	209	261	60	21	34.4	-0.000074	**-0.0083**	ug/L
	Th	232	199	72	13	17.8	-0.000047	**-0.0052**	ug/L
	U	238	16	15	1	3.8	-0.000000	**-0.0002**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	102.140
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	103.261
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.974
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	101.050
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-244D

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 17:12:09
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 109

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-244D.079
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	38	5	12.3	-0.000003	**-0.0010**	ug/L
	Be	9	33	24	3	13.2	-0.000007	**-0.0220**	ug/L
	B	11	169	118	5	4.5	-0.000044	**-0.0530**	ug/L
	Na	23	6859	48819	365	0.7	0.032154	**5.2971**	ug/L
	Mg	24	156	247	23	9.1	0.000066	**-0.1927**	ug/L
	Al	27	891	817	16	1.9	-0.000080	**-0.0506**	ug/L
	K	39	409328	429450	631	0.1	0.005139	**0.7821**	ug/L
	Ca	44	69014	45609	633	1.4	-0.019787	**-72.1950**	ug/L
>	Sc	45	1256607	1298483	34589	2.7	1298482.857009		ug/L
	Ti	47	283	198	8	4.2	-0.000073	**-0.0870**	ug/L
	Ti	48	-5947	-3848	67	1.7	0.001768	**0.2069**	ug/L
	V	51	5985	3314	35	1.1	-0.002210	**-0.2075**	ug/L
	Cr	52	6084	5591	270	4.8	-0.000537	**-0.0621**	ug/L
	Cr	53	1948	1085	21	1.9	-0.000714	**-0.7267**	ug/L
	Mn	55	361	309	14	4.5	-0.000050	**-0.0064**	ug/L
	Fe	54	51442	38441	442	1.2	-0.011324	**-17.2114**	ug/L
	Fe	57	3551	3714	45	1.2	0.000036	**-0.0261**	ug/L
	Co	59	37	33	2	4.7	-0.000004	**-0.0052**	ug/L
	Ni	60	52	48	2	3.6	-0.000005	**-0.0036**	ug/L
	Ni	62	215	221	11	4.8	-0.000001	**-0.0082**	ug/L
	Cu	65	54	52	6	11.2	-0.000005	**-0.0079**	ug/L
	Cu	63	85	85	4	4.4	-0.000003	**-0.0004**	ug/L
	Zn	66	245	188	13	6.9	-0.000088	**-0.0001**	ug/L
	Zn	68	228	182	15	8.0	-0.000072	**0.0012**	ug/L
>	Ge	74	709212	728663	18349	2.5	728663.231806		ug/L
	As	75	154	90	19	21.1	-0.000094	**0.0038**	ug/L
	As-1	75	7631	7310	147	2.0	-0.000726	**-0.1338**	ug/L
	Se	77	105	98	6	6.5	-0.000002	**-0.0564**	ug/L
	Se	82	-3	-4	8	208.6	-0.000000	**0.0109**	ug/L
	Sr	88	94	152	18	12.1	0.000018	**-0.0013**	ug/L
	Y	89	67	65	10	14.7	-0.000001	**0.0129**	ug/L
	Mo	98	144	69	31	44.3	-0.000024	**-0.0084**	ug/L
	Ag	107	37	35	4	12.0	-0.000001	**0.0015**	ug/L
	Ag	109	38	30	8	27.5	-0.000002	**0.0003**	ug/L
	Cd	111	24	17	4	21.2	-0.000002	**-0.0020**	ug/L
	Cd	114	20	9	14	160.4	-0.000003	**-0.0037**	ug/L

>	In	115	3160654	3148375	34815	1.1	3148374.832049		ug/L
	Sn	120	17270	17381	446	2.6	0.000057	**-0.0865**	ug/L
	Sb	121	224	122	34	27.7	-0.000032	**0.2796**	ug/L
	Cs	133	20	18	3	17.5	-0.000001	**-0.0015**	ug/L
	Ba	138	86	111	8	6.8	0.000008	**-0.0003**	ug/L
	Ce	140	36	32	1	1.8	-0.000001	**0.0001**	ug/L
>	Tm	169	2730830	2740682	35115	1.3	2740682.041725		ug/L
	Tl	205	25	17	3	15.6	-0.000003	**-0.0017**	ug/L
	Pb	208	143	151	9	6.0	0.000003	**-0.0010**	ug/L
	Bi	209	261	49	11	23.0	-0.000078	**-0.0089**	ug/L
	Th	232	199	55	16	29.2	-0.000053	**-0.0065**	ug/L
	U	238	16	10	1	5.6	-0.000002	**-0.0004**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	103.332
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	102.743
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.612
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	100.361
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-244E

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 17:16:03
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 110

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-244E.080
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	36	5	13.6	-0.000004	**-0.0022**	ug/L
	Be	9	33	24	7	28.8	-0.000007	**-0.0224**	ug/L
	B	11	169	116	8	6.8	-0.000043	**-0.0520**	ug/L
	Na	23	6859	10231	177	1.7	0.002583	**-1.3404**	ug/L
	Mg	24	156	166	12	7.4	0.000006	**-0.2124**	ug/L
	Al	27	891	803	27	3.3	-0.000078	**-0.0501**	ug/L
	K	39	409328	422389	2745	0.6	0.006225	**0.9078**	ug/L
	Ca	44	69014	45549	192	0.4	-0.019122	**-69.6081**	ug/L
>	Sc	45	1256607	1272444	9920	0.8	1272443.952678		ug/L
	Ti	47	283	205	6	2.7	-0.000064	**-0.0744**	ug/L
	Ti	48	-5947	-3840	24	0.6	0.001715	**0.2005**	ug/L
	V	51	5985	3276	37	1.1	-0.002188	**-0.2052**	ug/L
	Cr	52	6084	5744	328	5.7	-0.000326	**-0.0352**	ug/L
	Cr	53	1948	1075	15	1.4	-0.000705	**-0.7176**	ug/L
	Mn	55	361	298	32	10.6	-0.000053	**-0.0067**	ug/L
	Fe	54	51442	39088	1647	4.2	-0.010210	**-15.3143**	ug/L
	Fe	57	3551	3632	95	2.6	0.000028	**-0.0597**	ug/L
	Co	59	37	35	2	5.7	-0.000002	**-0.0050**	ug/L
	Ni	60	52	39	4	9.7	-0.000011	**-0.0069**	ug/L
	Ni	62	215	220	9	4.3	0.000002	**0.0026**	ug/L
	Cu	65	54	45	4	8.5	-0.000015	**-0.0105**	ug/L
	Cu	63	85	77	4	4.5	-0.000014	**-0.0019**	ug/L
	Zn	66	245	182	6	3.5	-0.000095	**-0.0040**	ug/L
	Zn	68	228	193	6	3.0	-0.000058	**0.0103**	ug/L
>	Ge	74	709212	730669	10317	1.4	730668.518298		ug/L
	As	75	154	112	54	48.0	-0.000064	**0.0137**	ug/L
	As-1	75	7631	7352	103	1.4	-0.000698	**-0.1237**	ug/L
	Se	77	105	92	9	9.9	-0.000004	**-0.1045**	ug/L
	Se	82	-3	-2	14	922.2	0.000000	**0.0217**	ug/L
	Sr	88	94	111	3	2.3	0.000005	**-0.0030**	ug/L
	Y	89	67	62	11	18.2	-0.000002	**0.0124**	ug/L
	Mo	98	144	60	19	31.2	-0.000027	**-0.0099**	ug/L
	Ag	107	37	38	5	13.9	0.000000	**0.0018**	ug/L
	Ag	109	38	25	5	18.3	-0.000004	**-0.0003**	ug/L
	Cd	111	24	19	6	32.0	-0.000002	**-0.0013**	ug/L
	Cd	114	20	12	21	182.1	-0.000003	**-0.0033**	ug/L

>	In	115	3160654	3160264	51824	1.6	3160264.282342		ug/L
	Sn	120	17270	17445	947	5.4	0.000055	**-0.0870**	ug/L
	Sb	121	224	116	32	27.2	-0.000034	**0.2787**	ug/L
	Cs	133	20	17	3	19.3	-0.000001	**-0.0015**	ug/L
	Ba	138	86	175	12	7.2	0.000028	**0.0021**	ug/L
	Ce	140	36	31	6	17.6	-0.000001	**0.0001**	ug/L
>	Tm	169	2730830	2781177	28984	1.0	2781176.814313		ug/L
	Tl	205	25	15	3	17.2	-0.000004	**-0.0018**	ug/L
	Pb	208	143	231	18	7.8	0.000031	**0.0021**	ug/L
	Bi	209	261	37	10	27.4	-0.000082	**-0.0095**	ug/L
	Th	232	199	49	12	24.8	-0.000055	**-0.0069**	ug/L
	U	238	16	14	3	18.4	-0.000001	**-0.0002**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	101.260
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	103.025
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.988
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	101.844
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-244F

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 17:19:57
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 111

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-244F.081
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	34	10	30.6	-0.000006	**-0.0045**	ug/L
	Be	9	33	28	3	10.7	-0.000004	**-0.0121**	ug/L
	B	11	169	106	9	8.9	-0.000052	**-0.0761**	ug/L
	Na	23	6859	17052	58	0.3	0.007802	**-0.1689**	ug/L
	Mg	24	156	373	25	6.7	0.000166	**-0.1597**	ug/L
	Al	27	891	883	20	2.2	-0.000022	**-0.0370**	ug/L
	K	39	409328	421634	3984	0.9	0.002092	**0.4293**	ug/L
	Ca	44	69014	45133	398	0.9	-0.019826	**-72.3448**	ug/L
>	Sc	45	1256607	1286282	24281	1.9	1286282.137260		ug/L
	Ti	47	283	215	10	4.7	-0.000058	**-0.0667**	ug/L
	Ti	48	-5947	-3779	39	1.0	0.001794	**0.2101**	ug/L
	V	51	5985	3143	73	2.3	-0.002319	**-0.2190**	ug/L
	Cr	52	6084	5574	109	2.0	-0.000507	**-0.0583**	ug/L
	Cr	53	1948	1077	39	3.6	-0.000712	**-0.7250**	ug/L
	Mn	55	361	296	19	6.5	-0.000057	**-0.0071**	ug/L
	Fe	54	51442	38493	730	1.9	-0.011011	**-16.6776**	ug/L
	Fe	57	3551	3751	23	0.6	0.000091	**0.2201**	ug/L
	Co	59	37	41	4	8.5	0.000003	**-0.0044**	ug/L
	Ni	60	52	45	18	39.4	-0.000006	**-0.0045**	ug/L
	Ni	62	215	231	6	2.4	0.000009	**0.0261**	ug/L
	Cu	65	54	43	9	21.3	-0.000017	**-0.0110**	ug/L
	Cu	63	85	75	5	6.7	-0.000018	**-0.0023**	ug/L
	Zn	66	245	205	31	15.3	-0.000064	**0.0117**	ug/L
	Zn	68	228	203	18	8.7	-0.000045	**0.0191**	ug/L
>	Ge	74	709212	731970	23641	3.2	731970.328159		ug/L
	As	75	154	87	36	41.3	-0.000098	**0.0022**	ug/L
	As-1	75	7631	7223	25	0.3	-0.000885	**-0.1899**	ug/L
	Se	77	105	90	8	8.7	-0.000005	**-0.1132**	ug/L
	Se	82	-3	-11	15	130.0	-0.000003	**-0.0248**	ug/L
	Sr	88	94	162	3	2.1	0.000022	**-0.0010**	ug/L
	Y	89	67	65	3	4.6	-0.000001	**0.0129**	ug/L
	Mo	98	144	67	26	38.9	-0.000024	**-0.0086**	ug/L
	Ag	107	37	30	3	8.5	-0.000002	**0.0011**	ug/L
	Ag	109	38	31	2	6.6	-0.000002	**0.0004**	ug/L
	Cd	111	24	21	6	26.6	-0.000001	**-0.0006**	ug/L
	Cd	114	20	0	20	23657.5	-0.000006	**-0.0051**	ug/L

>	In	115	3160654	3151561	64476	2.0	3151561.483610		ug/L
	Sn	120	17270	17683	452	2.6	0.000147	**-0.0612**	ug/L
	Sb	121	224	92	16	17.0	-0.000042	**0.2758**	ug/L
	Cs	133	20	15	7	44.4	-0.000002	**-0.0016**	ug/L
	Ba	138	86	268	8	2.8	0.000058	**0.0059**	ug/L
	Ce	140	36	34	10	27.7	-0.000000	**0.0002**	ug/L
>	Tm	169	2730830	2709779	58444	2.2	2709778.919608		ug/L
	Tl	205	25	12	4	30.7	-0.000005	**-0.0020**	ug/L
	Pb	208	143	288	17	6.0	0.000054	**0.0048**	ug/L
	Bi	209	261	41	19	45.0	-0.000080	**-0.0093**	ug/L
	Th	232	199	49	8	16.3	-0.000055	**-0.0068**	ug/L
	U	238	16	10	6	53.3	-0.000002	**-0.0004**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	102.361
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	103.209
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.712
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	99.229
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-244G

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 17:23:50
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 112

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-244G.082
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	38	10	26.1	-0.000002	**-0.0001**	ug/L
	Be	9	33	27	5	18.0	-0.000004	**-0.0129**	ug/L
	B	11	169	106	17	16.4	-0.000050	**-0.0715**	ug/L
	Na	23	6859	8635	19	0.2	0.001361	**-1.6146**	ug/L
	Mg	24	156	167	5	2.7	0.000008	**-0.2118**	ug/L
	Al	27	891	825	17	2.0	-0.000057	**-0.0453**	ug/L
	K	39	409328	420577	1634	0.4	0.006440	**0.9327**	ug/L
	Ca	44	69014	44420	647	1.5	-0.019828	**-72.3543**	ug/L
>	Sc	45	1256607	1266838	36933	2.9	1266838.024539		ug/L
	Ti	47	283	188	18	9.6	-0.000076	**-0.0921**	ug/L
	Ti	48	-5947	-3757	48	1.3	0.001765	**0.2065**	ug/L
	V	51	5985	3164	120	3.8	-0.002262	**-0.2129**	ug/L
	Cr	52	6084	5542	173	3.1	-0.000467	**-0.0532**	ug/L
	Cr	53	1948	1052	57	5.4	-0.000719	**-0.7327**	ug/L
	Mn	55	361	286	13	4.4	-0.000062	**-0.0075**	ug/L
	Fe	54	51442	37927	331	0.9	-0.010979	**-16.6231**	ug/L
	Fe	57	3551	3694	123	3.3	0.000090	**0.2157**	ug/L
	Co	59	37	37	9	24.0	-0.000000	**-0.0048**	ug/L
	Ni	60	52	40	8	20.2	-0.000010	**-0.0063**	ug/L
	Ni	62	215	227	11	4.9	0.000008	**0.0224**	ug/L
	Cu	65	54	47	7	14.6	-0.000011	**-0.0095**	ug/L
	Cu	63	85	71	3	4.5	-0.000022	**-0.0028**	ug/L
	Zn	66	245	215	12	5.6	-0.000046	**0.0204**	ug/L
	Zn	68	228	200	12	6.0	-0.000044	**0.0195**	ug/L
>	Ge	74	709212	719377	8863	1.2	719377.246227		ug/L
	As	75	154	140	76	54.1	-0.000021	**0.0282**	ug/L
	As-1	75	7631	7419	16	0.2	-0.000445	**-0.0348**	ug/L
	Se	77	105	84	10	11.6	-0.000006	**-0.1435**	ug/L
	Se	82	-3	-4	15	433.3	-0.000000	**0.0128**	ug/L
	Sr	88	94	110	15	13.2	0.000006	**-0.0029**	ug/L
	Y	89	67	61	3	4.7	-0.000001	**0.0126**	ug/L
	Mo	98	144	58	18	32.0	-0.000027	**-0.0101**	ug/L
	Ag	107	37	31	7	21.3	-0.000002	**0.0013**	ug/L
	Ag	109	38	26	7	24.7	-0.000004	**-0.0001**	ug/L
	Cd	111	24	17	6	35.3	-0.000002	**-0.0016**	ug/L
	Cd	114	20	-8	6	73.9	-0.000009	**-0.0064**	ug/L

>	In	115	3160654	3087340	120322	3.9	3087340.406640		ug/L
	Sn	120	17270	17628	307	1.7	0.000249	**-0.0324**	ug/L
	Sb	121	224	98	20	19.9	-0.000039	**0.2768**	ug/L
	Cs	133	20	16	1	7.1	-0.000001	**-0.0015**	ug/L
	Ba	138	86	114	9	7.8	0.000010	**-0.0001**	ug/L
	Ce	140	36	34	6	16.4	-0.000000	**0.0002**	ug/L
>	Tm	169	2730830	2723839	39549	1.5	2723838.984438		ug/L
	Tl	205	25	15	3	19.7	-0.000004	**-0.0018**	ug/L
	Pb	208	143	126	5	4.1	-0.000006	**-0.0020**	ug/L
	Bi	209	261	41	3	7.5	-0.000081	**-0.0093**	ug/L
	Th	232	199	44	5	10.4	-0.000057	**-0.0072**	ug/L
	U	238	16	14	5	33.0	-0.000000	**-0.0002**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	100.814
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	101.433
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	97.680
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	99.744
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-244H

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 17:27:45
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 113

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-244H.083
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	65	4	6.2	0.000018	**0.0234**	ug/L
	Be	9	33	28	5	17.4	-0.000004	**-0.0113**	ug/L
	B	11	169	124	9	7.6	-0.000038	**-0.0377**	ug/L
	Na	23	6859	11406	110	1.0	0.003413	**-1.1541**	ug/L
	Mg	24	156	201	18	8.7	0.000032	**-0.2039**	ug/L
	Al	27	891	867	36	4.1	-0.000035	**-0.0400**	ug/L
	K	39	409328	421769	674	0.2	0.002346	**0.4587**	ug/L
	Ca	44	69014	44412	384	0.9	-0.020377	**-74.4911**	ug/L
>	Sc	45	1256607	1285950	29189	2.3	1285949.669886		ug/L
	Ti	47	283	192	9	4.4	-0.000076	**-0.0915**	ug/L
	Ti	48	-5947	-3730	72	1.9	0.001831	**0.2145**	ug/L
	V	51	5985	3094	71	2.3	-0.002356	**-0.2229**	ug/L
	Cr	52	6084	5632	251	4.5	-0.000461	**-0.0524**	ug/L
	Cr	53	1948	1017	5	0.5	-0.000759	**-0.7752**	ug/L
	Mn	55	361	303	27	8.8	-0.000052	**-0.0066**	ug/L
	Fe	54	51442	39144	685	1.8	-0.010494	**-15.7982**	ug/L
	Fe	57	3551	3707	57	1.6	0.000058	**0.0737**	ug/L
	Co	59	37	36	6	15.7	-0.000001	**-0.0049**	ug/L
	Ni	60	52	48	8	16.9	-0.000004	**-0.0033**	ug/L
	Ni	62	215	211	12	5.7	-0.000007	**-0.0280**	ug/L
	Cu	65	54	44	5	10.4	-0.000015	**-0.0105**	ug/L
	Cu	63	85	77	5	6.9	-0.000014	**-0.0019**	ug/L
	Zn	66	245	351	11	3.1	0.000137	**0.1106**	ug/L
	Zn	68	228	297	17	5.9	0.000086	**0.1055**	ug/L
>	Ge	74	709212	726989	19852	2.7	726988.936997		ug/L
	As	75	154	87	53	60.6	-0.000097	**0.0025**	ug/L
	As-1	75	7631	7379	100	1.4	-0.000607	**-0.0917**	ug/L
	Se	77	105	90	8	9.3	-0.000004	**-0.1075**	ug/L
	Se	82	-3	-3	28	884.2	-0.000000	**0.0117**	ug/L
	Sr	88	94	171	7	3.9	0.000025	**-0.0006**	ug/L
	Y	89	67	59	4	6.0	-0.000003	**0.0120**	ug/L
	Mo	98	144	58	21	35.7	-0.000027	**-0.0102**	ug/L
	Ag	107	37	26	2	5.8	-0.000003	**0.0008**	ug/L
	Ag	109	38	32	12	36.3	-0.000002	**0.0004**	ug/L
	Cd	111	24	20	5	25.6	-0.000001	**-0.0009**	ug/L
	Cd	114	20	-18	11	60.3	-0.000012	**-0.0081**	ug/L

>	In	115	3160654	3138126	122082	3.9	3138125.871620		ug/L
	Sn	120	17270	18323	505	2.8	0.000384	**0.0056**	ug/L
	Sb	121	224	80	17	20.8	-0.000045	**0.2745**	ug/L
	Cs	133	20	18	3	17.3	-0.000001	**-0.0015**	ug/L
	Ba	138	86	205	30	14.5	0.000038	**0.0034**	ug/L
	Ce	140	36	37	2	5.6	0.000001	**0.0003**	ug/L
>	Tm	169	2730830	2729290	69339	2.5	2729289.631428		ug/L
	Tl	205	25	14	7	51.5	-0.000004	**-0.0019**	ug/L
	Pb	208	143	135	11	8.2	-0.000003	**-0.0017**	ug/L
	Bi	209	261	43	18	42.5	-0.000080	**-0.0092**	ug/L
	Th	232	199	42	5	11.9	-0.000057	**-0.0074**	ug/L
	U	238	16	14	3	24.7	-0.000001	**-0.0002**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	102.335
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	102.507
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.287
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	99.944
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-244I

Sample Description:

Batch ID:

Sample Date/Time: Friday, September 14, 2012 17:31:39
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 114

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-244I.084
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	36	4	11.3	-0.000005	**-0.0030**	ug/L
	Be	9	33	28	5	18.6	-0.000004	**-0.0121**	ug/L
	B	11	169	113	8	7.1	-0.000046	**-0.0597**	ug/L
	Na	23	6859	118998	421	0.4	0.087381	**17.6936**	ug/L
	Mg	24	156	153	17	10.9	-0.000004	**-0.2158**	ug/L
	Al	27	891	874	26	3.0	-0.000028	**-0.0383**	ug/L
	K	39	409328	419985	2862	0.7	0.001900	**0.4071**	ug/L
	Ca	44	69014	44013	420	1.0	-0.020584	**-75.2964**	ug/L
>	Sc	45	1256607	1282477	39171	3.1	1282476.958207		ug/L
	Ti	47	283	197	8	4.2	-0.000072	**-0.0855**	ug/L
	Ti	48	-5947	-3719	40	1.1	0.001831	**0.2146**	ug/L
	V	51	5985	3087	68	2.2	-0.002354	**-0.2227**	ug/L
	Cr	52	6084	5632	173	3.1	-0.000446	**-0.0506**	ug/L
	Cr	53	1948	1034	24	2.3	-0.000743	**-0.7586**	ug/L
	Mn	55	361	291	24	8.2	-0.000061	**-0.0074**	ug/L
	Fe	54	51442	38891	384	1.0	-0.010593	**-15.9671**	ug/L
	Fe	57	3551	3601	101	2.8	-0.000018	**-0.2677**	ug/L
	Co	59	37	39	7	18.0	0.000001	**-0.0046**	ug/L
	Ni	60	52	38	4	9.7	-0.000011	**-0.0072**	ug/L
	Ni	62	215	216	29	13.2	-0.000003	**-0.0150**	ug/L
	Cu	65	54	49	6	11.4	-0.000008	**-0.0088**	ug/L
	Cu	63	85	81	7	8.6	-0.000008	**-0.0011**	ug/L
	Zn	66	245	213	20	9.5	-0.000051	**0.0181**	ug/L
	Zn	68	228	206	3	1.3	-0.000037	**0.0241**	ug/L
>	Ge	74	709212	724155	20584	2.8	724154.879866		ug/L
	As	75	154	110	33	30.0	-0.000064	**0.0137**	ug/L
	As-1	75	7631	7365	102	1.4	-0.000583	**-0.0833**	ug/L
	Se	77	105	91	10	11.2	-0.000004	**-0.0929**	ug/L
	Se	82	-3	-1	10	1182.9	0.000000	**0.0241**	ug/L
	Sr	88	94	101	4	4.0	0.000003	**-0.0033**	ug/L
	Y	89	67	57	9	16.4	-0.000003	**0.0119**	ug/L
	Mo	98	144	53	13	24.6	-0.000029	**-0.0109**	ug/L
	Ag	107	37	32	3	9.4	-0.000001	**0.0014**	ug/L
	Ag	109	38	31	5	15.1	-0.000002	**0.0004**	ug/L
	Cd	111	24	18	3	14.7	-0.000002	**-0.0014**	ug/L
	Cd	114	20	2	18	1159.7	-0.000006	**-0.0048**	ug/L

>	In	115	3160654	3087016	109976	3.6	3087016.409891		ug/L
	Sn	120	17270	17423	886	5.1	0.000179	**-0.0520**	ug/L
	Sb	121	224	75	18	23.8	-0.000047	**0.2740**	ug/L
	Cs	133	20	20	2	10.6	-0.000000	**-0.0014**	ug/L
	Ba	138	86	167	10	5.7	0.000027	**0.0020**	ug/L
	Ce	140	36	42	11	25.7	0.000002	**0.0005**	ug/L
>	Tm	169	2730830	2706583	70451	2.6	2706582.942977		ug/L
	Tl	205	25	12	3	22.0	-0.000005	**-0.0020**	ug/L
	Pb	208	143	149	11	7.0	0.000003	**-0.0010**	ug/L
	Bi	209	261	34	9	28.1	-0.000083	**-0.0097**	ug/L
	Th	232	199	41	5	11.1	-0.000058	**-0.0074**	ug/L
	U	238	16	13	4	30.3	-0.000001	**-0.0002**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	102.059
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	102.107
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	97.670
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	99.112
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-244J

Sample Description:

Batch ID:

Sample Date/Time: Friday, September 14, 2012 17:35:34
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 115

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-244J.085
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	37	5	12.1	-0.000003	**-0.0012**	ug/L
	Be	9	33	30	6	18.2	-0.000002	**-0.0050**	ug/L
	B	11	169	100	10	9.5	-0.000055	**-0.0858**	ug/L
	Na	23	6859	11122	136	1.2	0.003317	**-1.1757**	ug/L
	Mg	24	156	187	12	6.2	0.000024	**-0.2067**	ug/L
	Al	27	891	774	22	2.9	-0.000099	**-0.0551**	ug/L
	K	39	409328	421987	2199	0.5	0.007183	**1.0187**	ug/L
	Ca	44	69014	43726	258	0.6	-0.020424	**-74.6732**	ug/L
>	Sc	45	1256607	1267661	14044	1.1	1267661.338315		ug/L
	Ti	47	283	199	18	9.1	-0.000068	**-0.0806**	ug/L
	Ti	48	-5947	-3689	16	0.4	0.001822	**0.2134**	ug/L
	V	51	5985	3069	58	1.9	-0.002341	**-0.2213**	ug/L
	Cr	52	6084	5565	158	2.8	-0.000450	**-0.0511**	ug/L
	Cr	53	1948	1028	28	2.7	-0.000739	**-0.7538**	ug/L
	Mn	55	361	294	13	4.3	-0.000055	**-0.0069**	ug/L
	Fe	54	51442	38955	874	2.2	-0.010201	**-15.2996**	ug/L
	Fe	57	3551	3552	26	0.7	-0.000024	**-0.2960**	ug/L
	Co	59	37	46	5	10.9	0.000007	**-0.0039**	ug/L
	Ni	60	52	43	12	26.8	-0.000007	**-0.0050**	ug/L
	Ni	62	215	216	6	3.0	-0.000000	**-0.0063**	ug/L
	Cu	65	54	42	2	4.8	-0.000017	**-0.0111**	ug/L
	Cu	63	85	62	10	15.8	-0.000034	**-0.0044**	ug/L
	Zn	66	245	189	11	5.6	-0.000081	**0.0033**	ug/L
	Zn	68	228	164	6	3.7	-0.000093	**-0.0125**	ug/L
>	Ge	74	709212	714773	4860	0.7	714773.387581		ug/L
	As	75	154	152	55	36.2	-0.000004	**0.0338**	ug/L
	As-1	75	7631	7519	12	0.2	-0.000239	**0.0380**	ug/L
	Se	77	105	80	3	4.0	-0.000008	**-0.1786**	ug/L
	Se	82	-3	-1	32	6155.3	0.000000	**0.0244**	ug/L
	Sr	88	94	109	6	5.6	0.000005	**-0.0030**	ug/L
	Y	89	67	61	2	3.8	-0.000002	**0.0124**	ug/L
	Mo	98	144	58	12	21.4	-0.000027	**-0.0101**	ug/L
	Ag	107	37	26	2	7.7	-0.000003	**0.0008**	ug/L
	Ag	109	38	28	7	23.4	-0.000003	**0.0001**	ug/L
	Cd	111	24	22	3	11.6	-0.000001	**-0.0001**	ug/L
	Cd	114	20	22	23	108.1	0.000001	**-0.0016**	ug/L

>	In	115	3160654	3117415	72795	2.3	3117414.687081		ug/L
	Sn	120	17270	17590	336	1.9	0.000179	**-0.0522**	ug/L
	Sb	121	224	68	13	19.2	-0.000049	**0.2729**	ug/L
	Cs	133	20	13	1	9.1	-0.000002	**-0.0016**	ug/L
	Ba	138	86	141	3	2.3	0.000018	**0.0009**	ug/L
	Ce	140	36	31	9	29.6	-0.000001	**0.0001**	ug/L
>	Tm	169	2730830	2712692	31146	1.1	2712692.132300		ug/L
	Tl	205	25	14	3	21.1	-0.000004	**-0.0019**	ug/L
	Pb	208	143	150	16	10.8	0.000003	**-0.0010**	ug/L
	Bi	209	261	46	12	25.9	-0.000079	**-0.0090**	ug/L
	Th	232	199	42	5	10.8	-0.000058	**-0.0074**	ug/L
	U	238	16	14	2	15.2	-0.000001	**-0.0002**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	100.880
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	100.784
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.632
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	99.336
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-244K

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 17:39:28
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 116

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-244K.086
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	37	7	19.5	-0.000004	**-0.0020**	ug/L
	Be	9	33	22	1	5.2	-0.000009	**-0.0267**	ug/L
	B	11	169	107	10	9.8	-0.000052	**-0.0759**	ug/L
	Na	23	6859	9658	57	0.6	0.002030	**-1.4644**	ug/L
	Mg	24	156	220	9	4.2	0.000047	**-0.1992**	ug/L
	Al	27	891	1018	8	0.7	0.000080	**-0.0129**	ug/L
	K	39	409328	422899	2636	0.6	0.002195	**0.4412**	ug/L
	Ca	44	69014	43661	454	1.0	-0.021063	**-77.1585**	ug/L
>	Sc	45	1256607	1289747	15045	1.2	1289746.726545		ug/L
	Ti	47	283	209	14	6.5	-0.000063	**-0.0737**	ug/L
	Ti	48	-5947	-3685	38	1.0	0.001875	**0.2198**	ug/L
	V	51	5985	2982	31	1.0	-0.002450	**-0.2328**	ug/L
	Cr	52	6084	5591	100	1.8	-0.000506	**-0.0582**	ug/L
	Cr	53	1948	1024	44	4.3	-0.000756	**-0.7723**	ug/L
	Mn	55	361	289	18	6.1	-0.000063	**-0.0076**	ug/L
	Fe	54	51442	38952	548	1.4	-0.010733	**-16.2051**	ug/L
	Fe	57	3551	3621	120	3.3	-0.000018	**-0.2696**	ug/L
	Co	59	37	37	5	13.5	-0.000001	**-0.0048**	ug/L
	Ni	60	52	55	8	14.0	0.000001	**-0.0006**	ug/L
	Ni	62	215	212	7	3.1	-0.000006	**-0.0276**	ug/L
	Cu	65	54	190	3	1.6	0.000184	**0.0415**	ug/L
	Cu	63	85	333	8	2.4	0.000334	**0.0433**	ug/L
	Zn	66	245	625	12	1.9	0.000508	**0.2932**	ug/L
	Zn	68	228	502	6	1.2	0.000363	**0.2874**	ug/L
>	Ge	74	709212	733221	15084	2.1	733220.747291		ug/L
	As	75	154	128	48	37.8	-0.000043	**0.0206**	ug/L
	As-1	75	7631	7402	78	1.1	-0.000662	**-0.1111**	ug/L
	Se	77	105	91	4	4.8	-0.000004	**-0.1088**	ug/L
	Se	82	-3	1	24	1622.6	0.000001	**0.0343**	ug/L
	Sr	88	94	114	2	1.8	0.000006	**-0.0028**	ug/L
	Y	89	67	64	4	6.3	-0.000001	**0.0127**	ug/L
	Mo	98	144	46	27	57.2	-0.000031	**-0.0121**	ug/L
	Ag	107	37	30	8	24.7	-0.000002	**0.0011**	ug/L
	Ag	109	38	28	2	5.5	-0.000003	**0.0000**	ug/L
	Cd	111	24	14	5	33.0	-0.000003	**-0.0032**	ug/L
	Cd	114	20	27	6	22.9	0.000002	**-0.0008**	ug/L

>	In	115	3160654	3160564	97541	3.1	3160563.671742		ug/L
	Sn	120	17270	17580	425	2.4	0.000099	**-0.0746**	ug/L
	Sb	121	224	79	15	18.9	-0.000046	**0.2742**	ug/L
	Cs	133	20	16	1	3.7	-0.000001	**-0.0015**	ug/L
	Ba	138	86	107	14	12.7	0.000007	**-0.0005**	ug/L
	Ce	140	36	35	7	19.9	-0.000000	**0.0002**	ug/L
>	Tm	169	2730830	2735298	22040	0.8	2735298.365141		ug/L
	Tl	205	25	13	6	43.9	-0.000004	**-0.0019**	ug/L
	Pb	208	143	141	5	3.8	-0.000001	**-0.0014**	ug/L
	Bi	209	261	36	6	15.2	-0.000082	**-0.0095**	ug/L
	Th	232	199	34	13	38.9	-0.000060	**-0.0080**	ug/L
	U	238	16	13	5	40.7	-0.000001	**-0.0003**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	102.637
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	103.385
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.997
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	100.164
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-244L

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 17:43:22
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 117

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-244L.087
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	35	1	1.7	-0.000006	**-0.0038**	ug/L
	Be	9	33	23	4	17.3	-0.000008	**-0.0235**	ug/L
	B	11	169	135	10	7.1	-0.000029	**-0.0117**	ug/L
	Na	23	6859	15416	165	1.1	0.006627	**-0.4327**	ug/L
	Mg	24	156	192	9	4.5	0.000027	**-0.2057**	ug/L
	Al	27	891	822	14	1.7	-0.000065	**-0.0471**	ug/L
	K	39	409328	421843	2613	0.6	0.004970	**0.7626**	ug/L
	Ca	44	69014	43240	185	0.4	-0.021022	**-77.0007**	ug/L
>	Sc	45	1256607	1275598	5430	0.4	1275598.195998		ug/L
	Ti	47	283	181	10	5.8	-0.000083	**-0.1015**	ug/L
	Ti	48	-5947	-3241	737	22.7	0.002190	**0.2578**	ug/L
	V	51	5985	2986	37	1.3	-0.002422	**-0.2298**	ug/L
	Cr	52	6084	5792	377	6.5	-0.000302	**-0.0321**	ug/L
	Cr	53	1948	997	73	7.3	-0.000769	**-0.7859**	ug/L
	Mn	55	361	307	9	2.8	-0.000046	**-0.0061**	ug/L
	Fe	54	51442	38474	602	1.6	-0.010776	**-16.2782**	ug/L
	Fe	57	3551	3743	15	0.4	0.000108	**0.2983**	ug/L
	Co	59	37	41	3	6.2	0.000002	**-0.0044**	ug/L
	Ni	60	52	42	4	10.6	-0.000009	**-0.0058**	ug/L
	Ni	62	215	221	19	8.6	0.000002	**0.0026**	ug/L
	Cu	65	54	61	6	9.7	0.000008	**-0.0045**	ug/L
	Cu	63	85	106	7	6.4	0.000027	**0.0035**	ug/L
	Zn	66	245	463	5	1.1	0.000297	**0.1890**	ug/L
	Zn	68	228	379	9	2.2	0.000204	**0.1828**	ug/L
>	Ge	74	709212	721624	9387	1.3	721624.157291		ug/L
	As	75	154	120	31	25.4	-0.000050	**0.0183**	ug/L
	As-1	75	7631	7402	241	3.3	-0.000499	**-0.0537**	ug/L
	Se	77	105	90	5	5.2	-0.000004	**-0.1085**	ug/L
	Se	82	-3	5	10	207.8	0.000002	**0.0526**	ug/L
	Sr	88	94	115	5	4.4	0.000007	**-0.0027**	ug/L
	Y	89	67	61	10	15.5	-0.000002	**0.0125**	ug/L
	Mo	98	144	47	16	33.4	-0.000031	**-0.0118**	ug/L
	Ag	107	37	32	8	25.5	-0.000002	**0.0013**	ug/L
	Ag	109	38	25	4	16.4	-0.000004	**-0.0002**	ug/L
	Cd	111	24	21	6	29.0	-0.000001	**-0.0004**	ug/L
	Cd	114	20	-1	15	1862.4	-0.000007	**-0.0053**	ug/L

>	In	115	3160654	3111000	44057	1.4	3111000.371710		ug/L
	Sn	120	17270	17763	240	1.4	0.000246	**-0.0332**	ug/L
	Sb	121	224	64	12	18.8	-0.000050	**0.2725**	ug/L
	Cs	133	20	12	2	17.8	-0.000003	**-0.0017**	ug/L
	Ba	138	86	120	22	18.6	0.000011	**0.0000**	ug/L
	Ce	140	36	29	7	24.5	-0.000002	**0.0000**	ug/L
>	Tm	169	2730830	2732322	49606	1.8	2732321.902621		ug/L
	Tl	205	25	9	2	22.3	-0.000006	**-0.0021**	ug/L
	Pb	208	143	136	13	9.8	-0.000002	**-0.0016**	ug/L
	Bi	209	261	43	12	29.0	-0.000080	**-0.0092**	ug/L
	Th	232	199	35	12	33.0	-0.000060	**-0.0079**	ug/L
	U	238	16	17	4	21.2	0.000000	**-0.0001**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	101.511
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	101.750
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.429
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	100.055
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-244M

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 17:47:16
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 118

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-244M.088
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	35	1	1.6	-0.000006	**-0.0037**	ug/L
	Be	9	33	26	4	16.8	-0.000006	**-0.0177**	ug/L
	B	11	169	111	12	10.7	-0.000049	**-0.0674**	ug/L
	Na	23	6859	7614	161	2.1	0.000409	**-1.8283**	ug/L
	Mg	24	156	165	7	4.0	0.000003	**-0.2134**	ug/L
	Al	27	891	906	34	3.7	-0.000010	**-0.0342**	ug/L
	K	39	409328	423294	4509	1.1	0.000515	**0.2467**	ug/L
	Ca	44	69014	43204	652	1.5	-0.021609	**-79.2816**	ug/L
>	Sc	45	1256607	1297853	35222	2.7	1297852.950733		ug/L
	Ti	47	283	201	27	13.4	-0.000070	**-0.0834**	ug/L
	Ti	48	-5947	-3633	63	1.7	0.001931	**0.2266**	ug/L
	V	51	5985	2986	47	1.6	-0.002460	**-0.2339**	ug/L
	Cr	52	6084	5771	104	1.8	-0.000393	**-0.0437**	ug/L
	Cr	53	1948	985	33	3.4	-0.000790	**-0.8089**	ug/L
	Mn	55	361	290	11	3.8	-0.000064	**-0.0077**	ug/L
	Fe	54	51442	39201	1148	2.9	-0.010720	**-16.1830**	ug/L
	Fe	57	3551	3709	112	3.0	0.000033	**-0.0403**	ug/L
	Co	59	37	32	5	14.2	-0.000005	**-0.0053**	ug/L
	Ni	60	52	35	5	14.2	-0.000014	**-0.0086**	ug/L
	Ni	62	215	225	7	3.0	0.000003	**0.0043**	ug/L
	Cu	65	54	51	3	6.0	-0.000005	**-0.0081**	ug/L
	Cu	63	85	94	5	5.5	0.000008	**0.0011**	ug/L
	Zn	66	245	280	8	2.9	0.000038	**0.0619**	ug/L
	Zn	68	228	236	13	5.5	0.000001	**0.0494**	ug/L
>	Ge	74	709212	729493	6463	0.9	729493.164017		ug/L
	As	75	154	100	31	30.7	-0.000079	**0.0086**	ug/L
	As-1	75	7631	7381	51	0.7	-0.000641	**-0.1038**	ug/L
	Se	77	105	88	14	15.4	-0.000005	**-0.1146**	ug/L
	Se	82	-3	-5	15	282.2	-0.000001	**0.0051**	ug/L
	Sr	88	94	115	20	17.5	0.000007	**-0.0027**	ug/L
	Y	89	67	60	1	1.0	-0.000002	**0.0123**	ug/L
	Mo	98	144	45	20	43.5	-0.000031	**-0.0121**	ug/L
	Ag	107	37	24	9	38.2	-0.000004	**0.0006**	ug/L
	Ag	109	38	28	6	20.7	-0.000003	**0.0001**	ug/L
	Cd	111	24	16	5	30.2	-0.000003	**-0.0024**	ug/L
	Cd	114	20	-5	25	538.6	-0.000008	**-0.0060**	ug/L

>	In	115	3160654	3082706	99456	3.2	3082706.022772		ug/L
	Sn	120	17270	18046	344	1.9	0.000395	**0.0086**	ug/L
	Sb	121	224	64	25	38.5	-0.000050	**0.2725**	ug/L
	Cs	133	20	15	6	37.6	-0.000002	**-0.0016**	ug/L
	Ba	138	86	136	3	2.1	0.000017	**0.0008**	ug/L
	Ce	140	36	32	4	11.7	-0.000001	**0.0002**	ug/L
>	Tm	169	2730830	2722857	14638	0.5	2722856.751806		ug/L
	Tl	205	25	18	4	20.0	-0.000003	**-0.0016**	ug/L
	Pb	208	143	150	6	4.1	0.000003	**-0.0010**	ug/L
	Bi	209	261	34	8	22.5	-0.000083	**-0.0097**	ug/L
	Th	232	199	32	3	9.9	-0.000061	**-0.0081**	ug/L
	U	238	16	14	3	17.6	-0.000000	**-0.0002**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	103.282
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	102.860
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	97.534
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	99.708
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-244N
Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 17:51:10
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 119

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-244N.089
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	35	10	26.9	-0.000005	**-0.0035**	ug/L
	Be	9	33	30	9	30.0	-0.000003	**-0.0066**	ug/L
	B	11	169	105	10	9.2	-0.000053	**-0.0787**	ug/L
	Na	23	6859	136441	604	0.4	0.100703	**20.6838**	ug/L
	Mg	24	156	125	10	7.6	-0.000027	**-0.2233**	ug/L
	Al	27	891	720	14	2.0	-0.000149	**-0.0669**	ug/L
	K	39	409328	425577	585	0.1	0.005376	**0.8095**	ug/L
	Ca	44	69014	42920	607	1.4	-0.021523	**-78.9480**	ug/L
>	Sc	45	1256607	1285456	19250	1.5	1285456.162566		ug/L
	Ti	47	283	181	13	7.2	-0.000084	**-0.1030**	ug/L
	Ti	48	-5947	-3609	65	1.8	0.001924	**0.2257**	ug/L
	V	51	5985	2872	51	1.8	-0.002528	**-0.2409**	ug/L
	Cr	52	6084	5724	88	1.5	-0.000388	**-0.0431**	ug/L
	Cr	53	1948	985	37	3.7	-0.000783	**-0.8019**	ug/L
	Mn	55	361	285	2	0.7	-0.000066	**-0.0078**	ug/L
	Fe	54	51442	39294	1310	3.3	-0.010354	**-15.5593**	ug/L
	Fe	57	3551	3804	126	3.3	0.000133	**0.4095**	ug/L
	Co	59	37	37	10	26.9	-0.000001	**-0.0048**	ug/L
	Ni	60	52	39	2	5.1	-0.000011	**-0.0071**	ug/L
	Ni	62	215	233	11	4.9	0.000010	**0.0311**	ug/L
	Cu	65	54	39	7	16.8	-0.000022	**-0.0123**	ug/L
	Cu	63	85	72	7	9.3	-0.000021	**-0.0027**	ug/L
	Zn	66	245	181	13	7.0	-0.000094	**-0.0032**	ug/L
	Zn	68	228	167	12	7.0	-0.000091	**-0.0114**	ug/L
>	Ge	74	709212	722273	10415	1.4	722273.360991		ug/L
	As	75	154	77	21	27.4	-0.000109	**-0.0015**	ug/L
	As-1	75	7631	7337	84	1.2	-0.000601	**-0.0895**	ug/L
	Se	77	105	87	10	11.0	-0.000006	**-0.1374**	ug/L
	Se	82	-3	-17	6	33.5	-0.000005	**-0.0526**	ug/L
	Sr	88	94	85	12	14.1	-0.000003	**-0.0040**	ug/L
	Y	89	67	62	7	11.3	-0.000002	**0.0124**	ug/L
	Mo	98	144	49	20	41.5	-0.000030	**-0.0117**	ug/L
	Ag	107	37	32	5	14.6	-0.000002	**0.0012**	ug/L
	Ag	109	38	27	5	18.0	-0.000003	**-0.0000**	ug/L
	Cd	111	24	17	2	8.8	-0.000002	**-0.0019**	ug/L
	Cd	114	20	10	6	60.7	-0.000003	**-0.0035**	ug/L

>	In	115	3160654	3169344	55374	1.7	3169344.393742		ug/L
	Sn	120	17270	18016	1099	6.1	0.000218	**-0.0411**	ug/L
	Sb	121	224	72	21	29.5	-0.000048	**0.2733**	ug/L
	Cs	133	20	17	3	17.6	-0.000001	**-0.0015**	ug/L
	Ba	138	86	127	3	2.1	0.000013	**0.0003**	ug/L
	Ce	140	36	34	2	6.2	-0.000001	**0.0002**	ug/L
>	Tm	169	2730830	2760368	61797	2.2	2760367.620718		ug/L
	Tl	205	25	12	4	34.6	-0.000005	**-0.0020**	ug/L
	Pb	208	143	148	8	5.5	0.000001	**-0.0012**	ug/L
	Bi	209	261	38	10	27.3	-0.000082	**-0.0095**	ug/L
	Th	232	199	27	11	41.5	-0.000063	**-0.0085**	ug/L
	U	238	16	14	4	31.1	-0.000001	**-0.0002**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	102.296
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	101.842
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	100.275
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	101.082
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-244O

Sample Description:

Batch ID:

Sample Date/Time: Friday, September 14, 2012 17:55:04
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 120

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-244O.090
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	31	5	15.4	-0.000009	**-0.0081**	ug/L
	Be	9	33	26	7	25.9	-0.000006	**-0.0192**	ug/L
	B	11	169	115	12	10.5	-0.000047	**-0.0612**	ug/L
	Na	23	6859	5844	178	3.0	-0.000982	**-2.1407**	ug/L
	Mg	24	156	133	17	12.9	-0.000022	**-0.2218**	ug/L
	Al	27	891	759	24	3.1	-0.000128	**-0.0619**	ug/L
	K	39	409328	427002	2036	0.5	0.001298	**0.3373**	ug/L
	Ca	44	69014	42733	234	0.5	-0.022191	**-81.5455**	ug/L
>	Sc	45	1256607	1305989	24927	1.9	1305988.658007		ug/L
	Ti	47	283	201	7	3.5	-0.000071	**-0.0851**	ug/L
	Ti	48	-5947	-3615	25	0.7	0.001964	**0.2305**	ug/L
	V	51	5985	2939	9	0.3	-0.002512	**-0.2393**	ug/L
	Cr	52	6084	5820	144	2.5	-0.000383	**-0.0425**	ug/L
	Cr	53	1948	934	37	3.9	-0.000834	**-0.8571**	ug/L
	Mn	55	361	299	23	7.7	-0.000058	**-0.0072**	ug/L
	Fe	54	51442	39070	677	1.7	-0.011007	**-16.6711**	ug/L
	Fe	57	3551	3794	118	3.1	0.000080	**0.1713**	ug/L
	Co	59	37	36	3	9.0	-0.000002	**-0.0050**	ug/L
	Ni	60	52	45	1	2.6	-0.000007	**-0.0048**	ug/L
	Ni	62	215	246	10	3.9	0.000018	**0.0568**	ug/L
	Cu	65	54	34	6	18.4	-0.000030	**-0.0144**	ug/L
	Cu	63	85	65	3	4.6	-0.000033	**-0.0042**	ug/L
	Zn	66	245	270	28	10.4	0.000020	**0.0527**	ug/L
	Zn	68	228	234	11	4.5	-0.000006	**0.0448**	ug/L
>	Ge	74	709212	740909	16509	2.2	740909.038742		ug/L
	As	75	154	129	52	40.3	-0.000042	**0.0211**	ug/L
	As-1	75	7631	7410	58	0.8	-0.000754	**-0.1435**	ug/L
	Se	77	105	84	7	7.9	-0.000006	**-0.1533**	ug/L
	Se	82	-3	1	23	4515.6	0.000001	**0.0326**	ug/L
	Sr	88	94	96	5	4.7	0.000000	**-0.0035**	ug/L
	Y	89	67	60	2	2.9	-0.000002	**0.0122**	ug/L
	Mo	98	144	46	13	28.8	-0.000031	**-0.0122**	ug/L
	Ag	107	37	23	6	24.2	-0.000005	**0.0005**	ug/L
	Ag	109	38	28	7	24.0	-0.000003	**0.0001**	ug/L
	Cd	111	24	23	5	21.7	-0.000000	**0.0003**	ug/L
	Cd	114	20	-11	14	133.5	-0.000010	**-0.0069**	ug/L

>	In	115	3160654	3159247	74373	2.4	3159247.178626		ug/L
	Sn	120	17270	17671	291	1.6	0.000132	**-0.0653**	ug/L
	Sb	121	224	67	7	9.7	-0.000050	**0.2728**	ug/L
	Cs	133	20	13	3	20.4	-0.000002	**-0.0016**	ug/L
	Ba	138	86	102	5	5.2	0.000005	**-0.0007**	ug/L
	Ce	140	36	34	10	28.0	-0.000000	**0.0002**	ug/L
>	Tm	169	2730830	2801145	31967	1.1	2801145.157246		ug/L
	Tl	205	25	17	4	21.8	-0.000003	**-0.0017**	ug/L
	Pb	208	143	138	11	8.0	-0.000003	**-0.0017**	ug/L
	Bi	209	261	32	10	29.7	-0.000084	**-0.0098**	ug/L
	Th	232	199	37	4	11.0	-0.000060	**-0.0078**	ug/L
	U	238	16	15	1	7.5	-0.000000	**-0.0002**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	103.930
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	104.469
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.955
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	102.575
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-244P

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 17:58:57
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 121

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-244P.091
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	33	8	23.2	-0.000008	**-0.0061**	ug/L
	Be	9	33	29	6	19.8	-0.000004	**-0.0113**	ug/L
	B	11	169	161	11	7.0	-0.000011	**0.0392**	ug/L
	Na	23	6859	149764	1549	1.0	0.109276	**22.6082**	ug/L
	Mg	24	156	384	26	6.8	0.000170	**-0.1585**	ug/L
	Al	27	891	1405	64	4.5	0.000367	**0.0547**	ug/L
	K	39	409328	432962	1493	0.3	0.005957	**0.8768**	ug/L
	Ca	44	69014	43188	341	0.8	-0.021832	**-80.1500**	ug/L
>	Sc	45	1256607	1305758	31585	2.4	1305757.937345		ug/L
	Ti	47	283	211	37	17.4	-0.000063	**-0.0732**	ug/L
	Ti	48	-5947	-3557	43	1.2	0.002007	**0.2358**	ug/L
	V	51	5985	2856	98	3.4	-0.002574	**-0.2458**	ug/L
	Cr	52	6084	5688	151	2.7	-0.000485	**-0.0555**	ug/L
	Cr	53	1948	957	26	2.7	-0.000816	**-0.8375**	ug/L
	Mn	55	361	362	9	2.4	-0.000010	**-0.0028**	ug/L
	Fe	54	51442	40121	974	2.4	-0.010202	**-15.2997**	ug/L
	Fe	57	3551	3933	136	3.5	0.000186	**0.6460**	ug/L
	Co	59	37	40	10	24.9	0.000001	**-0.0046**	ug/L
	Ni	60	52	55	6	10.2	0.000001	**-0.0009**	ug/L
	Ni	62	215	242	32	13.2	0.000014	**0.0440**	ug/L
	Cu	65	54	443	29	6.5	0.000522	**0.1300**	ug/L
	Cu	63	85	891	7	0.8	0.001083	**0.1403**	ug/L
	Zn	66	245	842	26	3.0	0.000792	**0.4327**	ug/L
	Zn	68	228	681	26	3.8	0.000597	**0.4417**	ug/L
>	Ge	74	709212	740534	3260	0.4	740533.509229		ug/L
	As	75	154	115	56	48.5	-0.000061	**0.0147**	ug/L
	As-1	75	7631	7458	96	1.3	-0.000688	**-0.1202**	ug/L
	Se	77	105	88	11	12.6	-0.000005	**-0.1234**	ug/L
	Se	82	-3	5	9	167.8	0.000002	**0.0542**	ug/L
	Sr	88	94	281	10	3.6	0.000060	**0.0037**	ug/L
	Y	89	67	65	2	2.4	-0.000001	**0.0130**	ug/L
	Mo	98	144	45	16	35.6	-0.000031	**-0.0123**	ug/L
	Ag	107	37	29	3	9.1	-0.000003	**0.0010**	ug/L
	Ag	109	38	27	4	13.4	-0.000003	**-0.0000**	ug/L
	Cd	111	24	15	2	13.6	-0.000003	**-0.0025**	ug/L
	Cd	114	20	30	8	26.3	0.000003	**-0.0002**	ug/L

>	In	115	3160654	3124272	77796	2.5	3124271.934714		ug/L
	Sn	120	17270	17272	770	4.5	0.000063	**-0.0848**	ug/L
	Sb	121	224	77	17	21.5	-0.000046	**0.2740**	ug/L
	Cs	133	20	14	4	29.6	-0.000002	**-0.0016**	ug/L
	Ba	138	86	2097	7	0.4	0.000644	**0.0789**	ug/L
	Ce	140	36	34	6	17.9	-0.000000	**0.0002**	ug/L
>	Tm	169	2730830	2775990	19089	0.7	2775990.328371		ug/L
	Tl	205	25	14	1	4.0	-0.000004	**-0.0019**	ug/L
	Pb	208	143	223	11	4.9	0.000028	**0.0018**	ug/L
	Bi	209	261	37	6	15.0	-0.000082	**-0.0096**	ug/L
	Th	232	199	29	10	36.0	-0.000062	**-0.0083**	ug/L
	U	238	16	17	3	15.1	0.000000	**-0.0001**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	103.911
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	104.416
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.849
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	101.654
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-235DIW

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 18:14:35
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 122

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-235DIW.092
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	34	9	27.6	-0.000006	**-0.0043**	ug/L
	Be	9	33	25	9	33.6	-0.000006	**-0.0173**	ug/L
	B	11	169	114	11	9.4	-0.000044	**-0.0545**	ug/L
	Na	23	6859	5657	138	2.4	-0.000963	**-2.1364**	ug/L
	Mg	24	156	394	19	4.8	0.000189	**-0.1522**	ug/L
	Al	27	891	894	10	1.1	0.000001	**-0.0316**	ug/L
	K	39	409328	416599	479	0.1	0.005290	**0.7995**	ug/L
	Ca	44	69014	45706	1105	2.4	-0.018599	**-67.5717**	ug/L
>	Sc	45	1256607	1258554	11586	0.9	1258554.288285		ug/L
	Ti	47	283	218	7	3.1	-0.000052	**-0.0583**	ug/L
	Ti	48	-5947	-3872	119	3.1	0.001655	**0.1933**	ug/L
	V	51	5985	3168	150	4.7	-0.002245	**-0.2111**	ug/L
	Cr	52	6084	5595	359	6.4	-0.000397	**-0.0442**	ug/L
	Cr	53	1948	1040	52	5.0	-0.000724	**-0.7373**	ug/L
	Mn	55	361	309	14	4.5	-0.000041	**-0.0057**	ug/L
	Fe	54	51442	38824	178	0.5	-0.010088	**-15.1059**	ug/L
	Fe	57	3551	3713	13	0.3	0.000124	**0.3696**	ug/L
	Co	59	37	35	7	18.8	-0.000002	**-0.0049**	ug/L
	Ni	60	52	43	6	14.7	-0.000007	**-0.0049**	ug/L
	Ni	62	215	221	7	3.1	0.000005	**0.0119**	ug/L
	Cu	65	54	37	6	16.9	-0.000025	**-0.0131**	ug/L
	Cu	63	85	70	3	4.3	-0.000023	**-0.0030**	ug/L
	Zn	66	245	185	14	7.5	-0.000090	**-0.0014**	ug/L
	Zn	68	228	165	11	6.5	-0.000095	**-0.0139**	ug/L
>	Ge	74	709212	725987	14226	2.0	725986.929586		ug/L
	As	75	154	97	44	45.7	-0.000083	**0.0075**	ug/L
	As-1	75	7631	7284	136	1.9	-0.000721	**-0.1320**	ug/L
	Se	77	105	92	8	8.7	-0.000003	**-0.0884**	ug/L
	Se	82	-3	1	5	370.8	0.000001	**0.0351**	ug/L
	Sr	88	94	90	13	14.1	-0.000001	**-0.0037**	ug/L
	Y	89	67	55	6	10.9	-0.000003	**0.0117**	ug/L
	Mo	98	144	81	41	50.1	-0.000020	**-0.0063**	ug/L
	Ag	107	37	33	11	32.4	-0.000001	**0.0014**	ug/L
	Ag	109	38	35	1	2.9	-0.000001	**0.0008**	ug/L
	Cd	111	24	19	6	29.3	-0.000001	**-0.0010**	ug/L
	Cd	114	20	3	9	264.1	-0.000005	**-0.0046**	ug/L

>	In	115	3160654	3097151	91226	2.9	3097150.536029		ug/L
	Sn	120	17270	17655	586	3.3	0.000236	**-0.0361**	ug/L
	Sb	121	224	89	23	25.8	-0.000042	**0.2756**	ug/L
	Cs	133	20	19	1	6.0	-0.000000	**-0.0014**	ug/L
	Ba	138	86	104	3	2.9	0.000007	**-0.0005**	ug/L
	Ce	140	36	27	6	23.5	-0.000002	**0.0000**	ug/L
>	Tm	169	2730830	2722797	71059	2.6	2722797.222556		ug/L
	Tl	205	25	16	5	32.1	-0.000003	**-0.0018**	ug/L
	Pb	208	143	143	11	7.3	0.000000	**-0.0013**	ug/L
	Bi	209	261	115	43	37.7	-0.000054	**-0.0055**	ug/L
	Th	232	199	67	19	27.5	-0.000048	**-0.0055**	ug/L
	U	238	16	13	4	27.7	-0.000001	**-0.0003**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	100.155
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	102.365
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	97.991
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	99.706
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-235

Sample Description:

Batch ID:

Sample Date/Time: Friday, September 14, 2012 18:18:28
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 123

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-235.093
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	33	5	15.7	-0.000008	**-0.0058**	ug/L
	Be	9	33	23	6	25.9	-0.000009	**-0.0265**	ug/L
	B	11	169	118	10	8.5	-0.000044	**-0.0531**	ug/L
	Na	23	6859	6849	239	3.5	-0.000206	**-1.9664**	ug/L
	Mg	24	156	80077	1250	1.6	0.061306	**19.9691**	ug/L
	Al	27	891	935	22	2.3	0.000008	**-0.0298**	ug/L
	K	39	409328	420986	2322	0.6	-0.002728	**-0.1288**	ug/L
	Ca	44	69014	43712	842	1.9	-0.021393	**-78.4407**	ug/L
>	Sc	45	1256607	1303800	29469	2.3	1303799.843339		ug/L
	Ti	47	283	193	8	4.0	-0.000077	**-0.0928**	ug/L
	Ti	48	-5947	-3676	76	2.1	0.001913	**0.2244**	ug/L
	V	51	5985	2969	48	1.6	-0.002485	**-0.2364**	ug/L
	Cr	52	6084	5469	171	3.1	-0.000647	**-0.0761**	ug/L
	Cr	53	1948	977	70	7.2	-0.000801	**-0.8212**	ug/L
	Mn	55	361	300	8	2.5	-0.000057	**-0.0071**	ug/L
	Fe	54	51442	38294	687	1.8	-0.011564	**-17.6194**	ug/L
	Fe	57	3551	3677	15	0.4	-0.000005	**-0.2078**	ug/L
	Co	59	37	39	5	12.8	0.000000	**-0.0047**	ug/L
	Ni	60	52	53	10	18.4	-0.000001	**-0.0017**	ug/L
	Ni	62	215	215	14	6.6	-0.000007	**-0.0278**	ug/L
	Cu	65	54	39	8	19.4	-0.000023	**-0.0127**	ug/L
	Cu	63	85	68	7	9.5	-0.000028	**-0.0036**	ug/L
	Zn	66	245	207	3	1.3	-0.000065	**0.0110**	ug/L
	Zn	68	228	186	24	12.9	-0.000071	**0.0018**	ug/L
>	Ge	74	709212	740026	18933	2.6	740026.161155		ug/L
	As	75	154	58	16	28.1	-0.000137	**-0.0108**	ug/L
	As-1	75	7631	7391	14	0.2	-0.000767	**-0.1482**	ug/L
	Se	77	105	88	5	5.7	-0.000006	**-0.1348**	ug/L
	Se	82	-3	-8	11	144.9	-0.000002	**-0.0076**	ug/L
	Sr	88	94	126	10	7.6	0.000010	**-0.0024**	ug/L
	Y	89	67	61	5	7.7	-0.000002	**0.0123**	ug/L
	Mo	98	144	62	16	26.3	-0.000026	**-0.0096**	ug/L
	Ag	107	37	23	2	9.2	-0.000005	**0.0004**	ug/L
	Ag	109	38	30	1	1.9	-0.000003	**0.0002**	ug/L
	Cd	111	24	19	8	40.2	-0.000002	**-0.0012**	ug/L
	Cd	114	20	-16	8	53.8	-0.000011	**-0.0076**	ug/L

>	In	115	3160654	3188255	56501	1.8	3188255.140655		ug/L
	Sn	120	17270	17952	236	1.3	0.000167	**-0.0555**	ug/L
	Sb	121	224	61	12	18.9	-0.000052	**0.2719**	ug/L
	Cs	133	20	17	5	29.6	-0.000001	**-0.0015**	ug/L
	Ba	138	86	274	11	4.0	0.000059	**0.0060**	ug/L
	Ce	140	36	30	3	10.8	-0.000002	**0.0000**	ug/L
>	Tm	169	2730830	2753938	59511	2.2	2753938.461674		ug/L
	Tl	205	25	16	1	6.3	-0.000003	**-0.0018**	ug/L
	Pb	208	143	136	12	8.5	-0.000003	**-0.0017**	ug/L
	Bi	209	261	36	2	4.2	-0.000082	**-0.0096**	ug/L
	Th	232	199	46	4	7.8	-0.000056	**-0.0071**	ug/L
	U	238	16	17	3	20.4	0.000000	**-0.0001**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	103.756
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	104.345
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	100.873
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	100.846
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-240DIW

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 18:22:21
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 124

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-240DIW.094
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	32	8	25.0	-0.000008	**-0.0060**	ug/L
	Be	9	33	27	2	7.6	-0.000004	**-0.0125**	ug/L
	B	11	169	110	3	2.4	-0.000047	**-0.0632**	ug/L
	Na	23	6859	12884	411	3.2	0.004753	**-0.8533**	ug/L
	Mg	24	156	242	14	5.8	0.000067	**-0.1923**	ug/L
	Al	27	891	1270	77	6.1	0.000296	**0.0378**	ug/L
	K	39	409328	422145	4805	1.1	0.008923	**1.2202**	ug/L
	Ca	44	69014	42687	656	1.5	-0.021086	**-77.2488**	ug/L
>	Sc	45	1256607	1262848	55722	4.4	1262848.469943		ug/L
	Ti	47	283	183	10	5.7	-0.000080	**-0.0973**	ug/L
	Ti	48	-5947	-3595	66	1.8	0.001883	**0.2208**	ug/L
	V	51	5985	2868	50	1.7	-0.002489	**-0.2368**	ug/L
	Cr	52	6084	5717	103	1.8	-0.000310	**-0.0331**	ug/L
	Cr	53	1948	937	16	1.7	-0.000807	**-0.8273**	ug/L
	Mn	55	361	285	14	4.8	-0.000061	**-0.0074**	ug/L
	Fe	54	51442	37677	815	2.2	-0.011073	**-16.7832**	ug/L
	Fe	57	3551	3772	41	1.1	0.000164	**0.5478**	ug/L
	Co	59	37	33	3	8.8	-0.000004	**-0.0051**	ug/L
	Ni	60	52	45	7	16.6	-0.000006	**-0.0042**	ug/L
	Ni	62	215	216	6	3.0	0.000001	**-0.0028**	ug/L
	Cu	65	54	38	4	9.5	-0.000024	**-0.0129**	ug/L
	Cu	63	85	70	3	4.6	-0.000025	**-0.0032**	ug/L
	Zn	66	245	575	32	5.5	0.000444	**0.2616**	ug/L
	Zn	68	228	455	17	3.6	0.000303	**0.2477**	ug/L
>	Ge	74	709212	729719	27034	3.7	729718.733292		ug/L
	As	75	154	119	79	66.5	-0.000054	**0.0169**	ug/L
	As-1	75	7631	7384	126	1.7	-0.000634	**-0.1012**	ug/L
	Se	77	105	85	15	17.8	-0.000005	**-0.1298**	ug/L
	Se	82	-3	2	11	524.1	0.000001	**0.0391**	ug/L
	Sr	88	94	98	8	8.6	0.000002	**-0.0034**	ug/L
	Y	89	67	70	10	14.9	0.000001	**0.0139**	ug/L
	Mo	98	144	43	11	26.2	-0.000032	**-0.0124**	ug/L
	Ag	107	37	29	3	10.1	-0.000002	**0.0011**	ug/L
	Ag	109	38	27	9	31.6	-0.000003	**-0.0000**	ug/L
	Cd	111	24	21	2	9.8	-0.000001	**-0.0001**	ug/L
	Cd	114	20	-4	31	783.3	-0.000007	**-0.0057**	ug/L

>	In	115	3160654	3079868	95719	3.1	3079867.975307		ug/L
	Sn	120	17270	16994	546	3.2	0.000054	**-0.0874**	ug/L
	Sb	121	224	63	16	25.1	-0.000050	**0.2725**	ug/L
	Cs	133	20	19	4	21.5	-0.000000	**-0.0014**	ug/L
	Ba	138	86	164	13	7.7	0.000026	**0.0019**	ug/L
	Ce	140	36	27	6	21.4	-0.000002	**0.0000**	ug/L
>	Tm	169	2730830	2687660	156780	5.8	2687660.082504		ug/L
	Tl	205	25	11	2	21.7	-0.000005	**-0.0020**	ug/L
	Pb	208	143	146	10	6.5	0.000002	**-0.0011**	ug/L
	Bi	209	261	34	6	17.4	-0.000083	**-0.0096**	ug/L
	Th	232	199	36	10	27.4	-0.000059	**-0.0077**	ug/L
	U	238	16	13	3	22.9	-0.000001	**-0.0002**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	100.497
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	102.891
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	97.444
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	98.419
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-240

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 18:26:16
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 125

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-240.095
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	34	12	33.9	-0.000007	**-0.0050**	ug/L
	Be	9	33	28	3	9.1	-0.000005	**-0.0135**	ug/L
	B	11	169	111	13	12.0	-0.000049	**-0.0669**	ug/L
	Na	23	6859	10553	421	4.0	0.002677	**-1.3193**	ug/L
	Mg	24	156	1998	81	4.1	0.001416	**0.2518**	ug/L
	Al	27	891	1005	14	1.4	0.000066	**-0.0163**	ug/L
	K	39	409328	423896	3209	0.8	0.001070	**0.3110**	ug/L
	Ca	44	69014	44105	537	1.2	-0.020916	**-76.5873**	ug/L
>	Sc	45	1256607	1297253	23235	1.8	1297252.675407		ug/L
	Ti	47	283	187	9	4.8	-0.000080	**-0.0978**	ug/L
	Ti	48	-5947	-3569	56	1.6	0.001981	**0.2326**	ug/L
	V	51	5985	2807	69	2.4	-0.002599	**-0.2484**	ug/L
	Cr	52	6084	5643	218	3.9	-0.000492	**-0.0564**	ug/L
	Cr	53	1948	923	23	2.5	-0.000838	**-0.8610**	ug/L
	Mn	55	361	496	12	2.3	0.000095	**0.0067**	ug/L
	Fe	54	51442	39688	599	1.5	-0.010340	**-15.5354**	ug/L
	Fe	57	3551	3739	100	2.7	0.000057	**0.0696**	ug/L
	Co	59	37	36	2	5.6	-0.000002	**-0.0049**	ug/L
	Ni	60	52	50	9	17.2	-0.000003	**-0.0027**	ug/L
	Ni	62	215	232	7	3.1	0.000008	**0.0236**	ug/L
	Cu	65	54	58	12	20.0	0.000003	**-0.0058**	ug/L
	Cu	63	85	91	7	7.3	0.000004	**0.0005**	ug/L
	Zn	66	245	2356	54	2.3	0.002873	**1.4572**	ug/L
	Zn	68	228	1780	19	1.1	0.002111	**1.4376**	ug/L
>	Ge	74	709212	732004	11689	1.6	732003.869929		ug/L
	As	75	154	83	58	70.2	-0.000104	**0.0004**	ug/L
	As-1	75	7631	7351	21	0.3	-0.000715	**-0.1298**	ug/L
	Se	77	105	92	8	8.2	-0.000004	**-0.0916**	ug/L
	Se	82	-3	-3	21	659.6	-0.000000	**0.0148**	ug/L
	Sr	88	94	1112	39	3.5	0.000329	**0.0365**	ug/L
	Y	89	67	64	24	36.7	-0.000001	**0.0130**	ug/L
	Mo	98	144	44	15	33.6	-0.000032	**-0.0123**	ug/L
	Ag	107	37	25	4	16.0	-0.000004	**0.0007**	ug/L
	Ag	109	38	32	8	24.8	-0.000002	**0.0005**	ug/L
	Cd	111	24	17	2	8.8	-0.000002	**-0.0017**	ug/L
	Cd	114	20	39	19	49.2	0.000006	**0.0011**	ug/L

>	In	115	3160654	3098209	48854	1.6	3098208.651992		ug/L
	Sn	120	17270	17034	350	2.1	0.000034	**-0.0930**	ug/L
	Sb	121	224	64	17	27.2	-0.000050	**0.2725**	ug/L
	Cs	133	20	22	5	20.2	0.000001	**-0.0013**	ug/L
	Ba	138	86	12547	49	0.4	0.004023	**0.4996**	ug/L
	Ce	140	36	37	10	27.4	0.000001	**0.0003**	ug/L
>	Tm	169	2730830	2772672	38843	1.4	2772671.572661		ug/L
	Tl	205	25	15	7	49.3	-0.000004	**-0.0018**	ug/L
	Pb	208	143	155	8	4.9	0.000003	**-0.0009**	ug/L
	Bi	209	261	36	10	26.4	-0.000082	**-0.0096**	ug/L
	Th	232	199	36	7	19.9	-0.000060	**-0.0079**	ug/L
	U	238	16	16	5	32.1	-0.000000	**-0.0002**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	103.235
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	103.214
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.024
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	101.532
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-248DIW

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 18:30:10
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 126

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-248DIW.096
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	35	5	12.8	-0.000006	**-0.0038**	ug/L
	Be	9	33	24	3	11.0	-0.000008	**-0.0231**	ug/L
	B	11	169	96	8	8.5	-0.000061	**-0.1019**	ug/L
	Na	23	6859	10522	229	2.2	0.002622	**-1.3317**	ug/L
	Mg	24	156	181	12	6.4	0.000015	**-0.2095**	ug/L
	Al	27	891	1104	44	4.0	0.000138	**0.0008**	ug/L
	K	39	409328	423629	2776	0.7	-0.000376	**0.1436**	ug/L
	Ca	44	69014	41983	520	1.2	-0.022673	**-83.4210**	ug/L
>	Sc	45	1256607	1302525	30028	2.3	1302525.381635		ug/L
	Ti	47	283	183	14	7.7	-0.000085	**-0.1035**	ug/L
	Ti	48	-5947	-3537	55	1.5	0.002015	**0.2367**	ug/L
	V	51	5985	2783	51	1.8	-0.002625	**-0.2511**	ug/L
	Cr	52	6084	5824	69	1.2	-0.000369	**-0.0407**	ug/L
	Cr	53	1948	919	26	2.8	-0.000845	**-0.8681**	ug/L
	Mn	55	361	302	13	4.4	-0.000055	**-0.0069**	ug/L
	Fe	54	51442	38618	170	0.4	-0.011277	**-17.1313**	ug/L
	Fe	57	3551	3756	92	2.5	0.000059	**0.0785**	ug/L
	Co	59	37	33	2	7.1	-0.000004	**-0.0052**	ug/L
	Ni	60	52	48	4	7.5	-0.000005	**-0.0037**	ug/L
	Ni	62	215	219	9	4.2	-0.000003	**-0.0144**	ug/L
	Cu	65	54	41	6	13.8	-0.000019	**-0.0117**	ug/L
	Cu	63	85	63	14	23.1	-0.000035	**-0.0045**	ug/L
	Zn	66	245	215	17	8.0	-0.000052	**0.0173**	ug/L
	Zn	68	228	173	6	3.7	-0.000086	**-0.0080**	ug/L
>	Ge	74	709212	732359	18141	2.5	732359.033304		ug/L
	As	75	154	84	83	97.7	-0.000099	**0.0018**	ug/L
	As-1	75	7631	7412	75	1.0	-0.000633	**-0.1009**	ug/L
	Se	77	105	92	12	13.0	-0.000004	**-0.1074**	ug/L
	Se	82	-3	-4	11	259.3	-0.000000	**0.0106**	ug/L
	Sr	88	94	98	13	13.2	0.000001	**-0.0035**	ug/L
	Y	89	67	70	3	4.9	0.000001	**0.0136**	ug/L
	Mo	98	144	49	11	22.7	-0.000030	**-0.0117**	ug/L
	Ag	107	37	30	6	18.2	-0.000002	**0.0011**	ug/L
	Ag	109	38	26	3	9.6	-0.000004	**-0.0001**	ug/L
	Cd	111	24	23	6	28.4	-0.000000	**0.0001**	ug/L
	Cd	114	20	2	23	1226.2	-0.000006	**-0.0049**	ug/L

>	In	115	3160654	3172880	88915	2.8	3172879.649400		ug/L
	Sn	120	17270	17173	168	1.0	-0.000049	**-0.1164**	ug/L
	Sb	121	224	65	7	11.4	-0.000051	**0.2724**	ug/L
	Cs	133	20	16	4	25.8	-0.000001	**-0.0015**	ug/L
	Ba	138	86	131	5	3.6	0.000014	**0.0004**	ug/L
	Ce	140	36	33	2	6.2	-0.000001	**0.0002**	ug/L
>	Tm	169	2730830	2741393	84792	3.1	2741392.672151		ug/L
	Tl	205	25	13	1	4.3	-0.000004	**-0.0019**	ug/L
	Pb	208	143	151	5	3.1	0.000003	**-0.0010**	ug/L
	Bi	209	261	25	3	10.2	-0.000087	**-0.0102**	ug/L
	Th	232	199	35	8	22.9	-0.000060	**-0.0079**	ug/L
	U	238	16	14	5	32.7	-0.000001	**-0.0002**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	103.654
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	103.264
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	100.387
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	100.387
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-248A

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 18:34:04
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 127

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-248A .097
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	34	4	12.0	-0.000007	**-0.0048**	ug/L
	Be	9	33	25	8	30.2	-0.000006	**-0.0193**	ug/L
	B	11	169	104	3	3.1	-0.000053	**-0.0790**	ug/L
	Na	23	6859	5887	134	2.3	-0.000856	**-2.1122**	ug/L
	Mg	24	156	129	19	14.6	-0.000023	**-0.2221**	ug/L
	Al	27	891	924	21	2.3	0.000013	**-0.0287**	ug/L
	K	39	409328	422766	2898	0.7	0.004835	**0.7469**	ug/L
	Ca	44	69014	41476	410	1.0	-0.022490	**-82.7112**	ug/L
>	Sc	45	1256607	1279064	21303	1.7	1279064.012908		ug/L
	Ti	47	283	197	23	11.6	-0.000071	**-0.0845**	ug/L
	Ti	48	-5947	-3505	35	1.0	0.001992	**0.2339**	ug/L
	V	51	5985	2724	91	3.3	-0.002633	**-0.2520**	ug/L
	Cr	52	6084	5567	348	6.3	-0.000485	**-0.0555**	ug/L
	Cr	53	1948	917	31	3.4	-0.000833	**-0.8552**	ug/L
	Mn	55	361	266	13	4.8	-0.000079	**-0.0091**	ug/L
	Fe	54	51442	37447	516	1.4	-0.011659	**-17.7819**	ug/L
	Fe	57	3551	3764	42	1.1	0.000118	**0.3411**	ug/L
	Co	59	37	31	12	38.2	-0.000005	**-0.0054**	ug/L
	Ni	60	52	40	4	8.8	-0.000010	**-0.0065**	ug/L
	Ni	62	215	231	13	5.8	0.000009	**0.0273**	ug/L
	Cu	65	54	35	7	20.0	-0.000028	**-0.0139**	ug/L
	Cu	63	85	55	8	13.7	-0.000045	**-0.0058**	ug/L
	Zn	66	245	174	7	3.9	-0.000107	**-0.0098**	ug/L
	Zn	68	228	145	12	8.4	-0.000124	**-0.0332**	ug/L
>	Ge	74	709212	733432	13036	1.8	733432.134063		ug/L
	As	75	154	96	9	9.3	-0.000085	**0.0065**	ug/L
	As-1	75	7631	7401	67	0.9	-0.000667	**-0.1128**	ug/L
	Se	77	105	90	10	11.4	-0.000004	**-0.1047**	ug/L
	Se	82	-3	3	12	465.0	0.000002	**0.0414**	ug/L
	Sr	88	94	90	4	4.8	-0.000001	**-0.0037**	ug/L
	Y	89	67	52	5	9.4	-0.000004	**0.0112**	ug/L
	Mo	98	144	37	8	21.3	-0.000034	**-0.0134**	ug/L
	Ag	107	37	29	6	22.4	-0.000003	**0.0010**	ug/L
	Ag	109	38	24	4	14.8	-0.000004	**-0.0003**	ug/L
	Cd	111	24	16	2	10.8	-0.000002	**-0.0022**	ug/L
	Cd	114	20	15	21	135.3	-0.000001	**-0.0026**	ug/L

>	In	115	3160654	3091040	53568	1.7	3091039.711284		ug/L
	Sn	120	17270	17087	585	3.4	0.000063	**-0.0848**	ug/L
	Sb	121	224	50	6	12.8	-0.000055	**0.2708**	ug/L
	Cs	133	20	18	5	25.5	-0.000001	**-0.0015**	ug/L
	Ba	138	86	93	13	13.6	0.000003	**-0.0010**	ug/L
	Ce	140	36	32	3	9.4	-0.000001	**0.0002**	ug/L
>	Tm	169	2730830	2713459	80986	3.0	2713458.571399		ug/L
	Tl	205	25	21	2	9.5	-0.000002	**-0.0015**	ug/L
	Pb	208	143	124	2	1.9	-0.000007	**-0.0021**	ug/L
	Bi	209	261	33	4	10.5	-0.000083	**-0.0097**	ug/L
	Th	232	199	36	11	30.0	-0.000060	**-0.0078**	ug/L
	U	238	16	15	1	6.7	-0.000000	**-0.0002**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	101.787
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	103.415
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	97.797
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	99.364
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-248B
Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 18:37:59
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 128

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-248B.098
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	39	9	22.8	-0.000003	**-0.0012**	ug/L
	Be	9	33	25	4	17.4	-0.000007	**-0.0218**	ug/L
	B	11	169	103	4	3.4	-0.000057	**-0.0908**	ug/L
	Na	23	6859	10078	146	1.5	0.002136	**-1.4406**	ug/L
	Mg	24	156	124	4	2.9	-0.000030	**-0.2245**	ug/L
	Al	27	891	921	37	4.1	-0.000016	**-0.0354**	ug/L
	K	39	409328	426038	1301	0.3	-0.004664	**-0.3529**	ug/L
	Ca	44	69014	41331	623	1.5	-0.023768	**-87.6801**	ug/L
>	Sc	45	1256607	1327234	27425	2.1	1327233.864707		ug/L
	Ti	47	283	183	27	14.5	-0.000087	**-0.1069**	ug/L
	Ti	48	-5947	-3491	40	1.1	0.002101	**0.2470**	ug/L
	V	51	5985	2689	70	2.6	-0.002736	**-0.2628**	ug/L
	Cr	52	6084	5585	211	3.8	-0.000631	**-0.0742**	ug/L
	Cr	53	1948	912	22	2.4	-0.000862	**-0.8871**	ug/L
	Mn	55	361	271	9	3.4	-0.000083	**-0.0094**	ug/L
	Fe	54	51442	38106	727	1.9	-0.012222	**-18.7395**	ug/L
	Fe	57	3551	3855	112	2.9	0.000078	**0.1648**	ug/L
	Co	59	37	35	2	6.0	-0.000003	**-0.0051**	ug/L
	Ni	60	52	48	6	12.8	-0.000005	**-0.0039**	ug/L
	Ni	62	215	237	25	10.6	0.000007	**0.0204**	ug/L
	Cu	65	54	35	2	6.0	-0.000029	**-0.0143**	ug/L
	Cu	63	85	52	16	29.6	-0.000050	**-0.0065**	ug/L
	Zn	66	245	181	21	11.3	-0.000102	**-0.0072**	ug/L
	Zn	68	228	168	12	7.2	-0.000096	**-0.0148**	ug/L
>	Ge	74	709212	744980	4137	0.6	744980.190502		ug/L
	As	75	154	72	54	74.9	-0.000119	**-0.0047**	ug/L
	As-1	75	7631	7466	78	1.0	-0.000738	**-0.1378**	ug/L
	Se	77	105	91	12	13.3	-0.000005	**-0.1139**	ug/L
	Se	82	-3	-2	16	885.4	0.000000	**0.0221**	ug/L
	Sr	88	94	99	14	14.6	0.000001	**-0.0034**	ug/L
	Y	89	67	55	9	15.5	-0.000004	**0.0115**	ug/L
	Mo	98	144	42	24	56.5	-0.000032	**-0.0127**	ug/L
	Ag	107	37	29	2	7.1	-0.000003	**0.0010**	ug/L
	Ag	109	38	23	7	28.7	-0.000005	**-0.0004**	ug/L
	Cd	111	24	19	2	7.9	-0.000001	**-0.0011**	ug/L
	Cd	114	20	5	15	304.7	-0.000005	**-0.0044**	ug/L

>	In	115	3160654	3167765	104646	3.3	3167765.422247		ug/L
	Sn	120	17270	19494	591	3.0	0.000690	**0.0918**	ug/L
	Sb	121	224	58	10	17.5	-0.000053	**0.2716**	ug/L
	Cs	133	20	17	3	17.6	-0.000001	**-0.0015**	ug/L
	Ba	138	86	162	7	4.5	0.000024	**0.0016**	ug/L
	Ce	140	36	31	4	11.2	-0.000001	**0.0001**	ug/L
>	Tm	169	2730830	2821779	27584	1.0	2821779.483668		ug/L
	Tl	205	25	14	1	8.4	-0.000004	**-0.0019**	ug/L
	Pb	208	143	137	12	8.9	-0.000004	**-0.0018**	ug/L
	Bi	209	261	30	10	31.8	-0.000085	**-0.0099**	ug/L
	Th	232	199	31	12	39.2	-0.000062	**-0.0082**	ug/L
	U	238	16	11	2	15.7	-0.000002	**-0.0003**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	105.620
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	105.043
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	100.225
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	103.330
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-248C

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 18:41:53
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 129

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-248C.099
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	30	3	10.3	-0.000010	**-0.0092**	ug/L
	Be	9	33	26	4	15.3	-0.000006	**-0.0180**	ug/L
	B	11	169	110	7	6.3	-0.000051	**-0.0740**	ug/L
	Na	23	6859	10813	204	1.9	0.002731	**-1.3071**	ug/L
	Mg	24	156	261	13	4.9	0.000074	**-0.1901**	ug/L
	Al	27	891	1419	78	5.5	0.000366	**0.0543**	ug/L
	K	39	409328	425684	1303	0.3	-0.003376	**-0.2038**	ug/L
	Ca	44	69014	41291	387	0.9	-0.023654	**-87.2374**	ug/L
>	Sc	45	1256607	1320732	21051	1.6	1320732.492479		ug/L
	Ti	47	283	183	18	9.6	-0.000086	**-0.1059**	ug/L
	Ti	48	-5947	-3460	45	1.3	0.002112	**0.2484**	ug/L
	V	51	5985	2702	31	1.1	-0.002716	**-0.2608**	ug/L
	Cr	52	6084	5928	181	3.1	-0.000353	**-0.0387**	ug/L
	Cr	53	1948	902	28	3.1	-0.000867	**-0.8922**	ug/L
	Mn	55	361	330	15	4.6	-0.000037	**-0.0053**	ug/L
	Fe	54	51442	38139	411	1.1	-0.012058	**-18.4606**	ug/L
	Fe	57	3551	3910	117	3.0	0.000135	**0.4172**	ug/L
	Co	59	37	34	5	15.0	-0.000004	**-0.0052**	ug/L
	Ni	60	52	86	3	3.6	0.000024	**0.0114**	ug/L
	Ni	62	215	225	10	4.3	-0.000001	**-0.0074**	ug/L
	Cu	65	54	60	7	11.6	0.000005	**-0.0054**	ug/L
	Cu	63	85	112	8	7.2	0.000028	**0.0037**	ug/L
	Zn	66	245	394	16	4.1	0.000179	**0.1313**	ug/L
	Zn	68	228	314	45	14.3	0.000097	**0.1123**	ug/L
>	Ge	74	709212	750800	9592	1.3	750799.553905		ug/L
	As	75	154	103	63	61.2	-0.000079	**0.0086**	ug/L
	As-1	75	7631	7427	107	1.4	-0.000867	**-0.1833**	ug/L
	Se	77	105	80	13	15.6	-0.000007	**-0.1767**	ug/L
	Se	82	-3	5	24	446.9	0.000003	**0.0565**	ug/L
	Sr	88	94	135	13	9.6	0.000013	**-0.0020**	ug/L
	Y	89	67	67	5	7.5	0.000000	**0.0133**	ug/L
	Mo	98	144	45	9	20.3	-0.000031	**-0.0122**	ug/L
	Ag	107	37	26	3	11.2	-0.000004	**0.0007**	ug/L
	Ag	109	38	28	4	13.7	-0.000003	**0.0000**	ug/L
	Cd	111	24	14	3	23.5	-0.000003	**-0.0032**	ug/L
	Cd	114	20	26	22	84.0	0.000002	**-0.0009**	ug/L

>	In	115	3160654	3129612	85847	2.7	3129611.729223		ug/L
	Sn	120	17270	17590	445	2.5	0.000157	**-0.0584**	ug/L
	Sb	121	224	90	10	11.1	-0.000042	**0.2757**	ug/L
	Cs	133	20	17	1	5.9	-0.000001	**-0.0015**	ug/L
	Ba	138	86	149	15	9.9	0.000020	**0.0012**	ug/L
	Ce	140	36	27	6	22.6	-0.000003	**-0.0000**	ug/L
>	Tm	169	2730830	2782557	95243	3.4	2782557.148807		ug/L
	Tl	205	25	16	4	21.5	-0.000003	**-0.0017**	ug/L
	Pb	208	143	169	14	8.1	0.000009	**-0.0004**	ug/L
	Bi	209	261	33	7	21.7	-0.000084	**-0.0097**	ug/L
	Th	232	199	30	3	10.6	-0.000062	**-0.0082**	ug/L
	U	238	16	12	1	8.3	-0.000001	**-0.0003**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	105.103
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	105.864
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.018
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	101.894
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-248A In House

Sample Description:

Batch ID:

Sample Date/Time: Friday, September 14, 2012 18:45:47
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 130

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-248A In House.100
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	35	7	18.7	-0.000006	**-0.0043**	ug/L
	Be	9	33	28	6	21.4	-0.000005	**-0.0133**	ug/L
	B	11	169	103	7	6.4	-0.000056	**-0.0864**	ug/L
	Na	23	6859	14296	276	1.9	0.005460	**-0.6946**	ug/L
	Mg	24	156	135	8	5.7	-0.000021	**-0.2214**	ug/L
	Al	27	891	903	63	6.9	-0.000020	**-0.0365**	ug/L
	K	39	409328	421588	2501	0.6	-0.003826	**-0.2559**	ug/L
	Ca	44	69014	40687	251	0.6	-0.023854	**-88.0157**	ug/L
>	Sc	45	1256607	1309746	18757	1.4	1309745.583205		ug/L
	Ti	47	283	181	12	6.5	-0.000087	**-0.1067**	ug/L
	Ti	48	-5947	-3414	12	0.4	0.002125	**0.2500**	ug/L
	V	51	5985	2633	59	2.2	-0.002752	**-0.2645**	ug/L
	Cr	52	6084	5714	135	2.4	-0.000479	**-0.0548**	ug/L
	Cr	53	1948	891	3	0.3	-0.000869	**-0.8948**	ug/L
	Mn	55	361	295	13	4.5	-0.000062	**-0.0075**	ug/L
	Fe	54	51442	37709	523	1.4	-0.012145	**-18.6095**	ug/L
	Fe	57	3551	3799	64	1.7	0.000075	**0.1491**	ug/L
	Co	59	37	34	5	13.5	-0.000004	**-0.0051**	ug/L
	Ni	60	52	45	11	24.4	-0.000007	**-0.0048**	ug/L
	Ni	62	215	201	11	5.5	-0.000018	**-0.0673**	ug/L
	Cu	65	54	44	6	13.6	-0.000015	**-0.0106**	ug/L
	Cu	63	85	62	4	6.8	-0.000035	**-0.0046**	ug/L
	Zn	66	245	312	26	8.3	0.000085	**0.0851**	ug/L
	Zn	68	228	252	32	12.6	0.000025	**0.0650**	ug/L
>	Ge	74	709212	725644	862	0.1	725643.836564		ug/L
	As	75	154	72	35	48.0	-0.000117	**-0.0040**	ug/L
	As-1	75	7631	7337	146	2.0	-0.000649	**-0.1065**	ug/L
	Se	77	105	95	3	2.8	-0.000002	**-0.0649**	ug/L
	Se	82	-3	-1	25	1684.1	0.000000	**0.0231**	ug/L
	Sr	88	94	102	20	19.1	0.000003	**-0.0032**	ug/L
	Y	89	67	65	5	7.3	-0.000000	**0.0131**	ug/L
	Mo	98	144	40	18	44.5	-0.000033	**-0.0129**	ug/L
	Ag	107	37	23	3	13.5	-0.000004	**0.0005**	ug/L
	Ag	109	38	26	5	17.6	-0.000004	**-0.0001**	ug/L
	Cd	111	24	19	4	19.0	-0.000001	**-0.0010**	ug/L
	Cd	114	20	19	9	46.0	-0.000000	**-0.0020**	ug/L

>	In	115	3160654	3079700	48522	1.6	3079699.825096		ug/L
	Sn	120	17270	17035	480	2.8	0.000067	**-0.0837**	ug/L
	Sb	121	224	43	9	21.8	-0.000057	**0.2700**	ug/L
	Cs	133	20	16	2	10.8	-0.000001	**-0.0015**	ug/L
	Ba	138	86	172	5	3.2	0.000029	**0.0022**	ug/L
	Ce	140	36	37	8	20.3	0.000001	**0.0003**	ug/L
>	Tm	169	2730830	2722280	40411	1.5	2722280.062193		ug/L
	Tl	205	25	13	6	46.2	-0.000004	**-0.0019**	ug/L
	Pb	208	143	147	18	12.4	0.000002	**-0.0012**	ug/L
	Bi	209	261	29	12	42.1	-0.000085	**-0.0099**	ug/L
	Th	232	199	34	6	17.9	-0.000060	**-0.0079**	ug/L
	U	238	16	18	2	8.6	0.000001	**-0.0001**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	104.229
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	102.317
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	97.439
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	99.687
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-248B In House

Sample Description:

Batch ID:

Sample Date/Time: Friday, September 14, 2012 18:49:40
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 131

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-248B In House.101
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	33	9	26.2	-0.000008	**-0.0062**	ug/L
	Be	9	33	26	7	25.8	-0.000006	**-0.0176**	ug/L
	B	11	169	101	9	8.6	-0.000058	**-0.0931**	ug/L
	Na	23	6859	18165	384	2.1	0.008362	**-0.0432**	ug/L
	Mg	24	156	286	26	9.0	0.000094	**-0.1836**	ug/L
	Al	27	891	860	40	4.6	-0.000055	**-0.0446**	ug/L
	K	39	409328	424254	888	0.2	-0.002941	**-0.1534**	ug/L
	Ca	44	69014	40826	280	0.7	-0.023855	**-88.0216**	ug/L
>	Sc	45	1256607	1314520	21368	1.6	1314520.199645		ug/L
	Ti	47	283	187	11	5.7	-0.000083	**-0.1009**	ug/L
	Ti	48	-5947	-3410	26	0.8	0.002137	**0.2514**	ug/L
	V	51	5985	2626	19	0.7	-0.002764	**-0.2658**	ug/L
	Cr	52	6084	5727	110	1.9	-0.000483	**-0.0553**	ug/L
	Cr	53	1948	875	33	3.8	-0.000884	**-0.9105**	ug/L
	Mn	55	361	304	13	4.2	-0.000056	**-0.0070**	ug/L
	Fe	54	51442	39194	853	2.2	-0.011121	**-16.8655**	ug/L
	Fe	57	3551	3778	118	3.1	0.000048	**0.0271**	ug/L
	Co	59	37	31	4	12.9	-0.000006	**-0.0054**	ug/L
	Ni	60	52	122	12	9.4	0.000052	**0.0261**	ug/L
	Ni	62	215	256	7	2.8	0.000024	**0.0791**	ug/L
	Cu	65	54	51	9	16.8	-0.000007	**-0.0085**	ug/L
	Cu	63	85	84	7	8.1	-0.000006	**-0.0008**	ug/L
	Zn	66	245	290	8	2.7	0.000048	**0.0667**	ug/L
	Zn	68	228	240	4	1.6	0.000003	**0.0507**	ug/L
>	Ge	74	709212	737618	19815	2.7	737618.183628		ug/L
	As	75	154	148	71	48.0	-0.000015	**0.0300**	ug/L
	As-1	75	7631	7429	37	0.5	-0.000682	**-0.1181**	ug/L
	Se	77	105	77	16	20.6	-0.000009	**-0.1996**	ug/L
	Se	82	-3	3	4	115.2	0.000002	**0.0446**	ug/L
	Sr	88	94	136	9	6.4	0.000014	**-0.0019**	ug/L
	Y	89	67	61	11	18.5	-0.000002	**0.0124**	ug/L
	Mo	98	144	43	19	44.3	-0.000032	**-0.0126**	ug/L
	Ag	107	37	30	2	5.8	-0.000002	**0.0011**	ug/L
	Ag	109	38	28	4	12.9	-0.000003	**0.0001**	ug/L
	Cd	111	24	15	6	40.0	-0.000003	**-0.0028**	ug/L
	Cd	114	20	24	24	101.1	0.000001	**-0.0014**	ug/L

>	In	115	3160654	3133319	105767	3.4	3133319.236317		ug/L
	Sn	120	17270	17717	1153	6.5	0.000187	**-0.0499**	ug/L
	Sb	121	224	49	4	8.6	-0.000055	**0.2705**	ug/L
	Cs	133	20	17	3	17.6	-0.000001	**-0.0015**	ug/L
	Ba	138	86	119	8	6.8	0.000011	**0.0000**	ug/L
	Ce	140	36	29	5	17.2	-0.000002	**0.0001**	ug/L
>	Tm	169	2730830	2738937	69940	2.6	2738937.090572		ug/L
	Tl	205	25	16	3	16.5	-0.000003	**-0.0018**	ug/L
	Pb	208	143	142	13	9.4	-0.000000	**-0.0014**	ug/L
	Bi	209	261	28	1	3.6	-0.000085	**-0.0100**	ug/L
	Th	232	199	27	6	20.7	-0.000063	**-0.0085**	ug/L
	U	238	16	14	2	12.4	-0.000001	**-0.0002**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	104.609
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	104.005
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.135
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	100.297
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 12-248C In House

Sample Description:

Batch ID:

Sample Date/Time: Friday, September 14, 2012 18:53:34
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 132

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\12-248C In House.102
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	33	7	20.4	-0.000007	**-0.0056**	ug/L
	Be	9	33	30	12	39.6	-0.000003	**-0.0070**	ug/L
	B	11	169	115	18	15.9	-0.000046	**-0.0601**	ug/L
	Na	23	6859	121472	1676	1.4	0.087803	**17.7883**	ug/L
	Mg	24	156	209	19	9.0	0.000037	**-0.2024**	ug/L
	Al	27	891	933	34	3.7	0.000007	**-0.0302**	ug/L
	K	39	409328	421976	243	0.1	-0.001740	**-0.0144**	ug/L
	Ca	44	69014	40488	684	1.7	-0.023834	**-87.9376**	ug/L
>	Sc	45	1256607	1302443	10073	0.8	1302443.451339		ug/L
	Ti	47	283	181	7	3.8	-0.000086	**-0.1059**	ug/L
	Ti	48	-5947	-3420	52	1.5	0.002106	**0.2477**	ug/L
	V	51	5985	2593	41	1.6	-0.002771	**-0.2666**	ug/L
	Cr	52	6084	5568	165	3.0	-0.000566	**-0.0658**	ug/L
	Cr	53	1948	865	14	1.6	-0.000886	**-0.9123**	ug/L
	Mn	55	361	289	15	5.1	-0.000065	**-0.0078**	ug/L
	Fe	54	51442	37937	1364	3.6	-0.011804	**-18.0286**	ug/L
	Fe	57	3551	3733	36	1.0	0.000040	**-0.0063**	ug/L
	Co	59	37	32	8	23.2	-0.000005	**-0.0053**	ug/L
	Ni	60	52	52	10	19.3	-0.000001	**-0.0019**	ug/L
	Ni	62	215	233	4	1.5	0.000008	**0.0235**	ug/L
	Cu	65	54	39	8	19.8	-0.000023	**-0.0127**	ug/L
	Cu	63	85	64	10	15.1	-0.000033	**-0.0043**	ug/L
	Zn	66	245	178	6	3.1	-0.000102	**-0.0074**	ug/L
	Zn	68	228	174	17	9.6	-0.000085	**-0.0075**	ug/L
>	Ge	74	709212	735428	6671	0.9	735427.679486		ug/L
	As	75	154	57	72	128.1	-0.000139	**-0.0116**	ug/L
	As-1	75	7631	7394	113	1.5	-0.000704	**-0.1259**	ug/L
	Se	77	105	99	12	12.1	-0.000001	**-0.0484**	ug/L
	Se	82	-3	-1	14	1226.4	0.000000	**0.0239**	ug/L
	Sr	88	94	101	13	12.4	0.000002	**-0.0033**	ug/L
	Y	89	67	57	3	5.3	-0.000003	**0.0118**	ug/L
	Mo	98	144	44	24	54.3	-0.000032	**-0.0125**	ug/L
	Ag	107	37	29	6	21.0	-0.000003	**0.0010**	ug/L
	Ag	109	38	27	2	6.4	-0.000003	**-0.0000**	ug/L
	Cd	111	24	20	4	20.5	-0.000001	**-0.0007**	ug/L
	Cd	114	20	32	29	90.4	0.000004	**0.0000**	ug/L

>	In	115	3160654	3144401	39340	1.3	3144400.745352		ug/L
	Sn	120	17270	17629	473	2.7	0.000144	**-0.0621**	ug/L
	Sb	121	224	46	16	34.9	-0.000056	**0.2702**	ug/L
	Cs	133	20	13	6	42.6	-0.000002	**-0.0016**	ug/L
	Ba	138	86	206	14	6.8	0.000038	**0.0034**	ug/L
	Ce	140	36	35	8	22.3	-0.000000	**0.0002**	ug/L
>	Tm	169	2730830	2754270	46686	1.7	2754269.593130		ug/L
	Tl	205	25	16	6	41.0	-0.000004	**-0.0018**	ug/L
	Pb	208	143	136	14	10.5	-0.000003	**-0.0017**	ug/L
	Bi	209	261	29	10	34.5	-0.000085	**-0.0099**	ug/L
	Th	232	199	31	4	11.2	-0.000061	**-0.0082**	ug/L
	U	238	16	14	8	55.9	-0.000001	**-0.0002**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	103.648
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	103.696
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.486
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	100.858
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SatWastePrep

Sample Description: 1000x

Batch ID:

Sample Date/Time: Friday, September 14, 2012 18:57:28
Diluted To Volume (mL): 1000.00
Aliquot Volume (mL): 1
Autosampler Position: 133

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SatWastePrep.103
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	229	17	7.3	0.000140	**163.9453**	ug/L
	Be	9	33	27	7	23.8	-0.000005	**-15.4603**	ug/L
	B	11	169	8290	113	1.4	0.006140	**17289.0044**	ug/L
	Na	23	6859	6089774	42061	0.7	4.603015	**1031279.8798**	ug/L
	Mg	24	156	766500	1472	0.2	0.579927	**190713.9958**	ug/L
	Al	27	891	3289	39	1.2	0.001780	**387.1076**	ug/L
	K	39	409328	928083	16714	1.8	0.376462	**43774.2647**	ug/L
	Ca	44	69014	339905	6005	1.8	0.202259	**791615.5216**	ug/L
>	Sc	45	1256607	1321634	19675	1.5	1321634.317361		ug/L
	Ti	47	283	228	13	5.5	-0.000052	**-58.5048**	ug/L
	Ti	48	-5947	1853	199	10.7	0.006134	**733.5145**	ug/L
	V	51	5985	2794	25	0.9	-0.002648	**-253.5979**	ug/L
	Cr	52	6084	6022	167	2.8	-0.000286	**-30.0485**	ug/L
	Cr	53	1948	894	32	3.6	-0.000873	**-899.1835**	ug/L
	Mn	55	361	33570	249	0.7	0.025117	**2269.8456**	ug/L
	Fe	54	51442	53643	706	1.3	-0.000343	**1487.5890**	ug/L
	Fe	57	3551	4428	40	0.9	0.000524	**2165.0418**	ug/L
	Co	59	37	98	8	7.8	0.000045	**0.5136**	ug/L
	Ni	60	52	13	5	40.8	-0.000031	**-17.6352**	ug/L
	Ni	62	215	238	18	7.5	0.000009	**25.4707**	ug/L
	Cu	65	54	69	13	19.2	0.000016	**-2.3473**	ug/L
	Cu	63	85	159	20	12.5	0.000092	**11.8818**	ug/L
	Zn	66	245	235	14	6.1	-0.000031	**27.9191**	ug/L
	Zn	68	228	222	11	4.9	-0.000026	**31.5783**	ug/L
>	Ge	74	709212	748823	3142	0.4	748823.218388		ug/L
	As	75	154	124	41	33.3	-0.000051	**17.9611**	ug/L
	As-1	75	7631	7601	50	0.7	-0.000608	**-92.1994**	ug/L
	Se	77	105	102	8	7.4	-0.000001	**-44.6758**	ug/L
	Se	82	-3	18	7	40.6	0.000006	**114.5319**	ug/L
	Sr	88	94	49843	1152	2.3	0.015565	**1894.7549**	ug/L
	Y	89	67	159	15	9.6	0.000028	**26.2855**	ug/L
	Mo	98	144	79	6	7.6	-0.000021	**-6.9778**	ug/L
	Ag	107	37	26	7	25.8	-0.000004	**0.7407**	ug/L
	Ag	109	38	30	3	11.5	-0.000003	**0.1978**	ug/L
	Cd	111	24	19	8	41.6	-0.000002	**-1.4379**	ug/L
	Cd	114	20	-4	41	1172.9	-0.000007	**-5.7376**	ug/L

>	In	115	3160654	3196736	46069	1.4	3196736.473254		ug/L
	Sn	120	17270	17910	347	1.9	0.000138	**-63.6079**	ug/L
	Sb	121	224	61	23	37.1	-0.000052	**271.9170**	ug/L
	Cs	133	20	25	15	60.4	0.000001	**-1.2796**	ug/L
	Ba	138	86	1237	27	2.2	0.000360	**43.4522**	ug/L
	Ce	140	36	122	12	10.1	0.000027	**2.9403**	ug/L
>	Tm	169	2730830	2781891	48213	1.7	2781891.165318		ug/L
	Tl	205	25	17	5	27.1	-0.000003	**-1.7357**	ug/L
	Pb	208	143	356	19	5.3	0.000076	**7.2307**	ug/L
	Bi	209	261	42	14	34.0	-0.000081	**-9.2982**	ug/L
	Th	232	199	91	15	16.5	-0.000040	**-3.9277**	ug/L
	U	238	16	62	6	9.1	0.000017	**1.6039**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	105.175
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	105.585
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	101.142
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	101.870
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SatWasteRec

Sample Description: 1000x

Batch ID:

Sample Date/Time: Friday, September 14, 2012 19:01:21
Diluted To Volume (mL): 1000.00
Aliquot Volume (mL): 1
Autosampler Position: 134

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SatWasteRec.104
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	71872	11681	16.3	0.076734	**88116.3053**	ug/L
	Be	9	33	31	5	15.4	0.000007	**25.3382**	ug/L
	B	11	169	106300	16441	15.5	0.113440	**318222.0962**	ug/L
	Na	23	6859	S	S	S	S	**S**	ug/L
	Mg	24	156	153309312	8659985	5.6	164.616689	**54196299.4400**	ug/L
	Al	27	891	1069693	53935	5.0	1.148231	**270241.2626**	ug/L
	K	39	409328	162027623	11408170	7.0	173.545237	**20093470.0246**	ug/L
	Ca	44	69014	3985421	303681	7.6	4.221076	**16425730.5109**	ug/L
>	Sc	45	1256607	932332	72813	7.8	932332.001633		ug/L
	Ti	47	283	686	55	8.0	0.000516	**729.3032**	ug/L
	Ti	48	-5947	133507	12134	9.1	0.147919	**17833.5253**	ug/L
	V	51	5985	22091	505	2.3	0.019048	**2029.9048**	ug/L
	Cr	52	6084	6987	307	4.4	0.002695	**350.2576**	ug/L
	Cr	53	1948	6867	181	2.6	0.005853	**6367.9944**	ug/L
	Mn	55	361	471802	38073	8.1	0.505698	**45736.6643**	ug/L
	Fe	54	51442	116943	7570	6.5	0.084580	**146099.6953**	ug/L
	Fe	57	3551	34285	1352	3.9	0.034019	**152449.0525**	ug/L
	Co	59	37	2142	86	4.0	0.002273	**260.4436**	ug/L
	Ni	60	52	144	95	65.9	0.000118	**61.1476**	ug/L
	Ni	62	215	1152	452	39.3	0.001092	**3822.9860**	ug/L
	Cu	65	54	2110	202	9.6	0.004272	**1111.6821**	ug/L
	Cu	63	85	14006	1140	8.1	0.028767	**3725.2196**	ug/L
	Zn	66	245	7014	698	9.9	0.014104	**6984.8166**	ug/L
	Zn	68	228	5077	501	9.9	0.010137	**6718.5878**	ug/L
>	Ge	74	709212	485259	45312	9.3	485259.474931		ug/L
	As	75	154	4141	505	12.2	0.008303	**2818.4679**	ug/L
	As-1	75	7631	7714	599	7.8	0.005153	**1939.9143**	ug/L
	Se	77	105	1074	12	1.1	0.000392	**8403.0586**	ug/L
	Se	82	-3	806	72	8.9	0.000319	**4862.9070**	ug/L
	Sr	88	94	4676633	332103	7.1	1.850580	**225694.8564**	ug/L
	Y	89	67	4342	239	5.5	0.001697	**794.4487**	ug/L
	Mo	98	144	8516	531	6.2	0.003325	**1699.4675**	ug/L
	Ag	107	37	1343	55	4.1	0.000520	**149.1785**	ug/L
	Ag	109	38	1333	69	5.2	0.000516	**152.2830**	ug/L
	Cd	111	24	84	17	19.7	0.000026	**30.8663**	ug/L
	Cd	114	20	193	68	34.9	0.000070	**33.0089**	ug/L

>	In	115	3160654	2526121	121332	4.8	2526120.621541		ug/L
	Sn	120	17270	15540	663	4.3	0.000691	**91.9461**	ug/L
	Sb	121	224	534	56	10.5	0.000140	**346.1236**	ug/L
	Cs	133	20	2886	58	2.0	0.001138	**102.8556**	ug/L
	Ba	138	86	140795	2272	1.6	0.055819	**6949.6650**	ug/L
	Ce	140	36	11291	226	2.0	0.004467	**445.8549**	ug/L
>	Tm	169	2730830	2759743	60553	2.2	2759742.563589		ug/L
	Tl	205	25	199	12	5.8	0.000063	**8.3246**	ug/L
	Pb	208	143	1768	10	0.5	0.000589	**65.3908**	ug/L
	Bi	209	261	151	40	26.7	-0.000041	**-3.6926**	ug/L
	Th	232	199	480	21	4.3	0.000101	**23.8680**	ug/L
	U	238	16	5302	183	3.4	0.001917	**201.9410**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	74.194
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	68.422
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	79.924
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	101.059
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV2

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 19:05:17
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCV2.105
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	2312	125	5.4	0.002000	**2.2999**	ug/L
	Be	9	33	359	19	5.3	0.000290	**0.9548**	ug/L
	B	11	169	18707	1418	7.6	0.016307	**45.8047**	ug/L
	Na	23	6859	2851763	41119	1.4	2.505013	**560.3590**	ug/L
	Mg	24	156	785569	32184	4.1	0.691089	**227.3117**	ug/L
	Al	27	891	265863	10466	3.9	0.233242	**54.8693**	ug/L
	K	39	409328	1439755	1384	0.1	0.942093	**109.2638**	ug/L
	Ca	44	69014	362913	8160	2.2	0.264581	**1034.0603**	ug/L
>	Sc	45	1256607	1136844	46976	4.1	1136843.537904		ug/L
	Ti	47	283	4366	36	0.8	0.003619	**5.0348**	ug/L
	Ti	48	-5947	44427	1039	2.3	0.043832	**5.2801**	ug/L
	V	51	5985	60518	806	1.3	0.048512	**5.1310**	ug/L
	Cr	52	6084	124558	3944	3.2	0.104792	**13.3791**	ug/L
	Cr	53	1948	15376	259	1.7	0.011984	**12.9907**	ug/L
	Mn	55	361	32779	1241	3.8	0.028550	**2.5803**	ug/L
	Fe	54	51442	221833	4886	2.2	0.154310	**264.8411**	ug/L
	Fe	57	3551	68524	1882	2.7	0.057477	**257.7006**	ug/L
	Co	59	37	25537	1068	4.2	0.022433	**2.6127**	ug/L
	Ni	60	52	11392	285	2.5	0.009984	**5.2695**	ug/L
	Ni	62	215	1990	79	4.0	0.001579	**5.5293**	ug/L
	Cu	65	54	13341	132	1.0	0.021000	**5.4914**	ug/L
	Cu	63	85	26591	670	2.5	0.041870	**5.4221**	ug/L
	Zn	66	245	6783	218	3.2	0.010364	**5.1441**	ug/L
	Zn	68	228	5122	380	7.4	0.007756	**5.1517**	ug/L
>	Ge	74	709212	633511	25311	4.0	633511.152396		ug/L
	As	75	154	10178	94	0.9	0.015864	**5.3530**	ug/L
	As-1	75	7631	16323	388	2.4	0.015021	**5.4211**	ug/L
	Se	77	105	1449	107	7.3	0.000420	**8.9890**	ug/L
	Se	82	-3	1905	43	2.3	0.000597	**9.0798**	ug/L
	Sr	88	94	123806	840	0.7	0.038738	**4.7209**	ug/L
	Y	89	67	19276	232	1.2	0.006013	**2.7809**	ug/L
	Mo	98	144	3056	55	1.8	0.000912	**0.4688**	ug/L
	Ag	107	37	10925	53	0.5	0.003410	**0.9686**	ug/L
	Ag	109	38	10881	295	2.7	0.003396	**0.9970**	ug/L
	Cd	111	24	1351	30	2.2	0.000416	**0.4906**	ug/L
	Cd	114	20	3266	14	0.4	0.001017	**0.5094**	ug/L

>	In	115	3160654	3198229	156725	4.9	3198229.319031		ug/L
	Sn	120	17270	46623	747	1.6	0.009140	**2.4708**	ug/L
	Sb	121	224	5965	825	13.8	0.001805	**0.9898**	ug/L
	Cs	133	20	94139	1488	1.6	0.029476	**2.6985**	ug/L
	Ba	138	86	68344	1267	1.9	0.021379	**2.6610**	ug/L
	Ce	140	36	17960	212	1.2	0.005612	**0.5601**	ug/L
>	Tm	169	2730830	2975957	71389	2.4	2975956.521639		ug/L
	Tl	205	25	5049	74	1.5	0.001688	**0.2560**	ug/L
	Pb	208	143	64941	508	0.8	0.021775	**2.4673**	ug/L
	Bi	209	261	49986	1382	2.8	0.016713	**2.3811**	ug/L
	Th	232	199	6493	2874	44.3	0.002122	**0.4224**	ug/L
	U	238	16	13694	186	1.4	0.004597	**0.4845**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	90.469
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	89.326
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	101.189
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	108.976
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB2

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 19:09:13
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCB2.106
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41	68	7	10.3	0.000023	**0.0293**	ug/L
	Be	9	33	27	4	16.1	-0.000004	**-0.0109**	ug/L
	B	11	169	185	7	3.7	0.000017	**0.1174**	ug/L
	Na	23	6859	50980	7979	15.7	0.036335	**6.2356**	ug/L
	Mg	24	156	870	26	3.0	0.000589	**-0.0206**	ug/L
	Al	27	891	880	31	3.5	0.000012	**-0.0290**	ug/L
	K	39	409328	434290	2664	0.6	0.030106	**3.6728**	ug/L
	Ca	44	69014	46881	796	1.7	-0.016507	**-59.4334**	ug/L
>	Sc	45	1256607	1220503	7567	0.6	1220503.457482		ug/L
	Ti	47	283	210	6	3.1	-0.000053	**-0.0600**	ug/L
	Ti	48	-5947	-3384	107	3.2	0.001960	**0.2301**	ug/L
	V	51	5985	4008	82	2.0	-0.001478	**-0.1304**	ug/L
	Cr	52	6084	6056	65	1.1	0.000120	**0.0218**	ug/L
	Cr	53	1948	1295	99	7.7	-0.000489	**-0.4833**	ug/L
	Mn	55	361	422	5	1.2	0.000058	**0.0034**	ug/L
	Fe	54	51442	48495	1141	2.4	-0.001201	**0.0262**	ug/L
	Fe	57	3551	3936	112	2.8	0.000399	**1.6035**	ug/L
	Co	59	37	37	2	5.6	0.000001	**-0.0046**	ug/L
	Ni	60	52	45	6	13.3	-0.000005	**-0.0036**	ug/L
	Ni	62	215	232	11	4.9	0.000019	**0.0616**	ug/L
	Cu	65	54	77	8	9.7	0.000038	**0.0033**	ug/L
	Cu	63	85	169	37	21.9	0.000128	**0.0166**	ug/L
	Zn	66	245	246	19	7.6	0.000016	**0.0511**	ug/L
	Zn	68	228	232	12	5.2	0.000018	**0.0608**	ug/L
>	Ge	74	709212	680806	6887	1.0	680805.538413		ug/L
	As	75	154	121	24	19.7	-0.000038	**0.0222**	ug/L
	As-1	75	7631	7291	71	1.0	-0.000049	**0.1049**	ug/L
	Se	77	105	92	6	6.8	-0.000005	**-0.1257**	ug/L
	Se	82	-3	3	5	190.6	0.000002	**0.0412**	ug/L
	Sr	88	94	141	10	7.1	0.000013	**-0.0020**	ug/L
	Y	89	67	65	3	4.1	-0.000001	**0.0125**	ug/L
	Mo	98	144	80	18	23.1	-0.000021	**-0.0072**	ug/L
	Ag	107	37	146	9	6.2	0.000033	**0.0110**	ug/L
	Ag	109	38	137	14	9.9	0.000030	**0.0097**	ug/L
	Cd	111	24	21	3	14.0	-0.000001	**-0.0009**	ug/L
	Cd	114	20	13	25	189.1	-0.000002	**-0.0031**	ug/L

>	In	115	3160654	3282083	65995	2.0	3282082.958456		ug/L
	Sn	120	17270	17983	609	3.4	0.000014	**-0.0986**	ug/L
	Sb	121	224	585	96	16.5	0.000107	**0.3333**	ug/L
	Cs	133	20	26	8	32.4	0.000001	**-0.0013**	ug/L
	Ba	138	86	108	12	11.0	0.000006	**-0.0006**	ug/L
	Ce	140	36	33	4	12.7	-0.000001	**0.0001**	ug/L
>	Tm	169	2730830	2945831	91631	3.1	2945831.000356		ug/L
	Tl	205	25	15	2	14.2	-0.000004	**-0.0019**	ug/L
	Pb	208	143	169	5	2.9	0.000005	**-0.0008**	ug/L
	Bi	209	261	549	224	40.9	0.000090	**0.0149**	ug/L
	Th	232	199	504	198	39.3	0.000097	**0.0231**	ug/L
	U	238	16	20	6	28.0	0.000001	**-0.0000**	ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	97.127
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	95.995
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	103.842
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169	107.873
	Tl	205	
	Pb	208	
	Bi	209	
	Th	232	
	U	238	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121724-BLK1

Sample Description:
Batch ID: B121724

Sample Date/Time: Friday, September 14, 2012 19:29:13
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 135

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121724-BLK1.107
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	158	12	7.3	-0.000001	**-0.2147**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	47315	1154	2.4	-0.017972	**-65.1331**	ug/L
>	Sc	45	1256607	1280448	20028	1.6	1280447.722943		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3671	138	3.8	-0.001896	**-0.1745**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	340	27	7.9	-0.000022	**-0.0039**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	57	4	7.6	0.000002	**-0.0062**	ug/L
	Cu	63	85	106	9	8.0	0.000024	**0.0032**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	734932	7405	1.0	734932.477455		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	89	9	9.7	-0.000006	**-0.1367**	ug/L
	Se	82	-3	-7	23	316.2	-0.000001	**-0.0042**	ug/L
	Sr	88	94	101	5	5.0	0.000001	**-0.0034**	ug/L
	Y	89	67						ug/L
	Mo	98	144	41	18	42.9	-0.000033	**-0.0130**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3225055	23603	0.7	3225055.429541		ug/L
	Sn	120	17270	17451	641	3.7	-0.000053	**-0.1175**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	101	21	21.2	0.000004	**-0.0009**	ug/L
	Ce	140	36	34	2	5.9	-0.000001	**0.0002**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	101.897
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	103.627
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	102.038
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121724-BLK2

Sample Description:

Batch ID: B121724

Sample Date/Time: Friday, September 14, 2012 19:31:08
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 136

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121724-BLK2.108
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	131	3	2.2	-0.000020	**-0.2211**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	45597	418	0.9	-0.018826	**-68.4555**	ug/L
>	Sc	45	1256607	1263600	21609	1.7	1263599.887372		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3349	62	1.8	-0.002111	**-0.1971**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	363	13	3.6	0.000000	**-0.0019**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	48	8	15.7	-0.000010	**-0.0093**	ug/L
	Cu	63	85	88	11	12.6	0.000001	**0.0001**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	728261	7663	1.1	728260.802580		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	93	8	9.0	-0.000004	**-0.0980**	ug/L
	Se	82	-3	-0	9	2289.1	0.000001	**0.0275**	ug/L
	Sr	88	94	106	15	13.9	0.000003	**-0.0032**	ug/L
	Y	89	67						ug/L
	Mo	98	144	32	5	15.8	-0.000036	**-0.0144**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3183481	15906	0.5	3183481.315149		ug/L
	Sn	120	17270	16895	45	0.3	-0.000157	**-0.1467**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	117	10	8.3	0.000010	**-0.0002**	ug/L
	Ce	140	36	33	9	26.9	-0.000001	**0.0002**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	100.556
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	102.686
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	100.722
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121724-BLK3

Sample Description:

Batch ID: B121724

Sample Date/Time: Friday, September 14, 2012 19:33:05
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 137

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121724-BLK3.109
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	131	10	7.3	-0.000021	**-0.2214**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	45215	589	1.3	-0.019330	**-70.4151**	ug/L
>	Sc	45	1256607	1270653	17153	1.3	1270653.039617		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3335	51	1.5	-0.002137	**-0.1998**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	364	20	5.6	-0.000001	**-0.0020**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	42	2	5.0	-0.000018	**-0.0114**	ug/L
	Cu	63	85	106	12	10.9	0.000026	**0.0034**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	722348	9662	1.3	722347.925493		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	100	10	9.5	-0.000002	**-0.0575**	ug/L
	Se	82	-3	-2	23	936.7	0.000000	**0.0179**	ug/L
	Sr	88	94	91	7	7.7	-0.000001	**-0.0038**	ug/L
	Y	89	67						ug/L
	Mo	98	144	39	10	26.0	-0.000033	**-0.0133**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3213962	63917	2.0	3213961.616832		ug/L
	Sn	120	17270	17275	696	4.0	-0.000090	**-0.1279**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	93	18	19.6	0.000002	**-0.0011**	ug/L
	Ce	140	36	34	5	13.4	-0.000001	**0.0002**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	101.118
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	101.852
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	101.687
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121724-BLK4

Sample Description:

Batch ID: B121724

Sample Date/Time: Friday, September 14, 2012 19:35:01
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 138

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121724-BLK4.110
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	150	23	15.0	-0.000003	**-0.2153**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	44603	463	1.0	-0.018994	**-69.1077**	ug/L
>	Sc	45	1256607	1243892	60951	4.9	1243891.918991		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3271	87	2.6	-0.002127	**-0.1987**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	391	14	3.6	0.000028	**0.0006**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	52	5	9.7	-0.000002	**-0.0072**	ug/L
	Cu	63	85	97	4	4.5	0.000018	**0.0023**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	703941	35773	5.1	703940.600322		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	103	12	11.9	0.000000	**-0.0090**	ug/L
	Se	82	-3	7	12	171.1	0.000003	**0.0642**	ug/L
	Sr	88	94	104	10	9.8	0.000004	**-0.0031**	ug/L
	Y	89	67						ug/L
	Mo	98	144	30	4	11.7	-0.000036	**-0.0146**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3100555	112968	3.6	3100554.552498		ug/L
	Sn	120	17270	16188	901	5.6	-0.000245	**-0.1716**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	112	4	3.4	0.000009	**-0.0002**	ug/L
	Ce	140	36	35	4	9.9	0.000000	**0.0003**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	98.988
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	99.257
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.099
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV3

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 19:36:59
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCV3.111
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	824172	24888	3.0	0.639260	**210.2481**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	404383	12677	3.1	0.258820	**1011.6512**	ug/L
>	Sc	45	1256607	1288966	30552	2.4	1288966.268357		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	64633	1537	2.4	0.045388	**4.8022**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	37388	1242	3.3	0.028730	**2.5966**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	14271	480	3.4	0.019392	**5.0705**	ug/L
	Cu	63	85	28302	681	2.4	0.038491	**4.9845**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	732946	12838	1.8	732946.197988		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	1653	88	5.3	0.000475	**10.1841**	ug/L
	Se	82	-3	2176	140	6.4	0.000670	**10.1929**	ug/L
	Sr	88	94	140551	4606	3.3	0.043225	**5.2682**	ug/L
	Y	89	67						ug/L
	Mo	98	144	3184	94	2.9	0.000934	**0.4803**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3248802	45229	1.4	3248801.520329		ug/L
	Sn	120	17270	47424	1308	2.8	0.009132	**2.4683**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	63437	1693	2.7	0.019497	**2.4265**	ug/L
	Ce	140	36	16435	559	3.4	0.005046	**0.5036**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	102.575
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	103.347
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	102.789
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB3

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 19:38:57
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCB3.112
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	795	43	5.4	0.000494	**-0.0520**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	44558	341	0.8	-0.020342	**-74.3536**	ug/L
>	Sc	45	1256607	1291724	77600	6.0	1291723.746173		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3160	92	2.9	-0.002308	**-0.2178**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	399	6	1.5	0.000022	**0.0001**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	46	4	8.2	-0.000012	**-0.0098**	ug/L
	Cu	63	85	95	10	10.0	0.000010	**0.0013**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	728794	39522	5.4	728794.099951		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	88	12	14.1	-0.000005	**-0.1342**	ug/L
	Se	82	-3	4	6	146.8	0.000002	**0.0500**	ug/L
	Sr	88	94	127	10	8.2	0.000010	**-0.0023**	ug/L
	Y	89	67						ug/L
	Mo	98	144	42	6	14.4	-0.000032	**-0.0128**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3173606	230427	7.3	3173605.566165		ug/L
	Sn	120	17270	17801	1081	6.1	0.000149	**-0.0607**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	116	7	5.8	0.000009	**-0.0002**	ug/L
	Ce	140	36	39	6	14.0	0.000001	**0.0004**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	102.795
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	102.761
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	100.410
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121724-BS1

Sample Description:

Batch ID: B121724

Sample Date/Time: Friday, September 14, 2012 19:40:56
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 139

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121724-BS1.113
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	24883	552	2.2	0.019700	**6.2713**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	65404	462	0.7	-0.002791	**-6.0780**	ug/L
>	Sc	45	1256607	1255528	40007	3.2	1255527.680762		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	6785	71	1.0	0.000645	**0.0930**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1835	32	1.7	0.001175	**0.1044**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	613	4	0.6	0.000784	**0.1986**	ug/L
	Cu	63	85	1237	62	5.0	0.001613	**0.2089**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	713990	30927	4.3	713989.785544		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	155	11	6.8	0.000017	**0.3426**	ug/L
	Se	82	-3	98	13	12.9	0.000032	**0.5083**	ug/L
	Sr	88	94	2799	44	1.6	0.000872	**0.1027**	ug/L
	Y	89	67						ug/L
	Mo	98	144	260	12	4.7	0.000038	**0.0231**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3107350	136443	4.4	3107350.281762		ug/L
	Sn	120	17270	23273	479	2.1	0.002031	**0.4693**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	2708	124	4.6	0.000846	**0.1041**	ug/L
	Ce	140	36	673	13	2.0	0.000206	**0.0207**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	99.914
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	100.674
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.314
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121724-BS2

Sample Description:

Batch ID: B121724

Sample Date/Time: Friday, September 14, 2012 19:42:52
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 140

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121724-BS2.114
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	25587	120	0.5	0.019891	**6.3342**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	65667	380	0.6	-0.003553	**-9.0411**	ug/L
>	Sc	45	1256607	1278449	9238	0.7	1278448.541481		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	6814	42	0.6	0.000568	**0.0848**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1880	57	3.0	0.001183	**0.1051**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	640	21	3.3	0.000803	**0.2035**	ug/L
	Cu	63	85	1245	28	2.3	0.001589	**0.2058**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	728776	14973	2.1	728776.255385		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	164	5	2.9	0.000019	**0.3900**	ug/L
	Se	82	-3	88	6	6.8	0.000029	**0.4553**	ug/L
	Sr	88	94	2942	72	2.5	0.000907	**0.1070**	ug/L
	Y	89	67						ug/L
	Mo	98	144	289	21	7.2	0.000046	**0.0274**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3143880	61890	2.0	3143879.889820		ug/L
	Sn	120	17270	24077	349	1.4	0.002197	**0.5160**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	2697	33	1.2	0.000831	**0.1022**	ug/L
	Ce	140	36	665	14	2.2	0.000200	**0.0202**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	101.738
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	102.759
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.469
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121724-BS3

Sample Description:

Batch ID: B121724

Sample Date/Time: Friday, September 14, 2012 19:44:48
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 141

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121724-BS3.115
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	24874	456	1.8	0.019532	**6.2159**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	64688	357	0.6	-0.003778	**-9.9167**	ug/L
>	Sc	45	1256607	1266356	54054	4.3	1266355.830543		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	6683	81	1.2	0.000519	**0.0797**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1817	37	2.0	0.001149	**0.1020**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	629	25	3.9	0.000803	**0.2035**	ug/L
	Cu	63	85	1209	11	0.9	0.001566	**0.2028**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	717302	16415	2.3	717302.155834		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	145	6	3.8	0.000014	**0.2805**	ug/L
	Se	82	-3	98	5	5.1	0.000032	**0.5098**	ug/L
	Sr	88	94	2884	57	2.0	0.000905	**0.1067**	ug/L
	Y	89	67						ug/L
	Mo	98	144	289	7	2.4	0.000048	**0.0281**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3088591	106693	3.5	3088591.280161		ug/L
	Sn	120	17270	23788	337	1.4	0.002241	**0.5285**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	2637	47	1.8	0.000827	**0.1016**	ug/L
	Ce	140	36	651	9	1.3	0.000200	**0.0202**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	100.776
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	101.141
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	97.720
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121724-BS4

Sample Description:

Batch ID: B121724

Sample Date/Time: Friday, September 14, 2012 19:46:45
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 142

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121724-BS4.116
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	25133	570	2.3	0.020254	**6.4537**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	64562	218	0.3	-0.002594	**-5.3096**	ug/L
>	Sc	45	1256607	1234440	35006	2.8	1234440.317036		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	6706	117	1.7	0.000673	**0.0959**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1881	47	2.5	0.001238	**0.1101**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	627	15	2.4	0.000811	**0.2056**	ug/L
	Cu	63	85	1249	42	3.3	0.001647	**0.2133**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	707262	17859	2.5	707262.182589		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	152	3	1.7	0.000016	**0.3235**	ug/L
	Se	82	-3	84	2	1.8	0.000028	**0.4388**	ug/L
	Sr	88	94	2815	73	2.6	0.000879	**0.1036**	ug/L
	Y	89	67						ug/L
	Mo	98	144	287	22	7.6	0.000047	**0.0277**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3099177	85312	2.8	3099176.541012		ug/L
	Sn	120	17270	23433	1052	4.5	0.002102	**0.4893**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	2735	79	2.9	0.000856	**0.1053**	ug/L
	Ce	140	36	664	15	2.3	0.000203	**0.0205**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	98.236
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	99.725
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.055
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121724-BS5

Sample Description:

Batch ID: B121724

Sample Date/Time: Friday, September 14, 2012 19:48:41
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 143

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121724-BS5.117
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	2633	33	1.3	0.001939	**0.4239**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	45201	411	0.9	-0.019501	**-71.0810**	ug/L
>	Sc	45	1256607	1276295	12934	1.0	1276295.234032		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3387	54	1.6	-0.002109	**-0.1969**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	513	18	3.6	0.000114	**0.0084**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	110	11	9.6	0.000074	**0.0128**	ug/L
	Cu	63	85	190	15	8.0	0.000139	**0.0180**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	732774	15812	2.2	732774.322191		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	87	2	2.3	-0.000006	**-0.1425**	ug/L
	Se	82	-3	5	13	283.6	0.000002	**0.0513**	ug/L
	Sr	88	94	367	16	4.2	0.000085	**0.0068**	ug/L
	Y	89	67						ug/L
	Mo	98	144	53	12	22.6	-0.000029	**-0.0112**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3195022	12464	0.4	3195022.161346		ug/L
	Sn	120	17270	18545	720	3.9	0.000341	**-0.0066**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	355	11	3.1	0.000084	**0.0091**	ug/L
	Ce	140	36	88	14	16.5	0.000016	**0.0019**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	101.567
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	103.322
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	101.087
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121724-BS6

Sample Description:
Batch ID: B121724

Sample Date/Time: Friday, September 14, 2012 19:50:36
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 144

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121724-BS6.118
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	5059	20	0.4	0.003826	**1.0450**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	46869	121	0.3	-0.018327	**-66.5157**	ug/L
>	Sc	45	1256607	1281021	22738	1.8	1281021.284369		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3643	57	1.6	-0.001918	**-0.1768**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	661	12	1.7	0.000229	**0.0188**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	144	8	5.2	0.000125	**0.0260**	ug/L
	Cu	63	85	301	7	2.5	0.000297	**0.0385**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	720105	3623	0.5	720104.705991		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	102	7	7.0	-0.000001	**-0.0350**	ug/L
	Se	82	-3	17	11	63.7	0.000006	**0.1115**	ug/L
	Sr	88	94	622	28	4.5	0.000167	**0.0168**	ug/L
	Y	89	67						ug/L
	Mo	98	144	85	3	3.8	-0.000019	**-0.0058**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3151795	30562	1.0	3151795.253416		ug/L
	Sn	120	17270	18904	566	3.0	0.000533	**0.0475**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	592	30	5.1	0.000161	**0.0186**	ug/L
	Ce	140	36	145	8	5.2	0.000035	**0.0037**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	101.943
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	101.536
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.720
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121724-BS7

Sample Description:
Batch ID: B121724

Sample Date/Time: Friday, September 14, 2012 19:52:32
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 145

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121724-BS7.119
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	7595	58	0.8	0.005732	**1.6726**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	49397	255	0.5	-0.016830	**-60.6894**	ug/L
>	Sc	45	1256607	1297884	43028	3.3	1297883.752174		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4046	31	0.8	-0.001644	**-0.1479**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	811	54	6.7	0.000338	**0.0287**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	212	14	6.6	0.000212	**0.0488**	ug/L
	Cu	63	85	445	36	8.0	0.000482	**0.0624**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	739163	16397	2.2	739162.504425		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	100	5	5.3	-0.000002	**-0.0634**	ug/L
	Se	82	-3	27	23	85.2	0.000009	**0.1508**	ug/L
	Sr	88	94	915	47	5.1	0.000253	**0.0272**	ug/L
	Y	89	67						ug/L
	Mo	98	144	95	19	20.5	-0.000017	**-0.0047**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3244270	155405	4.8	3244269.667079		ug/L
	Sn	120	17270	19660	524	2.7	0.000600	**0.0664**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	866	37	4.2	0.000240	**0.0285**	ug/L
	Ce	140	36	215	21	9.6	0.000055	**0.0057**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	103.285
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	104.223
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	102.646
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121724-BS8

Sample Description:
Batch ID: B121724

Sample Date/Time: Friday, September 14, 2012 19:54:28
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 146

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121724-BS8.120
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	12822	249	1.9	0.009622	**2.9533**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	53009	283	0.5	-0.014636	**-52.1571**	ug/L
>	Sc	45	1256607	1315926	14056	1.1	1315925.528920		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4828	42	0.9	-0.001094	**-0.0900**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1109	43	3.9	0.000556	**0.0483**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	347	12	3.5	0.000384	**0.0938**	ug/L
	Cu	63	85	645	21	3.3	0.000734	**0.0951**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	755904	20103	2.7	755904.353347		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	118	3	2.2	0.000003	**0.0519**	ug/L
	Se	82	-3	51	18	35.5	0.000016	**0.2667**	ug/L
	Sr	88	94	1504	23	1.6	0.000433	**0.0492**	ug/L
	Y	89	67						ug/L
	Mo	98	144	158	8	5.1	0.000003	**0.0053**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3251972	69308	2.1	3251971.766993		ug/L
	Sn	120	17270	21429	369	1.7	0.001126	**0.2145**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1358	46	3.4	0.000391	**0.0473**	ug/L
	Ce	140	36	360	30	8.4	0.000100	**0.0102**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	104.721
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	106.584
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	102.889
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV4

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 19:56:26
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCV4.121
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	859221	29409	3.4	0.654898	**215.3968**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	409193	10546	2.6	0.256980	**1004.4920**	ug/L
>	Sc	45	1256607	1313015	32810	2.5	1313015.457587		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	66385	1930	2.9	0.045837	**4.8495**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	38833	1633	4.2	0.029319	**2.6499**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	14902	524	3.5	0.019966	**5.2207**	ug/L
	Cu	63	85	29958	835	2.8	0.040169	**5.2018**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	743667	5531	0.7	743666.778286		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	1709	76	4.5	0.000489	**10.4773**	ug/L
	Se	82	-3	2315	15	0.7	0.000708	**10.7607**	ug/L
	Sr	88	94	146055	4447	3.0	0.044600	**5.4358**	ug/L
	Y	89	67						ug/L
	Mo	98	144	3344	138	4.1	0.000976	**0.5016**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3274102	53414	1.6	3274101.975265		ug/L
	Sn	120	17270	47623	1118	2.3	0.009086	**2.4555**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	65834	1560	2.4	0.020089	**2.5002**	ug/L
	Ce	140	36	16690	443	2.7	0.005089	**0.5078**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	104.489
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	104.858
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	103.589
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB4

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 19:58:23
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCB4.122
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	810	12	1.4	0.000470	**-0.0598**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	42635	194	0.5	-0.023674	**-87.3173**	ug/L
>	Sc	45	1256607	1366375	65613	4.8	1366374.724148		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2862	65	2.3	-0.002665	**-0.2554**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	392	20	5.2	-0.000000	**-0.0019**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	48	4	8.5	-0.000013	**-0.0100**	ug/L
	Cu	63	85	93	13	13.7	0.000003	**0.0003**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	758345	25856	3.4	758345.274066		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	86	4	4.7	-0.000008	**-0.1792**	ug/L
	Se	82	-3	6	13	201.1	0.000003	**0.0577**	ug/L
	Sr	88	94	137	12	8.6	0.000011	**-0.0023**	ug/L
	Y	89	67						ug/L
	Mo	98	144	49	14	28.6	-0.000031	**-0.0120**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3356270	132985	4.0	3356270.011353		ug/L
	Sn	120	17270	19542	828	4.2	0.000359	**-0.0014**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	114	7	6.1	0.000007	**-0.0005**	ug/L
	Ce	140	36	38	8	19.9	0.000000	**0.0003**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	108.735
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	106.928
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	106.189
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121703-BLK1

Sample Description:

Batch ID: B121703

Sample Date/Time: Friday, September 14, 2012 20:00:23
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 147

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121703-BLK1.123
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	348	13	3.8	0.000123	**-0.1741**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	43272	404	0.9	-0.024291	**-89.7169**	ug/L
>	Sc	45	1256607	1413324	29616	2.1	1413324.307292		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2881	89	3.1	-0.002723	**-0.2615**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	525	31	6.0	0.000084	**0.0057**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	55	8	13.8	-0.000005	**-0.0079**	ug/L
	Cu	63	85	115	1	1.0	0.000027	**0.0035**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	779855	14255	1.8	779855.286026		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	92	12	13.1	-0.000006	**-0.1446**	ug/L
	Se	82	-3	-3	9	336.0	-0.000000	**0.0170**	ug/L
	Sr	88	94	138	19	14.0	0.000011	**-0.0023**	ug/L
	Y	89	67						ug/L
	Mo	98	144	39	5	13.1	-0.000034	**-0.0137**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3399009	58715	1.7	3399008.873549		ug/L
	Sn	120	17270	19237	521	2.7	0.000195	**-0.0476**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	210	10	4.6	0.000035	**0.0030**	ug/L
	Ce	140	36	50	3	5.3	0.000003	**0.0006**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	112.471
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	109.961
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	107.541
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121703-BLK2

Sample Description:
Batch ID: B121703

Sample Date/Time: Friday, September 14, 2012 20:02:18
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 148

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121703-BLK2.124
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	230	19	8.2	0.000040	**-0.2012**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	44202	181	0.4	-0.023322	**-85.9469**	ug/L
>	Sc	45	1256607	1398872	10163	0.7	1398871.895191		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2941	69	2.3	-0.002660	**-0.2549**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	531	23	4.4	0.000092	**0.0064**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	142	5	3.2	0.000107	**0.0214**	ug/L
	Cu	63	85	299	18	5.9	0.000266	**0.0345**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	774249	4921	0.6	774249.364730		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	89	11	12.6	-0.000008	**-0.1778**	ug/L
	Se	82	-3	5	7	133.7	0.000002	**0.0510**	ug/L
	Sr	88	94	120	6	5.1	0.000005	**-0.0030**	ug/L
	Y	89	67						ug/L
	Mo	98	144	35	2	5.1	-0.000036	**-0.0144**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3466536	18721	0.5	3466535.537597		ug/L
	Sn	120	17270	19492	363	1.9	0.000158	**-0.0579**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	157	5	3.2	0.000018	**0.0009**	ug/L
	Ce	140	36	52	6	11.3	0.000004	**0.0006**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	111.321
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	109.170
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	109.678
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121703-BLK3

Sample Description:
Batch ID: B121703

Sample Date/Time: Friday, September 14, 2012 20:04:15
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 149

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121703-BLK3.125
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	220	10	4.7	0.000032	**-0.2040**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	44484	334	0.8	-0.023408	**-86.2828**	ug/L
>	Sc	45	1256607	1412833	45192	3.2	1412832.937558		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2944	37	1.2	-0.002678	**-0.2567**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	566	12	2.1	0.000114	**0.0084**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	48	7	14.0	-0.000014	**-0.0102**	ug/L
	Cu	63	85	83	2	1.8	-0.000012	**-0.0015**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	768768	19884	2.6	768767.799193		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	91	9	9.4	-0.000006	**-0.1530**	ug/L
	Se	82	-3	9	3	34.4	0.000003	**0.0678**	ug/L
	Sr	88	94	123	13	10.4	0.000006	**-0.0028**	ug/L
	Y	89	67						ug/L
	Mo	98	144	33	2	6.2	-0.000036	**-0.0145**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3409209	142903	4.2	3409208.619281		ug/L
	Sn	120	17270	19691	223	1.1	0.000320	**-0.0123**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	172	12	7.0	0.000023	**0.0015**	ug/L
	Ce	140	36	46	5	10.3	0.000002	**0.0005**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	112.432
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	108.397
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	107.864
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121703-BLK4

Sample Description:
Batch ID: B121703

Sample Date/Time: Friday, September 14, 2012 20:06:11
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 150

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121703-BLK4.126
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	297	4	1.2	0.000095	**-0.1834**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	45299	120	0.3	-0.021627	**-79.3509**	ug/L
>	Sc	45	1256607	1362756	64871	4.8	1362755.967325		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2994	57	1.9	-0.002564	**-0.2447**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	607	7	1.1	0.000159	**0.0125**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	43	2	4.8	-0.000018	**-0.0114**	ug/L
	Cu	63	85	84	14	16.2	-0.000009	**-0.0011**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	752741	26749	3.6	752740.621072		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	95	23	24.3	-0.000005	**-0.1181**	ug/L
	Se	82	-3	-4	16	416.3	-0.000000	**0.0106**	ug/L
	Sr	88	94	118	8	7.0	0.000005	**-0.0029**	ug/L
	Y	89	67						ug/L
	Mo	98	144	44	4	9.7	-0.000032	**-0.0128**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3349372	149721	4.5	3349371.751473		ug/L
	Sn	120	17270	18792	1002	5.3	0.000145	**-0.0616**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	171	10	5.6	0.000024	**0.0016**	ug/L
	Ce	140	36	47	6	12.2	0.000003	**0.0005**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	108.447
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	106.138
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	105.971
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121703-BS1

Sample Description:
Batch ID: B121703

Sample Date/Time: Friday, September 14, 2012 20:08:07
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 151

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121703-BS1.127
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	269807	4892	1.8	0.188564	**61.8662**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	274976	3235	1.2	0.137383	**539.2324**	ug/L
>	Sc	45	1256607	1432774	75983	5.3	1432773.750331		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	42441	1217	2.9	0.024915	**2.6474**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	16583	469	2.8	0.011319	**1.0219**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	6019	303	5.0	0.007609	**1.9854**	ug/L
	Cu	63	85	12235	294	2.4	0.015497	**2.0069**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	784551	29261	3.7	784551.276562		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	663	18	2.7	0.000158	**3.3691**	ug/L
	Se	82	-3	812	50	6.2	0.000235	**3.5768**	ug/L
	Sr	88	94	29449	617	2.1	0.008449	**1.0268**	ug/L
	Y	89	67						ug/L
	Mo	98	144	2752	136	4.9	0.000747	**0.3846**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3480135	176180	5.1	3480135.198573		ug/L
	Sn	120	17270	55962	859	1.5	0.010636	**2.8919**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	26949	285	1.1	0.007727	**0.9609**	ug/L
	Ce	140	36	6567	40	0.6	0.001879	**0.1877**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	114.019
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	110.623
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	110.108
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233033-01RE2

Sample Description: 5x

Batch ID: B121703

Sample Date/Time: Friday, September 14, 2012 20:10:04
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 152

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1233033-01RE2.128
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	6376041	160882	2.5	4.844831	**7974.2114**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	1605003	37842	2.4	1.164771	**22680.0303**	ug/L
>	Sc	45	1256607	1316461	22414	1.7	1316460.669935		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4125	64	1.6	-0.001630	**-0.7320**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	222177	6578	3.0	0.168571	**76.2237**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	279	10	3.6	0.000307	**0.3683**	ug/L
	Cu	63	85	548	15	2.7	0.000631	**0.4089**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	728599	3238	0.4	728598.598893		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	87	10	11.3	-0.000006	**-0.7219**	ug/L
	Se	82	-3	18	26	141.0	0.000006	**0.5735**	ug/L
	Sr	88	94	624425	8001	1.3	0.194659	**118.6861**	ug/L
	Y	89	67						ug/L
	Mo	98	144	172	14	8.3	0.000008	**0.0389**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3208031	44951	1.4	3208031.245972		ug/L
	Sn	120	17270	17303	187	1.1	-0.000070	**-0.6112**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	156074	3973	2.5	0.048641	**30.2791**	ug/L
	Ce	140	36	1569	43	2.7	0.000478	**0.2395**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	104.763
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	102.734
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	101.499
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233033-02RE2

Sample Description: 5x

Batch ID: B121703

Sample Date/Time: Friday, September 14, 2012 20:12:00
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 153

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1233033-02RE2.129
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	1067439	19730	1.8	0.789115	**1297.9226**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	249685	2776	1.1	0.129680	**2546.3269**	ug/L
>	Sc	45	1256607	1352618	12686	0.9	1352618.081474		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3414	12	0.4	-0.002239	**-1.0526**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	154377	1961	1.3	0.113855	**51.4795**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	206	11	5.3	0.000197	**0.2246**	ug/L
	Cu	63	85	385	16	4.2	0.000390	**0.2526**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	755379	5766	0.8	755378.619272		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	96	6	6.3	-0.000004	**-0.4761**	ug/L
	Se	82	-3	4	14	385.5	0.000002	**0.2270**	ug/L
	Sr	88	94	54051	1969	3.6	0.016490	**10.0375**	ug/L
	Y	89	67						ug/L
	Mo	98	144	191	28	14.7	0.000013	**0.0509**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3271539	98232	3.0	3271538.709851		ug/L
	Sn	120	17270	17829	571	3.2	-0.000015	**-0.5330**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	69240	945	1.4	0.021145	**13.1592**	ug/L
	Ce	140	36	671	13	2.0	0.000194	**0.0979**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	107.640
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	106.510
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	103.508
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121703-DUP1

Sample Description: 5x
Batch ID: B121703

Sample Date/Time: Friday, September 14, 2012 20:13:56
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 154

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121703-DUP1.130
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	1087117	16067	1.5	0.806297	**1326.2079**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	251791	2388	0.9	0.131853	**2588.6069**	ug/L
>	Sc	45	1256607	1349147	40588	3.0	1349146.842104		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3382	86	2.5	-0.002254	**-1.0605**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	153723	4302	2.8	0.113785	**51.4479**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	202	14	6.7	0.000194	**0.2213**	ug/L
	Cu	63	85	384	10	2.7	0.000392	**0.2542**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	749240	9919	1.3	749240.144521		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	83	3	3.6	-0.000008	**-0.9363**	ug/L
	Se	82	-3	-12	5	38.2	-0.000003	**-0.1255**	ug/L
	Sr	88	94	54131	1686	3.1	0.016370	**9.9646**	ug/L
	Y	89	67						ug/L
	Mo	98	144	199	7	3.6	0.000015	**0.0560**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3302733	78605	2.4	3302732.624625		ug/L
	Sn	120	17270	17746	585	3.3	-0.000092	**-0.6417**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	68966	1558	2.3	0.020863	**12.9834**	ug/L
	Ce	140	36	706	22	3.1	0.000203	**0.1023**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	107.364
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	105.644
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	104.495
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121703-MS1

Sample Description: 5x
Batch ID: B121703

Sample Date/Time: Friday, September 14, 2012 20:15:52
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 155

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121703-MS1.131
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	2163638	35946	1.7	1.603180	**2637.9900**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	1310999	10549	0.8	0.916775	**17856.2258**	ug/L
>	Sc	45	1256607	1349509	24127	1.8	1349509.006641		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	190721	3432	1.8	0.136564	**71.9929**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	227559	1449	0.6	0.168376	**76.1355**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	28567	665	2.3	0.037709	**49.3301**	ug/L
	Cu	63	85	57867	1053	1.8	0.076424	**49.4839**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	756068	18267	2.4	756068.117371		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	3203	83	2.6	0.000928	**99.4245**	ug/L
	Se	82	-3	4193	82	2.0	0.001259	**95.6149**	ug/L
	Sr	88	94	190686	6220	3.3	0.057162	**34.8398**	ug/L
	Y	89	67						ug/L
	Mo	98	144	12674	223	1.8	0.003756	**9.5977**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3333816	32282	1.0	3333815.806333		ug/L
	Sn	120	17270	188405	2180	1.2	0.051055	**71.3547**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	194757	2955	1.5	0.058392	**36.3503**	ug/L
	Ce	140	36	32009	262	0.8	0.009591	**4.7848**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	107.393
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	106.607
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	105.479
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121703-MSD1

Sample Description: 5x
Batch ID: B121703

Sample Date/Time: Friday, September 14, 2012 20:17:47
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 156

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121703-MSD1.132
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	2146842	30106	1.4	1.612157	**2652.7674**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	1319238	10810	0.8	0.935815	**18226.5773**	ug/L
>	Sc	45	1256607	1331608	4545	0.3	1331608.107004		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	192119	4913	2.6	0.139522	**73.5496**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	231459	4692	2.0	0.173541	**78.4713**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	28740	764	2.7	0.038668	**50.5858**	ug/L
	Cu	63	85	58200	1476	2.5	0.078338	**50.7230**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	742080	11792	1.6	742080.131345		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	3158	52	1.6	0.000938	**100.5820**	ug/L
	Se	82	-3	4349	119	2.7	0.001339	**101.7083**	ug/L
	Sr	88	94	190970	6735	3.5	0.058735	**35.7986**	ug/L
	Y	89	67						ug/L
	Mo	98	144	13081	45	0.3	0.003979	**10.1653**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3251258	54533	1.7	3251258.153901		ug/L
	Sn	120	17270	191341	3651	1.9	0.053408	**74.6674**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	193974	4436	2.3	0.059657	**37.1377**	ug/L
	Ce	140	36	32174	969	3.0	0.009890	**4.9339**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	105.969
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	104.634
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	102.867
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV5

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 20:19:46
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCV5.133
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	823981	32920	4.0	0.637276	**209.5951**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	402213	17172	4.3	0.256206	**1001.4829**	ug/L
>	Sc	45	1256607	1292424	18476	1.4	1292423.587145		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	64567	2940	4.6	0.045180	**4.7804**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	37550	658	1.8	0.028766	**2.5999**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	14189	453	3.2	0.019234	**5.0291**	ug/L
	Cu	63	85	29177	858	2.9	0.039587	**5.1264**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	734777	4014	0.5	734777.414879		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	1607	78	4.8	0.000472	**10.1053**	ug/L
	Se	82	-3	2142	77	3.6	0.000674	**10.2424**	ug/L
	Sr	88	94	138770	3536	2.5	0.043570	**5.3102**	ug/L
	Y	89	67						ug/L
	Mo	98	144	3222	111	3.5	0.000967	**0.4967**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3183514	29814	0.9	3183514.124946		ug/L
	Sn	120	17270	46778	933	2.0	0.009232	**2.4966**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	63171	1414	2.2	0.019820	**2.4668**	ug/L
	Ce	140	36	16191	696	4.3	0.005076	**0.5066**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	102.850
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	103.605
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	100.723
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB5

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 20:21:43
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCB5.134
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	791	37	4.7	0.000471	**-0.0595**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	42502	407	1.0	-0.022969	**-84.5726**	ug/L
>	Sc	45	1256607	1330260	19050	1.4	1330260.011540		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2765	54	2.0	-0.002684	**-0.2574**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	400	8	2.0	0.000013	**-0.0007**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	43	1	1.3	-0.000018	**-0.0114**	ug/L
	Cu	63	85	93	15	15.8	0.000002	**0.0003**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	755039	3661	0.5	755039.249646		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	95	9	9.5	-0.000004	**-0.1087**	ug/L
	Se	82	-3	-2	16	728.8	0.000000	**0.0201**	ug/L
	Sr	88	94	132	14	10.4	0.000010	**-0.0023**	ug/L
	Y	89	67						ug/L
	Mo	98	144	61	9	15.3	-0.000027	**-0.0101**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3282858	62402	1.9	3282858.089917		ug/L
	Sn	120	17270	18015	321	1.8	0.000024	**-0.0958**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	112	12	10.4	0.000007	**-0.0005**	ug/L
	Ce	140	36	30	4	13.3	-0.000002	**0.0000**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	105.861
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	106.462
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	103.866
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233033-03RE2
Sample Description: 5x
Batch ID: B121703

Sample Date/Time: Friday, September 14, 2012 20:23:43
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 157

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1233033-03RE2.135
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	7916035	158550	2.0	5.984489	**9850.2498**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	3481061	60344	1.7	2.576828	**50146.1609**	ug/L
>	Sc	45	1256607	1322666	14949	1.1	1322665.551698		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3131	22	0.7	-0.002395	**-1.1348**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	381188	4585	1.2	0.287908	**130.1917**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	117	7	6.0	0.000081	**0.0733**	ug/L
	Cu	63	85	241	29	12.2	0.000202	**0.1312**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	745061	9786	1.3	745061.454405		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	99	14	14.1	-0.000003	**-0.3961**	ug/L
	Se	82	-3	14	14	101.1	0.000005	**0.4703**	ug/L
	Sr	88	94	884198	21955	2.5	0.269259	**164.1776**	ug/L
	Y	89	67						ug/L
	Mo	98	144	72	9	13.1	-0.000024	**-0.0421**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3283141	31782	1.0	3283141.074418		ug/L
	Sn	120	17270	18129	145	0.8	0.000058	**-0.4309**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	372137	5805	1.6	0.113321	**70.5508**	ug/L
	Ce	140	36	285	9	3.2	0.000076	**0.0389**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	105.257
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	105.055
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	103.875
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233033-01RE3
Sample Description:
Batch ID: B121703

Sample Date/Time: Friday, September 14, 2012 20:25:40
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 426

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1233033-01RE3.136
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	34134119	1519149	4.5	24.472609	**8056.8671**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	7872045	340443	4.3	5.589217	**21748.1114**	ug/L
>	Sc	45	1256607	1394943	13235	0.9	1394943.248680		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	9007	216	2.4	0.001694	**0.2034**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1177614	39816	3.4	0.843981	**76.3331**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	1387	52	3.8	0.001735	**0.4477**	ug/L
	Cu	63	85	2711	56	2.1	0.003420	**0.4429**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	765833	3351	0.4	765833.438015		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	124	13	10.7	0.000003	**0.0567**	ug/L
	Se	82	-3	49	19	38.3	0.000015	**0.2467**	ug/L
	Sr	88	94	3367027	92854	2.8	0.994432	**121.2783**	ug/L
	Y	89	67						ug/L
	Mo	98	144	792	15	1.8	0.000188	**0.0998**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3386033	26115	0.8	3386032.598720		ug/L
	Sn	120	17270	18616	250	1.3	0.000034	**-0.0930**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	824742	37265	4.5	0.243585	**30.3316**	ug/L
	Ce	140	36	8224	353	4.3	0.002418	**0.2414**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	111.009
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	107.984
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	107.131
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233033-02RE3
Sample Description:
Batch ID: B121703

Sample Date/Time: Friday, September 14, 2012 20:27:36
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 427

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1233033-02RE3.137
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	5204137	135671	2.6	3.711238	**1221.6310**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	1117875	31975	2.9	0.742253	**2892.3135**	ug/L
>	Sc	45	1256607	1402332	10120	0.7	1402332.033464		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	5543	99	1.8	-0.000810	**-0.0601**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	799360	16941	2.1	0.569797	**51.5342**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	880	50	5.7	0.001072	**0.2741**	ug/L
	Cu	63	85	1773	106	6.0	0.002191	**0.2838**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	766835	1842	0.2	766835.063957		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	96	9	8.9	-0.000005	**-0.1196**	ug/L
	Se	82	-3	13	3	25.7	0.000005	**0.0900**	ug/L
	Sr	88	94	281385	6808	2.4	0.083129	**10.1349**	ug/L
	Y	89	67						ug/L
	Mo	98	144	927	18	1.9	0.000228	**0.1202**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3383605	50338	1.5	3383604.673721		ug/L
	Sn	120	17270	17629	58	0.3	-0.000253	**-0.1738**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	352322	9457	2.7	0.104091	**12.9608**	ug/L
	Ce	140	36	3405	62	1.8	0.000995	**0.0995**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	111.597
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	108.125
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	107.054
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121703-DUP2

Sample Description:

Batch ID: B121703

Sample Date/Time: Friday, September 14, 2012 20:29:32
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 428

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121703-DUP2.138
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	5339360	115883	2.2	3.770083	**1241.0045**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	1155542	24110	2.1	0.761021	**2965.3265**	ug/L
>	Sc	45	1256607	1416210	29730	2.1	1416209.845163		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	5673	118	2.1	-0.000757	**-0.0545**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	809511	19549	2.4	0.571291	**51.6693**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	888	51	5.7	0.001062	**0.2715**	ug/L
	Cu	63	85	1837	52	2.8	0.002234	**0.2893**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	780119	7728	1.0	780118.808808		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	89	14	15.2	-0.000007	**-0.1686**	ug/L
	Se	82	-3	32	14	43.6	0.000010	**0.1685**	ug/L
	Sr	88	94	284806	3801	1.3	0.082992	**10.1182**	ug/L
	Y	89	67						ug/L
	Mo	98	144	923	31	3.3	0.000223	**0.1177**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3430781	51249	1.5	3430781.061000		ug/L
	Sn	120	17270	17425	521	3.0	-0.000386	**-0.2111**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	359228	6981	1.9	0.104701	**13.0367**	ug/L
	Ce	140	36	3470	79	2.3	0.001001	**0.1001**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	112.701
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	109.998
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	108.547
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121703-MS2

Sample Description:

Batch ID: B121703

Sample Date/Time: Friday, September 14, 2012 20:31:27
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 429

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121703-MS2.139
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	5418166	86475	1.6	3.966034	**1305.5172**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	1497787	18313	1.2	1.041452	**4056.2690**	ug/L
>	Sc	45	1256607	1366111	9007	0.7	1366111.245787		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	81219	1119	1.4	0.054688	**5.7811**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	783421	10569	1.3	0.573216	**51.8435**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	12231	346	2.8	0.015978	**4.1765**	ug/L
	Cu	63	85	24487	421	1.7	0.032020	**4.1465**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	761946	5248	0.7	761946.134086		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	1225	40	3.3	0.000330	**7.0734**	ug/L
	Se	82	-3	1646	76	4.6	0.000489	**7.4461**	ug/L
	Sr	88	94	323706	2171	0.7	0.096068	**11.7130**	ug/L
	Y	89	67						ug/L
	Mo	98	144	5947	175	2.9	0.001720	**0.8810**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3368807	34757	1.0	3368807.455143		ug/L
	Sn	120	17270	84573	724	0.9	0.019643	**5.4276**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	395271	1731	0.4	0.117314	**14.6074**	ug/L
	Ce	140	36	15577	71	0.5	0.004613	**0.4604**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	108.714
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	107.436
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	106.586
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121703-MSD2

Sample Description:

Batch ID: B121703

Sample Date/Time: Friday, September 14, 2012 20:33:23
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 430

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121703-MSD2.140
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	5462557	161727	3.0	3.990863	**1313.6916**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	1492778	45050	3.0	1.035705	**4033.9096**	ug/L
>	Sc	45	1256607	1368849	6684	0.5	1368848.987383		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	80794	1850	2.3	0.054264	**5.7364**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	779213	18670	2.4	0.569005	**51.4625**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	12165	496	4.1	0.015946	**4.1683**	ug/L
	Cu	63	85	24418	575	2.4	0.032044	**4.1496**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	759151	6425	0.8	759151.320481		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	1202	44	3.6	0.000325	**6.9612**	ug/L
	Se	82	-3	1602	69	4.3	0.000478	**7.2745**	ug/L
	Sr	88	94	322156	6545	2.0	0.096009	**11.7057**	ug/L
	Y	89	67						ug/L
	Mo	98	144	6047	213	3.5	0.001757	**0.8997**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3354732	46735	1.4	3354732.052105		ug/L
	Sn	120	17270	84725	1603	1.9	0.019791	**5.4693**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	386158	6920	1.8	0.115079	**14.3291**	ug/L
	Ce	140	36	15633	618	4.0	0.004648	**0.4639**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	108.932
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	107.042
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	106.140
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233033-03RE3
Sample Description:
Batch ID: B121703

Sample Date/Time: Friday, September 14, 2012 20:35:18
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 431

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1233033-03RE3.141
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	38532792	1142607	3.0	29.162293	**9600.8451**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	16763333	293326	1.7	12.632032	**49146.2731**	ug/L
>	Sc	45	1256607	1321494	11616	0.9	1321493.933339		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4558	82	1.8	-0.001313	**-0.1131**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1790600	57409	3.2	1.354960	**122.5494**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	425	30	7.0	0.000507	**0.1260**	ug/L
	Cu	63	85	924	20	2.1	0.001144	**0.1482**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	730321	309	0.0	730321.488927		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	131	13	10.1	0.000006	**0.1167**	ug/L
	Se	82	-3	25	20	81.5	0.000008	**0.1438**	ug/L
	Sr	88	94	4224232	117394	2.8	1.269391	**154.8125**	ug/L
	Y	89	67						ug/L
	Mo	98	144	179	15	8.4	0.000008	**0.0079**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3327299	54849	1.6	3327298.960346		ug/L
	Sn	120	17270	17987	722	4.0	-0.000060	**-0.1193**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1856491	75365	4.1	0.557781	**69.4575**	ug/L
	Ce	140	36	1499	358	23.9	0.000439	**0.0440**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	105.164
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	102.976
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	105.272
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV6

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 20:37:16
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCV6.142
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	825739	14899	1.8	0.630103	**207.2332**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	399409	7127	1.8	0.249921	**977.0293**	ug/L
>	Sc	45	1256607	1310184	18404	1.4	1310184.216677		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	64314	788	1.2	0.044329	**4.6907**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	37452	400	1.1	0.028303	**2.5580**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	14066	390	2.8	0.018931	**4.9496**	ug/L
	Cu	63	85	28467	685	2.4	0.038348	**4.9659**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	740043	5435	0.7	740042.991488		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	1638	54	3.3	0.000466	**9.9830**	ug/L
	Se	82	-3	2186	52	2.4	0.000667	**10.1408**	ug/L
	Sr	88	94	138588	3205	2.3	0.042204	**5.1436**	ug/L
	Y	89	67						ug/L
	Mo	98	144	3129	51	1.6	0.000908	**0.4668**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3282866	60033	1.8	3282866.292366		ug/L
	Sn	120	17270	46508	181	0.4	0.008706	**2.3484**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	64091	761	1.2	0.019501	**2.4270**	ug/L
	Ce	140	36	16554	297	1.8	0.005031	**0.5021**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	104.264
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	104.347
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	103.867
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB6

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 20:39:14
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCB6.143
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	786	18	2.3	0.000473	**-0.0588**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	42591	386	0.9	-0.022565	**-83.0002**	ug/L
>	Sc	45	1256607	1316622	30328	2.3	1316622.275234		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2881	69	2.4	-0.002575	**-0.2459**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	416	15	3.6	0.000029	**0.0007**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	46	9	19.0	-0.000013	**-0.0101**	ug/L
	Cu	63	85	90	4	4.6	0.000002	**0.0003**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	736282	10197	1.4	736282.202663		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	87	5	5.4	-0.000006	**-0.1531**	ug/L
	Se	82	-3	10	12	118.3	0.000004	**0.0757**	ug/L
	Sr	88	94	115	4	3.5	0.000005	**-0.0030**	ug/L
	Y	89	67						ug/L
	Mo	98	144	51	18	35.3	-0.000030	**-0.0116**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3266835	22154	0.7	3266834.605165		ug/L
	Sn	120	17270	17151	641	3.7	-0.000215	**-0.1630**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	105	12	11.1	0.000005	**-0.0007**	ug/L
	Ce	140	36	43	8	17.9	0.000002	**0.0004**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	104.776
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	103.817
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	103.359
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121546-BLK1

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 20:41:13
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 158

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121546-BLK1.144
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	953	55	5.8	0.000581	**-0.2339**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	43367	137	0.3	-0.022872	**-841.9488**	ug/L
>	Sc	45	1256607	1353177	10229	0.8	1353177.266267		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2846	24	0.8	-0.002659	**-2.5474**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	567	54	9.5	0.000132	**0.1000**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	60	6	10.4	0.000003	**-0.0584**	ug/L
	Cu	63	85	110	5	4.1	0.000024	**0.0309**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	761609	3114	0.4	761609.486640		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	93	5	5.3	-0.000006	**-1.3462**	ug/L
	Se	82	-3	-5	18	349.2	-0.000001	**0.0571**	ug/L
	Sr	88	94	134	5	3.8	0.000010	**-0.0238**	ug/L
	Y	89	67						ug/L
	Mo	98	144	35	3	10.1	-0.000035	**-0.1430**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3358362	29313	0.9	3358361.635931		ug/L
	Sn	120	17270	18595	283	1.5	0.000073	**-0.8200**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	139	12	8.3	0.000014	**0.0042**	ug/L
	Ce	140	36	35	11	32.2	-0.000001	**0.0017**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	107.685
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	107.388
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	106.255
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121546-BLK2

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 20:43:09
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 159

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121546-BLK2.145
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	1649	24	1.4	0.001091	**1.4480**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	43990	438	1.0	-0.022501	**-827.5203**	ug/L
>	Sc	45	1256607	1357178	21606	1.6	1357178.463951		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2793	42	1.5	-0.002704	**-2.5952**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	506	23	4.5	0.000086	**0.0583**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	48	5	11.0	-0.000013	**-0.1016**	ug/L
	Cu	63	85	98	10	10.2	0.000007	**0.0098**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	769741	10467	1.4	769741.213106		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	88	11	12.0	-0.000007	**-1.6716**	ug/L
	Se	82	-3	-5	3	58.7	-0.000001	**0.0599**	ug/L
	Sr	88	94	156	8	4.8	0.000016	**-0.0160**	ug/L
	Y	89	67						ug/L
	Mo	98	144	38	5	12.9	-0.000034	**-0.1384**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3373922	6150	0.2	3373921.682296		ug/L
	Sn	120	17270	18718	339	1.8	0.000084	**-0.7892**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	156	24	15.2	0.000019	**0.0103**	ug/L
	Ce	140	36	44	7	16.6	0.000002	**0.0043**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	108.003
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	108.535
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	106.748
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121546-BLK3

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 20:45:05
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 201

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121546-BLK3.146
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	2610	78	3.0	0.001673	**3.3618**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	45412	265	0.6	-0.023652	**-872.2939**	ug/L
>	Sc	45	1256607	1452785	28451	2.0	1452784.671309		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2824	11	0.4	-0.002818	**-2.7152**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	647	29	4.5	0.000158	**0.1240**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	56	6	10.7	-0.000005	**-0.0803**	ug/L
	Cu	63	85	94	3	3.2	-0.000002	**-0.0028**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	799564	4942	0.6	799563.826654		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	98	13	13.6	-0.000006	**-1.3622**	ug/L
	Se	82	-3	10	17	169.1	0.000004	**0.7315**	ug/L
	Sr	88	94	220	3	1.1	0.000032	**0.0031**	ug/L
	Y	89	67						ug/L
	Mo	98	144	36	3	9.3	-0.000036	**-0.1444**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3548027	11385	0.3	3548026.871616		ug/L
	Sn	120	17270	19321	347	1.8	-0.000019	**-1.0780**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	230	17	7.4	0.000038	**0.0334**	ug/L
	Ce	140	36	39	5	11.8	-0.000000	**0.0022**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	115.612
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	112.740
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	112.256
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121546-BLK4

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 20:47:01
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 202

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121546-BLK4.147
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	3744	160	4.3	0.002521	**6.1561**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	44878	450	1.0	-0.023210	**-855.1226**	ug/L
>	Sc	45	1256607	1415303	6778	0.5	1415303.321962		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2799	57	2.0	-0.002785	**-2.6799**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	564	16	2.8	0.000111	**0.0813**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	54	5	9.4	-0.000007	**-0.0860**	ug/L
	Cu	63	85	103	13	12.4	0.000011	**0.0146**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	786304	1931	0.2	786303.916073		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	88	14	16.0	-0.000008	**-1.9081**	ug/L
	Se	82	-3	14	8	54.7	0.000005	**0.9113**	ug/L
	Sr	88	94	177	27	15.2	0.000021	**-0.0108**	ug/L
	Y	89	67						ug/L
	Mo	98	144	36	9	25.8	-0.000035	**-0.1431**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3509393	14517	0.4	3509393.335307		ug/L
	Sn	120	17270	19253	254	1.3	0.000022	**-0.9633**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	168	14	8.3	0.000021	**0.0121**	ug/L
	Ce	140	36	38	5	12.0	-0.000001	**0.0019**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	112.629
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	110.870
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	111.034
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121546-BS1

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 20:48:57
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 203

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121546-BS1.148
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	2239	65	2.9	0.001448	**2.6208**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	44071	92	0.2	-0.023998	**-885.7562**	ug/L
>	Sc	45	1256607	1425288	14700	1.0	1425288.288759		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2732	49	1.8	-0.002846	**-2.7439**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	558	21	3.8	0.000105	**0.0755**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	6221	242	3.9	0.007825	**20.4201**	ug/L
	Cu	63	85	12496	659	5.3	0.015752	**20.3981**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	787189	9178	1.2	787188.732796		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	364	7	1.9	0.000070	**14.8983**	ug/L
	Se	82	-3	415	7	1.6	0.000119	**18.1812**	ug/L
	Sr	88	94	166	7	4.2	0.000017	**-0.0149**	ug/L
	Y	89	67						ug/L
	Mo	98	144	30	4	13.4	-0.000037	**-0.1516**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3523182	27817	0.8	3523181.652618		ug/L
	Sn	120	17270	20193	1190	5.9	0.000269	**-0.2674**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	177	11	6.2	0.000023	**0.0153**	ug/L
	Ce	140	36	43	3	7.2	0.000001	**0.0033**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	113.424
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	110.995
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	111.470
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121546-SRM1

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 20:50:52
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 204

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121546-SRM1.149
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	2335532	57083	2.4	1.571225	**5170.7751**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	654052	14750	2.3	0.385120	**15029.8431**	ug/L
>	Sc	45	1256607	1486249	11267	0.8	1486249.494620		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	14679	623	4.2	0.005112	**5.6314**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	32744	1376	4.2	0.021740	**19.6440**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	29952	985	3.3	0.036270	**94.8935**	ug/L
	Cu	63	85	61067	2374	3.9	0.073981	**95.8043**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	824063	3281	0.4	824063.102500		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	474	13	2.6	0.000100	**21.3015**	ug/L
	Se	82	-3	550	24	4.4	0.000155	**23.7403**	ug/L
	Sr	88	94	175271	5361	3.1	0.049195	**59.9628**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1272	7	0.5	0.000312	**1.6264**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3560302	32435	0.9	3560301.837027		ug/L
	Sn	120	17270	20808	787	3.8	0.000380	**0.0457**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	72335	1604	2.2	0.020290	**25.2531**	ug/L
	Ce	140	36	8908	280	3.1	0.002491	**2.4868**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	118.275
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	116.194
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	112.644
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121546-SRM2

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 20:52:48
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 205

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121546-SRM2.150
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	10429888	524080	5.0	7.329880	**24129.9134**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	3250530	85156	2.6	2.228561	**86743.9283**	ug/L
>	Sc	45	1256607	1424840	39332	2.8	1424839.783390		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4602	247	5.4	-0.001528	**-1.3573**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	922900	21272	2.3	0.648015	**586.0872**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	6898	279	4.0	0.008624	**22.5132**	ug/L
	Cu	63	85	13646	476	3.5	0.017092	**22.1345**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	793057	8327	1.1	793056.926741		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	147	14	9.8	0.000009	**1.7819**	ug/L
	Se	82	-3	44	20	44.1	0.000013	**2.2089**	ug/L
	Sr	88	94	1000184	39150	3.9	0.286239	**349.0632**	ug/L
	Y	89	67						ug/L
	Mo	98	144	222	6	2.6	0.000018	**0.1283**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3495798	54344	1.6	3495797.775555		ug/L
	Sn	120	17270	20661	447	2.2	0.000447	**0.2337**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1913998	52701	2.8	0.547729	**682.0570**	ug/L
	Ce	140	36	207044	8326	4.0	0.059249	**59.1058**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	113.388
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	111.822
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	110.604
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-01
Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 20:54:43
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 206

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-01.151
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	46050	1777	3.9	0.028101	**90.3725**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	68776	5577	8.1	-0.012416	**-435.1811**	ug/L
>	Sc	45	1256607	1679758	354935	21.1	1679757.505839		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2855	47	1.6	-0.003019	**-2.9263**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	4525	230	5.1	0.002498	**2.2400**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	1606	574	35.7	0.001790	**4.6189**	ug/L
	Cu	63	85	3212	1274	39.7	0.003630	**4.7005**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	933715	217226	23.3	933715.055654		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	86	15	17.2	-0.000011	**-2.4838**	ug/L
	Se	82	-3	4	5	131.8	0.000002	**0.4643**	ug/L
	Sr	88	94	8878	2267	25.5	0.002297	**2.7654**	ug/L
	Y	89	67						ug/L
	Mo	98	144	51	4	7.7	-0.000033	**-0.1297**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4085222	955440	23.4	4085221.682649		ug/L
	Sn	120	17270	21645	4384	20.3	-0.000138	**-1.4145**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	3513	501	14.3	0.000845	**1.0390**	ug/L
	Ce	140	36	225	282	125.5	0.000036	**0.0382**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	133.674
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	131.655
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	129.252
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-02

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 20:56:37
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 207

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-02.152
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	54511	8233	15.1	0.037220	**120.3952**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	78559	5714	7.3	-0.001193	**1.4074**	ug/L
>	Sc	45	1256607	1465960	58921	4.0	1465959.813019		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2870	27	0.9	-0.002802	**-2.6984**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	4124	515	12.5	0.002536	**2.2747**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	2424	313	12.9	0.002915	**7.5646**	ug/L
	Cu	63	85	4960	673	13.6	0.006000	**7.7700**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	815284	41135	5.0	815283.994028		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	110	15	13.7	-0.000002	**-0.5533**	ug/L
	Se	82	-3	24	5	19.2	0.000007	**1.3050**	ug/L
	Sr	88	94	18172	2360	13.0	0.005135	**6.2264**	ug/L
	Y	89	67						ug/L
	Mo	98	144	58	7	11.4	-0.000029	**-0.1122**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3528608	114366	3.2	3528607.572845		ug/L
	Sn	120	17270	18985	387	2.0	-0.000079	**-1.2480**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1567	170	10.8	0.000418	**0.5072**	ug/L
	Ce	140	36	60	11	17.8	0.000006	**0.0081**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	116.660
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	114.956
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	111.642
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-03

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 20:58:32
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 208

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-03.153
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	71033	1888	2.7	0.049864	**162.0213**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	93368	1367	1.5	0.010800	**467.9450**	ug/L
>	Sc	45	1256607	1421130	40554	2.9	1421129.539307		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2786	35	1.3	-0.002801	**-2.6970**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	10925	411	3.8	0.007400	**6.6743**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	2452	80	3.2	0.003070	**7.9718**	ug/L
	Cu	63	85	4999	204	4.1	0.006293	**8.1495**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	779196	11592	1.5	779195.631837		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	99	5	5.2	-0.000004	**-0.9872**	ug/L
	Se	82	-3	3	1	52.6	0.000002	**0.4204**	ug/L
	Sr	88	94	25634	526	2.1	0.007517	**9.1315**	ug/L
	Y	89	67						ug/L
	Mo	98	144	56	9	15.3	-0.000029	**-0.1114**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3398004	97810	2.9	3398004.073507		ug/L
	Sn	120	17270	18109	568	3.1	-0.000135	**-1.4044**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	3202	167	5.2	0.000915	**1.1260**	ug/L
	Ce	140	36	135	13	9.7	0.000028	**0.0308**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	113.093
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	109.868
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	107.510
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV7

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 21:00:30
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCV7.154
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	7762056	197257	2.5	5.855158	**1927.4707**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	767406	25783	3.4	0.523869	**2042.7512**	ug/L
>	Sc	45	1256607	1325801	29461	2.2	1325800.738211		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	126875	5653	4.5	0.090911	**9.5936**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	381481	17878	4.7	0.287352	**25.9880**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	28819	960	3.3	0.038806	**10.1533**	ug/L
	Cu	63	85	58200	2088	3.6	0.078388	**10.1511**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	741222	13150	1.8	741221.996868		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	3264	49	1.5	0.000985	**21.1205**	ug/L
	Se	82	-3	4354	164	3.8	0.001359	**20.6406**	ug/L
	Sr	88	94	278829	2997	1.1	0.086959	**10.6020**	ug/L
	Y	89	67						ug/L
	Mo	98	144	31514	522	1.7	0.009787	**4.9959**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3206465	63746	2.0	3206464.578151		ug/L
	Sn	120	17270	75231	739	1.0	0.018004	**4.9663**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	623708	14134	2.3	0.194562	**24.2269**	ug/L
	Ce	140	36	30934	1048	3.4	0.009639	**0.9618**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	105.506
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	104.513
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	101.449
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB7

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 21:02:28
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCB7.155
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	825	48	5.9	0.000506	**-0.0480**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	41335	100	0.2	-0.023394	**-86.2248**	ug/L
>	Sc	45	1256607	1311481	28349	2.2	1311480.587892		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2629	57	2.2	-0.002758	**-0.2651**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	418	16	3.7	0.000032	**0.0010**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	45	8	17.8	-0.000014	**-0.0104**	ug/L
	Cu	63	85	77	9	11.7	-0.000015	**-0.0020**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	733339	14426	2.0	733338.542884		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	85	13	15.0	-0.000006	**-0.1518**	ug/L
	Se	82	-3	11	12	108.6	0.000004	**0.0824**	ug/L
	Sr	88	94	109	7	6.7	0.000005	**-0.0030**	ug/L
	Y	89	67						ug/L
	Mo	98	144	167	14	8.2	0.000007	**0.0073**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3174549	58781	1.9	3174548.847837		ug/L
	Sn	120	17270	16022	699	4.4	-0.000419	**-0.2204**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	105	5	4.9	0.000006	**-0.0006**	ug/L
	Ce	140	36	31	8	26.4	-0.000002	**0.0001**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	104.367
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	103.402
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	100.440
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-04

Sample Description: 10x

Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:04:28
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 209

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-04.156
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	55494	1909	3.4	0.040151	**130.0448**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	77162	1142	1.5	0.001099	**90.5813**	ug/L
>	Sc	45	1256607	1377784	39568	2.9	1377783.988677		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2712	46	1.7	-0.002793	**-2.6889**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	4052	108	2.7	0.002655	**2.3825**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	2050	61	3.0	0.002600	**6.7411**	ug/L
	Cu	63	85	4214	98	2.3	0.005378	**6.9649**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	766464	12865	1.7	766464.454748		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	98	10	10.4	-0.000004	**-0.9373**	ug/L
	Se	82	-3	17	13	75.3	0.000006	**1.0657**	ug/L
	Sr	88	94	7687	76	1.0	0.002294	**2.7618**	ug/L
	Y	89	67						ug/L
	Mo	98	144	123	16	13.0	-0.000008	**-0.0053**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3308347	62686	1.9	3308347.201186		ug/L
	Sn	120	17270	17229	617	3.6	-0.000256	**-1.7470**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	2143	77	3.6	0.000620	**0.7591**	ug/L
	Ce	140	36	72	6	7.6	0.000011	**0.0130**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	109.643
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	108.073
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	104.673
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-05

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:06:23
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 210

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-05.157
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	84748	2277	2.7	0.060366	**196.5985**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	118025	2602	2.2	0.029330	**1188.8252**	ug/L
>	Sc	45	1256607	1401114	42182	3.0	1401114.496225		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3007	46	1.5	-0.002615	**-2.5009**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	7238	252	3.5	0.004878	**4.3930**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	1982	43	2.2	0.002450	**6.3475**	ug/L
	Cu	63	85	3880	84	2.2	0.004825	**6.2481**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	784561	8228	1.0	784560.631753		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	105	8	7.4	-0.000002	**-0.6415**	ug/L
	Se	82	-3	8	17	202.5	0.000003	**0.6517**	ug/L
	Sr	88	94	15132	328	2.2	0.004404	**5.3347**	ug/L
	Y	89	67						ug/L
	Mo	98	144	145	18	12.1	-0.000003	**0.0215**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3413322	53546	1.6	3413322.147617		ug/L
	Sn	120	17270	17658	184	1.0	-0.000290	**-1.8424**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	4695	8	0.2	0.001348	**1.6657**	ug/L
	Ce	140	36	94	13	13.5	0.000016	**0.0186**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	111.500
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	110.624
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	107.994
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-06

Sample Description: 10x

Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:08:19
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 211

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-06.158
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	55141	2232	4.0	0.038765	**125.4795**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	104722	2083	2.0	0.018964	**785.5760**	ug/L
>	Sc	45	1256607	1417614	41152	2.9	1417614.260963		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2706	73	2.7	-0.002852	**-2.7504**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	6051	280	4.6	0.003980	**3.5806**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	2389	145	6.1	0.002981	**7.7383**	ug/L
	Cu	63	85	4668	163	3.5	0.005855	**7.5826**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	781209	16984	2.2	781209.007504		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	111	19	17.3	-0.000001	**-0.4122**	ug/L
	Se	82	-3	26	17	63.9	0.000008	**1.4585**	ug/L
	Sr	88	94	32406	1488	4.6	0.009349	**11.3658**	ug/L
	Y	89	67						ug/L
	Mo	98	144	115	9	8.0	-0.000012	**-0.0254**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3454486	114767	3.3	3454486.139542		ug/L
	Sn	120	17270	99692	2692	2.7	0.023399	**64.8515**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	3629	201	5.5	0.001023	**1.2604**	ug/L
	Ce	140	36	82	10	12.7	0.000012	**0.0148**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	112.813
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	110.152
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	109.297
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-07
Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:10:15
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 212

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-07.159
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	98051	4143	4.2	0.068250	**222.5540**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	108586	2368	2.2	0.020786	**856.4286**	ug/L
>	Sc	45	1256607	1434599	28380	2.0	1434599.431610		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2709	45	1.7	-0.002874	**-2.7736**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	18027	547	3.0	0.012282	**11.0891**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	2421	123	5.1	0.002914	**7.5639**	ug/L
	Cu	63	85	4881	177	3.6	0.005907	**7.6501**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	809696	19686	2.4	809696.125794		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	107	10	9.5	-0.000002	**-0.6855**	ug/L
	Se	82	-3	23	8	32.6	0.000007	**1.3038**	ug/L
	Sr	88	94	62381	2363	3.8	0.017824	**21.7026**	ug/L
	Y	89	67						ug/L
	Mo	98	144	66	12	18.6	-0.000027	**-0.0988**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3493280	73945	2.1	3493279.623613		ug/L
	Sn	120	17270	19186	488	2.5	0.000028	**-0.9466**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	7487	92	1.2	0.002117	**2.6222**	ug/L
	Ce	140	36	132	12	8.8	0.000026	**0.0288**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	114.164
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	114.168
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	110.524
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-08

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:12:11
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 213

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-08.160
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	181307	3503	1.9	0.125060	**409.5876**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	135033	2456	1.8	0.038321	**1538.5850**	ug/L
>	Sc	45	1256607	1448304	15285	1.1	1448303.731753		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2900	71	2.5	-0.002760	**-2.6542**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	31449	713	2.3	0.021427	**19.3609**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	2656	62	2.4	0.003305	**8.5873**	ug/L
	Cu	63	85	5289	56	1.1	0.006613	**8.5634**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	785628	11822	1.5	785627.657055		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	114	13	11.6	-0.000000	**-0.1711**	ug/L
	Se	82	-3	25	28	109.9	0.000008	**1.3980**	ug/L
	Sr	88	94	94255	1394	1.5	0.027348	**33.3184**	ug/L
	Y	89	67						ug/L
	Mo	98	144	55	4	7.1	-0.000030	**-0.1144**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3443195	52602	1.5	3443195.468049		ug/L
	Sn	120	17270	21020	76	0.4	0.000642	**0.7809**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	8413	291	3.5	0.002416	**2.9954**	ug/L
	Ce	140	36	426	27	6.3	0.000112	**0.1146**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	115.255
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	110.775
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	108.939
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-09

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:14:07
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 214

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-09.161
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	54974	1979	3.6	0.038551	**124.7759**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	89242	1139	1.3	0.007862	**353.6699**	ug/L
>	Sc	45	1256607	1421606	21950	1.5	1421605.836943		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2850	36	1.3	-0.002758	**-2.6512**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	24249	1109	4.6	0.016769	**15.1479**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	2221	96	4.3	0.002730	**7.0811**	ug/L
	Cu	63	85	4428	155	3.5	0.005473	**7.0882**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	791473	20135	2.5	791472.519931		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	111	8	7.2	-0.000001	**-0.3069**	ug/L
	Se	82	-3	8	7	88.6	0.000003	**0.6727**	ug/L
	Sr	88	94	13240	369	2.8	0.003854	**4.6638**	ug/L
	Y	89	67						ug/L
	Mo	98	144	65	5	7.2	-0.000027	**-0.0985**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3408938	48863	1.4	3408937.938454		ug/L
	Sn	120	17270	18408	277	1.5	-0.000064	**-1.2043**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	3642	58	1.6	0.001041	**1.2831**	ug/L
	Ce	140	36	164	5	3.0	0.000037	**0.0391**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	113.130
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	111.599
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	107.855
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-10
Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:16:02
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 215

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-10.162
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	178699	5631	3.2	0.123500	**404.4536**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	150593	2658	1.8	0.049277	**1964.8109**	ug/L
>	Sc	45	1256607	1445283	27822	1.9	1445283.466903		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2702	25	0.9	-0.002893	**-2.7933**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	12048	177	1.5	0.008050	**7.2619**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	2091	105	5.0	0.002583	**6.6951**	ug/L
	Cu	63	85	4142	128	3.1	0.005148	**6.6664**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	786301	22171	2.8	786300.574650		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	99	5	4.5	-0.000004	**-1.0512**	ug/L
	Se	82	-3	25	5	20.2	0.000008	**1.3817**	ug/L
	Sr	88	94	25907	914	3.5	0.007526	**9.1424**	ug/L
	Y	89	67						ug/L
	Mo	98	144	66	17	25.6	-0.000027	**-0.0978**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3428173	72636	2.1	3428172.682115		ug/L
	Sn	120	17270	25782	519	2.0	0.002057	**4.7655**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	5527	60	1.1	0.001585	**1.9606**	ug/L
	Ce	140	36	97	8	7.9	0.000017	**0.0193**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	115.015
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	110.870
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	108.464
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121546-DUP1

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:17:58
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 216

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121546-DUP1.163
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	251026	6193	2.5	0.174648	**572.8476**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	191592	3594	1.9	0.078471	**3100.5071**	ug/L
>	Sc	45	1256607	1436386	6064	0.4	1436385.679567		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2749	63	2.3	-0.002849	**-2.7474**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	16545	213	1.3	0.011231	**10.1394**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	2700	79	2.9	0.003368	**8.7502**	ug/L
	Cu	63	85	5410	95	1.8	0.006782	**8.7827**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	784096	12965	1.7	784095.788041		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	101	7	7.0	-0.000004	**-0.9829**	ug/L
	Se	82	-3	31	13	42.5	0.000010	**1.6529**	ug/L
	Sr	88	94	35323	655	1.9	0.010240	**12.4533**	ug/L
	Y	89	67						ug/L
	Mo	98	144	92	6	6.5	-0.000019	**-0.0592**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3439632	63124	1.8	3439631.503819		ug/L
	Sn	120	17270	28332	496	1.7	0.002773	**6.7820**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	7655	162	2.1	0.002199	**2.7245**	ug/L
	Ce	140	36	110	5	4.3	0.000021	**0.0232**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	114.307
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	110.559
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	108.827
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121546-MS1

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:19:54
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 217

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121546-MS1.164
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	170371	7623	4.5	0.118268	**387.2255**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	136317	4329	3.2	0.039786	**1595.5718**	ug/L
>	Sc	45	1256607	1440311	29474	2.0	1440310.639651		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2742	68	2.5	-0.002858	**-2.7574**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	11675	466	4.0	0.007824	**7.0578**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	16781	1067	6.4	0.020738	**54.2289**	ug/L
	Cu	63	85	34114	1697	5.0	0.042187	**54.6312**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	806954	14016	1.7	806954.303995		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	383	19	4.8	0.000076	**16.2187**	ug/L
	Se	82	-3	420	38	8.9	0.000121	**18.5611**	ug/L
	Sr	88	94	24055	1309	5.4	0.006858	**8.3277**	ug/L
	Y	89	67						ug/L
	Mo	98	144	74	5	7.4	-0.000024	**-0.0867**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3495654	69363	2.0	3495654.232692		ug/L
	Sn	120	17270	27940	431	1.5	0.002531	**6.1010**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	5147	268	5.2	0.001446	**1.7876**	ug/L
	Ce	140	36	92	2	1.7	0.000015	**0.0176**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	114.619
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	113.782
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	110.599
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121546-MSD1

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:21:49
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 218

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121546-MSD1.165
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	256870	7926	3.1	0.181086	**594.0412**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	202744	3524	1.7	0.088117	**3475.7526**	ug/L
>	Sc	45	1256607	1417372	16738	1.2	1417372.416338		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2748	104	3.8	-0.002823	**-2.7199**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	17757	581	3.3	0.012240	**11.0516**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	8274	230	2.8	0.010480	**27.3716**	ug/L
	Cu	63	85	16806	659	3.9	0.021320	**27.6096**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	783724	15211	1.9	783723.971125		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	396	27	6.7	0.000084	**17.9116**	ug/L
	Se	82	-3	404	29	7.2	0.000121	**18.4781**	ug/L
	Sr	88	94	35787	815	2.3	0.010574	**12.8606**	ug/L
	Y	89	67						ug/L
	Mo	98	144	85	6	6.9	-0.000020	**-0.0669**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3374639	63529	1.9	3374639.396611		ug/L
	Sn	120	17270	25635	1091	4.3	0.002130	**4.9721**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	8080	184	2.3	0.002367	**2.9339**	ug/L
	Ce	140	36	105	3	2.9	0.000020	**0.0222**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	112.794
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	110.506
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	106.770
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV8

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 21:23:47
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCV8.166
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	7882467	35832	0.5	5.709116	**1879.3894**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	776154	4267	0.5	0.507189	**1977.8632**	ug/L
>	Sc	45	1256607	1381603	43909	3.2	1381603.009200		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	127404	1965	1.5	0.087483	**9.2328**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	382461	6077	1.6	0.276717	**25.0262**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	29064	317	1.1	0.038016	**9.9464**	ug/L
	Cu	63	85	58602	618	1.1	0.076675	**9.9293**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	763089	6535	0.9	763089.454120		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	3256	72	2.2	0.000938	**20.1002**	ug/L
	Se	82	-3	4413	113	2.6	0.001317	**20.0021**	ug/L
	Sr	88	94	284563	6677	2.3	0.084833	**10.3427**	ug/L
	Y	89	67						ug/L
	Mo	98	144	31916	608	1.9	0.009471	**4.8345**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3354092	66499	2.0	3354092.261058		ug/L
	Sn	120	17270	76443	319	0.4	0.017332	**4.7771**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	619220	1681	0.3	0.184644	**22.9918**	ug/L
	Ce	140	36	31492	579	1.8	0.009378	**0.9357**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	109.947
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	107.597
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	106.120
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB8

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 21:25:45
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCB8.167
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	1008	58	5.8	0.000656	**0.0015**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	40055	284	0.7	-0.023947	**-88.3760**	ug/L
>	Sc	45	1256607	1295481	66346	5.1	1295480.535819		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2522	30	1.2	-0.002813	**-0.2710**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	402	22	5.5	0.000024	**0.0003**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	52	8	16.1	-0.000006	**-0.0083**	ug/L
	Cu	63	85	86	9	9.9	-0.000004	**-0.0005**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	743436	22238	3.0	743436.487994		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	90	9	10.2	-0.000005	**-0.1143**	ug/L
	Se	82	-3	5	18	391.9	0.000002	**0.0534**	ug/L
	Sr	88	94	119	9	7.1	0.000008	**-0.0026**	ug/L
	Y	89	67						ug/L
	Mo	98	144	165	21	12.7	0.000007	**0.0073**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3158903	124486	3.9	3158902.675754		ug/L
	Sn	120	17270	17495	2151	12.3	0.000071	**-0.0826**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	114	10	8.9	0.000009	**-0.0002**	ug/L
	Ce	140	36	35	2	4.9	-0.000000	**0.0002**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	103.094
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	104.826
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	99.945
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-11

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:27:44
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 219

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-11.168
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	37956	1694	4.5	0.026110	**83.8155**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	56345	882	1.6	-0.015957	**-572.9542**	ug/L
>	Sc	45	1256607	1446449	38269	2.6	1446448.534433		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2472	24	1.0	-0.003053	**-2.9617**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	4021	146	3.6	0.002492	**2.2351**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	1867	89	4.8	0.002262	**5.8562**	ug/L
	Cu	63	85	3644	134	3.7	0.004444	**5.7557**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	798201	6520	0.8	798200.939145		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	97	10	10.4	-0.000005	**-1.1615**	ug/L
	Se	82	-3	34	23	67.7	0.000011	**1.8123**	ug/L
	Sr	88	94	4685	292	6.2	0.001350	**1.6111**	ug/L
	Y	89	67						ug/L
	Mo	98	144	99	8	8.4	-0.000016	**-0.0464**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3392545	83922	2.5	3392545.343482		ug/L
	Sn	120	17270	18516	403	2.2	-0.000006	**-1.0407**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1160	21	1.8	0.000315	**0.3785**	ug/L
	Ce	140	36	63	20	31.9	0.000007	**0.0096**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	115.107
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	112.548
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	107.337
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-12

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:29:39
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 220

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-12.169
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	54498	1708	3.1	0.037553	**121.4899**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	83428	2072	2.5	0.002746	**154.6575**	ug/L
>	Sc	45	1256607	1447368	29791	2.1	1447367.927529		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2631	47	1.8	-0.002945	**-2.8484**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	8466	327	3.9	0.005564	**5.0135**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	2343	146	6.2	0.002859	**7.4196**	ug/L
	Cu	63	85	4775	194	4.1	0.005863	**7.5928**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	798851	19680	2.5	798851.366247		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	103	14	13.3	-0.000004	**-0.9319**	ug/L
	Se	82	-3	15	12	83.9	0.000005	**0.9507**	ug/L
	Sr	88	94	26121	898	3.4	0.007503	**9.1142**	ug/L
	Y	89	67						ug/L
	Mo	98	144	70	7	9.9	-0.000025	**-0.0926**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3473516	133443	3.8	3473515.821970		ug/L
	Sn	120	17270	18897	411	2.2	-0.000020	**-1.0825**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	2551	54	2.1	0.000708	**0.8687**	ug/L
	Ce	140	36	72	6	8.5	0.000009	**0.0118**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	115.181
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	112.639
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	109.899
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-13

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:31:34
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 221

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-13.170
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	44904	1105	2.5	0.030888	**99.5478**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	73348	349	0.5	-0.004263	**-118.0452**	ug/L
>	Sc	45	1256607	1447920	5525	0.4	1447919.804670		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2544	24	1.0	-0.003006	**-2.9123**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	5073	151	3.0	0.003216	**2.8900**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	1237	22	1.8	0.001477	**3.8005**	ug/L
	Cu	63	85	2483	70	2.8	0.002995	**3.8786**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	796962	2382	0.3	796962.455876		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	91	10	10.5	-0.000006	**-1.3473**	ug/L
	Se	82	-3	23	10	44.5	0.000008	**1.3256**	ug/L
	Sr	88	94	20643	180	0.9	0.006212	**7.5397**	ug/L
	Y	89	67						ug/L
	Mo	98	144	59	3	4.8	-0.000028	**-0.1052**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3307457	36480	1.1	3307457.235435	ug/L
	Sn	120	17270	20756	204	1.0	0.000812	**1.2616** ug/L
	Sb	121	224					ug/L
	Cs	133	20					ug/L
	Ba	138	86	1771	81	4.6	0.000508	**0.6196** ug/L
	Ce	140	36	66	8	11.8	0.000009	**0.0111** ug/L
>	Tm	169	2730830					ug/L
	Tl	205	25					ug/L
	Pb	208	143					ug/L
	Bi	209	261					ug/L
	Th	232	199					ug/L
	U	238	16					ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	115.225
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	112.373
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	104.645
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121546-DUP2

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:33:29
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 222

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121546-DUP2.171
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	61576	3661	5.9	0.042826	**138.8494**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	85274	2017	2.4	0.004554	**224.9880**	ug/L
>	Sc	45	1256607	1433923	9176	0.6	1433922.581525		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2619	22	0.8	-0.002936	**-2.8391**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	7307	462	6.3	0.004810	**4.3311**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	1808	106	5.9	0.002200	**5.6928**	ug/L
	Cu	63	85	3693	162	4.4	0.004527	**5.8626**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	794414	12852	1.6	794414.461738		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	98	7	6.6	-0.000005	**-1.1479**	ug/L
	Se	82	-3	18	15	84.7	0.000006	**1.0793**	ug/L
	Sr	88	94	28996	1609	5.5	0.008392	**10.1988**	ug/L
	Y	89	67						ug/L
	Mo	98	144	58	4	7.6	-0.000029	**-0.1097**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3447022	81500	2.4	3447021.910658		ug/L
	Sn	120	17270	22224	326	1.5	0.000987	**1.7541**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	2471	62	2.5	0.000690	**0.8459**	ug/L
	Ce	140	36	75	3	4.1	0.000011	**0.0130**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	114.111
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	112.014
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	109.060
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121546-MS2

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:35:24
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 223

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121546-MS2.172
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	51965	1995	3.8	0.035651	**115.2276**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	78449	1329	1.7	-0.000917	**12.1225**	ug/L
>	Sc	45	1256607	1455697	89119	6.1	1455696.521830		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2567	25	1.0	-0.002995	**-2.9007**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	6266	202	3.2	0.004025	**3.6212**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	7707	111	1.4	0.009715	**25.3683**	ug/L
	Cu	63	85	15807	434	2.7	0.019954	**25.8403**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	787625	21618	2.7	787625.403674		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	374	12	3.2	0.000075	**15.9228**	ug/L
	Se	82	-3	408	27	6.6	0.000119	**18.1751**	ug/L
	Sr	88	94	24896	665	2.7	0.007167	**8.7050**	ug/L
	Y	89	67						ug/L
	Mo	98	144	48	4	9.1	-0.000032	**-0.1251**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3462812	145851	4.2	3462811.625604		ug/L
	Sn	120	17270	20675	1241	6.0	0.000504	**0.3940**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	2180	43	2.0	0.000603	**0.7375**	ug/L
	Ce	140	36	76	14	17.8	0.000011	**0.0131**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	115.843
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	111.056
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	109.560
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121546-MSD2

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:37:19
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 224

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121546-MSD2.173
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	60426	1989	3.3	0.042465	**137.6613**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	84547	1668	2.0	0.004672	**229.5829**	ug/L
>	Sc	45	1256607	1418820	18764	1.3	1418820.379815		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2599	44	1.7	-0.002931	**-2.8337**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	6915	224	3.2	0.004587	**4.1295**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	7953	237	3.0	0.010105	**26.3902**	ug/L
	Cu	63	85	16213	214	1.3	0.020637	**26.7246**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	781104	10201	1.3	781103.664421		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	384	11	2.9	0.000080	**17.0984**	ug/L
	Se	82	-3	418	4	0.9	0.000124	**19.0525**	ug/L
	Sr	88	94	27526	844	3.1	0.008117	**9.8640**	ug/L
	Y	89	67						ug/L
	Mo	98	144	53	5	8.6	-0.000030	**-0.1149**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3378486	44679	1.3	3378486.345344		ug/L
	Sn	120	17270	21956	307	1.4	0.001036	**1.8922**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	2434	72	3.0	0.000693	**0.8499**	ug/L
	Ce	140	36	85	1	0.7	0.000014	**0.0162**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	112.909
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	110.137
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	106.892
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-27
Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:39:15
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 225

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-27.174
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	16665374	493028	3.0	11.891271	**39147.3151**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	7196506	146380	2.0	5.079306	**197644.4121**	ug/L
>	Sc	45	1256607	1402688	34437	2.5	1402687.968925		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4242	45	1.1	-0.001737	**-1.5768**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1754114	39128	2.2	1.251181	**1131.6290**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	126538	4597	3.6	0.164488	**430.5847**	ug/L
	Cu	63	85	258495	9238	3.6	0.336063	**435.1937**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	769987	26169	3.4	769986.887404		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	170	21	12.3	0.000016	**3.3314**	ug/L
	Se	82	-3	135	28	20.8	0.000040	**6.2568**	ug/L
	Sr	88	94	6795056	292160	4.3	1.980086	**2414.8949**	ug/L
	Y	89	67						ug/L
	Mo	98	144	2578	126	4.9	0.000706	**3.6367**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3435370	90703	2.6	3435370.331396		ug/L
	Sn	120	17270	21582	619	2.9	0.000820	**1.2844**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	231631	4614	2.0	0.067440	**83.9675**	ug/L
	Ce	140	36	1385	44	3.2	0.000392	**0.3937**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	111.625
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	108.569
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	108.692
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-28

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:41:11
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 226

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-28.175
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	416191	9454	2.3	0.290453	**954.1105**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	362219	6166	1.7	0.197971	**7749.3516**	ug/L
>	Sc	45	1256607	1432306	6650	0.5	1432305.998795		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3335	93	2.8	-0.002434	**-2.3111**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	703531	12104	1.7	0.490897	**443.9801**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	15855	480	3.0	0.019810	**51.7997**	ug/L
	Cu	63	85	32159	496	1.5	0.040217	**52.0808**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	797245	11869	1.5	797244.535295		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	99	14	14.1	-0.000005	**-1.2396**	ug/L
	Se	82	-3	6	24	386.7	0.000003	**0.5797**	ug/L
	Sr	88	94	143997	2681	1.9	0.040999	**49.9666**	ug/L
	Y	89	67						ug/L
	Mo	98	144	138	4	2.9	-0.000006	**0.0055**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3510533	83470	2.4	3510533.475763		ug/L
	Sn	120	17270	18664	423	2.3	-0.000145	**-1.4326**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	6376	85	1.3	0.001789	**2.2148**	ug/L
	Ce	140	36	424	12	2.8	0.000110	**0.1118**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	113.982
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	112.413
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	111.070
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-29

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:43:07
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 227

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-29.176
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	2053650	64302	3.1	1.481541	**4875.5123**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	652641	21788	3.3	0.416027	**16232.2027**	ug/L
>	Sc	45	1256607	1387307	37233	2.7	1387306.884747		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2939	27	0.9	-0.002643	**-2.5302**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	335785	10848	3.2	0.242003	**218.8644**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	15753	254	1.6	0.019976	**52.2323**	ug/L
	Cu	63	85	31411	460	1.5	0.039868	**51.6285**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	785956	20930	2.7	785955.561177		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	111	16	14.0	-0.000000	**-0.2356**	ug/L
	Se	82	-3	61	3	5.3	0.000019	**3.0184**	ug/L
	Sr	88	94	256941	2843	1.1	0.075867	**92.4923**	ug/L
	Y	89	67						ug/L
	Mo	98	144	459	20	4.3	0.000090	**0.4967**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3388625	110081	3.2	3388624.572706		ug/L
	Sn	120	17270	17963	772	4.3	-0.000163	**-1.4839**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	3583	69	1.9	0.001031	**1.2709**	ug/L
	Ce	140	36	261	18	6.8	0.000066	**0.0681**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	110.401
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	110.821
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	107.213
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV9

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 21:45:05
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCV9.177
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	8030637	125867	1.6	5.987103	**1970.9107**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	782781	15661	2.0	0.528577	**2061.0659**	ug/L
>	Sc	45	1256607	1341704	35044	2.6	1341704.098281		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	129811	2950	2.3	0.092000	**9.7082**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	384980	8737	2.3	0.286664	**25.9259**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	29219	461	1.6	0.038521	**10.0786**	ug/L
	Cu	63	85	59247	1359	2.3	0.078136	**10.1184**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	757072	13695	1.8	757072.346130		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	3256	101	3.1	0.000961	**20.5996**	ug/L
	Se	82	-3	4402	160	3.6	0.001344	**20.4167**	ug/L
	Sr	88	94	294139	6473	2.2	0.089732	**10.9402**	ug/L
	Y	89	67						ug/L
	Mo	98	144	32792	309	0.9	0.009965	**5.0862**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3276723	56911	1.7	3276722.657823		ug/L
	Sn	120	17270	76389	1651	2.2	0.017847	**4.9221**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	632632	19509	3.1	0.193023	**24.0352**	ug/L
	Ce	140	36	31437	247	0.8	0.009584	**0.9563**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	106.772
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	106.748
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	103.672
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB9

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 21:47:03
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCB9.178
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	1473	932	63.2	0.000963	**0.1025**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	39784	490	1.2	-0.025505	**-94.4375**	ug/L
>	Sc	45	1256607	1353059	28924	2.1	1353059.094301		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2474	14	0.6	-0.002934	**-0.2837**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	442	25	5.6	0.000040	**0.0017**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	47	10	21.6	-0.000014	**-0.0103**	ug/L
	Cu	63	85	78	3	3.2	-0.000017	**-0.0022**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	759349	24279	3.2	759349.327231		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	87	3	3.4	-0.000007	**-0.1578**	ug/L
	Se	82	-3	8	5	56.4	0.000003	**0.0672**	ug/L
	Sr	88	94	130	21	15.8	0.000010	**-0.0024**	ug/L
	Y	89	67						ug/L
	Mo	98	144	153	30	19.5	0.000001	**0.0042**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3283071	86648	2.6	3283071.353599		ug/L
	Sn	120	17270	17059	249	1.5	-0.000267	**-0.1776**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	147	61	41.6	0.000018	**0.0008**	ug/L
	Ce	140	36	31	3	9.4	-0.000002	**0.0001**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	107.676
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	107.069
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	103.873
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121546-DUP3

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:49:02
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 228

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121546-DUP3.179
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	2121780	84651	4.0	1.483531	**4882.0615**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	676161	13572	2.0	0.418026	**16309.9894**	ug/L
>	Sc	45	1256607	1430304	42284	3.0	1430304.012350		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2913	70	2.4	-0.002726	**-2.6179**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	363872	6985	1.9	0.254258	**229.9479**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	17191	241	1.4	0.021447	**56.0841**	ug/L
	Cu	63	85	35387	841	2.4	0.044177	**57.2078**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	798888	19523	2.4	798888.255933		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	105	6	5.7	-0.000003	**-0.7421**	ug/L
	Se	82	-3	70	6	9.0	0.000021	**3.3682**	ug/L
	Sr	88	94	267241	2660	1.0	0.077188	**94.1028**	ug/L
	Y	89	67						ug/L
	Mo	98	144	497	24	4.8	0.000098	**0.5360**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3464284	151565	4.4	3464283.965258		ug/L
	Sn	120	17270	18619	1971	10.6	-0.000099	**-1.3041**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	3868	145	3.7	0.001090	**1.3436**	ug/L
	Ce	140	36	283	28	10.0	0.000070	**0.0726**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	113.823
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	112.645
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	109.607
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121546-MS3
Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:50:58
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 229

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121546-MS3.180
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	1990668	61412	3.1	1.360380	**4476.6135**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	631401	30886	4.9	0.376698	**14702.2455**	ug/L
>	Sc	45	1256607	1465049	47133	3.2	1465049.053185		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2899	58	2.0	-0.002781	**-2.6763**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	320339	12400	3.9	0.218620	**197.7145**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	20492	833	4.1	0.025094	**65.6336**	ug/L
	Cu	63	85	41875	1811	4.3	0.051314	**66.4500**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	816394	39019	4.8	816393.752367		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	357	2	0.4	0.000068	**14.4319**	ug/L
	Se	82	-3	398	5	1.4	0.000114	**17.3972**	ug/L
	Sr	88	94	250011	11222	4.5	0.070799	**86.3107**	ug/L
	Y	89	67						ug/L
	Mo	98	144	452	19	4.1	0.000082	**0.4579**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3535777	116619	3.3	3535776.513553		ug/L
	Sn	120	17270	18887	786	4.2	-0.000123	**-1.3724**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	3352	104	3.1	0.000922	**1.1347**	ug/L
	Ce	140	36	255	13	5.2	0.000061	**0.0634**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	116.588
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	115.113
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	111.869
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121546-MSD3

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:52:54
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 230

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121546-MSD3.181
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	2172668	99716	4.6	1.506084	**4956.3124**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	702109	32550	4.6	0.431814	**16846.3628**	ug/L
>	Sc	45	1256607	1442140	14360	1.0	1442139.674355		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2951	37	1.3	-0.002716	**-2.6075**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	387204	20066	5.2	0.268134	**242.4986**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	26118	1208	4.6	0.032911	**86.1000**	ug/L
	Cu	63	85	52937	2955	5.6	0.066746	**86.4352**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	791744	5622	0.7	791744.198619		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	383	21	5.4	0.000078	**16.4678**	ug/L
	Se	82	-3	461	24	5.2	0.000134	**20.5033**	ug/L
	Sr	88	94	277348	15513	5.6	0.080013	**97.5486**	ug/L
	Y	89	67						ug/L
	Mo	98	144	470	40	8.6	0.000090	**0.4954**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3463587	79423	2.3	3463586.757065		ug/L
	Sn	120	17270	18225	475	2.6	-0.000202	**-1.5952**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	4311	206	4.8	0.001217	**1.5020**	ug/L
	Ce	140	36	307	26	8.4	0.000077	**0.0797**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	114.765
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	111.637
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	109.584
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-32

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:54:49
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 231

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-32.182
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	8601090	415567	4.8	5.895855	**19408.6918**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	4225749	272209	6.4	2.841519	**110589.4018**	ug/L
>	Sc	45	1256607	1458574	9785	0.7	1458573.930517		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3717	76	2.0	-0.002214	**-2.0795**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	278438	8781	3.2	0.190589	**172.3619**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	14460	508	3.5	0.017971	**46.9828**	ug/L
	Cu	63	85	29226	839	2.9	0.036357	**47.0821**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	801472	9800	1.2	801471.537670		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	261	19	7.3	0.000042	**8.7837**	ug/L
	Se	82	-3	220	15	6.9	0.000064	**9.8477**	ug/L
	Sr	88	94	1426689	57557	4.0	0.407971	**497.5294**	ug/L
	Y	89	67						ug/L
	Mo	98	144	10842	436	4.0	0.003055	**15.6189**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3496212	57760	1.7	3496211.999246		ug/L
	Sn	120	17270	18626	782	4.2	-0.000138	**-1.4135**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	91637	2882	3.1	0.026179	**32.5869**	ug/L
	Ce	140	36	1587	41	2.6	0.000443	**0.4439**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	116.072
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	113.009
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	110.617
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-33
Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:56:44
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 232

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-33.183
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	913106	161793	17.7	0.600531	**1974.9729**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	613965	105863	17.2	0.348675	**13612.0546**	ug/L
>	Sc	45	1256607	1545334	149139	9.7	1545334.241109		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3618	146	4.0	-0.002401	**-2.2763**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1625898	285611	17.6	1.069305	**967.1289**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	5261	896	17.0	0.006217	**16.2105**	ug/L
	Cu	63	85	10728	1850	17.2	0.012711	**16.4608**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	852864	96154	11.3	852864.252839		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	105	6	6.1	-0.000004	**-1.0526**	ug/L
	Se	82	-3	36	18	49.4	0.000010	**1.7498**	ug/L
	Sr	88	94	315787	53531	17.0	0.088212	**107.5479**	ug/L
	Y	89	67						ug/L
	Mo	98	144	434	62	14.3	0.000075	**0.4221**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3644935	386814	10.6	3644934.709137		ug/L
	Sn	120	17270	19482	1862	9.6	-0.000115	**-1.3500**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	10010	1853	18.5	0.002773	**3.4395**	ug/L
	Ce	140	36	737	112	15.1	0.000195	**0.1965**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	122.977
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	120.255
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	115.322
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-34
Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 21:58:39
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 233

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-34.184
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	2954924	98121	3.3	2.097049	**6901.9377**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	1464333	38862	2.7	0.984411	**38343.6403**	ug/L
>	Sc	45	1256607	1408800	19833	1.4	1408799.793069		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4501	99	2.2	-0.001568	**-1.3987**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	3489751	89748	2.6	2.476936	**2240.2812**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	4245	84	2.0	0.005292	**13.7889**	ug/L
	Cu	63	85	8442	219	2.6	0.010554	**13.6680**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	790801	10559	1.3	790801.105003		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	113	23	19.9	-0.000000	**-0.2257**	ug/L
	Se	82	-3	14	15	103.4	0.000005	**0.9136**	ug/L
	Sr	88	94	744184	21053	2.8	0.215833	**263.1955**	ug/L
	Y	89	67						ug/L
	Mo	98	144	574	13	2.3	0.000121	**0.6545**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3447313	87196	2.5	3447313.097609		ug/L
	Sn	120	17270	18834	744	4.0	0.000005	**-1.0110**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	38018	666	1.8	0.011003	**13.6877**	ug/L
	Ce	140	36	3776	106	2.8	0.001084	**1.0839**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	112.111
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	111.504
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	109.070
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-35

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 22:00:34
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 234

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-35.185
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	4164319	110580	2.7	2.834482	**9329.7794**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	880185	29655	3.4	0.544289	**21221.8933**	ug/L
>	Sc	45	1256607	1469459	27848	1.9	1469459.438681		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2647	126	4.8	-0.002960	**-2.8643**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	86143	3162	3.7	0.058371	**52.7756**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	1333	107	8.1	0.001567	**4.0351**	ug/L
	Cu	63	85	2788	74	2.7	0.003313	**4.2898**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	812338	11939	1.5	812337.747368		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	99	7	7.0	-0.000005	**-1.3292**	ug/L
	Se	82	-3	41	10	23.5	0.000012	**2.0212**	ug/L
	Sr	88	94	96646	3402	3.5	0.027002	**32.8963**	ug/L
	Y	89	67						ug/L
	Mo	98	144	228	6	2.5	0.000018	**0.1292**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3576641	50898	1.4	3576641.116078		ug/L
	Sn	120	17270	19371	70	0.4	-0.000047	**-1.1582**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	2357	44	1.8	0.000632	**0.7734**	ug/L
	Ce	140	36	52	8	14.5	0.000003	**0.0056**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	116.939
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	114.541
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	113.161
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-36

Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 22:02:29
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 235

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-36.186
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	16661055	468063	2.8	11.803688	**38858.9668**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	4017499	88899	2.2	2.791341	**108637.3601**	ug/L
>	Sc	45	1256607	1412186	51358	3.6	1412185.732141		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3507	29	0.8	-0.002277	**-2.1450**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	485342	12650	2.6	0.343611	**310.7648**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	5325	134	2.5	0.006733	**17.5606**	ug/L
	Cu	63	85	10673	416	3.9	0.013513	**17.4989**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	783015	30236	3.9	783014.783358		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	134	8	6.0	0.000007	**1.2693**	ug/L
	Se	82	-3	34	20	57.8	0.000011	**1.8342**	ug/L
	Sr	88	94	843254	15192	1.8	0.250136	**305.0318**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1950	107	5.5	0.000532	**2.7527**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3374365	153537	4.6	3374364.614559		ug/L
	Sn	120	17270	20082	2235	11.1	0.000476	**0.3160**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	145001	3709	2.6	0.042990	**53.5203**	ug/L
	Ce	140	36	222	14	6.1	0.000054	**0.0568**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	112.381
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	110.406
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	106.762
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-37
Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 22:04:24
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 236

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-37.187
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	605927	27707	4.6	0.423520	**1392.2043**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	201159	5564	2.8	0.085771	**3384.4868**	ug/L
>	Sc	45	1256607	1429925	45092	3.2	1429924.875913		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3282	29	0.9	-0.002466	**-2.3441**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	385633	11098	2.9	0.269482	**243.7177**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	76776	3487	4.5	0.096505	**252.5970**	ug/L
	Cu	63	85	157153	6400	4.1	0.197597	**255.8830**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	794764	27039	3.4	794764.360363		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	119	4	3.0	0.000002	**0.1612**	ug/L
	Se	82	-3	171	52	30.4	0.000050	**7.8249**	ug/L
	Sr	88	94	51330	1763	3.4	0.014903	**18.1402**	ug/L
	Y	89	67						ug/L
	Mo	98	144	629	30	4.8	0.000137	**0.7375**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3437068	103681	3.0	3437068.238405		ug/L
	Sn	120	17270	18484	120	0.6	-0.000083	**-1.2577**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	730	46	6.3	0.000185	**0.2175**	ug/L
	Ce	140	36	67	1	0.9	0.000008	**0.0106**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	113.792
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	112.063
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	108.745
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-38
Sample Description: 10x
Batch ID: B121546

Sample Date/Time: Friday, September 14, 2012 22:06:20
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 237

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-38.188
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	1022154	25903	2.5	0.725331	**2385.8501**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	1143956	32887	2.9	0.757107	**29501.0028**	ug/L
>	Sc	45	1256607	1409251	25194	1.8	1409250.980550		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2870	44	1.5	-0.002726	**-2.6179**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	259277	8795	3.4	0.183759	**166.1845**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	64601	1975	3.1	0.081244	**212.6416**	ug/L
	Cu	63	85	130005	4744	3.6	0.163528	**211.7643**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	794393	8923	1.1	794392.700557		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	108	13	11.6	-0.000001	**-0.4354**	ug/L
	Se	82	-3	148	10	6.6	0.000044	**6.9071**	ug/L
	Sr	88	94	360462	9912	2.7	0.105914	**129.1381**	ug/L
	Y	89	67						ug/L
	Mo	98	144	333	13	3.8	0.000052	**0.3035**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3401958	37722	1.1	3401957.654080		ug/L
	Sn	120	17270	18261	412	2.3	-0.000097	**-1.2971**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	6132	163	2.7	0.001775	**2.1971**	ug/L
	Ce	140	36	108	8	7.4	0.000020	**0.0229**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	112.147
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	112.011
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	107.635
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVA

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 22:08:18
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCVA.189
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	8181812	308174	3.8	6.028936	**1984.6835**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	796281	17629	2.2	0.532026	**2074.4853**	ug/L
>	Sc	45	1256607	1356943	43559	3.2	1356942.544307		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	131182	2349	1.8	0.091942	**9.7021**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	392989	7126	1.8	0.289429	**26.1759**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	29267	1113	3.8	0.038676	**10.1193**	ug/L
	Cu	63	85	59209	1552	2.6	0.078293	**10.1388**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	755092	17451	2.3	755091.797165		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	3294	96	2.9	0.000962	**20.6170**	ug/L
	Se	82	-3	4475	149	3.3	0.001353	**20.5458**	ug/L
	Sr	88	94	287684	5648	2.0	0.086867	**10.5908**	ug/L
	Y	89	67						ug/L
	Mo	98	144	32095	702	2.2	0.009649	**4.9253**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3310824	73822	2.2	3310824.340882		ug/L
	Sn	120	17270	77364	953	1.2	0.017907	**4.9387**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	630944	13058	2.1	0.190563	**23.7289**	ug/L
	Ce	140	36	31461	1030	3.3	0.009491	**0.9470**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	107.985
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	106.469
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	104.751
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBA

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 22:10:16
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCBA.190
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	1549	1160	74.8	0.001037	**0.1270**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	39030	341	0.9	-0.025891	**-95.9387**	ug/L
>	Sc	45	1256607	1344736	27263	2.0	1344736.239021		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2384	50	2.1	-0.002989	**-0.2895**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	470	54	11.6	0.000062	**0.0037**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	58	6	11.0	0.000001	**-0.0064**	ug/L
	Cu	63	85	88	7	7.6	-0.000005	**-0.0006**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	759541	4773	0.6	759540.894417		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	92	7	7.1	-0.000005	**-0.1226**	ug/L
	Se	82	-3	19	14	77.0	0.000006	**0.1155**	ug/L
	Sr	88	94	123	6	4.6	0.000008	**-0.0026**	ug/L
	Y	89	67						ug/L
	Mo	98	144	169	23	13.5	0.000006	**0.0069**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3265932	25672	0.8	3265932.335740	ug/L
	Sn	120	17270	18015	531	2.9	0.000053	**-0.0877** ug/L
	Sb	121	224					ug/L
	Cs	133	20					ug/L
	Ba	138	86	163	92	56.4	0.000023	**0.0015** ug/L
	Ce	140	36	41	11	27.5	0.000001	**0.0004** ug/L
>	Tm	169	2730830					ug/L
	Tl	205	25					ug/L
	Pb	208	143					ug/L
	Bi	209	261					ug/L
	Th	232	199					ug/L
	U	238	16					ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	107.013
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	107.096
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	103.331
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121544-BLK1

Sample Description: 5x

Batch ID: B121544

Sample Date/Time: Friday, September 14, 2012 22:12:15
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 238

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121544-BLK1.191
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	306100	8090	2.6	0.231800	**380.5036**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	37868	414	1.1	-0.026219	**-486.0860**	ug/L
>	Sc	45	1256607	1320215	37016	2.8	1320214.517884		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2313	121	5.2	-0.003008	**-1.4576**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	3851	49	1.3	0.002631	**1.1805**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	163	8	4.8	0.000145	**0.1566**	ug/L
	Cu	63	85	332	23	6.9	0.000329	**0.2129**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	740125	2756	0.4	740125.343627		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	82	6	6.8	-0.000008	**-0.9449**	ug/L
	Se	82	-3	3	6	236.6	0.000002	**0.2047**	ug/L
	Sr	88	94	311	31	10.0	0.000065	**0.0217**	ug/L
	Y	89	67						ug/L
	Mo	98	144	76	28	37.1	-0.000023	**-0.0388**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3272650	51656	1.6	3272650.141735		ug/L
	Sn	120	17270	20977	282	1.3	0.000946	**0.8191**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	290	28	9.8	0.000061	**0.0315**	ug/L
	Ce	140	36	104	5	5.1	0.000020	**0.0114**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	105.062
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	104.359
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	103.543
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121544-BLK2

Sample Description: 5x

Batch ID: B121544

Sample Date/Time: Friday, September 14, 2012 22:14:11
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 239

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121544-BLK2.192
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	352753	13350	3.8	0.271321	**445.5607**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	37466	146	0.4	-0.026081	**-483.3963**	ug/L
>	Sc	45	1256607	1299280	19788	1.5	1299279.507913		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2304	77	3.3	-0.002989	**-1.4471**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	4444	107	2.4	0.003132	**1.4071**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	196	3	1.3	0.000193	**0.2190**	ug/L
	Cu	63	85	382	19	4.9	0.000404	**0.2619**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	729135	14454	2.0	729135.488830		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	82	7	8.7	-0.000008	**-0.9514**	ug/L
	Se	82	-3	6	14	250.1	0.000002	**0.2728**	ug/L
	Sr	88	94	287	13	4.4	0.000058	**0.0174**	ug/L
	Y	89	67						ug/L
	Mo	98	144	63	13	20.3	-0.000026	**-0.0483**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3267138	40547	1.2	3267138.095790		ug/L
	Sn	120	17270	20913	478	2.3	0.000936	**0.8056**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	243	4	1.8	0.000047	**0.0226**	ug/L
	Ce	140	36	98	5	4.7	0.000019	**0.0106**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	103.396
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	102.809
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	103.369
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121544-BLK3

Sample Description: 5x

Batch ID: B121544

Sample Date/Time: Friday, September 14, 2012 22:16:07
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 240

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121544-BLK3.193
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	326651	10441	3.2	0.252725	**414.9495**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	37644	343	0.9	-0.025815	**-478.2237**	ug/L
>	Sc	45	1256607	1294756	58930	4.6	1294755.548156		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2354	80	3.4	-0.002944	**-1.4236**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	4224	134	3.2	0.002983	**1.3393**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	192	29	15.0	0.000188	**0.2127**	ug/L
	Cu	63	85	353	23	6.4	0.000363	**0.2353**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	732328	35439	4.8	732328.134136		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	82	11	13.0	-0.000008	**-0.9373**	ug/L
	Se	82	-3	-18	15	85.4	-0.000005	**-0.2614**	ug/L
	Sr	88	94	298	16	5.4	0.000061	**0.0193**	ug/L
	Y	89	67						ug/L
	Mo	98	144	64	13	19.8	-0.000026	**-0.0478**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3274475	158506	4.8	3274475.186709		ug/L
	Sn	120	17270	20843	658	3.2	0.000905	**0.7609**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	235	26	11.0	0.000045	**0.0212**	ug/L
	Ce	140	36	99	10	9.9	0.000019	**0.0107**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	103.036
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	103.259
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	103.601
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121544-BLK4

Sample Description: 5x

Batch ID: B121544

Sample Date/Time: Friday, September 14, 2012 22:18:02
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 241

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121544-BLK4.194
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	353024	9040	2.6	0.271965	**446.6209**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	38084	202	0.5	-0.025579	**-473.6329**	ug/L
>	Sc	45	1256607	1298268	28546	2.2	1298267.540324		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2337	12	0.5	-0.002962	**-1.4333**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	4815	136	2.8	0.003424	**1.5388**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	296	7	2.4	0.000337	**0.4072**	ug/L
	Cu	63	85	563	36	6.4	0.000664	**0.4302**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	718341	10064	1.4	718340.568397		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	83	8	9.7	-0.000008	**-0.9247**	ug/L
	Se	82	-3	4	3	62.8	0.000002	**0.2444**	ug/L
	Sr	88	94	302	5	1.8	0.000062	**0.0196**	ug/L
	Y	89	67						ug/L
	Mo	98	144	53	3	5.3	-0.000030	**-0.0569**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3301207	37726	1.1	3301206.969051		ug/L
	Sn	120	17270	21400	866	4.0	0.001019	**0.9216**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	233	13	5.4	0.000043	**0.0203**	ug/L
	Ce	140	36	104	15	14.8	0.000020	**0.0113**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	103.315
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	101.287
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	104.447
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 0944029-92

Sample Description: 5x

Batch ID: B121544

Sample Date/Time: Friday, September 14, 2012 22:19:58
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 242

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\0944029-92.195
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	64975107	1986581	3.1	48.911008	**80513.4295**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	59355	453	0.8	-0.010253	**-175.5335**	ug/L
>	Sc	45	1256607	1329151	31015	2.3	1329151.387193		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	61548	2413	3.9	0.041549	**21.9908**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	94434	3653	3.9	0.070800	**32.0083**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	4496	174	3.9	0.006037	**7.8700**	ug/L
	Cu	63	85	8766	337	3.8	0.011799	**7.6401**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	735827	16034	2.2	735826.530702		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	103	11	11.0	-0.000002	**-0.2823**	ug/L
	Se	82	-3	78	25	31.6	0.000024	**1.9341**	ug/L
	Sr	88	94	12277	206	1.7	0.003674	**2.2226**	ug/L
	Y	89	67						ug/L
	Mo	98	144	30486	469	1.5	0.009155	**23.3654**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3316394	105705	3.2	3316393.803972		ug/L
	Sn	120	17270	21150	784	3.7	0.000913	**0.7729**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1700	69	4.1	0.000486	**0.2958**	ug/L
	Ce	140	36	305	25	8.3	0.000081	**0.0416**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	105.773
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	103.753
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	104.927
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121544-MS3

Sample Description: 5x
Batch ID: B121544

Sample Date/Time: Friday, September 14, 2012 22:21:54
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 243

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121544-MS3.196
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	65060628	1134317	1.7	52.420900	**86291.2125**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	64443	356	0.6	-0.002992	**-34.2935**	ug/L
>	Sc	45	1256607	1241104	12979	1.0	1241103.985690		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	69030	864	1.3	0.050856	**26.8890**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	57899	978	1.7	0.046362	**20.9568**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	5627	188	3.3	0.008081	**10.5458**	ug/L
	Cu	63	85	11114	209	1.9	0.015995	**10.3563**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	689717	8434	1.2	689716.833059		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	356	27	7.6	0.000081	**8.5586**	ug/L
	Se	82	-3	518	28	5.3	0.000166	**12.7140**	ug/L
	Sr	88	94	18402	373	2.0	0.005855	**3.5527**	ug/L
	Y	89	67						ug/L
	Mo	98	144	34622	612	1.8	0.011025	**28.1362**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3127766	67047	2.1	3127766.178126		ug/L
	Sn	120	17270	20170	669	3.3	0.000988	**0.8782**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	398	67	16.8	0.000101	**0.0559**	ug/L
	Ce	140	36	280	17	6.2	0.000078	**0.0402**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	98.766
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	97.251
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	98.959
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121544-BS1

Sample Description: 5x

Batch ID: B121544

Sample Date/Time: Friday, September 14, 2012 22:23:49
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 244

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121544-BS1.197
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	327022	5149	1.6	0.252258	**414.1802**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	38217	88	0.2	-0.025429	**-470.7198**	ug/L
>	Sc	45	1256607	1296077	18926	1.5	1296077.139015		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2257	39	1.7	-0.003021	**-1.4644**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	4417	123	2.8	0.003121	**1.4019**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	201	28	14.0	0.000201	**0.2294**	ug/L
	Cu	63	85	414	20	4.7	0.000450	**0.2916**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	726250	2801	0.4	726250.328703		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	350	15	4.2	0.000073	**7.7747**	ug/L
	Se	82	-3	391	24	6.1	0.000120	**9.1609**	ug/L
	Sr	88	94	280	18	6.3	0.000055	**0.0158**	ug/L
	Y	89	67						ug/L
	Mo	98	144	177	33	18.7	0.000008	**0.0394**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3287964	6242	0.2	3287964.114620		ug/L
	Sn	120	17270	22277	78	0.3	0.001311	**1.3333**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	386	36	9.3	0.000090	**0.0495**	ug/L
	Ce	140	36	99	20	20.3	0.000019	**0.0106**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	103.141
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	102.402
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	104.028
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121544-SRM1

Sample Description: 5x

Batch ID: B121544

Sample Date/Time: Friday, September 14, 2012 22:25:44
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 245

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121544-SRM1.198
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	13343936	468953	3.5	10.537837	**17345.7121**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	376380	10437	2.8	0.242350	**4737.8944**	ug/L
>	Sc	45	1256607	1266041	21807	1.7	1266041.052946		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	77592	2656	3.4	0.056521	**29.8698**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	72791	1847	2.5	0.057212	**25.8635**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	13538	503	3.7	0.018942	**24.7636**	ug/L
	Cu	63	85	27575	510	1.8	0.038613	**25.0014**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	712013	5972	0.8	712012.740428		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	81	9	11.2	-0.000008	**-0.9019**	ug/L
	Se	82	-3	35	11	29.9	0.000012	**0.9899**	ug/L
	Sr	88	94	622478	19959	3.2	0.196536	**119.8306**	ug/L
	Y	89	67						ug/L
	Mo	98	144	5925	40	0.7	0.001826	**4.6754**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3166252	59578	1.9	3166252.070347		ug/L
	Sn	120	17270	20996	234	1.1	0.001168	**1.1314**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	77054	1122	1.5	0.024312	**15.1311**	ug/L
	Ce	140	36	849	53	6.2	0.000257	**0.1292**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	100.751
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	100.395
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	100.177
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1223038-04
Sample Description: 5x
Batch ID: B121544

Sample ID should read 1233038-04
KDM 9/18/2012

Sample Date/Time: Friday, September 14, 2012 22:27:39
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 246

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1223038-04.199
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	322513	7973	2.5	0.248770	**408.4382**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	38673	163	0.4	-0.025075	**-463.8259**	ug/L
>	Sc	45	1256607	1295777	3686	0.3	1295777.391777		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2330	45	1.9	-0.002964	**-1.4344**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	4755	240	5.1	0.003383	**1.5202**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	283	20	7.2	0.000314	**0.3772**	ug/L
	Cu	63	85	544	42	7.8	0.000628	**0.4066**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	727438	9513	1.3	727437.690078		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	81	3	3.8	-0.000009	**-1.0265**	ug/L
	Se	82	-3	15	11	73.7	0.000005	**0.4884**	ug/L
	Sr	88	94	425	24	5.7	0.000098	**0.0420**	ug/L
	Y	89	67						ug/L
	Mo	98	144	100	8	7.7	-0.000016	**-0.0213**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3318580	10928	0.3	3318579.756716		ug/L
	Sn	120	17270	21532	60	0.3	0.001024	**0.9291**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	369	7	2.0	0.000084	**0.0455**	ug/L
	Ce	140	36	122	17	14.1	0.000026	**0.0140**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	103.117
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	102.570
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	104.997
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1223038-05
Sample Description: 5x
Batch ID: B121544

Sample ID should read 1233038-05
KDM 9/18/2012

Sample Date/Time: Friday, September 14, 2012 22:29:33
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 247

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1223038-05.200
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	28036273	549560	2.0	21.434716	**35283.5298**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	118732	2019	1.7	0.035859	**721.4060**	ug/L
>	Sc	45	1256607	1308310	41095	3.1	1308309.637460		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	16620	316	1.9	0.007946	**4.3069**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1619730	43830	2.7	1.237863	**559.7919**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	2928	62	2.1	0.003988	**5.1869**	ug/L
	Cu	63	85	5874	74	1.3	0.008030	**5.1992**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	720918	12859	1.8	720918.046566		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	119	10	8.5	0.000004	**0.3063**	ug/L
	Se	82	-3	53	8	15.1	0.000017	**1.3845**	ug/L
	Sr	88	94	120396	1955	1.6	0.037014	**22.5531**	ug/L
	Y	89	67						ug/L
	Mo	98	144	10174	28	0.3	0.003085	**7.8864**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3250056	37791	1.2	3250056.495076		ug/L
	Sn	120	17270	20259	834	4.1	0.000772	**0.5737**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	99623	409	0.4	0.030628	**19.0634**	ug/L
	Ce	140	36	14845	227	1.5	0.004557	**2.2740**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	104.114
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	101.651
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	102.829
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVB

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 22:31:31
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCVB.201
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	8098837	129616	1.6	6.099028	**2007.7596**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	781056	5103	0.7	0.533384	**2079.7679**	ug/L
>	Sc	45	1256607	1328433	44114	3.3	1328433.236530		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	133519	2603	1.9	0.095777	**10.1057**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	390983	1686	0.4	0.294229	**26.6101**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	29062	357	1.2	0.039212	**10.2597**	ug/L
	Cu	63	85	58664	642	1.1	0.079181	**10.2537**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	740237	24696	3.3	740236.691138		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	3279	117	3.6	0.000946	**20.2880**	ug/L
	Se	82	-3	4479	177	3.9	0.001340	**20.3508**	ug/L
	Sr	88	94	291555	4388	1.5	0.087182	**10.6292**	ug/L
	Y	89	67						ug/L
	Mo	98	144	32985	184	0.6	0.009819	**5.0118**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3348141	148971	4.4	3348141.384075		ug/L
	Sn	120	17270	78175	760	1.0	0.017911	**4.9399**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	634520	6897	1.1	0.189676	**23.6184**	ug/L
	Ce	140	36	31797	365	1.1	0.009497	**0.9476**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	105.716
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	104.375
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	105.932
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBB

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 22:33:29
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCBB.202
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	1497	983	65.7	0.001023	**0.1223**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	39007	530	1.4	-0.024945	**-92.2622**	ug/L
>	Sc	45	1256607	1303045	51325	3.9	1303045.289356		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2370	50	2.1	-0.002941	**-0.2845**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	451	56	12.3	0.000059	**0.0034**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	50	13	26.2	-0.000010	**-0.0092**	ug/L
	Cu	63	85	77	2	2.0	-0.000018	**-0.0023**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	749783	21383	2.9	749783.122519		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	90	5	5.6	-0.000006	**-0.1439**	ug/L
	Se	82	-3	7	5	70.2	0.000003	**0.0625**	ug/L
	Sr	88	94	154	68	44.1	0.000016	**-0.0016**	ug/L
	Y	89	67						ug/L
	Mo	98	144	167	11	6.6	0.000005	**0.0062**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3312703	65476	2.0	3312702.701777		ug/L
	Sn	120	17270	17760	432	2.4	-0.000103	**-0.1316**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	157	72	46.1	0.000020	**0.0011**	ug/L
	Ce	140	36	38	15	38.2	0.000000	**0.0003**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	103.695
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	105.721
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	104.811
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1223038-06
Sample Description: 5x
Batch ID: B121544

Sample ID should read 1233038-06
KDM 9/18/2012

Sample Date/Time: Friday, September 14, 2012 22:35:29
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 248

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1223038-06.203
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	62099902	1562872	2.5	48.618911	**80032.5953**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	70710	1404	2.0	0.000453	**32.7207**	ug/L
>	Sc	45	1256607	1278306	62767	4.9	1278306.002043		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	20546	463	2.3	0.011325	**6.0854**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1848475	57334	3.1	1.446694	**654.2321**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	3029	72	2.4	0.004164	**5.4182**	ug/L
	Cu	63	85	5937	227	3.8	0.008187	**5.3011**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	714498	17413	2.4	714497.971811		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	122	20	16.0	0.000005	**0.4066**	ug/L
	Se	82	-3	56	17	31.0	0.000018	**1.4674**	ug/L
	Sr	88	94	41396	1534	3.7	0.012818	**7.7986**	ug/L
	Y	89	67						ug/L
	Mo	98	144	4578	127	2.8	0.001375	**3.5258**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3222669	118108	3.7	3222668.516788		ug/L
	Sn	120	17270	20411	410	2.0	0.000872	**0.7149**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	14692	313	2.1	0.004534	**2.8163**	ug/L
	Ce	140	36	13730	265	1.9	0.004251	**2.1215**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	101.727
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	100.745
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	101.962
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1223038-07
Sample Description: 5x
Batch ID: B121544

Sample ID should read 1233038-07
KDM 9/18/2012

Sample Date/Time: Friday, September 14, 2012 22:37:25
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 249

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1223038-07.204
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	344669	6481	1.9	0.266737	**438.0150**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	38655	234	0.6	-0.024986	**-462.1037**	ug/L
>	Sc	45	1256607	1292215	38916	3.0	1292214.604500		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2279	48	2.1	-0.002998	**-1.4523**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	4962	476	9.6	0.003560	**1.6004**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	241	11	4.7	0.000258	**0.3043**	ug/L
	Cu	63	85	493	16	3.2	0.000562	**0.3638**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	723201	16030	2.2	723201.105738		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	89	8	9.4	-0.000006	**-0.7321**	ug/L
	Se	82	-3	0	13	8937.1	0.000001	**0.1444**	ug/L
	Sr	88	94	293	26	8.8	0.000060	**0.0185**	ug/L
	Y	89	67						ug/L
	Mo	98	144	122	3	2.4	-0.000008	**-0.0026**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3273602	96738	3.0	3273601.625856		ug/L
	Sn	120	17270	20915	342	1.6	0.000927	**0.7920**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	257	26	10.0	0.000052	**0.0254**	ug/L
	Ce	140	36	102	17	16.5	0.000020	**0.0112**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	102.834
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	101.973
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	103.574
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1223038-11
Sample Description: 5x
Batch ID: B121544

Sample ID should read 1233038-11
KDM 9/18/2012

Sample Date/Time: Friday, September 14, 2012 22:39:21
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 250

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1223038-11.205
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	9407520	264766	2.8	7.482948	**12316.9276**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	135866	630	0.5	0.053154	**1057.8070**	ug/L
>	Sc	45	1256607	1257151	1283	0.1	1257151.140917		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	13685	280	2.0	0.006123	**3.3480**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	656629	16310	2.5	0.522025	**236.0670**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	8016	252	3.1	0.011254	**14.6992**	ug/L
	Cu	63	85	16007	446	2.8	0.022506	**14.5721**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	707375	12482	1.8	707374.795314		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	177	28	16.0	0.000022	**2.2847**	ug/L
	Se	82	-3	118	15	12.3	0.000038	**2.9314**	ug/L
	Sr	88	94	147151	3997	2.7	0.045776	**27.8964**	ug/L
	Y	89	67						ug/L
	Mo	98	144	3007	52	1.7	0.000890	**2.2894**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3212551	73625	2.3	3212550.795548	ug/L
	Sn	120	17270	20016	358	1.8	0.000769	**0.5693** ug/L
	Sb	121	224					ug/L
	Cs	133	20					ug/L
	Ba	138	86	244674	4635	1.9	0.076146	**47.4041** ug/L
	Ce	140	36	7847	199	2.5	0.002431	**1.2138** ug/L
>	Tm	169	2730830					ug/L
	Tl	205	25					ug/L
	Pb	208	143					ug/L
	Bi	209	261					ug/L
	Th	232	199					ug/L
	U	238	16					ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	100.043
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	99.741
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	101.642
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1223038-12
Sample Description: 5x
Batch ID: B121544

Sample ID should read 1233038-12
KDM 9/18/2012

Sample Date/Time: Friday, September 14, 2012 22:41:17
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 251

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1223038-12.206
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	8706333	147963	1.7	6.824332	**11232.7519**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	138504	1386	1.0	0.053658	**1067.6112**	ug/L
>	Sc	45	1256607	1275844	27347	2.1	1275844.202646		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	9246	151	1.6	0.002488	**1.4348**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	605819	7010	1.2	0.474645	**214.6401**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	4103	87	2.1	0.005706	**7.4356**	ug/L
	Cu	63	85	8325	97	1.2	0.011610	**7.5176**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	709707	11901	1.7	709706.916759		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	145	11	7.3	0.000012	**1.1996**	ug/L
	Se	82	-3	107	19	18.0	0.000034	**2.6765**	ug/L
	Sr	88	94	133500	3313	2.5	0.041420	**25.2404**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1274	19	1.5	0.000350	**0.9111**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3221249	98494	3.1	3221249.493055		ug/L
	Sn	120	17270	20317	584	2.9	0.000843	**0.6745**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	190856	5337	2.8	0.059227	**36.8702**	ug/L
	Ce	140	36	6162	133	2.2	0.001902	**0.9499**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	101.531
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	100.070
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	101.917
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121544-DUP2

Sample Description: 5x
Batch ID: B121544

Sample Date/Time: Friday, September 14, 2012 22:43:13
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 252

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121544-DUP2.207
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	9405833	169822	1.8	7.356980	**12109.5665**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	138186	1011	0.7	0.053181	**1058.3354**	ug/L
>	Sc	45	1256607	1278611	28925	2.3	1278611.301560		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	10543	156	1.5	0.003484	**1.9592**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	653401	11452	1.8	0.510823	**231.0011**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	5836	155	2.6	0.008080	**10.5439**	ug/L
	Cu	63	85	11884	326	2.7	0.016487	**10.6753**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	715572	17370	2.4	715572.441397		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	148	6	3.7	0.000013	**1.2867**	ug/L
	Se	82	-3	93	11	11.9	0.000030	**2.3325**	ug/L
	Sr	88	94	139704	3422	2.4	0.043315	**26.3957**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1634	7	0.4	0.000462	**1.1957**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3223452	96269	3.0	3223451.850698		ug/L
	Sn	120	17270	20422	423	2.1	0.000873	**0.7156**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	208300	4637	2.2	0.064603	**40.2175**	ug/L
	Ce	140	36	7260	171	2.4	0.002241	**1.1191**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	101.751
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	100.897
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	101.987
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121544-MS2

Sample Description: 5x

Batch ID: B121544

Sample Date/Time: Friday, September 14, 2012 22:45:09
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 253

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121544-MS2.208
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	6117164	43087	0.7	4.797248	**7895.8823**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	167835	1225	0.7	0.076699	**1515.7860**	ug/L
>	Sc	45	1256607	1275799	39249	3.1	1275798.591753		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	10756	28	0.3	0.003674	**2.0588**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	738976	16216	2.2	0.579058	**261.8593**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	6353	143	2.2	0.008877	**11.5869**	ug/L
	Cu	63	85	12779	293	2.3	0.017886	**11.5813**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	709601	10079	1.4	709600.720360		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	358	19	5.3	0.000078	**8.2746**	ug/L
	Se	82	-3	416	20	4.7	0.000130	**9.9304**	ug/L
	Sr	88	94	182830	6075	3.3	0.056687	**34.5502**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1977	51	2.6	0.000568	**1.4660**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3223460	79041	2.5	3223460.053147		ug/L
	Sn	120	17270	20772	359	1.7	0.000981	**0.8678**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	274900	2639	1.0	0.085275	**53.0888**	ug/L
	Ce	140	36	8854	143	1.6	0.002736	**1.3658**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	101.527
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	100.055
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	101.987
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121544-MSD2

Sample Description: 5x

Batch ID: B121544

Sample Date/Time: Friday, September 14, 2012 22:47:05
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 254

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121544-MSD2.209
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	6575434	149200	2.3	5.184448	**8533.2682**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	165750	2261	1.4	0.075763	**1497.5910**	ug/L
>	Sc	45	1256607	1268470	10236	0.8	1268470.369952		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	10980	164	1.5	0.003895	**2.1751**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	742724	20053	2.7	0.585334	**264.6971**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	7016	165	2.4	0.009803	**12.7991**	ug/L
	Cu	63	85	14181	439	3.1	0.019844	**12.8491**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	710298	2630	0.4	710298.381048		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	398	6	1.4	0.000091	**9.6509**	ug/L
	Se	82	-3	435	39	9.0	0.000136	**10.4166**	ug/L
	Sr	88	94	180002	3637	2.0	0.055943	**34.0961**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1975	37	1.9	0.000568	**1.4683**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3217977	87747	2.7	3217976.715775		ug/L
	Sn	120	17270	19213	296	1.5	0.000508	**0.2023**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	274641	6440	2.3	0.085391	**53.1608**	ug/L
	Ce	140	36	8538	120	1.4	0.002644	**1.3199**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	100.944
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	100.153
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	101.814
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVC

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 22:49:03
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCVC.210
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	7973114	108336	1.4	5.920763	**1949.0698**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	764335	15696	2.1	0.512720	**1999.3796**	ug/L
>	Sc	45	1256607	1348253	48712	3.6	1348253.137831		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	129963	2172	1.7	0.091738	**9.6806**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	380370	5621	1.5	0.282144	**25.5170**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	28079	449	1.6	0.036946	**9.6662**	ug/L
	Cu	63	85	56412	1133	2.0	0.074260	**9.6165**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	758615	9904	1.3	758614.874853		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	3093	100	3.2	0.000869	**18.6229**	ug/L
	Se	82	-3	4271	78	1.8	0.001246	**18.9285**	ug/L
	Sr	88	94	283261	4665	1.6	0.082560	**10.0655**	ug/L
	Y	89	67						ug/L
	Mo	98	144	32127	689	2.1	0.009322	**4.7585**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3430802	56172	1.6	3430801.567123		ug/L
	Sn	120	17270	78013	1305	1.7	0.017282	**4.7630**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	616558	15444	2.5	0.179754	**22.3829**	ug/L
	Ce	140	36	31020	809	2.6	0.009034	**0.9014**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	107.293
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	106.966
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	108.547
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBC

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 22:51:01
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCBC.211
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	1747	1582	90.6	0.001218	**0.1865**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	39770	41	0.1	-0.024728	**-91.4153**	ug/L
>	Sc	45	1256607	1317604	27525	2.1	1317604.379510		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2363	32	1.3	-0.002969	**-0.2874**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	468	73	15.7	0.000069	**0.0043**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	46	7	15.2	-0.000013	**-0.0102**	ug/L
	Cu	63	85	90	13	14.3	0.000002	**0.0003**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	738464	4686	0.6	738464.327028		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	93	9	9.9	-0.000005	**-0.1183**	ug/L
	Se	82	-3	4	15	379.3	0.000002	**0.0482**	ug/L
	Sr	88	94	125	22	17.9	0.000008	**-0.0026**	ug/L
	Y	89	67						ug/L
	Mo	98	144	137	16	11.3	-0.000004	**0.0017**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3283383	87365	2.7	3283383.046673		ug/L
	Sn	120	17270	17895	182	1.0	-0.000012	**-0.1060**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	143	95	66.8	0.000017	**0.0007**	ug/L
	Ce	140	36	35	3	9.9	-0.000001	**0.0002**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	104.854
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	104.125
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	103.883
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-14
Sample Description: 50x
Batch ID: B121547

Sample Date/Time: Friday, September 14, 2012 22:53:00
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 255

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-14.212
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	4560122	296738	6.5	4.034379	**66400.9129**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	370368	23678	6.4	0.272766	**53295.1961**	ug/L
>	Sc	45	1256607	1130729	31473	2.8	1130729.195718		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3365	4	0.1	-0.001785	**-8.1404**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	6523	406	6.2	0.005478	**24.6789**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	19485	1063	5.5	0.027118	**354.6589**	ug/L
	Cu	63	85	41117	2954	7.2	0.057237	**370.6012**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	716263	26957	3.8	716262.957222		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	408	53	12.9	0.000090	**95.2787**	ug/L
	Se	82	-3	459	85	18.6	0.000138	**105.8914**	ug/L
	Sr	88	94	64327	4099	6.4	0.019339	**117.7528**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1616	187	11.5	0.000440	**11.4138**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3319129	142849	4.3	3319129.320821		ug/L
	Sn	120	17270	18424	817	4.4	0.000087	**-3.9056**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	2702	252	9.3	0.000789	**4.8459**	ug/L
	Ce	140	36	50	19	37.4	0.000004	**0.0314**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	89.983
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	100.994
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	105.014
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-15
Sample Description: 50x
Batch ID: B121547

Sample Date/Time: Friday, September 14, 2012 22:54:56
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 256

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-15.213
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	6443072	565908	8.8	5.393840	**88779.5798**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	509634	57744	11.3	0.371528	**72505.4303**	ug/L
>	Sc	45	1256607	1195731	29282	2.4	1195730.860474		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	6755	420	6.2	0.000891	**5.9466**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	8826	1424	16.1	0.007101	**32.0167**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	23527	2636	11.2	0.029049	**379.9371**	ug/L
	Cu	63	85	48948	5197	10.6	0.060490	**391.6676**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	807785	51638	6.4	807784.692226		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	959	393	41.0	0.000196	**208.8986**	ug/L
	Se	82	-3	2372	687	29.0	0.000569	**432.6647**	ug/L
	Sr	88	94	45308	4506	9.9	0.010924	**66.4344**	ug/L
	Y	89	67						ug/L
	Mo	98	144	2631	325	12.4	0.000590	**15.2431**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4135609	273670	6.6	4135609.328837		ug/L
	Sn	120	17270	22803	1206	5.3	0.000055	**-4.3517**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1633	158	9.7	0.000368	**2.2210**	ug/L
	Ce	140	36	47	4	8.7	0.000000	**0.0126**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	95.155
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	113.899
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	130.847
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-16
Sample Description: 50x
Batch ID: B121547

Sample Date/Time: Friday, September 14, 2012 22:56:51
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 257

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-16.214
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	6783506	527270	7.8	4.133436	**68031.5243**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	511582	31473	6.2	0.256550	**50140.8964**	ug/L
>	Sc	45	1256607	1652604	121694	7.4	1652603.771549		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4631	245	5.3	-0.001945	**-8.9795**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	6653	657	9.9	0.003771	**16.9578**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	23185	1689	7.3	0.023855	**311.9392**	ug/L
	Cu	63	85	48416	3792	7.8	0.049864	**322.8663**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	973935	59606	6.1	973934.557862		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	667	67	10.0	0.000106	**112.9518**	ug/L
	Se	82	-3	1863	190	10.2	0.000390	**296.6341**	ug/L
	Sr	88	94	54027	3677	6.8	0.011238	**68.3526**	ug/L
	Y	89	67						ug/L
	Mo	98	144	2332	106	4.6	0.000440	**11.4179**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4813894	250479	5.2	4813894.470667		ug/L
	Sn	120	17270	27293	1729	6.3	0.000204	**-2.2611**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1083	88	8.1	0.000199	**1.1702**	ug/L
	Ce	140	36	50	12	23.0	-0.000001	**0.0080**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	131.513
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	137.326
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	152.307
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-17
Sample Description: 50x
Batch ID: B121547

Sample Date/Time: Friday, September 14, 2012 22:58:46
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 258

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-17.215
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	1019237	1667754	163.6	0.520002	**8549.2489**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	117599	117623	100.0	0.012430	**2656.8366**	ug/L
>	Sc	45	1256607	2113867	1392112	65.9	2113866.984788		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3384	466	13.8	-0.002443	**-11.6030**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1756	796	45.4	0.000772	**3.3948**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	3551	5732	161.4	0.002576	**33.3924**	ug/L
	Cu	63	85	7389	11690	158.2	0.005455	**35.3185**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1250470	762240	61.0	1250469.940831		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	352	482	137.0	0.000028	**29.3687**	ug/L
	Se	82	-3	414	738	178.2	0.000066	**51.0609**	ug/L
	Sr	88	94	3592	5561	154.8	0.000547	**3.1581**	ug/L
	Y	89	67						ug/L
	Mo	98	144	536	758	141.4	0.000043	**1.2887**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	6019039	3513472	58.4	6019039.337384		ug/L
	Sn	120	17270	32331	18149	56.1	0.000133	**-3.2505**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	512	621	121.3	0.000057	**0.2895**	ug/L
	Ce	140	36	50	23	45.4	-0.000002	**0.0002**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	168.220
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	176.318
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	190.437
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-18

Sample Description: 50x
Batch ID: B121547

Sample Date/Time: Friday, September 14, 2012 23:00:40
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 259

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-18.216
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	5257195	197469	3.8	3.413449	**56179.5145**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	395702	9795	2.5	0.202091	**39548.0170**	ug/L
>	Sc	45	1256607	1540405	64168	4.2	1540405.096619		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4232	36	0.9	-0.002012	**-9.3327**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	5222	187	3.6	0.003104	**13.9400**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	21093	525	2.5	0.023336	**305.1571**	ug/L
	Cu	63	85	43292	1106	2.6	0.047932	**310.3525**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	900851	10922	1.2	900851.098753		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	608	13	2.2	0.000107	**113.5451**	ug/L
	Se	82	-3	803	75	9.3	0.000185	**141.2035**	ug/L
	Sr	88	94	16874	460	2.7	0.003847	**23.2779**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1651	53	3.2	0.000334	**8.6980**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4353339	146744	3.4	4353339.244880		ug/L
	Sn	120	17270	25168	262	1.0	0.000320	**-0.6144**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1883	111	5.9	0.000405	**2.4556**	ug/L
	Ce	140	36	52	5	9.6	0.000001	**0.0159**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	122.584
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	127.021
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	137.735
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-19
Sample Description: 50x
Batch ID: B121547

Sample Date/Time: Friday, September 14, 2012 23:02:35
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 260

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-19.217
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	3421392	2930462	85.7	2.243686	**36923.5475**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	277306	197978	71.4	0.121141	**23802.3455**	ug/L
>	Sc	45	1256607	2141751	887943	41.5	2141750.767685		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	7240	3647	50.4	-0.000387	**-0.7794**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	4192	2180	52.0	0.002262	**10.1355**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	15179	12810	84.4	0.014112	**184.4052**	ug/L
	Cu	63	85	31947	26764	83.8	0.029686	**192.2155**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1280961	332276	25.9	1280960.906863		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	431	291	67.6	0.000048	**50.2201**	ug/L
	Se	82	-3	737	606	82.2	0.000142	**108.6363**	ug/L
	Sr	88	94	10401	8573	82.4	0.001960	**11.7712**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1643	1373	83.6	0.000270	**7.0602**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	6309591	1747003	27.7	6309590.598512		ug/L
	Sn	120	17270	32160	10453	32.5	-0.000401	**-10.7716**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	871	575	66.1	0.000135	**0.7742**	ug/L
	Ce	140	36	56	16	28.5	-0.000002	**0.0003**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	170.439
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	180.618
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	199.629
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-20
Sample Description: 50x
Batch ID: B121547

Sample Date/Time: Friday, September 14, 2012 23:04:31
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 301

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-20.218
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	7332881	169811	2.3	4.872027	**80189.7939**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	588681	16601	2.8	0.336396	**65672.0328**	ug/L
>	Sc	45	1256607	1507791	83819	5.6	1507790.871914		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	5255	94	1.8	-0.001271	**-5.4350**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	9397	703	7.5	0.005962	**26.8670**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	28708	1056	3.7	0.031416	**410.9168**	ug/L
	Cu	63	85	60810	1838	3.0	0.066584	**431.1245**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	911525	8735	1.0	911525.194454		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	879	234	26.6	0.000155	**165.6905**	ug/L
	Se	82	-3	1510	354	23.5	0.000325	**247.1335**	ug/L
	Sr	88	94	87906	2584	2.9	0.018805	**114.4917**	ug/L
	Y	89	67						ug/L
	Mo	98	144	2306	101	4.4	0.000449	**11.6252**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4667358	80826	1.7	4667357.713520		ug/L
	Sn	120	17270	27061	1385	5.1	0.000332	**-0.4484**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1854	65	3.5	0.000370	**2.2357**	ug/L
	Ce	140	36	55	4	6.8	0.000001	**0.0152**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	119.989
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	128.526
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	147.671
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVD

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 23:06:29
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCVC.219
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	11863871	155426	1.3	6.258060	**2060.1176**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	1116742	17612	1.6	0.534126	**2082.6544**	ug/L
>	Sc	45	1256607	1896116	45918	2.4	1896116.154284		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	193108	5527	2.9	0.097080	**10.2428**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	567812	6142	1.1	0.299247	**27.0639**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	41996	368	0.9	0.040489	**10.5938**	ug/L
	Cu	63	85	85415	619	0.7	0.082388	**10.6690**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1035502	22961	2.2	1035501.600683		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	4803	118	2.5	0.000934	**20.0311**	ug/L
	Se	82	-3	6541	209	3.2	0.001318	**20.0212**	ug/L
	Sr	88	94	443970	4777	1.1	0.089397	**10.8994**	ug/L
	Y	89	67						ug/L
	Mo	98	144	49095	789	1.6	0.009843	**5.0240**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4966481	145268	2.9	4966480.534190		ug/L
	Sn	120	17270	117748	1687	1.4	0.018252	**5.0358**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	921234	21300	2.3	0.185491	**23.0973**	ug/L
	Ce	140	36	45798	959	2.1	0.009212	**0.9192**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	150.892
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	146.007
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	157.135
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBD

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 23:08:27
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCBC.220
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	1817	377	20.7	0.000821	**0.0559**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	40046	183	0.5	-0.034172	**-128.1572**	ug/L
>	Sc	45	1256607	1931149	54244	2.8	1931148.869510		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2350	23	1.0	-0.003545	**-0.3480**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1219	47	3.9	0.000345	**0.0293**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	80	13	15.9	-0.000000	**-0.0067**	ug/L
	Cu	63	85	314	4	1.3	0.000176	**0.0228**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1058885	35444	3.3	1058884.520687		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	119	16	13.1	-0.000009	**-0.2196**	ug/L
	Se	82	-3	26	7	25.7	0.000006	**0.1078**	ug/L
	Sr	88	94	205	13	6.5	0.000011	**-0.0022**	ug/L
	Y	89	67						ug/L
	Mo	98	144	167	38	23.0	-0.000012	**-0.0026**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5024205	159884	3.2	5024205.271298		ug/L
	Sn	120	17270	27639	976	3.5	0.000037	**-0.0922**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	165	26	15.9	0.000006	**-0.0006**	ug/L
	Ce	140	36	45	1	2.5	-0.000002	**0.0000**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	153.680
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	149.304
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	158.961
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-21

Sample Description: 50x
Batch ID: B121547

Sample Date/Time: Friday, September 14, 2012 23:10:26
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 302

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-21.221
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	5516577	32001	0.6	3.594912	**59166.6617**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	503772	12176	2.4	0.273358	**53410.3730**	ug/L
>	Sc	45	1256607	1534845	32678	2.1	1534844.658734		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4163	89	2.1	-0.002050	**-9.5335**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	10687	36	0.3	0.006678	**30.1053**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	20845	363	1.7	0.022650	**296.1726**	ug/L
	Cu	63	85	43396	628	1.4	0.047188	**305.5397**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	917291	3548	0.4	917290.955181		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	516	10	2.0	0.000078	**82.7464**	ug/L
	Se	82	-3	995	21	2.1	0.000215	**163.8924**	ug/L
	Sr	88	94	64897	1908	2.9	0.013934	**84.7906**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1934	54	2.8	0.000370	**9.6342**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4650858	103240	2.2	4650858.486708		ug/L
	Sn	120	17270	27046	709	2.6	0.000352	**-0.1678**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	2114	57	2.7	0.000428	**2.5949**	ug/L
	Ce	140	36	76	8	11.0	0.000005	**0.0373**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	122.142
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	129.339
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	147.149
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-22

Sample Description: 50x
Batch ID: B121547

Sample Date/Time: Friday, September 14, 2012 23:12:22
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 303

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-22.222
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	7888803	58113	0.7	5.099934	**83941.4671**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	552412	3694	0.7	0.302217	**59023.7874**	ug/L
>	Sc	45	1256607	1547893	53666	3.5	1547893.313426		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4742	40	0.8	-0.001697	**-7.6736**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	7879	230	2.9	0.004806	**21.6384**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	32844	872	2.7	0.034760	**454.6923**	ug/L
	Cu	63	85	68438	2048	3.0	0.072475	**469.2663**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	943138	29840	3.2	943138.407351		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	566	27	4.7	0.000084	**89.7901**	ug/L
	Se	82	-3	1095	22	2.0	0.000228	**174.1029**	ug/L
	Sr	88	94	18047	403	2.2	0.003721	**22.5089**	ug/L
	Y	89	67						ug/L
	Mo	98	144	3394	116	3.4	0.000659	**17.0019**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4820944	250309	5.2	4820944.475860		ug/L
	Sn	120	17270	29247	2112	7.2	0.000599	**3.3046**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	2236	19	0.8	0.000438	**2.6567**	ug/L
	Ce	140	36	266	12	4.5	0.000044	**0.2317**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	123.180
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	132.984
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	152.530
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-23
Sample Description: 50x
Batch ID: B121547

Sample Date/Time: Friday, September 14, 2012 23:14:18
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 304

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-23.223
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	6854848	225221	3.3	4.487621	**73861.9238**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	477930	13157	2.8	0.257963	**50415.7331**	ug/L
>	Sc	45	1256607	1527430	10032	0.7	1527429.694672		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4217	131	3.1	-0.002002	**-9.2784**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	7123	320	4.5	0.004376	**19.6935**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	22587	957	4.2	0.024251	**317.1239**	ug/L
	Cu	63	85	47756	2084	4.4	0.051312	**332.2388**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	928277	12319	1.3	928277.248019		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	719	46	6.5	0.000122	**129.5917**	ug/L
	Se	82	-3	983	18	1.8	0.000212	**161.9484**	ug/L
	Sr	88	94	22607	1006	4.5	0.004835	**29.3070**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1621	41	2.6	0.000303	**7.9212**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4646606	24842	0.5	4646605.516734		ug/L
	Sn	120	17270	26253	673	2.6	0.000186	**-2.5048**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	2318	37	1.6	0.000472	**2.8698**	ug/L
	Ce	140	36	41	5	12.1	-0.000003	**-0.0004**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	121.552
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	130.889
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	147.014
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-24

Sample Description: 50x
Batch ID: B121547

Sample Date/Time: Friday, September 14, 2012 23:16:15
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 305

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-24.224
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	6727475	141393	2.1	4.617781	**76004.5406**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	503315	13313	2.6	0.290772	**56797.6206**	ug/L
>	Sc	45	1256607	1465305	125880	8.6	1465304.649248		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	6762	341	5.0	-0.000110	**0.6750**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	12190	708	5.8	0.008100	**36.5337**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	25736	520	2.0	0.027124	**354.7377**	ug/L
	Cu	63	85	54299	1324	2.4	0.057263	**370.7718**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	946412	29356	3.1	946412.229107		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	1310	313	23.9	0.000247	**263.6080**	ug/L
	Se	82	-3	3098	432	13.9	0.000663	**503.9916**	ug/L
	Sr	88	94	31278	783	2.5	0.006668	**40.4823**	ug/L
	Y	89	67						ug/L
	Mo	98	144	2017	87	4.3	0.000386	**10.0311**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4670466	142785	3.1	4670466.441813		ug/L
	Sn	120	17270	25152	873	3.5	-0.000074	**-6.1659**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	648	9	1.4	0.000112	**0.6278**	ug/L
	Ce	140	36	42	6	14.1	-0.000002	**0.0005**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	116.608
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	133.446
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	147.769
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-25

Sample Description: 50x
Batch ID: B121547

Sample Date/Time: Friday, September 14, 2012 23:18:10
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 306

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-25.225
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	5972268	202397	3.4	3.737696	**61517.0809**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	468478	13725	2.9	0.238317	**46594.3764**	ug/L
>	Sc	45	1256607	1597867	53007	3.3	1597866.960243		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	5297	116	2.2	-0.001447	**-6.3578**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	10912	645	5.9	0.006539	**29.4743**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	25387	1104	4.3	0.027088	**354.2631**	ug/L
	Cu	63	85	54094	1471	2.7	0.057779	**374.1101**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	934384	29542	3.2	934383.538521		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	646	28	4.4	0.000108	**114.5280**	ug/L
	Se	82	-3	2358	77	3.3	0.000514	**391.1410**	ug/L
	Sr	88	94	41313	1408	3.4	0.008965	**54.4891**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1870	44	2.4	0.000362	**9.4070**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4593191	158795	3.5	4593191.166745		ug/L
	Sn	120	17270	27601	966	3.5	0.000547	**2.5672**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1035	43	4.2	0.000198	**1.1667**	ug/L
	Ce	140	36	49	4	7.7	-0.000001	**0.0096**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	127.157
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	131.750
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	145.324
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234009-26
Sample Description: 50x
Batch ID: B121547

Sample Date/Time: Friday, September 14, 2012 23:20:06
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 307

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234009-26.226
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	5195684	1697655	32.7	4.182785	**68843.8849**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	405629	112166	27.7	0.271522	**53053.2095**	ug/L
>	Sc	45	1256607	1244617	27601	2.2	1244616.598709		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	5031	781	15.5	-0.000715	**-2.5096**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	9262	2340	25.3	0.007164	**32.3022**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	20761	6547	31.5	0.023856	**311.9549**	ug/L
	Cu	63	85	43784	13669	31.2	0.050343	**325.9649**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	902287	128087	14.2	902287.027418		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	775	154	19.9	0.000150	**159.9802**	ug/L
	Se	82	-3	2104	545	25.9	0.000502	**381.7767**	ug/L
	Sr	88	94	28474	8414	29.6	0.006788	**41.2117**	ug/L
	Y	89	67						ug/L
	Mo	98	144	2511	715	28.5	0.000555	**14.3390**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4276909	414899	9.7	4276908.822092		ug/L
	Sn	120	17270	21824	610	2.8	-0.000337	**-9.8712**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	780	190	24.3	0.000159	**0.9227**	ug/L
	Ce	140	36	38	9	23.4	-0.000002	**0.0006**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	99.046
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	127.224
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	135.317
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121547-DUP1

Sample Description: 50x
Batch ID: B121547

Sample Date/Time: Friday, September 14, 2012 23:22:02
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 308

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121547-DUP1.227
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	4597597	38954	0.8	3.032197	**49903.5613**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	358321	11594	3.2	0.181259	**35496.0006**	ug/L
>	Sc	45	1256607	1517438	59629	3.9	1517437.958664		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3928	50	1.3	-0.002171	**-10.1712**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	5765	146	2.5	0.003513	**15.7917**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	15947	293	1.8	0.017302	**226.1598**	ug/L
	Cu	63	85	33775	1230	3.6	0.036672	**237.4491**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	918197	29636	3.2	918197.067611		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	523	24	4.5	0.000087	**92.9003**	ug/L
	Se	82	-3	1361	59	4.3	0.000314	**239.3046**	ug/L
	Sr	88	94	36500	1407	3.9	0.008375	**50.8936**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1602	21	1.3	0.000324	**8.4377**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4344046	176804	4.1	4344045.869797		ug/L
	Sn	120	17270	24379	370	1.5	0.000153	**-2.9732**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	803	21	2.6	0.000158	**0.9154**	ug/L
	Ce	140	36	39	4	11.2	-0.000002	**0.0009**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	120.757
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	129.467
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	137.441
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121547-MS1

Sample Description: 50x
Batch ID: B121547

Sample Date/Time: Friday, September 14, 2012 23:23:58
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 309

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121547-MS1.228
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	4694341	154242	3.3	2.869306	**47222.1523**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	367825	6069	1.6	0.169967	**33299.5382**	ug/L
>	Sc	45	1256607	1635709	33518	2.0	1635708.658271		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4059	45	1.1	-0.002280	**-10.7454**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	5708	210	3.7	0.003202	**14.3845**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	27175	733	2.7	0.028695	**375.3061**	ug/L
	Cu	63	85	57023	995	1.7	0.060259	**390.1716**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	944617	27131	2.9	944617.223018		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	469	24	5.1	0.000070	**74.6238**	ug/L
	Se	82	-3	1290	88	6.8	0.000285	**217.0772**	ug/L
	Sr	88	94	37459	1859	5.0	0.008227	**49.9898**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1615	88	5.4	0.000310	**8.1007**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4536246	196902	4.3	4536245.662324		ug/L
	Sn	120	17270	25445	959	3.8	0.000146	**-3.0680**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	836	17	2.0	0.000157	**0.9117**	ug/L
	Ce	140	36	47	3	6.8	-0.000001	**0.0080**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	130.169
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	133.193
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	143.522
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121547-MSD1

Sample Description: 50x
Batch ID: B121547

Sample Date/Time: Friday, September 14, 2012 23:25:53
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 310

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121547-MSD1.229
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	5138952	2296574	44.7	3.252093	**53523.3664**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	394719	165375	41.9	0.193686	**37913.2837**	ug/L
>	Sc	45	1256607	1838665	641109	34.9	1838665.360031		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3973	707	17.8	-0.002367	**-11.1996**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	5817	2045	35.1	0.003332	**14.9714**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	24967	11354	45.5	0.027075	**354.0959**	ug/L
	Cu	63	85	52328	23437	44.8	0.056716	**367.2330**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1059445	348328	32.9	1059445.483464		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	477	150	31.4	0.000071	**75.3709**	ug/L
	Se	82	-3	1321	644	48.8	0.000298	**226.6470**	ug/L
	Sr	88	94	40437	17305	42.8	0.008980	**54.5813**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1849	782	42.3	0.000366	**9.5093**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5053722	1479224	29.3	5053721.785185		ug/L
	Sn	120	17270	28542	8491	29.7	0.000179	**-2.6057**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	913	327	35.8	0.000174	**1.0159**	ug/L
	Ce	140	36	45	9	20.0	-0.000002	**0.0020**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	146.320
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	149.383
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	159.895
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121547-DUP2

Sample Description: 50x
Batch ID: B121547

Sample Date/Time: Friday, September 14, 2012 23:27:49
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 311

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121547-DUP2.230
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	6371130	327735	5.1	4.118939	**67792.8867**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	447562	18555	4.1	0.234540	**45859.8199**	ug/L
>	Sc	45	1256607	1546779	80598	5.2	1546779.014806		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3906	83	2.1	-0.002235	**-10.5035**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	6929	387	5.6	0.004192	**18.8611**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	20979	1321	6.3	0.022314	**291.7663**	ug/L
	Cu	63	85	44178	2120	4.8	0.047056	**304.6853**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	936882	54974	5.9	936882.270203		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	678	34	5.0	0.000119	**126.9593**	ug/L
	Se	82	-3	881	69	7.8	0.000198	**151.3902**	ug/L
	Sr	88	94	20930	948	4.5	0.004668	**28.2879**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1428	74	5.2	0.000275	**7.1955**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4455111	191262	4.3	4455111.134849		ug/L
	Sn	120	17270	25646	815	3.2	0.000294	**-0.9811**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	2211	44	2.0	0.000470	**2.8583**	ug/L
	Ce	140	36	48	2	3.2	-0.000001	**0.0095**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	123.092
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	132.102
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	140.955
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121547-MS2

Sample Description: 50x
Batch ID: B121547

Sample Date/Time: Friday, September 14, 2012 23:29:44
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 312

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121547-MS2.231
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	5515813	2105259	38.2	3.015330	**49625.9054**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	384159	132870	34.6	0.153860	**30166.5491**	ug/L
>	Sc	45	1256607	2070099	654513	31.6	2070099.245349		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3735	605	16.2	-0.002796	**-13.4604**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	6001	1657	27.6	0.002932	**13.1621**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	27678	10438	37.7	0.025430	**332.5666**	ug/L
	Cu	63	85	57564	20483	35.6	0.052770	**341.6833**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1198693	322986	26.9	1198692.681491		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	520	175	33.7	0.000067	**71.5478**	ug/L
	Se	82	-3	703	264	37.6	0.000137	**104.8984**	ug/L
	Sr	88	94	17750	6335	35.7	0.003411	**20.6190**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1276	405	31.7	0.000200	**5.2978**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5672400	1504730	26.5	5672399.727788		ug/L
	Sn	120	17270	30857	7938	25.7	-0.000016	**-5.3565**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1759	549	31.2	0.000311	**1.8715**	ug/L
	Ce	140	36	51	6	11.2	-0.000002	**0.0022**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	164.737
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	169.018
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	179.469
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121547-MSD2

Sample Description: 50x
Batch ID: B121547

Sample Date/Time: Friday, September 14, 2012 23:31:40
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 313

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121547-MSD2.232
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	7961733	1322165	16.6	4.720794	**77700.2749**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	542287	96600	17.8	0.267637	**52297.4427**	ug/L
>	Sc	45	1256607	1805424	469472	26.0	1805423.775773		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4369	334	7.6	-0.002203	**-10.3366**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	7871	1368	17.4	0.004395	**19.7799**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	36410	5987	16.4	0.033878	**443.1546**	ug/L
	Cu	63	85	75811	13600	17.9	0.070671	**457.5864**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1106829	177092	16.0	1106828.566598		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	952	475	49.9	0.000153	**163.4203**	ug/L
	Se	82	-3	1243	687	55.3	0.000245	**186.9081**	ug/L
	Sr	88	94	26203	4299	16.4	0.005032	**30.5026**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1820	359	19.7	0.000307	**8.0072**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5294554	666364	12.6	5294553.899744		ug/L
	Sn	120	17270	28661	5088	17.8	-0.000068	**-6.0870**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	2549	432	17.0	0.000465	**2.8302**	ug/L
	Ce	140	36	48	9	19.5	-0.000002	**0.0007**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	143.674
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	156.065
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	167.515
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVE

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 23:33:38
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCVD.233
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	12636592	205883	1.6	6.327858	**2083.0970**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	1210332	23680	2.0	0.551132	**2148.8122**	ug/L
>	Sc	45	1256607	1997556	62204	3.1	1997555.968431		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	203312	5352	2.6	0.097028	**10.2374**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	611377	15421	2.5	0.305813	**27.6578**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	44598	1547	3.5	0.040590	**10.6204**	ug/L
	Cu	63	85	90282	2265	2.5	0.082215	**10.6467**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1096581	31166	2.8	1096581.249443		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	5060	133	2.6	0.000974	**20.8836**	ug/L
	Se	82	-3	6756	8	0.1	0.001346	**20.4426**	ug/L
	Sr	88	94	460576	7945	1.7	0.091649	**11.1739**	ug/L
	Y	89	67						ug/L
	Mo	98	144	50258	450	0.9	0.009959	**5.0832**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5025559	125503	2.5	5025558.675436		ug/L
	Sn	120	17270	119188	694	0.6	0.018261	**5.0384**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	926056	12643	1.4	0.184278	**22.9462**	ug/L
	Ce	140	36	46452	494	1.1	0.009234	**0.9214**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	158.964
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	154.620
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	159.004
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBE

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 23:35:36
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCBD.234
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	2244	939	41.8	0.000994	**0.1127**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	36009	419	1.2	-0.037262	**-140.1755**	ug/L
>	Sc	45	1256607	2044681	117456	5.7	2044680.786227		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2164	41	1.9	-0.003702	**-0.3645**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1289	91	7.1	0.000346	**0.0294**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	76	7	8.9	-0.000007	**-0.0085**	ug/L
	Cu	63	85	290	31	10.5	0.000140	**0.0182**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1118024	48174	4.3	1118024.499667		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	126	17	13.2	-0.000008	**-0.1977**	ug/L
	Se	82	-3	20	3	17.0	0.000005	**0.0901**	ug/L
	Sr	88	94	230	24	10.6	0.000015	**-0.0017**	ug/L
	Y	89	67						ug/L
	Mo	98	144	190	12	6.2	-0.000009	**-0.0007**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5135791	318022	6.2	5135791.391882		ug/L
	Sn	120	17270	27763	1329	4.8	-0.000053	**-0.1175**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	187	60	32.0	0.000010	**-0.0001**	ug/L
	Ce	140	36	54	6	10.8	-0.000001	**0.0002**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	162.714
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	157.643
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	162.491
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121541-BLK1

Sample Description:
Batch ID: B121541

Sample Date/Time: Friday, September 14, 2012 23:37:35
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 308

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121541-BLK1.235
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	877714	99623	11.4	0.272931	**89.6420**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	98814	8847	9.0	-0.024191	**-89.3273**	ug/L
>	Sc	45	1256607	3220976	71712	2.2	3220975.848456		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2904	225	7.8	-0.003861	**-0.3813**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2089	124	5.9	0.000362	**0.0308**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	2826	279	9.9	0.001384	**0.3558**	ug/L
	Cu	63	85	5986	816	13.6	0.002970	**0.3847**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1935543	55782	2.9	1935542.990494		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	172	37	21.6	-0.000014	**-0.3177**	ug/L
	Se	82	-3	155	57	37.0	0.000018	**0.2888**	ug/L
	Sr	88	94	6489	826	12.7	0.000689	**0.0804**	ug/L
	Y	89	67						ug/L
	Mo	98	144	356	37	10.5	-0.000006	**0.0005**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	9020061	202515	2.2	9020061.268577		ug/L
	Sn	120	17270	47555	522	1.1	-0.000191	**-0.1562**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	306	14	4.6	0.000007	**-0.0005**	ug/L
	Ce	140	36	66	7	10.7	-0.000004	**-0.0002**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	256.323
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	272.915
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	285.386
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121541-BLK2

Sample Description:

Batch ID: B121541

Sample Date/Time: Friday, September 14, 2012 23:39:31
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 309

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121541-BLK2.236
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	4337092	1658413	38.2	2.899944	**954.5300**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	350765	117864	33.6	0.178293	**698.3802**	ug/L
>	Sc	45	1256607	1608147	331966	20.6	1608146.649517		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3883	653	16.8	-0.002229	**-0.2095**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	5093	1534	30.1	0.003074	**0.2762**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	25383	9302	36.6	0.022571	**5.9028**	ug/L
	Cu	63	85	52929	20001	37.8	0.047180	**6.1097**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1231711	321651	26.1	1231711.479816		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	551	169	30.6	0.000073	**1.5403**	ug/L
	Se	82	-3	1355	507	37.4	0.000263	**4.0041**	ug/L
	Sr	88	94	35374	13170	37.2	0.006814	**0.8275**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1538	524	34.1	0.000250	**0.1315**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5658866	1424555	25.2	5658865.686406		ug/L
	Sn	120	17270	27002	5524	20.5	-0.000658	**-0.2878**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	774	215	27.8	0.000121	**0.0137**	ug/L
	Ce	140	36	57	25	43.4	-0.000001	**0.0001**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	127.975
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	173.673
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	179.041
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121541-BLK3

Sample Description:

Batch ID: B121541

Sample Date/Time: Friday, September 14, 2012 23:41:26
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 310

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121541-BLK3.237
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	7834459	109558	1.4	4.425042	**1456.6356**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	581758	11248	1.9	0.273640	**1069.3050**	ug/L
>	Sc	45	1256607	1771157	57461	3.2	1771157.052574		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	5191	91	1.7	-0.001831	**-0.1676**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	8101	500	6.2	0.004284	**0.3856**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	38498	881	2.3	0.038516	**10.0772**	ug/L
	Cu	63	85	80404	485	0.6	0.080495	**10.4239**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	997512	16762	1.7	997511.670414		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	591	30	5.1	0.000089	**1.8882**	ug/L
	Se	82	-3	1992	42	2.1	0.000412	**6.2695**	ug/L
	Sr	88	94	62453	807	1.3	0.012856	**1.5644**	ug/L
	Y	89	67						ug/L
	Mo	98	144	2670	43	1.6	0.000505	**0.2614**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4847069	86190	1.8	4847069.276952		ug/L
	Sn	120	17270	26768	683	2.6	0.000059	**-0.0859**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1253	11	0.9	0.000231	**0.0275**	ug/L
	Ce	140	36	40	3	6.2	-0.000003	**-0.0001**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	140.948
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	140.651
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	153.357
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121541-BLK4

Sample Description:

Batch ID: B121541

Sample Date/Time: Friday, September 14, 2012 23:43:22
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 311

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121541-BLK4.238
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	6871032	112106	1.6	4.162312	**1370.1373**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	476550	7017	1.5	0.233764	**914.1778**	ug/L
>	Sc	45	1256607	1662144	175921	10.6	1662144.082441		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4231	60	1.4	-0.002195	**-0.2059**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	7255	218	3.0	0.004103	**0.3692**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	22446	190	0.8	0.022059	**5.7686**	ug/L
	Cu	63	85	47335	654	1.4	0.046549	**6.0280**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1014359	17425	1.7	1014359.293808		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	638	79	12.4	0.000099	**2.1078**	ug/L
	Se	82	-3	874	95	10.9	0.000182	**2.7740**	ug/L
	Sr	88	94	22693	95	0.4	0.004659	**0.5647**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1434	17	1.2	0.000251	**0.1316**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4841127	107431	2.2	4841126.602418		ug/L
	Sn	120	17270	26304	1002	3.8	-0.000031	**-0.1114**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	2279	13	0.6	0.000444	**0.0539**	ug/L
	Ce	140	36	43	3	8.1	-0.000002	**0.0000**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	132.272
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	143.026
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	153.169
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121541-BS1

Sample Description:
Batch ID: B121541

Sample Date/Time: Friday, September 14, 2012 23:45:17
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 312

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121541-BS1.239
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	6995684	47765	0.7	3.970105	**1306.8575**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	471129	4680	1.0	0.212503	**831.4674**	ug/L
>	Sc	45	1256607	1762512	40409	2.3	1762512.194747		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4166	34	0.8	-0.002398	**-0.2272**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	7019	184	2.6	0.003695	**0.3323**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	35101	388	1.1	0.034300	**8.9734**	ug/L
	Cu	63	85	72374	414	0.6	0.070765	**9.1639**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1021370	26288	2.6	1021370.187062		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	581	8	1.4	0.000087	**1.8468**	ug/L
	Se	82	-3	720	21	2.9	0.000150	**2.2878**	ug/L
	Sr	88	94	23269	257	1.1	0.004778	**0.5791**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1618	40	2.5	0.000288	**0.1509**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4843661	182818	3.8	4843661.159259		ug/L
	Sn	120	17270	26400	914	3.5	-0.000013	**-0.1062**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	2241	66	3.0	0.000436	**0.0530**	ug/L
	Ce	140	36	39	4	9.1	-0.000003	**-0.0001**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	140.260
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	144.015
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	153.249
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-34

Sample Description:
Batch ID: B121541

Sample Date/Time: Friday, September 14, 2012 23:47:13
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 313

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-34.240
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	8816240	160660	1.8	5.121169	**1685.8205**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	589669	5975	1.0	0.287798	**1124.3819**	ug/L
>	Sc	45	1256607	1723371	83987	4.9	1723370.639226		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4675	48	1.0	-0.002047	**-0.1903**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	8619	284	3.3	0.004717	**0.4247**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	39867	487	1.2	0.040067	**10.4834**	ug/L
	Cu	63	85	83373	564	0.7	0.083837	**10.8567**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	993352	24938	2.5	993352.464812		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	649	58	8.9	0.000099	**2.1011**	ug/L
	Se	82	-3	922	76	8.2	0.000188	**2.8704**	ug/L
	Sr	88	94	29096	479	1.6	0.005868	**0.7121**	ug/L
	Y	89	67						ug/L
	Mo	98	144	1914	33	1.7	0.000342	**0.1784**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4934315	114793	2.3	4934314.629172		ug/L
	Sn	120	17270	28050	1118	4.0	0.000226	**-0.0389**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	2829	72	2.6	0.000546	**0.0667**	ug/L
	Ce	140	36	46	6	13.2	-0.000002	**0.0001**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	137.145
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	140.064
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	156.117
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234002-03
Sample Description:
Batch ID: B121541

Sample Date/Time: Friday, September 14, 2012 23:49:10
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 314

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234002-03.241
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	870	513	58.9	0.000315	**-0.1107**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	35307	383	1.1	-0.037337	**-140.4667**	ug/L
>	Sc	45	1256607	2009999	68880	3.4	2009999.488410		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2228	64	2.9	-0.003653	**-0.3593**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1375	101	7.4	0.000399	**0.0342**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	88	6	6.9	0.000004	**-0.0057**	ug/L
	Cu	63	85	354	62	17.5	0.000202	**0.0261**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1104898	36538	3.3	1104898.184988		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	120	8	6.8	-0.000009	**-0.2153**	ug/L
	Se	82	-3	9	8	85.9	0.000003	**0.0563**	ug/L
	Sr	88	94	167	7	4.1	0.000003	**-0.0032**	ug/L
	Y	89	67						ug/L
	Mo	98	144	48	18	36.8	-0.000036	**-0.0147**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5026543	142532	2.8	5026542.969355		ug/L
	Sn	120	17270	27917	513	1.8	0.000091	**-0.0769**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	153	4	2.4	0.000003	**-0.0009**	ug/L
	Ce	140	36	43	6	12.9	-0.000003	**-0.0000**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	159.954
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	155.792
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	159.035
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-01
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Friday, September 14, 2012 23:51:06
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 315

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-01.242
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	292	30	10.2	0.000019	**-41.6302**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	34160	338	1.0	-0.038203	**-28767.1538**	ug/L
>	Sc	45	1256607	2043780	43422	2.1	2043780.406147		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2106	83	3.9	-0.003731	**-73.5212**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1031	60	5.8	0.000218	**3.5549**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	77	10	12.4	-0.000007	**-1.7112**	ug/L
	Cu	63	85	224	19	8.4	0.000079	**2.0489**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1124431	27062	2.4	1124430.747678		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	113	5	4.4	-0.000011	**-49.4969**	ug/L
	Se	82	-3	11	9	81.0	0.000003	**12.7918**	ug/L
	Sr	88	94	170	7	4.2	0.000004	**-0.6291**	ug/L
	Y	89	67						ug/L
	Mo	98	144	40	12	29.4	-0.000038	**-3.1098**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5058738	146579	2.9	5058737.582946		ug/L
	Sn	120	17270	28334	343	1.2	0.000139	**-12.6655**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	147	14	9.7	0.000002	**-0.2243**	ug/L
	Ce	140	36	45	3	7.1	-0.000002	**0.0029**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	162.643
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	158.547
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	160.054
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVF

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 23:53:04
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCVE.243
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	61468263	1225258	2.0	31.631704	**10413.8455**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	5215133	99080	1.9	2.628086	**10228.6356**	ug/L
>	Sc	45	1256607	1945843	97102	5.0	1945843.248421		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	395656	9896	2.5	0.198757	**20.9444**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2918518	53587	1.8	1.501257	**135.7814**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	210295	4915	2.3	0.199563	**52.2416**	ug/L
	Cu	63	85	423242	11153	2.6	0.401717	**52.0213**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1053753	36267	3.4	1053752.888604		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	9691	153	1.6	0.001936	**41.5202**	ug/L
	Se	82	-3	13301	43	0.3	0.002705	**41.0682**	ug/L
	Sr	88	94	2193209	54091	2.5	0.445519	**54.3324**	ug/L
	Y	89	67						ug/L
	Mo	98	144	246192	2539	1.0	0.049990	**25.5014**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4924746	201730	4.1	4924746.472037		ug/L
	Sn	120	17270	207183	4005	1.9	0.036632	**10.2105**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	4809147	101825	2.1	0.977077	**121.6711**	ug/L
	Ce	140	36	224534	4854	2.2	0.045614	**4.5504**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	154.849
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	148.581
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	155.814
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBF

Sample Description:
Batch ID:

Sample Date/Time: Friday, September 14, 2012 23:55:02
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCBE.244
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	5350	3106	58.1	0.002547	**0.6240**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	34999	303	0.9	-0.037625	**-141.5900**	ug/L
>	Sc	45	1256607	2024876	53922	2.7	2024875.789230		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2091	37	1.8	-0.003729	**-0.3674**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1218	235	19.3	0.000317	**0.0267**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	89	17	19.2	0.000003	**-0.0060**	ug/L
	Cu	63	85	213	35	16.4	0.000068	**0.0088**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1135631	37014	3.3	1135630.872282		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	146	6	4.2	-0.000005	**-0.1247**	ug/L
	Se	82	-3	35	3	7.5	0.000008	**0.1330**	ug/L
	Sr	88	94	303	91	30.0	0.000029	**-0.0001**	ug/L
	Y	89	67						ug/L
	Mo	98	144	729	120	16.4	0.000095	**0.0519**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5189534	165216	3.2	5189533.839843		ug/L
	Sn	120	17270	28040	1540	5.5	-0.000063	**-0.1203**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	410	202	49.4	0.000053	**0.0052**	ug/L
	Ce	140	36	88	19	22.2	0.000006	**0.0008**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	161.138
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	160.126
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	164.192
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-02
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Friday, September 14, 2012 23:57:01
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 316

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-02.245
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	517	68	13.2	0.000126	**-34.5822**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	34377	404	1.2	-0.038295	**-28838.6832**	ug/L
>	Sc	45	1256607	2067980	22360	1.1	2067980.314676		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2091	7	0.3	-0.003751	**-73.9460**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	842	33	3.9	0.000120	**1.7923**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	75	8	10.1	-0.000009	**-1.8138**	ug/L
	Cu	63	85	175	21	12.1	0.000034	**0.8949**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1128879	9737	0.9	1128878.567017		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	119	8	6.8	-0.000010	**-46.7573**	ug/L
	Se	82	-3	-1	7	559.9	0.000001	**5.1051**	ug/L
	Sr	88	94	176	12	6.6	0.000004	**-0.6163**	ug/L
	Y	89	67						ug/L
	Mo	98	144	226	52	23.0	-0.000002	**0.5461**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5164069	83377	1.6	5164069.335921		ug/L
	Sn	120	17270	28241	828	2.9	0.000005	**-20.2117**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	189	19	10.1	0.000009	**-0.0350**	ug/L
	Ce	140	36	42	11	26.8	-0.000003	**-0.0133**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	164.569
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	159.174
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	163.386
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121541-DUP1

Sample Description: 200x

Batch ID: B121541

Sample Date/Time: Friday, September 14, 2012 23:58:57
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 317

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121541-DUP1.246
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	359	19	5.2	0.000044	**-39.9830**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	34203	248	0.7	-0.038905	**-29313.5382**	ug/L
>	Sc	45	1256607	2135868	34780	1.6	2135867.579958		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2050	20	1.0	-0.003802	**-75.0196**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	788	48	6.0	0.000082	**1.0938**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	69	3	3.6	-0.000016	**-2.1859**	ug/L
	Cu	63	85	150	3	2.1	0.000008	**0.2199**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1168527	15439	1.3	1168527.456905		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	113	9	7.5	-0.000012	**-55.6873**	ug/L
	Se	82	-3	6	12	183.1	0.000002	**9.5044**	ug/L
	Sr	88	94	164	20	11.9	0.000001	**-0.7024**	ug/L
	Y	89	67						ug/L
	Mo	98	144	129	25	19.1	-0.000022	**-1.4695**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5388291	79870	1.5	5388291.490603		ug/L
	Sn	120	17270	29583	191	0.6	0.000027	**-19.0019**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	159	19	12.2	0.000002	**-0.2101**	ug/L
	Ce	140	36	42	2	4.8	-0.000003	**-0.0205**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	169.971
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	164.764
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	170.480
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121541-MS1

Sample Description: 200x

Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:00:53
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 318

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121541-MS1.247
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	416795	11960	2.9	0.203208	**13337.4439**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	401223	10205	2.5	0.140861	**110552.4339**	ug/L
>	Sc	45	1256607	2050404	78466	3.8	2050404.274991		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	63765	786	1.2	0.026358	**559.8602**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	25868	397	1.5	0.012338	**222.7989**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	9469	60	0.6	0.008341	**435.4175**	ug/L
	Cu	63	85	19209	402	2.1	0.016944	**438.8398**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1125854	32565	2.9	1125854.430322		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	1166	60	5.1	0.000197	**841.6021**	ug/L
	Se	82	-3	1503	65	4.3	0.000298	**906.5417**	ug/L
	Sr	88	94	47995	819	1.7	0.009432	**229.3462**	ug/L
	Y	89	67						ug/L
	Mo	98	144	4120	117	2.8	0.000766	**78.9073**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5079801	276167	5.4	5079801.472806		ug/L
	Sn	120	17270	81672	1867	2.3	0.010633	**578.1791**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	38723	301	0.8	0.007611	**189.2814**	ug/L
	Ce	140	36	9613	92	1.0	0.001884	**37.6415**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	163.170
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	158.747
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	160.720
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121541-MSD1

Sample Description: 200x

Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:02:49
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 319

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121541-MSD1.248
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	14153	169	1.2	0.006801	**404.9238**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	56593	342	0.6	-0.027238	**-20236.0463**	ug/L
>	Sc	45	1256607	2047451	100263	4.9	2047450.565325		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2046	54	2.6	-0.003762	**-74.1742**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	902	24	2.7	0.000154	**2.4069**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	82	10	12.3	-0.000003	**-1.4834**	ug/L
	Cu	63	85	184	4	2.4	0.000043	**1.1208**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1129064	61236	5.4	1129063.914824		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	123	11	8.6	-0.000009	**-43.0279**	ug/L
	Se	82	-3	11	8	75.8	0.000003	**12.2820**	ug/L
	Sr	88	94	1552	28	1.8	0.000271	**5.8845**	ug/L
	Y	89	67						ug/L
	Mo	98	144	93	22	23.1	-0.000028	**-2.0805**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5174486	234343	4.5	5174486.446561		ug/L
	Sn	120	17270	27973	1965	7.0	-0.000062	**-24.0170**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	442	20	4.5	0.000058	**1.1858**	ug/L
	Ce	140	36	47	8	17.4	-0.000002	**0.0056**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	162.935
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	159.200
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	163.716
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-03
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:04:45
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 320

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-03.249
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	51782	696	1.3	0.024358	**1560.9846**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	45313	368	0.8	-0.033495	**-25104.0782**	ug/L
>	Sc	45	1256607	2118914	107596	5.1	2118914.057793		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	1925	17	0.9	-0.003853	**-76.0770**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1209	15	1.3	0.000284	**4.7614**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	146	10	6.9	0.000051	**1.3534**	ug/L
	Cu	63	85	335	26	7.8	0.000170	**4.4127**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1153019	49663	4.3	1153018.588301		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	130	12	9.0	-0.000008	**-39.1026**	ug/L
	Se	82	-3	6	8	132.3	0.000002	**9.2119**	ug/L
	Sr	88	94	1868	32	1.7	0.000327	**7.2625**	ug/L
	Y	89	67						ug/L
	Mo	98	144	78	11	14.7	-0.000031	**-2.4051**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5244572	348689	6.6	5244572.274797		ug/L
	Sn	120	17270	27775	1812	6.5	-0.000168	**-29.9431**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	389	28	7.3	0.000047	**0.9116**	ug/L
	Ce	140	36	66	8	12.2	0.000001	**0.0744**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	168.622
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	162.577
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	165.933
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-04
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:06:41
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 321

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-04.250
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	31685478	446432	1.4	15.698112	**1033610.4613**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	969436	16785	1.7	0.425377	**331919.2554**	ug/L
>	Sc	45	1256607	2018467	18083	0.9	2018467.404029		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	5591	181	3.2	-0.001993	**-36.9281**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2753	85	3.1	0.001077	**19.0949**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	165	16	9.4	0.000074	**2.5545**	ug/L
	Cu	63	85	3315	40	1.2	0.002891	**74.8666**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1100921	17491	1.6	1100920.721198		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	273	9	3.4	0.000021	**85.4561**	ug/L
	Se	82	-3	240	38	15.7	0.000048	**149.3606**	ug/L
	Sr	88	94	1373286	14079	1.0	0.270040	**6586.1390**	ug/L
	Y	89	67						ug/L
	Mo	98	144	489	14	3.0	0.000051	**5.9039**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5086979	143440	2.8	5086978.615963		ug/L
	Sn	120	17270	27863	215	0.8	0.000016	**-19.6106**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1548	33	2.1	0.000277	**6.6320**	ug/L
	Ce	140	36	38	5	12.0	-0.000004	**-0.0284**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	160.628
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	155.232
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	160.947
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-05
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:08:36
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 322

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-05.251
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	31807798	603448	1.9	16.034135	**1055736.0838**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	967812	15565	1.6	0.432860	**337741.0488**	ug/L
>	Sc	45	1256607	1984716	59628	3.0	1984716.352556		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	5671	44	0.8	-0.001903	**-35.0421**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2631	38	1.5	0.001039	**18.4091**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	170	20	11.8	0.000083	**3.0306**	ug/L
	Cu	63	85	3320	112	3.4	0.002983	**77.2723**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1069731	37581	3.5	1069730.756169		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	275	19	7.1	0.000022	**90.6756**	ug/L
	Se	82	-3	266	25	9.2	0.000054	**167.2046**	ug/L
	Sr	88	94	1363244	36455	2.7	0.272161	**6637.8835**	ug/L
	Y	89	67						ug/L
	Mo	98	144	492	23	4.6	0.000052	**6.0992**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5009593	166205	3.3	5009592.607829		ug/L
	Sn	120	17270	27342	358	1.3	-0.000002	**-20.6028**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1565	120	7.7	0.000285	**6.8251**	ug/L
	Ce	140	36	48	8	16.3	-0.000002	**0.0146**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	157.942
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	150.834
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	158.499
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-06
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:10:32
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 323

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-06.252
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	31840797	305223	1.0	15.928497	**1048780.3115**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	977410	14359	1.5	0.434061	**338675.6126**	ug/L
>	Sc	45	1256607	1999136	17387	0.9	1999136.118109		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	5691	72	1.3	-0.001916	**-35.3076**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2689	34	1.3	0.001058	**18.7525**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	188	14	7.7	0.000100	**3.9075**	ug/L
	Cu	63	85	3463	147	4.2	0.003122	**80.8525**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1068295	7685	0.7	1068294.740714		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	286	36	12.6	0.000023	**97.5355**	ug/L
	Se	82	-3	243	26	10.7	0.000049	**151.9363**	ug/L
	Sr	88	94	1399766	5450	0.4	0.276747	**6749.7467**	ug/L
	Y	89	67						ug/L
	Mo	98	144	489	23	4.6	0.000051	**5.9474**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5057503	24775	0.5	5057503.114323		ug/L
	Sn	120	17270	27925	613	2.2	0.000058	**-17.2651**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1631	26	1.6	0.000295	**7.0857**	ug/L
	Ce	140	36	36	7	19.2	-0.000004	**-0.0341**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	159.090
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	150.631
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	160.014
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-07
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:12:27
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 324

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-07.253
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	31442912	667452	2.1	15.200126	**1000820.1699**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	993439	34945	3.5	0.425437	**331965.8766**	ug/L
>	Sc	45	1256607	2069108	33374	1.6	2069107.908865		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	5800	152	2.6	-0.001959	**-36.2145**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	63291	998	1.6	0.030304	**547.7947**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	175	19	10.8	0.000083	**3.0257**	ug/L
	Cu	63	85	3460	93	2.7	0.003014	**78.0667**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1104190	9588	0.9	1104189.588406		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	273	12	4.2	0.000019	**79.5564**	ug/L
	Se	82	-3	255	30	11.8	0.000050	**154.3551**	ug/L
	Sr	88	94	1463090	39324	2.7	0.280446	**6839.9742**	ug/L
	Y	89	67						ug/L
	Mo	98	144	469	12	2.6	0.000044	**5.2679**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5216750	63427	1.2	5216749.566695		ug/L
	Sn	120	17270	29191	1160	4.0	0.000130	**-13.1634**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	96858	2600	2.7	0.018539	**461.4466**	ug/L
	Ce	140	36	50	14	27.4	-0.000002	**0.0142**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	164.658
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	155.692
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	165.053
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-08
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:14:24
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 325

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-08.254
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	32461034	269474	0.8	16.654067	**1096555.9916**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	1002235	18221	1.8	0.459139	**358187.3092**	ug/L
>	Sc	45	1256607	1953091	113920	5.8	1953091.395712		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	5725	33	0.6	-0.001825	**-33.3917**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	63576	1196	1.9	0.032357	**584.9296**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	181	11	6.0	0.000099	**3.8378**	ug/L
	Cu	63	85	3410	75	2.2	0.003152	**81.6339**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1042668	44126	4.2	1042668.498568		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	297	10	3.3	0.000028	**116.1787**	ug/L
	Se	82	-3	259	29	11.2	0.000054	**165.9533**	ug/L
	Sr	88	94	1472663	28718	2.0	0.301295	**7348.5260**	ug/L
	Y	89	67						ug/L
	Mo	98	144	472	14	3.0	0.000051	**5.9321**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4897034	302769	6.2	4897034.497001		ug/L
	Sn	120	17270	25818	2315	9.0	-0.000198	**-31.6660**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	98055	728	0.7	0.020046	**498.9854**	ug/L
	Ce	140	36	45	5	11.0	-0.000002	**0.0069**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	155.426
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	147.018
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	154.937
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVG

Sample Description:

Batch ID:

Sample Date/Time: Saturday, September 15, 2012 00:16:21
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCVF.255
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	60761469	580434	1.0	29.985583	**9871.8956**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	5207291	84798	1.6	2.514485	**9786.7035**	ug/L
>	Sc	45	1256607	2026876	45827	2.3	2026876.122679		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	393004	8002	2.0	0.189149	**19.9331**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2956290	58895	2.0	1.458404	**131.9056**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	213498	3814	1.8	0.196452	**51.4271**	ug/L
	Cu	63	85	436417	2813	0.6	0.401650	**52.0127**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1086311	15016	1.4	1086310.778610		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	9673	136	1.4	0.001866	**40.0210**	ug/L
	Se	82	-3	13384	246	1.8	0.002629	**39.9120**	ug/L
	Sr	88	94	2173514	34980	1.6	0.426670	**52.0335**	ug/L
	Y	89	67						ug/L
	Mo	98	144	243811	4871	2.0	0.047821	**24.3952**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5094057	83231	1.6	5094057.329728		ug/L
	Sn	120	17270	206953	4140	2.0	0.035162	**9.7966**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	4818406	115452	2.4	0.945817	**117.7784**	ug/L
	Ce	140	36	225754	2603	1.2	0.044311	**4.4205**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	161.297
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	153.172
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	161.171
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBG

Sample Description:
Batch ID:

Sample Date/Time: Saturday, September 15, 2012 00:18:19
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 10

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCBF.256
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	8022	3844	47.9	0.003687	**0.9993**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	34934	703	2.0	-0.038263	**-144.0695**	ug/L
>	Sc	45	1256607	2097027	28333	1.4	2097026.531474		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2183	53	2.4	-0.003722	**-0.3666**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1056	182	17.2	0.000215	**0.0176**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	79	16	19.7	-0.000006	**-0.0083**	ug/L
	Cu	63	85	245	34	13.9	0.000095	**0.0123**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1139883	16089	1.4	1139883.227971		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	134	8	6.0	-0.000008	**-0.1895**	ug/L
	Se	82	-3	30	13	44.3	0.000006	**0.1133**	ug/L
	Sr	88	94	401	117	29.3	0.000045	**0.0019**	ug/L
	Y	89	67						ug/L
	Mo	98	144	703	117	16.6	0.000085	**0.0473**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5348817	77615	1.5	5348817.203238		ug/L
	Sn	120	17270	34965	1206	3.4	0.001072	**0.1992**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	487	235	48.3	0.000064	**0.0066**	ug/L
	Ce	140	36	97	27	27.6	0.000007	**0.0009**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	166.880
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	160.725
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	169.231
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-09
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:20:18
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 326

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-09.257
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	22159051	498911	2.3	10.574983	**696274.3531**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	707998	15425	2.2	0.282946	**221101.0349**	ug/L
>	Sc	45	1256607	2095381	30264	1.4	2095380.853469		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4630	108	2.3	-0.002553	**-48.7104**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2620	18	0.7	0.000963	**17.0407**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	147	12	8.1	0.000056	**1.6119**	ug/L
	Cu	63	85	2447	126	5.2	0.002080	**53.8822**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1111776	9476	0.9	1111775.710295		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	248	17	6.9	0.000014	**54.9463**	ug/L
	Se	82	-3	181	25	13.5	0.000035	**109.6005**	ug/L
	Sr	88	94	967643	20397	2.1	0.182442	**4449.4392**	ug/L
	Y	89	67						ug/L
	Mo	98	144	537	73	13.5	0.000056	**6.4387**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5303987	74427	1.4	5303986.716465		ug/L
	Sn	120	17270	29425	449	1.5	0.000084	**-15.7814**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1396	54	3.9	0.000236	**5.6092**	ug/L
	Ce	140	36	66	6	9.2	0.000001	**0.0710**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	166.749
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	156.762
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	167.813
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-10
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:22:14
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 327

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-10.258
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	21612586	148588	0.7	10.873503	**715930.6298**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	692562	8256	1.2	0.293485	**229300.6711**	ug/L
>	Sc	45	1256607	1994462	139539	7.0	1994461.874863		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4671	79	1.7	-0.002415	**-45.8046**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	3244	25	0.8	0.001344	**23.9363**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	135	18	13.5	0.000049	**1.2166**	ug/L
	Cu	63	85	2415	25	1.0	0.002110	**54.6509**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1084723	57856	5.3	1084723.244667		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	245	20	8.0	0.000016	**66.3503**	ug/L
	Se	82	-3	171	8	4.4	0.000035	**109.7148**	ug/L
	Sr	88	94	960837	9959	1.0	0.192457	**4693.7168**	ug/L
	Y	89	67						ug/L
	Mo	98	144	453	17	3.8	0.000045	**5.3327**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5007755	349363	7.0	5007755.259181		ug/L
	Sn	120	17270	26405	1995	7.6	-0.000192	**-31.3021**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1371	40	2.9	0.000248	**5.8963**	ug/L
	Ce	140	36	50	11	21.4	-0.000001	**0.0261**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	158.718
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	152.948
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	158.440
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-11
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:24:10
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 328

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-11.259
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	10609	10415	98.2	0.004734	**268.8131**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	37219	783	2.1	-0.043212	**-32664.5308**	ug/L
>	Sc	45	1256607	4188703	2157737	51.5	4188703.427895		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2405	212	8.8	-0.003976	**-78.6706**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	904	323	35.8	-0.000038	**-1.0657**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	64	10	15.9	-0.000041	**-3.4564**	ug/L
	Cu	63	85	207	19	9.1	-0.000004	**-0.0924**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	2306193	1249146	54.2	2306193.056579		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	102	29	28.6	-0.000022	**-98.6796**	ug/L
	Se	82	-3	6	17	259.7	0.000002	**9.5895**	ug/L
	Sr	88	94	582	224	38.5	0.000053	**0.5828**	ug/L
	Y	89	67						ug/L
	Mo	98	144	113	52	46.1	-0.000034	**-2.7356**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	10690039	5558880	52.0	10690038.938403	ug/L
	Sn	120	17270	60589	27290	45.0	0.000465	**5.6643** ug/L
	Sb	121	224					ug/L
	Cs	133	20					ug/L
	Ba	138	86	199	84	42.2	-0.000008	**-0.4579** ug/L
	Ce	140	36	83	24	29.0	-0.000003	**-0.0011** ug/L
>	Tm	169	2730830					ug/L
	Tl	205	25					ug/L
	Pb	208	143					ug/L
	Bi	209	261					ug/L
	Th	232	199					ug/L
	U	238	16					ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	333.334
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	325.177
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	338.222
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-12
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:26:07
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 329

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-12.260
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	31391945	863178	2.7	15.216626	**1001906.6692**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	975979	22999	2.4	0.418190	**326327.1014**	ug/L
>	Sc	45	1256607	2062726	26602	1.3	2062726.335265		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	5910	119	2.0	-0.001897	**-34.9168**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	3107	116	3.7	0.001219	**21.6629**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	173	7	3.8	0.000080	**2.8510**	ug/L
	Cu	63	85	3357	150	4.5	0.002891	**74.8918**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1114102	21195	1.9	1114102.490887		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	305	29	9.6	0.000025	**104.6860**	ug/L
	Se	82	-3	258	31	12.2	0.000050	**155.3900**	ug/L
	Sr	88	94	1363508	16437	1.2	0.260492	**6353.2456**	ug/L
	Y	89	67						ug/L
	Mo	98	144	511	34	6.7	0.000052	**6.0574**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5233946	80391	1.5	5233946.001700		ug/L
	Sn	120	17270	29184	918	3.1	0.000111	**-14.2609**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1692	42	2.5	0.000296	**7.1025**	ug/L
	Ce	140	36	39	6	14.0	-0.000004	**-0.0260**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	164.150
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	157.090
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	165.597
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121541-DUP2

Sample Description: 200x

Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:28:03
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 330

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121541-DUP2.261
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	1840768	22157	1.2	0.854224	**56204.0598**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	105298	1145	1.1	-0.006048	**-3749.5346**	ug/L
>	Sc	45	1256607	2157331	106039	4.9	2157331.487723		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2440	32	1.3	-0.003629	**-71.3735**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2409	32	1.3	0.000831	**14.6454**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	81	3	3.1	-0.000006	**-1.6668**	ug/L
	Cu	63	85	417	11	2.5	0.000234	**6.0757**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1175791	39564	3.4	1175790.732345		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	129	11	8.2	-0.000009	**-42.2056**	ug/L
	Se	82	-3	14	12	84.1	0.000003	**13.4639**	ug/L
	Sr	88	94	81827	1705	2.1	0.015151	**368.8574**	ug/L
	Y	89	67						ug/L
	Mo	98	144	100	2	2.0	-0.000027	**-2.0164**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5393422	190912	3.5	5393422.122654		ug/L
	Sn	120	17270	29659	1003	3.4	0.000035	**-18.5146**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	886	45	5.1	0.000137	**3.1440**	ug/L
	Ce	140	36	49	5	10.8	-0.000002	**0.0057**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	171.679
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	165.788
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	170.643
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121541-MS2

Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:29:59
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 331

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121541-MS2.262
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	77399	1186	1.5	0.034918	**2256.3271**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	54498	389	0.7	-0.030244	**-22574.7114**	ug/L
>	Sc	45	1256607	2209954	72920	3.3	2209953.565728		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2187	85	3.9	-0.003772	**-74.3713**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2347	31	1.3	0.000776	**13.6515**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	77	8	9.9	-0.000012	**-1.9367**	ug/L
	Cu	63	85	193	11	5.8	0.000041	**1.0670**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1195832	22998	1.9	1195831.636312		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	122	11	9.1	-0.000011	**-50.4392**	ug/L
	Se	82	-3	-2	4	221.0	0.000001	**4.9815**	ug/L
	Sr	88	94	8965	58	0.6	0.001600	**38.3027**	ug/L
	Y	89	67						ug/L
	Mo	98	144	77	10	13.6	-0.000032	**-2.4820**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5503232	126075	2.3	5503232.412959		ug/L
	Sn	120	17270	30179	1240	4.1	0.000018	**-19.4641**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	683	12	1.7	0.000097	**2.1443**	ug/L
	Ce	140	36	50	2	4.2	-0.000002	**0.0040**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	175.867
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	168.614
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	174.117
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121541-MSD2

Sample Description: 200x

Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:31:55
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 332

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121541-MSD2.263
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	481102	6602	1.4	0.222500	**14607.7543**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	65519	598	0.9	-0.024598	**-18181.7482**	ug/L
>	Sc	45	1256607	2161952	71051	3.3	2161951.576346		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2268	8	0.4	-0.003713	**-73.1320**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1995	53	2.7	0.000636	**11.1261**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	62	3	4.8	-0.000022	**-2.4838**	ug/L
	Cu	63	85	196	19	9.5	0.000049	**1.2731**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1156185	22268	1.9	1156185.282314		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	128	20	15.7	-0.000009	**-43.9055**	ug/L
	Se	82	-3	23	10	45.0	0.000005	**18.8114**	ug/L
	Sr	88	94	25845	350	1.4	0.004766	**115.5305**	ug/L
	Y	89	67						ug/L
	Mo	98	144	69	16	22.7	-0.000033	**-2.6119**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5392483	141994	2.6	5392482.942206		ug/L
	Sn	120	17270	30236	1037	3.4	0.000143	**-12.4457**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	687	47	6.9	0.000100	**2.2238**	ug/L
	Ce	140	36	46	6	11.9	-0.000003	**-0.0048**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	172.047
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	163.024
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	170.613
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-13
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:33:50
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 333

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-13.264
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	26538029	491195	1.9	13.120995	**863918.3035**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	823942	20037	2.4	0.352365	**275112.1727**	ug/L
>	Sc	45	1256607	2023394	53038	2.6	2023393.796662		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	5325	142	2.7	-0.002129	**-39.7867**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2781	79	2.9	0.001088	**19.3079**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	161	14	8.6	0.000073	**2.4863**	ug/L
	Cu	63	85	2743	145	5.3	0.002411	**62.4575**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1083055	22122	2.0	1083054.809408		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	276	14	5.2	0.000021	**87.0565**	ug/L
	Se	82	-3	204	33	16.1	0.000041	**127.2945**	ug/L
	Sr	88	94	1157439	36687	3.2	0.226979	**5535.8029**	ug/L
	Y	89	67						ug/L
	Mo	98	144	407	33	8.0	0.000034	**4.2294**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5099717	172403	3.4	5099717.019761		ug/L
	Sn	120	17270	28296	646	2.3	0.000086	**-15.6605**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1570	62	3.9	0.000281	**6.7242**	ug/L
	Ce	140	36	43	6	14.5	-0.000003	**-0.0073**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	161.020
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	152.712
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	161.350
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-14
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:35:46
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 334

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-14.265
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	4934902	22717	0.5	2.400795	**158039.1619**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	194324	2040	1.1	0.039610	**31774.4631**	ug/L
>	Sc	45	1256607	2056573	64002	3.1	2056573.328056		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2833	86	3.0	-0.003384	**-66.2025**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	5143	91	1.8	0.002214	**39.6746**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	85	11	13.1	-0.000000	**-1.3382**	ug/L
	Cu	63	85	688	14	2.0	0.000490	**12.7036**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1126174	11345	1.0	1126174.432641		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	153	20	13.3	-0.000004	**-18.5804**	ug/L
	Se	82	-3	48	17	36.3	0.000010	**33.8126**	ug/L
	Sr	88	94	220034	2531	1.2	0.042474	**1035.3155**	ug/L
	Y	89	67						ug/L
	Mo	98	144	118	16	13.4	-0.000023	**-1.5961**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5176754	49440	1.0	5176754.423798		ug/L
	Sn	120	17270	29493	927	3.1	0.000232	**-7.4202**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	785	7	0.9	0.000124	**2.8283**	ug/L
	Ce	140	36	46	5	9.7	-0.000002	**0.0024**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	163.661
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	158.792
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	163.787
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-15
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:37:42
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 335

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-15.266
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	75817	1444	1.9	0.036980	**2392.0397**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	53237	76	0.1	-0.028863	**-21500.2469**	ug/L
>	Sc	45	1256607	2044011	56422	2.8	2044011.319280		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2224	61	2.7	-0.003674	**-72.3139**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2650	58	2.2	0.001009	**17.8775**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	70	16	22.3	-0.000014	**-2.0631**	ug/L
	Cu	63	85	190	24	12.8	0.000048	**1.2370**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1130924	39055	3.5	1130923.989945		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	123	11	8.8	-0.000009	**-42.6288**	ug/L
	Se	82	-3	11	9	76.3	0.000003	**12.7992**	ug/L
	Sr	88	94	9053	84	0.9	0.001735	**41.5915**	ug/L
	Y	89	67						ug/L
	Mo	98	144	48	15	32.0	-0.000036	**-2.9625**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5135988	219494	4.3	5135988.250665		ug/L
	Sn	120	17270	28858	2016	7.0	0.000153	**-11.9095**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	733	28	3.9	0.000116	**2.6128**	ug/L
	Ce	140	36	47	12	25.2	-0.000002	**0.0071**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	162.661
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	159.462
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	162.498
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVH

Sample Description:
Batch ID:

Sample Date/Time: Saturday, September 15, 2012 00:39:39
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCVG.267
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	59688061	1027842	1.7	29.681510	**9771.7860**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	5108200	76745	1.5	2.485302	**9673.1739**	ug/L
>	Sc	45	1256607	2011272	47988	2.4	2011272.384335		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	380073	6043	1.6	0.184232	**19.4157**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2901543	10669	0.4	1.442905	**130.5037**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	208924	2272	1.1	0.196765	**51.5090**	ug/L
	Cu	63	85	430206	2603	0.6	0.405164	**52.4678**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1061587	13241	1.2	1061587.191997		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	9531	311	3.3	0.001821	**39.0425**	ug/L
	Se	82	-3	13024	136	1.0	0.002533	**38.4653**	ug/L
	Sr	88	94	2152856	33642	1.6	0.418415	**51.0266**	ug/L
	Y	89	67						ug/L
	Mo	98	144	243068	2866	1.2	0.047211	**24.0839**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5146832	156028	3.0	5146831.888670		ug/L
	Sn	120	17270	205626	2443	1.2	0.034510	**9.6130**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	4843276	96567	2.0	0.941376	**117.2254**	ug/L
	Ce	140	36	225088	4547	2.0	0.043735	**4.3630**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	160.056
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	149.685
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	162.841
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBH

Sample Description:
Batch ID:

Sample Date/Time: Saturday, September 15, 2012 00:41:37
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 10

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCBG.268
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	5781	2873	49.7	0.002644	**0.6559**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	34875	397	1.1	-0.038229	**-143.9386**	ug/L
>	Sc	45	1256607	2089463	17517	0.8	2089462.507752		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2112	61	2.9	-0.003752	**-0.3698**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	831	171	20.6	0.000111	**0.0081**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	80	13	16.1	-0.000004	**-0.0077**	ug/L
	Cu	63	85	195	25	12.8	0.000053	**0.0069**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1123223	9878	0.9	1123223.338291		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	125	11	8.8	-0.000010	**-0.2241**	ug/L
	Se	82	-3	43	9	20.0	0.000009	**0.1511**	ug/L
	Sr	88	94	320	83	25.9	0.000030	**0.0001**	ug/L
	Y	89	67						ug/L
	Mo	98	144	737	112	15.1	0.000093	**0.0510**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5332831	58101	1.1	5332830.629508		ug/L
	Sn	120	17270	34675	488	1.4	0.001038	**0.1898**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	358	180	50.4	0.000040	**0.0036**	ug/L
	Ce	140	36	86	26	30.3	0.000005	**0.0007**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	166.278
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	158.376
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	168.726
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-16
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:43:37
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 336

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-16.269
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	76930	1994	2.6	0.036756	**2377.3552**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	53794	695	1.3	-0.029143	**-21718.5964**	ug/L
>	Sc	45	1256607	2089697	86777	4.2	2089697.169246		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2154	82	3.8	-0.003732	**-73.5271**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2572	58	2.2	0.000945	**16.7213**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	71	13	17.6	-0.000013	**-2.0248**	ug/L
	Cu	63	85	161	10	6.0	0.000020	**0.5245**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1143788	41487	3.6	1143788.260514		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	117	7	6.2	-0.000011	**-51.8587**	ug/L
	Se	82	-3	16	10	60.0	0.000004	**15.1050**	ug/L
	Sr	88	94	8700	531	6.1	0.001590	**38.0736**	ug/L
	Y	89	67						ug/L
	Mo	98	144	233	52	22.3	-0.000002	**0.5346**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5385933	244067	4.5	5385933.286422		ug/L
	Sn	120	17270	29481	1466	5.0	0.000009	**-19.9757**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	668	16	2.4	0.000097	**2.1477**	ug/L
	Ce	140	36	58	6	10.2	-0.000001	**0.0374**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	166.297
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	161.276
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	170.406
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-17
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:45:33
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 337

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-17.270
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	402432	15492	3.8	0.192713	**12646.4333**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	81928	1682	2.1	-0.015642	**-11214.1774**	ug/L
>	Sc	45	1256607	2088000	91323	4.4	2087999.741023		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2114	30	1.4	-0.003749	**-73.8864**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	65823	2278	3.5	0.031263	**565.1411**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	71	8	10.6	-0.000012	**-1.9475**	ug/L
	Cu	63	85	152	7	4.4	0.000016	**0.4196**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1114674	45177	4.1	1114674.439771		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	112	13	11.6	-0.000012	**-55.0830**	ug/L
	Se	82	-3	1	7	701.4	0.000001	**6.3320**	ug/L
	Sr	88	94	126538	3381	2.7	0.023741	**578.3735**	ug/L
	Y	89	67						ug/L
	Mo	98	144	132	29	21.6	-0.000021	**-1.3946**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5335250	284096	5.3	5335250.352058		ug/L
	Sn	120	17270	29441	1670	5.7	0.000053	**-17.4938**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	99396	3167	3.2	0.018629	**463.6916**	ug/L
	Ce	140	36	64	7	11.4	0.000001	**0.0626**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	166.162
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	157.171
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	168.802
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-18
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:47:30
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 338

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-18.271
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	405970	7437	1.8	0.195589	**12835.7990**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	81740	951	1.2	-0.015513	**-11113.4375**	ug/L
>	Sc	45	1256607	2074213	26101	1.3	2074212.558234		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2118	72	3.4	-0.003741	**-73.7268**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	64987	2304	3.5	0.031038	**561.0652**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	68	5	6.9	-0.000015	**-2.1077**	ug/L
	Cu	63	85	150	11	7.3	0.000013	**0.3488**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	1123280	16228	1.4	1123279.677008		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	122	7	5.6	-0.000010	**-46.7908**	ug/L
	Se	82	-3	-5	19	383.5	-0.000000	**2.9457**	ug/L
	Sr	88	94	123627	3160	2.6	0.023294	**567.4839**	ug/L
	Y	89	67						ug/L
	Mo	98	144	102	31	30.9	-0.000026	**-1.9520**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	5300070	102872	1.9	5300070.046914		ug/L
	Sn	120	17270	29373	372	1.3	0.000078	**-16.0879**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	97574	2127	2.2	0.018382	**457.5452**	ug/L
	Ce	140	36	112	6	5.2	0.000010	**0.2445**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	165.064
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	158.384
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	167.689
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-19
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:49:27
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 339

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-19.272
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	4543655	114005	2.5	2.742977	**180570.3846**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	175946	3468	2.0	0.051302	**40871.8531**	ug/L
>	Sc	45	1256607	1656296	8732	0.5	1656296.254376		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2701	33	1.2	-0.003132	**-60.9085**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2097	49	2.3	0.000979	**17.3235**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	70	3	3.8	0.000001	**-1.2676**	ug/L
	Cu	63	85	522	29	5.5	0.000454	**11.7494**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	910325	2326	0.3	910325.134955		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	133	17	12.6	-0.000002	**-10.5781**	ug/L
	Se	82	-3	48	15	30.8	0.000012	**40.2222**	ug/L
	Sr	88	94	196319	3251	1.7	0.046230	**1126.9310**	ug/L
	Y	89	67						ug/L
	Mo	98	144	140	10	7.4	-0.000013	**-0.5341**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4244636	58616	1.4	4244636.285233		ug/L
	Sn	120	17270	23963	310	1.3	0.000181	**-10.2923**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	751	22	3.0	0.000150	**3.4612**	ug/L
	Ce	140	36	47	9	19.4	-0.000000	**0.0433**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	131.807
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	128.357
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	134.296
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-20
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:51:23
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 340

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-20.273
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	9574776	169246	1.8	6.032812	**397191.8704**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	323741	6233	1.9	0.149076	**116944.5939**	ug/L
>	Sc	45	1256607	1587016	19210	1.2	1587015.738840		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3069	52	1.7	-0.002829	**-54.5211**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2076	30	1.4	0.001021	**18.0901**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	74	16	21.3	0.000008	**-0.9259**	ug/L
	Cu	63	85	987	68	6.9	0.000990	**25.6518**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	887770	32410	3.7	887769.584962		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	140	13	9.3	0.000001	**1.3634**	ug/L
	Se	82	-3	41	6	13.5	0.000011	**36.1908**	ug/L
	Sr	88	94	412033	9694	2.4	0.100721	**2456.0916**	ug/L
	Y	89	67						ug/L
	Mo	98	144	189	9	4.6	0.000001	**0.8044**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4090652	132931	3.2	4090651.704100		ug/L
	Sn	120	17270	22920	719	3.1	0.000139	**-12.6726**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	890	32	3.5	0.000191	**4.4795**	ug/L
	Ce	140	36	42	6	15.0	-0.000001	**0.0299**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	126.294
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	125.177
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	129.424
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-21
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:53:19
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 341

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-21.274
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	15282193	83749	0.5	9.393993	**618511.2685**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	487406	12170	2.5	0.244602	**191267.9432**	ug/L
>	Sc	45	1256607	1627180	31919	2.0	1627180.085948		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3652	38	1.0	-0.002518	**-47.9794**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2451	66	2.7	0.001219	**21.6671**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	106	5	4.9	0.000044	**0.9551**	ug/L
	Cu	63	85	1578	88	5.5	0.001662	**43.0471**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	885274	24754	2.8	885273.851701		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	165	6	3.9	0.000006	**22.1217**	ug/L
	Se	82	-3	105	13	12.2	0.000026	**81.4873**	ug/L
	Sr	88	94	656983	11805	1.8	0.155659	**3796.1454**	ug/L
	Y	89	67						ug/L
	Mo	98	144	262	38	14.4	0.000016	**2.4196**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4219943	59892	1.4	4219942.811547		ug/L
	Sn	120	17270	22958	720	3.1	-0.000025	**-21.8899**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1066	42	3.9	0.000225	**5.3427**	ug/L
	Ce	140	36	42	5	11.7	-0.000001	**0.0242**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	129.490
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	124.825
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	133.515
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-22

Sample Description: 200x

Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:55:15
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 342

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-22.275
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	23468114	469548	2.0	15.330903	**1009431.3110**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	718313	6702	0.9	0.414319	**323315.0789**	ug/L
>	Sc	45	1256607	1532924	62488	4.1	1532923.889809		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4373	2	0.0	-0.001906	**-35.1087**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2609	70	2.7	0.001417	**25.2529**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	135	11	8.1	0.000085	**3.0936**	ug/L
	Cu	63	85	2310	80	3.5	0.002626	**68.0051**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	842122	20325	2.4	842121.846798		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	212	16	7.7	0.000021	**85.2831**	ug/L
	Se	82	-3	148	8	5.6	0.000038	**119.6916**	ug/L
	Sr	88	94	996634	27581	2.8	0.252576	**6160.1609**	ug/L
	Y	89	67						ug/L
	Mo	98	144	383	40	10.3	0.000051	**5.9922**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3947621	128110	3.2	3947621.494038		ug/L
	Sn	120	17270	22503	56	0.2	0.000240	**-6.9695**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1354	85	6.3	0.000316	**7.5956**	ug/L
	Ce	140	36	34	5	15.2	-0.000003	**-0.0054**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	121.989
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	118.741
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	124.899
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121541-DUP3

Sample Description: 200x

Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:57:11
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 343

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121541-DUP3.276
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	21976608	360192	1.6	14.145207	**931358.2778**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	671775	10967	1.6	0.377514	**294679.5619**	ug/L
>	Sc	45	1256607	1555033	69613	4.5	1555033.318380		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4298	35	0.8	-0.001994	**-36.9541**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2467	63	2.5	0.001300	**23.1432**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	115	16	13.5	0.000058	**1.7063**	ug/L
	Cu	63	85	2133	62	2.9	0.002360	**61.1302**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	860697	30663	3.6	860697.059643		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	231	31	13.4	0.000025	**101.9498**	ug/L
	Se	82	-3	130	18	14.0	0.000033	**104.5288**	ug/L
	Sr	88	94	933053	14338	1.5	0.233726	**5700.3597**	ug/L
	Y	89	67						ug/L
	Mo	98	144	351	27	7.7	0.000042	**5.0460**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3996639	190835	4.8	3996639.331190		ug/L
	Sn	120	17270	22022	1090	5.0	0.000046	**-17.9230**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1268	43	3.4	0.000290	**6.9570**	ug/L
	Ce	140	36	33	10	30.2	-0.000003	**-0.0100**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	123.749
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	121.360
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	126.450
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121541-MS3

Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 00:59:07
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 344

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121541-MS3.277
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	20346542	456800	2.2	12.481840	**821832.7298**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	625873	14951	2.4	0.329085	**256999.3914**	ug/L
>	Sc	45	1256607	1630149	24654	1.5	1630148.660030		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4326	107	2.5	-0.002109	**-39.3744**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2903	50	1.7	0.001494	**26.6430**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	123	17	13.6	0.000063	**1.9717**	ug/L
	Cu	63	85	2077	22	1.0	0.002224	**57.6138**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	885642	9488	1.1	885641.779354		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	218	6	2.9	0.000019	**80.0056**	ug/L
	Se	82	-3	134	33	24.6	0.000033	**104.1568**	ug/L
	Sr	88	94	874191	38119	4.4	0.210405	**5131.5104**	ug/L
	Y	89	67						ug/L
	Mo	98	144	329	7	2.1	0.000034	**4.1776**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4153384	92996	2.2	4153384.036519		ug/L
	Sn	120	17270	23300	51	0.2	0.000148	**-12.1933**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1292	16	1.2	0.000284	**6.8034**	ug/L
	Ce	140	36	38	15	39.5	-0.000002	**0.0086**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	129.726
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	124.877
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	131.409
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121541-MSD3

Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 01:01:03
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 345

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121541-MSD3.278
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	24755927	745181	3.0	15.287104	**1006547.3344**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	749912	25668	3.4	0.408140	**318508.1170**	ug/L
>	Sc	45	1256607	1619171	32026	2.0	1619171.353160		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4677	61	1.3	-0.001874	**-34.4149**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2145	78	3.6	0.001037	**18.3828**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	137	12	8.7	0.000079	**2.8009**	ug/L
	Cu	63	85	2546	66	2.6	0.002759	**71.4577**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	884113	4244	0.5	884112.584890		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	231	19	8.4	0.000023	**95.2737**	ug/L
	Se	82	-3	156	8	5.0	0.000039	**120.8127**	ug/L
	Sr	88	94	1049894	20432	1.9	0.254417	**6205.0723**	ug/L
	Y	89	67						ug/L
	Mo	98	144	383	17	4.4	0.000047	**5.5558**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4127210	56846	1.4	4127210.020731		ug/L
	Sn	120	17270	22945	180	0.8	0.000096	**-15.1106**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1289	17	1.3	0.000285	**6.8312**	ug/L
	Ce	140	36	39	12	31.1	-0.000002	**0.0104**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	128.853
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	124.661
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	130.581
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVI

Sample Description:
Batch ID:

Sample Date/Time: Saturday, September 15, 2012 01:03:00
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCVH.279
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	48624690	880141	1.8	28.830224	**9491.5184**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	4056730	129259	3.2	2.350175	**9147.5007**	ug/L
>	Sc	45	1256607	1688926	65356	3.9	1688926.077589		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	304411	8114	2.7	0.175767	**18.5247**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2297784	81118	3.5	1.362587	**123.2392**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	168258	4642	2.8	0.182192	**47.6936**	ug/L
	Cu	63	85	338143	14843	4.4	0.366306	**47.4357**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	924584	33741	3.6	924584.393995		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	7759	71	0.9	0.001778	**38.1311**	ug/L
	Se	82	-3	10501	165	1.6	0.002453	**37.2408**	ug/L
	Sr	88	94	1661996	48347	2.9	0.388089	**47.3281**	ug/L
	Y	89	67						ug/L
	Mo	98	144	194364	4496	2.3	0.045342	**23.1308**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4284783	86488	2.0	4284783.173442		ug/L
	Sn	120	17270	166562	1739	1.0	0.033423	**9.3071**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	3985064	99897	2.5	0.930526	**115.8743**	ug/L
	Ce	140	36	187874	5852	3.1	0.043864	**4.3759**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	134.404
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	130.368
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	135.566
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBI

Sample Description:
Batch ID:

Sample Date/Time: Saturday, September 15, 2012 01:04:57
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 10

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCBH.280
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	5580	2297	41.2	0.003286	**0.8675**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	34614	299	0.9	-0.033776	**-126.6156**	ug/L
>	Sc	45	1256607	1637197	15315	0.9	1637196.673645		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2217	55	2.5	-0.003409	**-0.3336**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	775	135	17.4	0.000186	**0.0149**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	75	17	21.9	0.000007	**-0.0049**	ug/L
	Cu	63	85	204	37	18.1	0.000103	**0.0133**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	914153	4541	0.5	914152.777493		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	118	2	1.8	-0.000005	**-0.1318**	ug/L
	Se	82	-3	14	19	129.6	0.000004	**0.0806**	ug/L
	Sr	88	94	283	73	25.6	0.000037	**0.0009**	ug/L
	Y	89	67						ug/L
	Mo	98	144	639	82	12.8	0.000105	**0.0572**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4243225	29093	0.7	4243225.463949		ug/L
	Sn	120	17270	27995	416	1.5	0.001134	**0.2166**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	343	138	40.3	0.000054	**0.0054**	ug/L
	Ce	140	36	78	20	25.8	0.000007	**0.0009**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	130.287
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	128.897
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	134.252
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-23
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 01:06:56
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 346

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-23.281
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	21626925	340820	1.6	13.939376	**917805.1822**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	670174	5372	0.8	0.377289	**294504.0772**	ug/L
>	Sc	45	1256607	1560512	153049	9.8	1560512.270557		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4142	29	0.7	-0.002090	**-38.9807**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2475	61	2.5	0.001311	**23.3306**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	124	8	6.6	0.000069	**2.2935**	ug/L
	Cu	63	85	2104	62	2.9	0.002346	**60.7663**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	855591	62079	7.3	855590.584360		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	213	5	2.3	0.000020	**83.3844**	ug/L
	Se	82	-3	160	15	9.2	0.000041	**127.9481**	ug/L
	Sr	88	94	913514	20507	2.2	0.229170	**5589.2386**	ug/L
	Y	89	67						ug/L
	Mo	98	144	494	47	9.4	0.000078	**8.6741**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4004095	340076	8.5	4004095.357624		ug/L
	Sn	120	17270	21765	2532	11.6	-0.000038	**-22.6675**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1293	52	4.0	0.000298	**7.1428**	ug/L
	Ce	140	36	46	14	30.2	0.000000	**0.0524**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	124.185
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	120.640
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	126.686
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-24
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 01:08:51
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 347

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-24.282
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	22424941	702862	3.1	15.529257	**1022492.0846**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	675602	21278	3.1	0.412944	**322245.6970**	ug/L
>	Sc	45	1256607	1443955	10031	0.7	1443954.669009		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4138	53	1.3	-0.001897	**-34.9109**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1930	55	2.8	0.001049	**18.6025**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	119	7	6.1	0.000075	**2.5915**	ug/L
	Cu	63	85	2225	77	3.4	0.002703	**70.0189**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	787817	5161	0.7	787816.501063		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	227	9	4.1	0.000028	**118.9336**	ug/L
	Se	82	-3	116	15	12.6	0.000032	**101.6910**	ug/L
	Sr	88	94	943383	20331	2.2	0.256318	**6251.4356**	ug/L
	Y	89	67						ug/L
	Mo	98	144	420	24	5.6	0.000068	**7.7243**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3680156	13148	0.4	3680156.026529		ug/L
	Sn	120	17270	20513	143	0.7	0.000110	**-14.3110**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1168	56	4.8	0.000290	**6.9601**	ug/L
	Ce	140	36	42	8	18.0	0.000000	**0.0517**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	114.909
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	111.083
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	116.437
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-25
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 01:10:45
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 348

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-25.283
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	22931497	267472	1.2	16.103956	**1060333.5263**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	697190	10280	1.5	0.434647	**339131.6469**	ug/L
>	Sc	45	1256607	1424954	53782	3.8	1424954.273274		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4163	77	1.8	-0.001839	**-33.6904**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2326	84	3.6	0.001345	**23.9458**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	123	8	6.2	0.000079	**2.8145**	ug/L
	Cu	63	85	2279	58	2.6	0.002757	**71.4155**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	791784	15338	1.9	791784.057258		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	218	12	5.4	0.000027	**111.9596**	ug/L
	Se	82	-3	141	19	13.8	0.000040	**123.3894**	ug/L
	Sr	88	94	954873	13781	1.4	0.263275	**6421.1333**	ug/L
	Y	89	67						ug/L
	Mo	98	144	415	33	8.0	0.000069	**7.7523**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3627952	105272	2.9	3627951.537815		ug/L
	Sn	120	17270	20343	864	4.2	0.000143	**-12.4481**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1248	22	1.8	0.000317	**7.6254**	ug/L
	Ce	140	36	45	5	10.3	0.000001	**0.0694**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	113.397
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	111.643
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	114.785
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-26

Sample Description: 200x

Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 01:12:42
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 349

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-26.284
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	23352359	353107	1.5	16.444012	**1082724.7275**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	703326	17696	2.5	0.440230	**343475.2443**	ug/L
>	Sc	45	1256607	1420530	40697	2.9	1420530.015481		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4353	77	1.8	-0.001697	**-30.7041**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2337	107	4.6	0.001358	**24.1752**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	107	5	4.9	0.000060	**1.8029**	ug/L
	Cu	63	85	2303	136	5.9	0.002797	**72.4376**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	789193	11431	1.4	789193.402537		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	212	19	8.9	0.000025	**102.8387**	ug/L
	Se	82	-3	140	5	3.4	0.000039	**122.1804**	ug/L
	Sr	88	94	979593	15349	1.6	0.267877	**6533.3836**	ug/L
	Y	89	67						ug/L
	Mo	98	144	387	18	4.6	0.000060	**6.8878**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3656746	70599	1.9	3656746.236162		ug/L
	Sn	120	17270	20356	721	3.5	0.000102	**-14.7879**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1253	21	1.7	0.000315	**7.5854**	ug/L
	Ce	140	36	34	4	11.8	-0.000002	**0.0111**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	113.045
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	111.278
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	115.696
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-27
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 01:14:38
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 350

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-27.285
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	23627406	640596	2.7	16.446844	**1082911.2312**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	726560	20184	2.8	0.450839	**351729.7732**	ug/L
>	Sc	45	1256607	1436941	53195	3.7	1436940.750494		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4332	40	0.9	-0.001745	**-31.7187**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	44962	968	2.2	0.031018	**560.7104**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	117	9	7.3	0.000072	**2.4564**	ug/L
	Cu	63	85	2332	12	0.5	0.002832	**73.3520**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	789953	15469	2.0	789953.471505		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	217	10	4.4	0.000026	**107.0656**	ug/L
	Se	82	-3	142	9	6.4	0.000039	**122.9208**	ug/L
	Sr	88	94	1034268	20383	2.0	0.280515	**6841.6427**	ug/L
	Y	89	67						ug/L
	Mo	98	144	386	5	1.3	0.000059	**6.7828**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3687317	95644	2.6	3687316.764787		ug/L
	Sn	120	17270	21025	562	2.7	0.000238	**-7.1099**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	71844	2175	3.0	0.019456	**484.2813**	ug/L
	Ce	140	36	35	5	13.1	-0.000002	**0.0131**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	114.351
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	111.385
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	116.663
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-28
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 01:16:34
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 351

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-28.286
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	23793263	415622	1.7	16.486480	**1085521.0699**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	732771	8163	1.1	0.452875	**353313.6252**	ug/L
>	Sc	45	1256607	1443372	35453	2.5	1443371.626218		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4325	27	0.6	-0.001765	**-32.1364**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	45123	379	0.8	0.030989	**560.1892**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	136	9	6.3	0.000096	**3.6747**	ug/L
	Cu	63	85	2342	16	0.7	0.002827	**73.2197**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	794914	17213	2.2	794914.027932		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	214	6	2.7	0.000026	**107.8674**	ug/L
	Se	82	-3	130	22	17.3	0.000037	**114.3326**	ug/L
	Sr	88	94	1056490	18818	1.8	0.290866	**7094.1381**	ug/L
	Y	89	67						ug/L
	Mo	98	144	392	13	3.2	0.000062	**7.1015**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3633812	136126	3.7	3633812.187856		ug/L
	Sn	120	17270	20119	426	2.1	0.000075	**-16.2852**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	73772	1596	2.2	0.020283	**504.8747**	ug/L
	Ce	140	36	41	6	14.8	-0.000000	**0.0484**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	114.863
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	112.084
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	114.970
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-29
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 01:18:31
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 352

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-29.287
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	23536012	341974	1.5	16.024229	**1055083.8048**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	703995	9642	1.4	0.424361	**331128.8024**	ug/L
>	Sc	45	1256607	1469780	38481	2.6	1469779.691771		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4393	36	0.8	-0.001772	**-32.2880**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1908	69	3.6	0.001012	**17.9226**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	124	10	8.2	0.000078	**2.7403**	ug/L
	Cu	63	85	2286	34	1.5	0.002697	**69.8624**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	811285	14397	1.8	811285.312051		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	221	4	2.0	0.000026	**106.4266**	ug/L
	Se	82	-3	148	39	26.5	0.000040	**124.7176**	ug/L
	Sr	88	94	970591	25406	2.6	0.257811	**6287.8624**	ug/L
	Y	89	67						ug/L
	Mo	98	144	368	41	11.1	0.000052	**6.0762**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3766495	73130	1.9	3766495.008098	ug/L
	Sn	120	17270	26774	9986	37.3	0.001613	**70.3011** ug/L
	Sb	121	224					ug/L
	Cs	133	20					ug/L
	Ba	138	86	1238	37	3.0	0.000302	**7.2417** ug/L
	Ce	140	36	39	6	16.0	-0.000001	**0.0303** ug/L
>	Tm	169	2730830					ug/L
	Tl	205	25					ug/L
	Pb	208	143					ug/L
	Bi	209	261					ug/L
	Th	232	199					ug/L
	U	238	16					ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	116.964
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	114.393
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	119.168
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-30
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 01:20:27
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 353

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-30.288
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	23793609	655314	2.8	16.095039	**1059746.3520**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	711643	9877	1.4	0.426567	**332844.7816**	ug/L
>	Sc	45	1256607	1478190	31241	2.1	1478189.821635		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4583	54	1.2	-0.001661	**-29.9456**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1900	49	2.6	0.000998	**17.6758**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	157	14	8.9	0.000121	**5.0125**	ug/L
	Cu	63	85	2406	110	4.6	0.002905	**75.2381**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	795237	15401	1.9	795236.718041		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	221	29	12.9	0.000027	**111.3170**	ug/L
	Se	82	-3	148	10	6.9	0.000041	**126.8897**	ug/L
	Sr	88	94	972831	10396	1.1	0.262707	**6407.2710**	ug/L
	Y	89	67						ug/L
	Mo	98	144	364	9	2.6	0.000053	**6.1227**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3703738	98872	2.7	3703738.068331		ug/L
	Sn	120	17270	20618	880	4.3	0.000101	**-14.7927**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1220	29	2.4	0.000302	**7.2555**	ug/L
	Ce	140	36	39	7	16.9	-0.000001	**0.0365**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	117.633
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	112.130
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	117.183
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-31
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 01:22:24
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 354

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-31.289
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	23293100	439493	1.9	15.765724	**1038062.3928**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	699324	7378	1.1	0.418364	**326462.6323**	ug/L
>	Sc	45	1256607	1477736	26904	1.8	1477735.909920		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4549	40	0.9	-0.001684	**-30.4190**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1971	25	1.3	0.001047	**18.5506**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	122	6	4.7	0.000074	**2.5306**	ug/L
	Cu	63	85	2320	9	0.4	0.002728	**70.6531**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	814538	10705	1.3	814538.046174		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	207	12	5.6	0.000023	**95.0648**	ug/L
	Se	82	-3	144	22	15.0	0.000040	**123.7715**	ug/L
	Sr	88	94	945344	1260	0.1	0.256083	**6245.7143**	ug/L
	Y	89	67						ug/L
	Mo	98	144	379	29	7.8	0.000057	**6.5378**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3693214	105178	2.8	3693214.325850		ug/L
	Sn	120	17270	20904	729	3.5	0.000196	**-9.4508**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1220	45	3.7	0.000303	**7.2848**	ug/L
	Ce	140	36	35	8	23.4	-0.000002	**0.0140**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	117.597
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	114.851
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	116.850
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-32
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 01:24:20
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 413

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-32.290
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	23110139	417129	1.8	15.390403	**1013349.1171**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	701391	16812	2.4	0.412189	**321658.5190**	ug/L
>	Sc	45	1256607	1501711	8323	0.6	1501711.380833		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4584	42	0.9	-0.001710	**-30.9797**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	1747	80	4.6	0.000876	**15.4675**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	130	15	11.2	0.000083	**3.0387**	ug/L
	Cu	63	85	2264	52	2.3	0.002643	**68.4636**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	819386	4816	0.6	819386.439992		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	214	17	8.1	0.000024	**97.8333**	ug/L
	Se	82	-3	140	16	11.1	0.000038	**118.2079**	ug/L
	Sr	88	94	958545	21511	2.2	0.253911	**6192.7125**	ug/L
	Y	89	67						ug/L
	Mo	98	144	355	28	7.8	0.000049	**5.6969**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3775280	39708	1.1	3775279.831322		ug/L
	Sn	120	17270	21913	797	3.6	0.000341	**-1.2891**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1170	24	2.1	0.000283	**6.7696**	ug/L
	Ce	140	36	29	2	7.1	-0.000004	**-0.0210**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	119.505
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	115.535
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	119.446
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVJ

Sample Description:
Batch ID:

Sample Date/Time: Saturday, September 15, 2012 01:26:18
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCVI.291
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	45887353	1751399	3.8	30.721320	**10114.1213**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	3761743	129144	3.4	2.463534	**9588.4936**	ug/L
>	Sc	45	1256607	1493804	5757	0.4	1493803.733627		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	284733	5848	2.1	0.185858	**19.5868**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2127683	34818	1.6	1.424119	**128.8046**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	154692	3380	2.2	0.189495	**49.6056**	ug/L
	Cu	63	85	313252	4499	1.4	0.383773	**49.6977**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	816004	12678	1.6	816004.195618		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	7046	124	1.8	0.001824	**39.1141**	ug/L
	Se	82	-3	9614	248	2.6	0.002535	**38.4880**	ug/L
	Sr	88	94	1527979	33440	2.2	0.402682	**49.1079**	ug/L
	Y	89	67						ug/L
	Mo	98	144	178250	3491	2.0	0.046934	**23.9426**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3794433	15866	0.4	3794432.550490		ug/L
	Sn	120	17270	152847	3413	2.2	0.034821	**9.7005**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	3672442	89507	2.4	0.967848	**120.5219**	ug/L
	Ce	140	36	171829	6173	3.6	0.045277	**4.5168**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	118.876
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	115.058
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	120.052
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBJ

Sample Description:
Batch ID:

Sample Date/Time: Saturday, September 15, 2012 01:28:16
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 10

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCBI.292
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	5276	2817	53.4	0.003355	**0.8901**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	33314	462	1.4	-0.032994	**-123.5734**	ug/L
>	Sc	45	1256607	1519515	15170	1.0	1519515.440794		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2264	52	2.3	-0.003272	**-0.3193**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	680	139	20.5	0.000160	**0.0126**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	66	11	16.3	0.000002	**-0.0061**	ug/L
	Cu	63	85	229	41	17.8	0.000151	**0.0196**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	843706	2192	0.3	843706.220640		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	115	7	6.4	-0.000004	**-0.0975**	ug/L
	Se	82	-3	23	24	105.3	0.000007	**0.1179**	ug/L
	Sr	88	94	262	89	34.1	0.000037	**0.0009**	ug/L
	Y	89	67						ug/L
	Mo	98	144	538	66	12.2	0.000091	**0.0502**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3932800	28087	0.7	3932799.668113		ug/L
	Sn	120	17270	25543	189	0.7	0.001031	**0.1877**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	323	172	53.3	0.000055	**0.0055**	ug/L
	Ce	140	36	67	24	36.5	0.000006	**0.0008**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	120.922
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	118.964
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	124.430
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232005-33
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 01:30:15
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 414

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1232005-33.293
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	1744	67	3.8	0.001014	**23.8832**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	33323	194	0.6	-0.033177	**-24856.5594**	ug/L
>	Sc	45	1256607	1532512	13039	0.9	1532512.014684		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2260	24	1.0	-0.003288	**-64.1883**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	500	26	5.3	0.000039	**0.3208**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	52	5	8.6	-0.000014	**-2.0564**	ug/L
	Cu	63	85	168	12	6.9	0.000078	**2.0290**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	846823	12965	1.5	846823.279977		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	97	6	5.9	-0.000008	**-37.8574**	ug/L
	Se	82	-3	-5	9	190.0	-0.000000	**2.2319**	ug/L
	Sr	88	94	157	6	3.5	0.000011	**-0.4525**	ug/L
	Y	89	67						ug/L
	Mo	98	144	167	52	31.4	-0.000003	**0.4905**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3858030	22176	0.6	3858030.241313		ug/L
	Sn	120	17270	21900	452	2.1	0.000213	**-8.5334**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	120	13	10.9	0.000004	**-0.1747**	ug/L
	Ce	140	36	42	4	9.5	-0.000000	**0.0412**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	121.956
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	119.403
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	122.064
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234002-01
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 01:32:11
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 415

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234002-01.294
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	1821657	34140	1.9	1.208455	**79528.6502**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	106010	654	0.6	0.015420	**12953.3867**	ug/L
>	Sc	45	1256607	1507186	15209	1.0	1507185.526618		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2492	11	0.4	-0.003109	**-60.4191**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	4755	107	2.3	0.002867	**51.4863**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	62	7	11.3	-0.000002	**-1.4448**	ug/L
	Cu	63	85	322	25	7.7	0.000261	**6.7683**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	843335	7004	0.8	843334.945748		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	107	7	6.7	-0.000005	**-26.8500**	ug/L
	Se	82	-3	23	11	49.2	0.000007	**23.7561**	ug/L
	Sr	88	94	77401	969	1.3	0.019936	**485.5602**	ug/L
	Y	89	67						ug/L
	Mo	98	144	140	24	17.0	-0.000010	**-0.2417**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3877068	69473	1.8	3877068.126190		ug/L
	Sn	120	17270	21551	844	3.9	0.000094	**-15.2028**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	622	14	2.3	0.000133	**3.0462**	ug/L
	Ce	140	36	42	5	11.3	-0.000001	**0.0387**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	119.941
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	118.912
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	122.667
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234002-02
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 01:34:07
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 416

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234002-02.295
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	19170856	106216	0.6	12.984812	**854951.2766**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	592217	16319	2.8	0.346083	**270224.3858**	ug/L
>	Sc	45	1256607	1476708	30927	2.1	1476707.581445		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3793	50	1.3	-0.002194	**-41.1511**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2847	154	5.4	0.001640	**29.2859**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	104	9	9.0	0.000054	**1.4819**	ug/L
	Cu	63	85	1831	89	4.9	0.002164	**56.0491**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	801469	8376	1.0	801469.284000		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	188	13	6.9	0.000017	**70.2372**	ug/L
	Se	82	-3	125	20	16.3	0.000034	**107.5602**	ug/L
	Sr	88	94	798808	17706	2.2	0.213386	**5204.2324**	ug/L
	Y	89	67						ug/L
	Mo	98	144	350	32	9.3	0.000048	**5.6382**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3743516	41926	1.1	3743515.846321		ug/L
	Sn	120	17270	20810	58	0.3	0.000095	**-15.1394**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1205	11	1.0	0.000295	**7.0709**	ug/L
	Ce	140	36	34	14	40.8	-0.000002	**0.0071**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	117.515
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	113.008
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	118.441
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121541-DUP4

Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 01:36:03
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 417

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121541-DUP4.296
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	20344987	390240	1.9	12.758837	**840071.7583**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	625499	6293	1.0	0.337330	**263414.4624**	ug/L
>	Sc	45	1256607	1595155	28803	1.8	1595154.800531		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	3982	105	2.6	-0.002266	**-42.6743**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	3012	128	4.2	0.001602	**28.5906**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	110	10	9.3	0.000053	**1.4352**	ug/L
	Cu	63	85	2033	21	1.0	0.002248	**58.2244**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	858629	11751	1.4	858628.728352		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	191	14	7.4	0.000015	**59.5483**	ug/L
	Se	82	-3	137	27	19.9	0.000035	**110.6639**	ug/L
	Sr	88	94	842803	12455	1.5	0.210951	**5144.8282**	ug/L
	Y	89	67						ug/L
	Mo	98	144	379	4	1.0	0.000049	**5.7782**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3997574	114511	2.9	3997574.410413		ug/L
	Sn	120	17270	22440	422	1.9	0.000150	**-12.0373**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1233	57	4.6	0.000281	**6.7379**	ug/L
	Ce	140	36	36	3	8.3	-0.000002	**0.0039**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	126.941
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	121.068
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	126.479
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121541-MS4

Sample Description: 200x

Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 01:37:59
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 418

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121541-MS4.297
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	20411157	845723	4.1	12.715344	**837207.9378**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	636888	23157	3.6	0.341827	**266913.5589**	ug/L
>	Sc	45	1256607	1606705	37057	2.3	1606705.480388		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4076	97	2.4	-0.002224	**-41.8011**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	47902	1701	3.6	0.029553	**534.2073**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	118	15	12.9	0.000063	**1.9898**	ug/L
	Cu	63	85	1981	82	4.2	0.002209	**57.2165**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	851821	27109	3.2	851821.025007		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	198	14	6.9	0.000017	**67.6281**	ug/L
	Se	82	-3	124	10	7.9	0.000032	**100.8702**	ug/L
	Sr	88	94	915615	32767	3.6	0.230169	**5613.6055**	ug/L
	Y	89	67						ug/L
	Mo	98	144	346	25	7.3	0.000041	**4.9577**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3980591	83040	2.1	3980591.239090		ug/L
	Sn	120	17270	22352	605	2.7	0.000151	**-11.9783**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	75253	2303	3.1	0.018891	**470.2198**	ug/L
	Ce	140	36	38	12	31.6	-0.000002	**0.0138**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	127.861
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	120.108
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	125.942
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121541-MSD4

Sample Description: 200x

Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 01:39:54
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 419

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\B121541-MSD4.298
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	20621761	663137	3.2	13.721558	**903462.8510**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	641977	8226	1.3	0.372122	**290484.0837**	ug/L
>	Sc	45	1256607	1505351	60392	4.0	1505350.624594		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4105	91	2.2	-0.002031	**-37.7334**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	48009	1316	2.7	0.031661	**572.3377**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	116	7	6.2	0.000065	**2.0797**	ug/L
	Cu	63	85	2072	6	0.3	0.002393	**61.9852**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	824698	17771	2.2	824697.953865		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	200	7	3.5	0.000019	**80.2341**	ug/L
	Se	82	-3	137	8	6.2	0.000037	**115.6366**	ug/L
	Sr	88	94	922247	32920	3.6	0.242793	**5921.5319**	ug/L
	Y	89	67						ug/L
	Mo	98	144	327	11	3.4	0.000041	**4.8825**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3805994	158428	4.2	3805993.902810		ug/L
	Sn	120	17270	20653	704	3.4	-0.000036	**-22.5545**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	76420	2302	3.0	0.020089	**500.0514**	ug/L
	Ce	140	36	35	2	5.9	-0.000002	**0.0091**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	119.795
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	116.284
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	120.418
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234002-04
Sample Description: 200x
Batch ID: B121541

Sample Date/Time: Saturday, September 15, 2012 01:41:51
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.025
Autosampler Position: 425

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\1234002-04.299
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	20130582	662623	3.3	13.029679	**857905.5967**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	608757	17134	2.8	0.339078	**264774.7800**	ug/L
>	Sc	45	1256607	1547329	53557	3.5	1547328.738365		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	4144	146	3.5	-0.002083	**-38.8219**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	3034	53	1.8	0.001676	**29.9314**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	118	17	14.7	0.000065	**2.0518**	ug/L
	Cu	63	85	2015	19	0.9	0.002273	**58.8755**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	842235	16288	1.9	842235.386096		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	218	29	13.2	0.000023	**97.2046**	ug/L
	Se	82	-3	130	4	3.3	0.000035	**108.4384**	ug/L
	Sr	88	94	833106	21794	2.6	0.215705	**5260.7954**	ug/L
	Y	89	67						ug/L
	Mo	98	144	313	25	8.0	0.000035	**4.3471**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3864695	108343	2.8	3864694.731387		ug/L
	Sn	120	17270	21435	851	4.0	0.000081	**-15.9376**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	1191	38	3.2	0.000281	**6.7336**	ug/L
	Ce	140	36	38	4	11.1	-0.000002	**0.0188**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	123.135
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	118.757
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	122.275
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVK

Sample Description:
Batch ID:

Sample Date/Time: Saturday, September 15, 2012 01:43:49
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCVJ.300
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	46372140	1365953	2.9	30.273832	**9966.7953**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	3890650	81775	2.1	2.485376	**9673.4626**	ug/L
>	Sc	45	1256607	1531565	24043	1.6	1531564.744451		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	291484	7974	2.7	0.185533	**19.5526**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	2176533	38487	1.8	1.420821	**128.5063**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	157423	2833	1.8	0.188328	**49.3000**	ug/L
	Cu	63	85	324331	6124	1.9	0.388039	**50.2501**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	835562	10195	1.2	835562.163358		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	7265	241	3.3	0.001810	**38.8127**	ug/L
	Se	82	-3	10078	207	2.1	0.002558	**38.8346**	ug/L
	Sr	88	94	1572640	31481	2.0	0.398945	**48.6520**	ug/L
	Y	89	67						ug/L
	Mo	98	144	184658	4153	2.2	0.046800	**23.8743**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	3941519	50000	1.3	3941518.871742		ug/L
	Sn	120	17270	157531	4470	2.8	0.034498	**9.6096**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	3813093	96461	2.5	0.967288	**120.4521**	ug/L
	Ce	140	36	177355	2810	1.6	0.044984	**4.4876**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	121.881
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	117.816
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	124.706
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBK

Sample Description:
Batch ID:

Sample Date/Time: Saturday, September 15, 2012 01:45:47
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 10

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-CCBJ.301
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	6107	3140	51.4	0.003807	**1.0388**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	33105	269	0.8	-0.033676	**-126.2257**	ug/L
>	Sc	45	1256607	1558412	17420	1.1	1558412.012936		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2214	45	2.0	-0.003342	**-0.3266**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	739	144	19.5	0.000187	**0.0150**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	65	15	23.4	-0.000000	**-0.0068**	ug/L
	Cu	63	85	200	23	11.5	0.000112	**0.0145**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	862812	16068	1.9	862811.916311		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	96	6	6.5	-0.000009	**-0.2132**	ug/L
	Se	82	-3	34	8	22.7	0.000009	**0.1581**	ug/L
	Sr	88	94	295	114	38.5	0.000044	**0.0018**	ug/L
	Y	89	67						ug/L
	Mo	98	144	535	61	11.4	0.000088	**0.0485**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4010054	89825	2.2	4010054.437057		ug/L
	Sn	120	17270	25852	291	1.1	0.000984	**0.1745**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	366	191	52.3	0.000065	**0.0067**	ug/L
	Ce	140	36	80	23	29.0	0.000009	**0.0011**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	124.017
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	121.658
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	126.874
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, September 15, 2012 01:47:47
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\rinse.302
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	922	94	10.2	0.000437	**-0.0707**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	34470	307	0.9	-0.033974	**-127.3842**	ug/L
>	Sc	45	1256607	1645562	4769	0.3	1645562.313362		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2159	15	0.7	-0.003450	**-0.3380**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	757	26	3.5	0.000173	**0.0137**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	57	7	12.5	-0.000012	**-0.0099**	ug/L
	Cu	63	85	156	11	7.1	0.000054	**0.0070**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	894103	14839	1.7	894102.779823		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	100	6	6.1	-0.000009	**-0.2145**	ug/L
	Se	82	-3	-8	13	173.2	-0.000001	**0.0015**	ug/L
	Sr	88	94	176	3	1.5	0.000012	**-0.0021**	ug/L
	Y	89	67						ug/L
	Mo	98	144	192	25	13.1	0.000000	**0.0040**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4174292	14817	0.4	4174292.079843		ug/L
	Sn	120	17270	23673	564	2.4	0.000207	**-0.0443**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	164	8	4.6	0.000012	**0.0002**	ug/L
	Ce	140	36	66	12	17.9	0.000005	**0.0007**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	130.953
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	126.070
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	132.071
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, September 15, 2012 01:49:43
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\rinse.303
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	664	68	10.3	0.000268	**-0.1263**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	34890	216	0.6	-0.034315	**-128.7137**	ug/L
>	Sc	45	1256607	1693685	33279	2.0	1693684.739950		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2213	20	0.9	-0.003456	**-0.3386**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	764	20	2.6	0.000164	**0.0129**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	50	6	11.1	-0.000020	**-0.0120**	ug/L
	Cu	63	85	153	14	9.2	0.000048	**0.0063**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	905430	8745	1.0	905430.442457		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	100	4	3.8	-0.000009	**-0.2118**	ug/L
	Se	82	-3	0	8	11388.3	0.000001	**0.0293**	ug/L
	Sr	88	94	164	12	7.3	0.000009	**-0.0025**	ug/L
	Y	89	67						ug/L
	Mo	98	144	128	16	12.5	-0.000015	**-0.0039**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4183343	90272	2.2	4183343.482670		ug/L
	Sn	120	17270	24529	696	2.8	0.000399	**0.0099**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	149	2	1.4	0.000009	**-0.0003**	ug/L
	Ce	140	36	52	4	7.7	0.000001	**0.0004**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	134.782
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	127.667
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	132.357
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, September 15, 2012 01:51:38
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\rinse.304
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	553	10	1.9	0.000205	**-0.1470**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	35404	293	0.8	-0.033874	**-126.9946**	ug/L
>	Sc	45	1256607	1682131	12799	0.8	1682131.088701		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2185	42	1.9	-0.003464	**-0.3394**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	713	8	1.1	0.000137	**0.0105**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	47	4	8.9	-0.000023	**-0.0127**	ug/L
	Cu	63	85	133	6	4.8	0.000029	**0.0037**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	889851	13116	1.5	889851.458189		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	104	1	0.6	-0.000008	**-0.1987**	ug/L
	Se	82	-3	-0	12	4808.2	0.000001	**0.0284**	ug/L
	Sr	88	94	153	12	7.5	0.000006	**-0.0028**	ug/L
	Y	89	67						ug/L
	Mo	98	144	89	26	29.3	-0.000024	**-0.0087**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4211634	37345	0.9	4211633.730383		ug/L
	Sn	120	17270	24044	190	0.8	0.000245	**-0.0335**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	161	15	9.0	0.000011	**0.0000**	ug/L
	Ce	140	36	43	1	2.7	-0.000001	**0.0001**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	133.863
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	125.470
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	133.252
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, September 15, 2012 01:53:34
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\rinse.305
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	579	38	6.6	0.000223	**-0.1412**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	35512	129	0.4	-0.033647	**-126.1124**	ug/L
>	Sc	45	1256607	1669369	12464	0.7	1669368.875275		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2213	37	1.7	-0.003437	**-0.3366**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	708	37	5.2	0.000137	**0.0105**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	42	4	8.9	-0.000029	**-0.0142**	ug/L
	Cu	63	85	138	7	4.8	0.000033	**0.0042**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	900959	10016	1.1	900959.166195		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	101	10	10.0	-0.000009	**-0.2136**	ug/L
	Se	82	-3	-4	6	135.1	-0.000000	**0.0140**	ug/L
	Sr	88	94	154	15	9.4	0.000007	**-0.0028**	ug/L
	Y	89	67						ug/L
	Mo	98	144	71	16	22.9	-0.000029	**-0.0109**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4209653	23258	0.6	4209652.838872		ug/L
	Sn	120	17270	24100	129	0.5	0.000261	**-0.0291**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	147	16	11.2	0.000008	**-0.0004**	ug/L
	Ce	140	36	44	12	26.1	-0.000001	**0.0002**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	132.847
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	127.037
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	133.189
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, September 15, 2012 01:55:29
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\rinse.306
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	560	30	5.4	0.000221	**-0.1418**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	35860	156	0.4	-0.032876	**-123.1125**	ug/L
>	Sc	45	1256607	1627216	39096	2.4	1627215.703426		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2228	36	1.6	-0.003393	**-0.3320**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	716	22	3.1	0.000153	**0.0119**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	51	9	16.8	-0.000018	**-0.0112**	ug/L
	Cu	63	85	134	7	4.9	0.000033	**0.0044**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	871274	1360	0.2	871274.202571		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	97	9	8.7	-0.000009	**-0.2149**	ug/L
	Se	82	-3	3	11	402.8	0.000001	**0.0392**	ug/L
	Sr	88	94	148	14	9.2	0.000006	**-0.0028**	ug/L
	Y	89	67						ug/L
	Mo	98	144	74	7	9.9	-0.000028	**-0.0103**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4077573	54410	1.3	4077572.898656		ug/L
	Sn	120	17270	23515	652	2.8	0.000303	**-0.0173**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	143	10	7.2	0.000008	**-0.0004**	ug/L
	Ce	140	36	51	4	8.1	0.000001	**0.0004**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	129.493
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	122.851
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	129.010
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, September 15, 2012 01:57:25
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\rinse.307
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	500	16	3.2	0.000190	**-0.1521**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	35723	348	1.0	-0.032531	**-121.7709**	ug/L
>	Sc	45	1256607	1596295	38401	2.4	1596295.319252		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2223	17	0.8	-0.003369	**-0.3295**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	700	22	3.1	0.000151	**0.0118**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	53	5	9.6	-0.000014	**-0.0102**	ug/L
	Cu	63	85	116	6	5.5	0.000015	**0.0020**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	858579	19042	2.2	858578.936084		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	90	11	12.3	-0.000011	**-0.2448**	ug/L
	Se	82	-3	5	12	244.7	0.000002	**0.0480**	ug/L
	Sr	88	94	138	20	14.5	0.000005	**-0.0030**	ug/L
	Y	89	67						ug/L
	Mo	98	144	62	12	19.7	-0.000030	**-0.0116**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4000679	120831	3.0	4000679.037481		ug/L
	Sn	120	17270	22849	540	2.4	0.000249	**-0.0326**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	154	18	11.4	0.000011	**0.0000**	ug/L
	Ce	140	36	45	6	14.4	-0.000000	**0.0002**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	127.032
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	121.061
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	126.578
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse

Sample Description:
Batch ID:

Sample Date/Time: Saturday, September 15, 2012 01:59:21
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\09-12\1200711.sam
Method File: C:\Elandata\Method\2012\09-12\1200711-0060-ICPMS1-MEL.mth
Dataset File: C:\Elandata\DataSet\2012\09-12\1200711\rinse.308
Calibration File: C:\Elandata\System\2012\09-12\1200711.cal
Blank File: C:\Elandata\DataSet\2012\09-12\1200711\SEQ-ICB1.040

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	Li	7	41						ug/L
	Be	9	33						ug/L
	B	11	169						ug/L
	Na	23	6859						ug/L
	Mg	24	156	468	20	4.3	0.000162	**-0.1612**	ug/L
	Al	27	891						ug/L
	K	39	409328						ug/L
	Ca	44	69014	35746	123	0.3	-0.033078	**-123.8977**	ug/L
>	Sc	45	1256607	1636797	27833	1.7	1636796.831089		ug/L
	Ti	47	283						ug/L
	Ti	48	-5947						ug/L
	V	51	5985	2210	71	3.2	-0.003412	**-0.3340**	ug/L
	Cr	52	6084						ug/L
	Cr	53	1948						ug/L
	Mn	55	361	685	25	3.7	0.000131	**0.0100**	ug/L
	Fe	54	51442						ug/L
	Fe	57	3551						ug/L
	Co	59	37						ug/L
	Ni	60	52						ug/L
	Ni	62	215						ug/L
	Cu	65	54	42	6	13.4	-0.000027	**-0.0138**	ug/L
	Cu	63	85	114	9	7.8	0.000010	**0.0013**	ug/L
	Zn	66	245						ug/L
	Zn	68	228						ug/L
>	Ge	74	709212	879529	15074	1.7	879529.110459		ug/L
	As	75	154						ug/L
	As-1	75	7631						ug/L
	Se	77	105	91	12	13.3	-0.000011	**-0.2485**	ug/L
	Se	82	-3	-1	17	2690.4	0.000001	**0.0271**	ug/L
	Sr	88	94	153	8	4.9	0.000008	**-0.0027**	ug/L
	Y	89	67						ug/L
	Mo	98	144	57	16	28.0	-0.000032	**-0.0124**	ug/L
	Ag	107	37						ug/L
	Ag	109	38						ug/L
	Cd	111	24						ug/L
	Cd	114	20						ug/L

>	In	115	3160654	4067226	5106	0.1	4067225.508835		ug/L
	Sn	120	17270	24201	679	2.8	0.000486	**0.0344**	ug/L
	Sb	121	224						ug/L
	Cs	133	20						ug/L
	Ba	138	86	145	15	10.5	0.000009	**-0.0003**	ug/L
	Ce	140	36	48	9	19.1	0.000001	**0.0003**	ug/L
>	Tm	169	2730830						ug/L
	Tl	205	25						ug/L
	Pb	208	143						ug/L
	Bi	209	261						ug/L
	Th	232	199						ug/L
	U	238	16						ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	Li	7	
	Be	9	
	B	11	
	Na	23	
	Mg	24	
	Al	27	
	K	39	
	Ca	44	
>	Sc	45	130.255
	Ti	47	
	Ti	48	
	V	51	
	Cr	52	
	Cr	53	
	Mn	55	
	Fe	54	
	Fe	57	
	Co	59	
	Ni	60	
	Ni	62	
	Cu	65	
	Cu	63	
	Zn	66	
	Zn	68	
>	Ge	74	124.015
	As	75	
	As-1	75	
	Se	77	
	Se	82	
	Sr	88	
	Y	89	
	Mo	98	
	Ag	107	
	Ag	109	
	Cd	111	
	Cd	114	
>	In	115	128.683
	Sn	120	
	Sb	121	
	Cs	133	
	Ba	138	
	Ce	140	

>	Tm	169
	Tl	205
	Pb	208
	Bi	209
	Th	232
	U	238

ANALYSIS SEQUENCE

1200726

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200726-ICB1	1200726	QC	1		-			
1200726-CAL1	1200726	QC	2	1212078	-			
1200726-CAL2	1200726	QC	3	1212079	-			
1200726-CAL3	1200726	QC	4	1212080	-			
1200726-CAL4	1200726	QC	5	1212081	-			
1200726-CAL5	1200726	QC	6	1212082	-			
1200726-CAL6	1200726	QC	7	1212083	-			
1200726-CAL7	1200726	QC	8	1212084	-			
1200726-CAL8	1200726	QC	9	1212085	-			
1200726-ICB2	1200726	QC	10		-			
1200726-ICV1	1200726	QC	11	1217029	-			
1200726-ICB3	1200726	QC	12		-			
1200726-IBL1	1200726	QC	13		-			
1200726-IBL2	1200726	QC	14		-			
1200726-IBL3	1200726	QC	15		-			
1200726-IBL4	1200726	QC	16		-			
1200726-SCV1	1200726	QC	17	1215030	-			
1200726-CCV1	1200726	QC	18	1212081	-			
1200726-CCB1	1200726	QC	19		-			
B121711-BLK1	B121711	QC	20		-			
B121711-BLK2	B121711	QC	21		-			
B121711-BLK3	B121711	QC	22		-			
B121711-BLK4	B121711	QC	23		-			
B121711-BS1	B121711	QC	24		-			
B121711-SRM1	B121711	QC	25		-			
B121691-BLK1	B121691	QC	26		-			

ANALYSIS SEQUENCE

1200726

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
B121691-BLK2	B121691	QC	27		-			
B121691-BLK3	B121691	QC	28		-			
B121691-BLK4	B121691	QC	29		-			
B121691-BS1	B121691	QC	30		-			
B121691-SRM1	B121691	QC	31		-			
B121690-BLK1	B121690	QC	32		-			
B121690-BLK2	B121690	QC	33		-			
B121690-BLK3	B121690	QC	34		-			
B121690-BLK4	B121690	QC	35		-			
B121690-BS1	B121690	QC	36		-			
B121690-SRM1	B121690	QC	37		-			
1237023-01	B121711	As-FW-Oven-DRC-TR	38			NJC-MQ1201	9/19/2012	
B121711-DUP1	B121711	QC	39		1237023-01			
B121711-MS1	B121711	QC	40		1237023-01			
B121711-MSD1	B121711	QC	41		1237023-01			
1200726-CCV2	1200726	QC	42	1212081	-			
1200726-CCB2	1200726	QC	43		-			
1200726-CCV3	1200726	QC	44	1212081	-			
1200726-CCB3	1200726	QC	45		-			
1237023-02	B121711	As-FW-Oven-DRC-TR	46			NJC-MQ1201	9/19/2012	
1237023-05	B121711	As-FW-Oven-DRC-TR	47			NJC-MQ1201	9/19/2012	
1237023-06	B121711	As-FW-Oven-DRC-TR	48			NJC-MQ1201	9/19/2012	
1200726-CCV4	1200726	QC	49	1212081	-			
1200726-CCB4	1200726	QC	50		-			
1236003-19	B121690	As-FW-Oven-DRC-TR	51			AGS-WC1001	9/28/2012	
1236003-19	B121690	Se-FW-Oven-DRC-TR	52			AGS-WC1001	9/28/2012	

ANALYSIS SEQUENCE

1200726

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1236012-13	B121690	As-FW-Oven-DRC-TR	53			AGS-WC1001	10/1/2012	
1236012-13	B121690	Se-FW-Oven-DRC-TR	54			AGS-WC1001	10/1/2012	
1235020-09	B121690	Se-FW-Oven-DRC-TR	55			PAC-MI1203	9/21/2012	
1235020-10	B121690	Se-FW-Oven-DRC-Diss	56			PAC-MI1203	9/21/2012	
1236003-01	B121690	As-FW-Oven-DRC-TR	57			AGS-WC1001	9/28/2012	
1236003-01	B121690	Se-FW-Oven-DRC-TR	58			AGS-WC1001	9/28/2012	
1236003-02	B121690	Se-FW-Oven-DRC-TR	59			AGS-WC1001	9/28/2012	
1236003-02	B121690	Se-FW-Oven-DRC-Diss	60			AGS-WC1001	1/1/1980	BatchQC
1236003-02	B121690	As-FW-Oven-DRC-Diss	61			AGS-WC1001	1/1/1980	BatchQC
1236003-02	B121690	As-FW-Oven-DRC-TR	62			AGS-WC1001	9/28/2012	
B121690-DUP1	B121690	QC	63		1236003-02			
B121690-MS1	B121690	QC	64		1236003-02			
B121690-MSD1	B121690	QC	65		1236003-02			
1236003-03	B121690	As-FW-Oven-DRC-TR	66			AGS-WC1001	9/28/2012	
1236003-03	B121690	Se-FW-Oven-DRC-TR	67			AGS-WC1001	9/28/2012	
1200726-CCV5	1200726	QC	68	1212081	-			
1200726-CCB5	1200726	QC	69		-			
1236003-01RE1	B121690	Se-FW-Oven-DRC-TR	70			AGS-WC1001	9/28/2012	Added 9/20/2012 by ATC
1236003-01RE1	B121690	As-FW-Oven-DRC-TR	71			AGS-WC1001	9/28/2012	Added 9/20/2012 by ATC
1236003-02RE1	B121690	Se-FW-Oven-DRC-TR	72			AGS-WC1001	9/28/2012	Added 9/20/2012 by ATC
1236003-02RE1	B121690	As-FW-Oven-DRC-TR	73			AGS-WC1001	9/28/2012	Added 9/20/2012 by ATC
B121690-DUP2	B121690	QC	74		1236003-02RE1			
B121690-MS2	B121690	QC	75		1236003-02RE1			
B121690-MSD2	B121690	QC	76		1236003-02RE1			
1236003-03RE1	B121690	As-FW-Oven-DRC-TR	77			AGS-WC1001	9/28/2012	Added 9/20/2012 by ATC
1236003-03RE1	B121690	Se-FW-Oven-DRC-TR	78			AGS-WC1001	9/28/2012	Added 9/20/2012 by ATC

ANALYSIS SEQUENCE

1200726

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1236003-04	B121690	As-FW-Oven-DRC-Diss	79			AGS-WC1001	9/28/2012	
1236003-04	B121690	Se-FW-Oven-DRC-Diss	80			AGS-WC1001	9/28/2012	
1236003-05	B121690	Se-FW-Oven-DRC-TR	81			AGS-WC1001	9/28/2012	
1236003-05	B121690	As-FW-Oven-DRC-TR	82			AGS-WC1001	9/28/2012	
1236003-06	B121690	Se-FW-Oven-DRC-Diss	83			AGS-WC1001	9/28/2012	
1236003-06	B121690	As-FW-Oven-DRC-Diss	84			AGS-WC1001	9/28/2012	
1236003-07	B121690	Se-FW-Oven-DRC-TR	85			AGS-WC1001	9/28/2012	
1236003-07	B121690	As-FW-Oven-DRC-TR	86			AGS-WC1001	9/28/2012	
1200726-CCV6	1200726	QC	87	1212081	-			
1200726-CCB6	1200726	QC	88		-			
1236003-05RE1	B121690	Se-FW-Oven-DRC-TR	89			AGS-WC1001	9/28/2012	Added 9/20/2012 by ATC
1236003-05RE1	B121690	As-FW-Oven-DRC-TR	90			AGS-WC1001	9/28/2012	Added 9/20/2012 by ATC
1236003-06RE1	B121690	Se-FW-Oven-DRC-Diss	91			AGS-WC1001	9/28/2012	Added 9/20/2012 by ATC
1236003-06RE1	B121690	As-FW-Oven-DRC-Diss	92			AGS-WC1001	9/28/2012	Added 9/20/2012 by ATC
1236003-08	B121690	Se-FW-Oven-DRC-Diss	93			AGS-WC1001	9/28/2012	
1236003-08	B121690	As-FW-Oven-DRC-Diss	94			AGS-WC1001	9/28/2012	
1236003-09	B121690	Se-FW-Oven-DRC-TR	95			AGS-WC1001	9/28/2012	
1236003-09	B121690	As-FW-Oven-DRC-TR	96			AGS-WC1001	9/28/2012	
1236003-10	B121690	Se-FW-Oven-DRC-Diss	97			AGS-WC1001	9/28/2012	
1236003-10	B121690	As-FW-Oven-DRC-Diss	98			AGS-WC1001	9/28/2012	
1236003-10RE1	B121690	Se-FW-Oven-DRC-Diss	99			AGS-WC1001	9/28/2012	Added 9/20/2012 by ATC
1236003-10RE1	B121690	As-FW-Oven-DRC-Diss	100			AGS-WC1001	9/28/2012	Added 9/20/2012 by ATC
1236003-11	B121690	Se-FW-Oven-DRC-TR	101			AGS-WC1001	9/28/2012	
1236003-11	B121690	As-FW-Oven-DRC-TR	102			AGS-WC1001	9/28/2012	
1200726-CCV7	1200726	QC	103	1212082	-			
1200726-CCB7	1200726	QC	104		-			

ANALYSIS SEQUENCE

1200726

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1236003-12	B121690	As-FW-Oven-DRC-Diss	105			AGS-WC1001	9/28/2012	
1236003-12	B121690	As-FW-Oven-DRC-TR	106			AGS-WC1001	1/1/1980	BatchQC
1236003-12	B121690	Se-FW-Oven-DRC-Diss	107			AGS-WC1001	9/28/2012	
1236003-12	B121690	Se-FW-Oven-DRC-TR	108			AGS-WC1001	1/1/1980	BatchQC
B121690-DUP3	B121690	QC	109		1236003-12			
B121690-MS3	B121690	QC	110		1236003-12			
B121690-MSD3	B121690	QC	111		1236003-12			
1236003-13	B121690	As-FW-Oven-DRC-TR	112			AGS-WC1001	9/28/2012	
1236003-13	B121690	Se-FW-Oven-DRC-TR	113			AGS-WC1001	9/28/2012	
1236003-14	B121690	Se-FW-Oven-DRC-Diss	114			AGS-WC1001	9/28/2012	
1236003-14	B121690	As-FW-Oven-DRC-Diss	115			AGS-WC1001	9/28/2012	
1236003-15	B121690	As-FW-Oven-DRC-TR	116			AGS-WC1001	9/28/2012	
1236003-15	B121690	Se-FW-Oven-DRC-TR	117			AGS-WC1001	9/28/2012	
1236003-16	B121690	As-FW-Oven-DRC-Diss	118			AGS-WC1001	9/28/2012	
1236003-16	B121690	Se-FW-Oven-DRC-Diss	119			AGS-WC1001	9/28/2012	
1236003-17	B121690	Se-FW-Oven-DRC-TR	120			AGS-WC1001	9/28/2012	
1236003-17	B121690	As-FW-Oven-DRC-TR	121			AGS-WC1001	9/28/2012	
1236003-18	B121690	Se-FW-Oven-DRC-Diss	122			AGS-WC1001	9/28/2012	
1236003-18	B121690	As-FW-Oven-DRC-Diss	123			AGS-WC1001	9/28/2012	
1200726-CCV8	1200726	QC	124	1212081	-			
1200726-CCB8	1200726	QC	125		-			
1236012-01	B121690	Se-FW-Oven-DRC-TR	126			AGS-WC1001	10/1/2012	
1236012-01	B121690	As-FW-Oven-DRC-TR	127			AGS-WC1001	10/1/2012	
1236012-02	B121690	Se-FW-Oven-DRC-TR	128			AGS-WC1001	1/1/1980	BatchQC
1236012-02	B121690	Se-FW-Oven-DRC-Diss	129			AGS-WC1001	10/1/2012	
1236012-02	B121690	As-FW-Oven-DRC-Diss	130			AGS-WC1001	10/1/2012	

ANALYSIS SEQUENCE

1200726

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1236012-02	B121690	As-FW-Oven-DRC-TR	131			AGS-WC1001	1/1/1980	BatchQC
B121690-DUP4	B121690	QC	132		1236012-02			
B121690-MS4	B121690	QC	133		1236012-02			
B121690-MSD4	B121690	QC	134		1236012-02			
1236012-03	B121690	Se-FW-Oven-DRC-TR	135			AGS-WC1001	10/1/2012	
1236012-03	B121690	As-FW-Oven-DRC-TR	136			AGS-WC1001	10/1/2012	
1236012-04	B121690	As-FW-Oven-DRC-TR	137			AGS-WC1001	10/1/2012	
1236012-04	B121690	Se-FW-Oven-DRC-TR	138			AGS-WC1001	10/1/2012	
1236012-05	B121690	As-FW-Oven-DRC-Diss	139			AGS-WC1001	10/1/2012	
1236012-05	B121690	Se-FW-Oven-DRC-Diss	140			AGS-WC1001	10/1/2012	
1200726-CCV9	1200726	QC	141	1212081	-			
1200726-CCB9	1200726	QC	142		-			
1236012-06	B121690	As-FW-Oven-DRC-Diss	143			AGS-WC1001	1/1/1980	BatchQC
1236012-06	B121690	As-FW-Oven-DRC-TR	144			AGS-WC1001	10/1/2012	
1236012-06	B121690	Se-FW-Oven-DRC-Diss	145			AGS-WC1001	1/1/1980	BatchQC
1236012-06	B121690	Se-FW-Oven-DRC-TR	146			AGS-WC1001	10/1/2012	
B121690-DUP5	B121690	QC	147		1236012-06			
B121690-MS5	B121690	QC	148		1236012-06			
B121690-MSD5	B121690	QC	149		1236012-06			
1236012-07	B121690	Se-FW-Oven-DRC-TR	150			AGS-WC1001	10/1/2012	
1236012-07	B121690	As-FW-Oven-DRC-TR	151			AGS-WC1001	10/1/2012	
1236012-08	B121690	Se-FW-Oven-DRC-Diss	152			AGS-WC1001	10/1/2012	
1236012-08	B121690	As-FW-Oven-DRC-Diss	153			AGS-WC1001	10/1/2012	
1236012-09	B121690	Se-FW-Oven-DRC-TR	154			AGS-WC1001	10/1/2012	
1236012-09	B121690	As-FW-Oven-DRC-TR	155			AGS-WC1001	10/1/2012	
1236012-10	B121690	Se-FW-Oven-DRC-Diss	156			AGS-WC1001	10/1/2012	

ANALYSIS SEQUENCE

1200726

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1236012-10	B121690	As-FW-Oven-DRC-Diss	157			AGS-WC1001	10/1/2012	
1236012-11	B121690	Se-FW-Oven-DRC-TR	158			AGS-WC1001	10/1/2012	
1236012-11	B121690	As-FW-Oven-DRC-TR	159			AGS-WC1001	10/1/2012	
1236012-12	B121690	Se-FW-Oven-DRC-Diss	160			AGS-WC1001	10/1/2012	
1236012-12	B121690	As-FW-Oven-DRC-Diss	161			AGS-WC1001	10/1/2012	
1200726-CCVA	1200726	QC	162	1212082	-			
1200726-CCBA	1200726	QC	163		-			
1235020-01	B121690	Se-FW-Oven-DRC-TR	164			PAC-MI1203	9/21/2012	
1235020-02	B121690	Se-FW-Oven-DRC-TR	165			PAC-MI1203	1/1/1980	BatchQC
1235020-02	B121690	Se-FW-Oven-DRC-Diss	166			PAC-MI1203	9/21/2012	
1235020-02	B121690	As-FW-Oven-DRC-TR	167			PAC-MI1203	1/1/1980	BatchQC
1235020-02	B121690	As-FW-Oven-DRC-Diss	168			PAC-MI1203	1/1/1980	BatchQC
B121690-DUP6	B121690	QC	169		1235020-02			
B121690-MS6	B121690	QC	170		1235020-02			
B121690-MSD6	B121690	QC	171		1235020-02			
B121690-DUP7	B121690	QC	172		1235020-02			
B121690-MS7	B121690	QC	173		1235020-02			
B121690-MSD7	B121690	QC	174		1235020-02			
1200726-CCVB	1200726	QC	175	1212083	-			
1200726-CCBB	1200726	QC	176		-			
1235020-03	B121690	Se-FW-Oven-DRC-TR	177			PAC-MI1203	9/21/2012	
1235020-04	B121690	Se-FW-Oven-DRC-Diss	178			PAC-MI1203	9/21/2012	
1235020-05	B121690	Se-FW-Oven-DRC-TR	179			PAC-MI1203	9/21/2012	
1235020-06	B121690	Se-FW-Oven-DRC-Diss	180			PAC-MI1203	9/21/2012	
1235020-07	B121690	Se-FW-Oven-DRC-TR	181			PAC-MI1203	9/21/2012	
1235020-08	B121690	Se-FW-Oven-DRC-Diss	182			PAC-MI1203	9/21/2012	

ANALYSIS SEQUENCE

1200726

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200726-CCVC	1200726	QC	183	1212082	-			
1200726-CCBC	1200726	QC	184		-			
1237001-01	B121691	Se-FW-Oven-DRC-TR	185			SIE-RV1201	9/24/2012	
B121691-DUP1	B121691	QC	186		1237001-01			
B121691-MS1	B121691	QC	187		1237001-01			
B121691-MSD1	B121691	QC	188		1237001-01			
1237001-02	B121691	Se-FW-Oven-DRC-TR	189			SIE-RV1201	9/24/2012	
1237001-03	B121691	Se-FW-Oven-DRC-TR	190			SIE-RV1201	9/24/2012	
1237001-04	B121691	Se-FW-Oven-DRC-TR	191			SIE-RV1201	9/24/2012	
1237001-05	B121691	Se-FW-Oven-DRC-TR	192			SIE-RV1201	9/24/2012	
1200726-CCVD	1200726	QC	193	1212083	-			
1200726-CCBD	1200726	QC	194		-			
B121713-BLK1	B121713	QC	195		-			
B121713-BLK2	B121713	QC	196		-			
B121713-BLK3	B121713	QC	197		-			
B121713-BLK4	B121713	QC	198		-			
B121713-BS1	B121713	QC	199		-			
B121713-SRM1	B121713	QC	200		-			
B121713-SRM2	B121713	QC	201		-			
1200726-CCVE	1200726	QC	202	1212083	-			
1200726-CCBE	1200726	QC	203		-			
1233048-08RE1	B121713	Se-S-RARBomb-DRC	204			IID-IM1201	9/11/2012	From B121539 by CMC on 09/13/12
B121713-DUP1	B121713	QC	205		1233048-08RE1			
B121713-MS1	B121713	QC	206		1233048-08RE1			
B121713-MSD1	B121713	QC	207		1233048-08RE1			
1233048-09RE1	B121713	Se-S-RARBomb-DRC	208			IID-IM1201	9/11/2012	From B121539 by CMC on 09/13/12

ANALYSIS SEQUENCE

1200726

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1233048-10RE1	B121713	Se-S-RARBomb-DRC	209			IID-IM1201	9/11/2012	From B121539 by CMC on 09/13/12
1233048-11RE1	B121713	Se-S-RARBomb-DRC	210			IID-IM1201	9/11/2012	From B121539 by CMC on 09/13/12
1233048-12RE1	B121713	Se-S-RARBomb-DRC	211			IID-IM1201	9/11/2012	From B121539 by CMC on 09/13/12
1233048-13RE1	B121713	Se-S-RARBomb-DRC	212			IID-IM1201	9/11/2012	From B121539 by CMC on 09/13/12
1233048-14RE1	B121713	Se-S-RARBomb-DRC	213			IID-IM1201	9/11/2012	From B121539 by CMC on 09/13/12
1200726-CCVF	1200726	QC	214	1212083	-			
1200726-CCBF	1200726	QC	215		-			
1233048-15RE1	B121713	Se-S-RARBomb-DRC	216			IID-IM1201	9/11/2012	From B121539 by CMC on 09/13/12
1233048-16RE1	B121713	Se-S-RARBomb-DRC	217			IID-IM1201	9/11/2012	From B121539 by CMC on 09/13/12
1233048-17RE1	B121713	Se-S-RARBomb-DRC	218			IID-IM1201	9/11/2012	From B121539 by CMC on 09/13/12
1233048-18RE1	B121713	Se-S-RARBomb-DRC	219			IID-IM1201	9/11/2012	From B121539 by CMC on 09/13/12
B121713-DUP2	B121713	QC	220		1233048-18RE1			
B121713-MS2	B121713	QC	221		1233048-18RE1			
B121713-MSD2	B121713	QC	222		1233048-18RE1			
1233048-19RE1	B121713	Se-S-RARBomb-DRC	223			IID-IM1201	9/11/2012	From B121539 by CMC on 09/13/12
1233048-20RE1	B121713	Se-S-RARBomb-DRC	224			IID-IM1201	9/11/2012	From B121539 by CMC on 09/13/12
1233048-21RE1	B121713	Se-S-RARBomb-DRC	225			IID-IM1201	9/11/2012	From B121539 by CMC on 09/13/12
1200726-CCVG	1200726	QC	226	1212083	-			
1200726-CCBG	1200726	QC	227		-			
1233048-22RE1	B121713	Se-S-RARBomb-DRC	228			IID-IM1201	9/11/2012	From B121539 by CMC on 09/13/12
1233048-23RE1	B121713	Se-S-RARBomb-DRC	229			IID-IM1201	9/11/2012	From B121539 by CMC on 09/13/12
1233048-24RE1	B121713	Se-S-RARBomb-DRC	230			IID-IM1201	9/11/2012	From B121539 by CMC on 09/13/12
1233048-25RE1	B121713	Se-S-RARBomb-DRC	231			IID-IM1201	9/11/2012	From B121539 by CMC on 09/13/12
1233048-26RE1	B121713	Se-S-RARBomb-DRC	232			IID-IM1201	9/11/2012	From B121539 by CMC on 09/13/12
1233038-13RE1	B121713	Se-S-RARBomb-DRC	233			UDE-SL1201	10/2/2012	From B121539 by CMC on 09/13/12
B121713-DUP3	B121713	QC	234		1233038-14RE1			

ANALYSIS SEQUENCE

1200726

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
B121713-MS3	B121713	QC	235		1233038-14RE1			
B121713-MSD3	B121713	QC	236		1233038-14RE1			
1233038-14RE1	B121713	Se-S-RARBomb-DRC	237			UDE-SL1201	10/2/2012	From B121539 by CMC on 09/13/12
1200726-CCVH	1200726	QC	238	1212083	-			
1200726-CCBH	1200726	QC	239		-			
1236003-02RE1	B121690	As-FW-Oven-DRC-Diss	240			AGS-WC1001	1/1/1980	Added 9/21/2012 by ATC
1236003-02RE1	B121690	Se-FW-Oven-DRC-Diss	241			AGS-WC1001	1/1/1980	Added 9/21/2012 by ATC

ICP-MS Analysis Benchsheet Batch No: B121711, B121691, B121713 B121690

BR-0060 standard / DRC mode (circle one)

(BRL procedure for the analysis of samples by EPA Methods 1638, 200.8, 6020A, and 1640)

Analyst: MEL Date: 9/19/2012

Instrument ID: ICPMS2 cHNO3 ID: 1237099 cHCl ID: NA

Calibration recorded in LIMS Int Std: 1214031 SEQ: 1200726

A/S #	Batch	Sample ID	Dilution	Comments
1		warm up		
1		warm up		
1		warm up		
1		SEQ-ICB1		
2		SEQ-CAL1		1212078
3		SEQ-CAL2		1212079
4		SEQ-CAL3		1212080
5		SEQ-CAL4		1212081
6		SEQ-CAL5		1212082
7		SEQ-CAL6		1212083
8		SEQ-CAL7		1212084
9		SEQ-CAL8		1212085
1		SEQ-ICB2		
10		SEQ-ICV1		1217029
1		SEQ-ICB3		
101		SEQ-IBL1		
102		SEQ-IBL2		
103		SEQ-IBL3		
104		SEQ-IBL4		
105		SEQ-SCV1	5x	NIST 1643e 1202032-1215030
5		SEQ-CCV1		1212081
1		SEQ-CCB1		
106	B121711	B121711-BLK1		
107	B121711	B121711-BLK2		
108	B121711	B121711-BLK3		
109	B121711	B121711-BLK4		
110	B121711	B121711-BS1		
111	B121711	1237023-01		
112	B121711	B121711-DUP1		1237023-01
113	B121711	B121711-MS1		25ul of 1227034 up to 5ml
114	B121711	B121711-MSD1		25ul of 1227034 up to 5ml
5		SEQ-CCV2		1212081
1		SEQ-CCB2		As hit, reanalyzing to show
5		SEQ-CCV3		1212081
1		SEQ-CCB3		it is carryover, not contamination
115	B121711	1237023-02		
116	B121711	1237023-05		
117	B121711	1237023-06		
5		SEQ-CCV4		1212081

1		SEQ-CCB4		
118	B121690	1236003-19		Shares BLKS with B121711
119	B121690	1236012-13		
120	B121690	1235020-09		
121	B121690	1235020-10		
~~122~~	~~B121690~~	~~1236003-01~~		Do not report, turbidity issues
~~123~~	~~B121690~~	~~1236003-02~~		
~~124~~	~~B121690~~	~~B121690-DUP1~~		1236003-02
~~125~~	~~B121690~~	~~B121690-MS1~~		25ul each of 1237008 & 1227035 up to 5ml
~~126~~	~~B121690~~	~~B121690-MSD1~~		25ul each of 1237008 & 1227035 up to 5ml
~~127~~	~~B121690~~	~~1236003-03~~		Int Stds crash, non-reportable
5		SEQ-CCV5		1212081
1		SEQ-CCB5		
101	B121690	1236003-01RE1	2x	
102	B121690	1236003-02RE1	2x	
103	B121690	B121690-DUP2	2x	1236003-02RE1
104	B121690	B121690-MS2	2x	25ul each of 1237008 & 1227035 up to 5ml
105	B121690	B121690-MSD2	2x	25ul each of 1237008 & 1227035 up to 5ml
106	B121690	1236003-03RE1	2x	
107	B121690	1236003-04	2x	
~~108~~	~~B121690~~	~~1236003-05~~	~~2x~~	Int Stds crash, non-reportable
~~109~~	~~B121690~~	~~1236003-06~~	~~2x~~	Int Stds crash, non-reportable
110	B121690	1236003-07	2x	
5		SEQ-CCV6		1212081
1		SEQ-CCB6		
126	B121690	1236003-05RE1	10x	
127	B121690	1236003-06RE1	10x	
128	B121690	1236003-08	2x	
129	B121690	1236003-09	2x	
~~130~~	~~B121690~~	~~1236003-10~~	~~2x~~	improperly prepped, do not use
129	B121690	1236003-10RE1	2x	
130	B121690	1236003-11	10x	
6		SEQ-CCV7		1212082
1		SEQ-CCB7		
131	B121690	1236003-12	10x	
132	B121690	B121690-DUP3	10x	1236003-12
133	B121690	B121690-MS3	10x	25ul each of 1237008 & 1227035 up to 5ml
134	B121690	B121690-MSD3	10x	25ul each of 1237008 & 1227035 up to 5ml
135	B121690	1236003-13	1000x	
136	B121690	1236003-14	1000x	
137	B121690	1236003-15	2x	
138	B121690	1236003-16	2x	
139	B121690	1236003-17	2x	
140	B121690	1236003-18	2x	
5		SEQ-CCV8		1212081
1		SEQ-CCB8		
141	B121690	1236012-01	2x	
142	B121690	1236012-02	2x	
143	B121690	B121690-DUP4	2x	1236012-02
144	B121690	B121690-MS4	2x	50ul each of 1237008 & 1227035 up to 5ml
145	B121690	B121690-MSD4	2x	50ul each of 1237008 & 1227035 up to 5ml
146	B121690	1236012-03	2x	

147	B121690	1236012-04	2x	
148	B121690	1236012-05	2x	
5		SEQ-CCV9		1212081
1		SEQ-CCB9		
149	B121690	1236012-06	2x	
150	B121690	B121690-DUP5	2x	1236012-06
151	B121690	B121690-MS5	2x	50ul each of 1237008 & 1227035 up to 5ml
152	B121690	B121690-MSD5	2x	50ul each of 1237008 & 1227035 up to 5ml
153	B121690	1236012-07	2x	
154	B121690	1236012-08	2x	
155	B121690	1236012-09	2x	
156	B121690	1236012-10	2x	
157	B121690	1236012-11	2x	
158	B121690	1236012-12	2x	
6		SEQ-CCVA		1212082
1		SEQ-CCBA		
159	B121690	1235020-01		
160	B121690	1235020-02		
201	B121690	B121690-DUP7		1235020-02
~~202~~	~~B121690~~	~~B121690-MS6~~		improperly prepped; 50ul of 1237008 up to 5ml
202	B121690	B121690-MS7		50ul of 1237008 up to 5ml
203	B121690	B121690-MSD7		50ul of 1237008 up to 5ml
7		SEQ-CCVB		
1		SEQ-CCBB		
204	B121690	1235020-03		
205	B121690	1235020-04		
206	B121690	1235020-05		
207	B121690	1235020-06		
208	B121690	1235020-07		
209	B121690	1235020-08		
6		SEQ-CCVC		1212082
1		SEQ-CCBC		
210	B121691	1237001-01	50x	sharse BLKS with B121711
211	B121691	B121691-DUP1	50x	1237001-01
212	B121691	B121691-MS1	50x	25ul of 1237008 up to 5ml
213	B121691	B121691-MSD1	50x	25ul of 1237008 up to 5ml
214	B121691	1237001-02	50x	
215	B121691	1237001-03	50x	
216	B121691	1237001-04	50x	
217	B121691	1237001-05	50x	
7		SEQ-CCVD		1212083
1		SEQ-CCBD		
218	B121713	B121713-BLK1	50x	
219	B121713	B121713-BLK2	50x	
220	B121713	B121713-BLK3	50x	
221	B121713	B121713-BLK4	50x	
222	B121713	B121713-BS1	50x	
223	B121713	B121713-SRM1	50x	
224	B121713	B121713-SRM2	50x	
7		SEQ-CCVE		1212083
1		SEQ-CCBE		
225	B121713	1233048-08RE1	50x	

226	B121713	B121713-DUP1	50x	
227	B121713	B121713-MS1	50x	
228	B121713	B121713-MSD1	50x	
229	B121713	1233048-09RE1	50x	
230	B121713	1233048-10RE1	50x	
231	B121713	1233048-11RE1	50x	
232	B121713	1233048-12RE1	50x	
233	B121713	1233048-13RE1	50x	
234	B121713	1233048-14RE1	50x	
7		SEQ-CCVF		1212083
1		SEQ-CCBF		
235	B121713	1233048-15RE1	50x	
236	B121713	1233048-16RE1	50x	
237	B121713	1233048-17RE1	50x	
238	B121713	1233048-18RE1	50x	
239	B121713	B121713-DUP2	50x	
240	B121713	B121713-MS2	50x	
241	B121713	B121713-MSD2	50x	
242	B121713	1233048-19RE1	50x	
243	B121713	1233048-20RE1	50x	
244	B121713	1233048-21RE1	50x	
7		SEQ-CCVG		1212083
1		SEQ-CCBG		
245	B121713	1233048-22RE1	50x	
246	B121713	1233048-23RE1	50x	
247	B121713	1233048-24RE1	50x	
248	B121713	1233048-25RE1	50x	
249	B121713	1233048-26RE1	50x	
250	B121713	1233038-13RE1	50x	
251	B121713	B121713-DUP3	50x	
252	B121713	B121713-MS3	50x	
253	B121713	B121713-MSD3	50x	
254	B121713	1233038-14RE1	50x	
7		SEQ-CCVH		1212083
1		SEQ-CCBH		
434		rinse		
434		rinse		
434		rinse		
434		rinse		
434		rinse		

COPY

Trace Metals Method BR-0067 Rev 02 (ICP-MS)

Solid Sample Preparation by Oven Bomb Digestion

Digestion by: Reverse Aqua Regia

Batch #: B121472,1473,1539 Prepared By: CLE Preparation Date and Time*: 1200 8/30/12

Matrix: seds Date and Time of Finished Preparation: 0945 8/31/12

Bomb #	Sample ID	Sample Mass (g)	Bomb Mass (g)	Bomb Mass Pre-oven (g)	Bomb Mass Post-oven (g)
324	BLK1	—	130.29	151.65	150.67
263	BLK2	—	132.65	154.04	153.55
094	BLK3	—	131.94	153.39	153.10
349	BLK4	—	130.01	151.45	151.12
233	B121472BS1	—	130.33	151.29	150.56
273	SRM1	0.262	133.35	154.83	154.40
321	SRM2	0.293	130.16	151.81	151.56
218	1233007-01	0.501	133.12	154.69	154.45
084	-02	0.523	132.58	154.42	154.12
216	-03	0.505	132.52	154.44	154.08
212	-04	0.516	132.76	154.57	154.26

Bomb #	Sample ID	Sample Mass (g)	Bomb Mass (g)	Bomb Mass Pre-oven (g)	Bomb Mass Post-oven (g)
022	1233007-05	0.503	132.37	154.19	153.88
005	B121472 DUP1	0.567	132.66	154.46	153.51
323	MS1	0.508	130.16	151.72	151.30
274	MSD1	0.497	132.66	154.22	153.95
219	1233007-06	0.535	133.21	154.78	154.23
312	-07	0.522	133.15	154.71	154.32
306	-08	0.518	126.59	148.31	147.28
226	-09	0.545	132.17	154.11	153.52
063	-10	0.542	132.00	153.95	153.33
227	-11	0.508	132.45	154.36	153.89
317	-12	0.497	130.29	152.11	151.33

NOTE: **The % Sample Loss must be calculated for each bomb before passing the sample preparations on for analysis. Warning Limit is 5.0% sample loss / Control Limit is 10.0% sample loss.**

Sample ID	Spike ID	Spike Added (mL)	Analyte/Concentration
B121472 BS1, MS/MSD1-2	1107062	0.025	Nd 1000 ppm
B121539 / B121473BS1, B1473MS/MSD1,	1235021	0.100	B121473,1539 spike mix
B121539 MS/MSD1-3	⊥	⊥	⊥
	~~CE 8/30/12~~		

Spike Witnessed by Initials/Date: 8/30/12 TAM

† SRM-Matrix-LIMS ID#: SRM1-NIST 2709a-0919050
SRM2-NIST 2710a-0919053

† If NIST 2710a prepped and samples to be analyzed for Pb, dilute 1000x at inst.

Reagents Added (ID/Amount Added):

1) 4mL HCl (1051060) 2) 12mL HNO_3 (1229017) 3) — Final Dilution Volume: 50 mL

Balance ID: BL-03, BL-02, BL-01 Oven ID: OV-05 Target Temp: 130 °C Measured Temp*/Date/Time In: C:130°C M:132°C 8/30/12 1930 Out: C:134°C M:136°C 0845 8/31/12

Environ. Express tube lot #: Thermometer ID: TM-01

*** Both measured and corrected temperatures must be recorded.**

Comments: BL-01 used to weigh post oven mass.

COPY

Trace Metals Method BR-0067 Rev 002 (ICP-MS)

Solid Sample Preparation by Oven Bomb Digestion

Digestion by: Reverse Aqua Regia

Batch #: B121472, 1473, 1539 Prepared By: CLE Preparation Date and Time*: 1200 8/30/12

Matrix: seds Date and Time of Finished Preparation: 0945 8/31/12

Bomb #	Sample ID	Sample Mass (g)	Bomb Mass (g)	Bomb Mass Pre-oven (g)	Bomb Mass Post-oven (g)
290	1233007-13	0.501	132.34	154.15	153.99
220	-14	0.527	132.69	154.44	153.90
271	-15	0.521	132.37	154.08	153.73
287	-16	0.504	132.58	154.32	154.13
330	B121472 DUP2	0.526	130.03	151.88	151.62
348	MS2	0.538	129.76	151.63	151.50
334	MSD2	0.515	129.72	151.45	151.31
~~B121472 BS1~~	LCS 8/30/12	—			
253	B121539, B121473 BS1	—	131.34	152.76 ~~153.44~~ 8/30/12	152.60
308	1233010-01	0.516	130.28	152.46	152.26
315	-02	0.571	131.77	153.93	153.43
267	-03	0.543	132.80	154.69	154.59
204	B121473 DUP1	0.518	132.21	153.08	152.73
K326	MS1	0.564	129.48	151.54	151.02
L328	MSD1	0.511	129.49	151.57	151.15
251	1233048-08	0.522	129.28	151.02	150.45
276	B121539 DUP1	0.525 ~~0.534~~ 8/30/12	132.08	153.78	153.60
288	MS1	0.552	132.10	153.82	153.72
298	MSD1	0.586	130.52	152.50	152.44
283	1233048-09	0.637	132.82	154.67	154.53

Bomb #	Sample ID	Sample Mass (g)	Bomb Mass (g)	Bomb Mass Pre-oven (g)	Bomb Mass Post-oven (g)
331	1233048-10	0.498	132.36	154.04	153.94
247	-11	0.521	132.77	154.30	154.16
244	-12	0.521	132.42	154.13	153.92
252	-13	0.494	133.19	154.78	154.37
309	-14	0.510	131.17	153.07	152.93
338	-15	0.602	132.37	154.39	154.24
265	-16	0.535	132.38	154.28	154.15
310	-17	0.488	132.16	153.95	153.75
264	-18	0.498	132.81	154.52	154.40
293	B121539 DUP2	0.555	132.44	154.23	154.12
325	MS2	0.575	130.04	151.86	151.50
350	MSD2	0.508	129.88	151.63	151.57
245	1233048-19	0.526	130.97	152.91	152.80
281	-20	0.508	131.65	153.41	153.31
327	-21	0.536	129.69	151.85 ~~153.85~~ 8/30/12	151.54
257	-22	0.593	132.28	154.09	153.99
238	-23	0.521	131.97	153.85	153.77
333	-24	0.507	129.81	151.57	151.47
264	-25	0.526	132.18	153.91	153.52
256	-26	0.567	132.53	154.34	154.15

NOTE: **The % Sample Loss must be calculated for each bomb before passing the sample preparations on for analysis.**
Warning Limit is 5.0% sample loss / Control Limit is 10.0% sample loss.

Comments: *: spike added following addition of reagent. †: Final vol. = ~51mL.

Trace Metals Method BR-0067 Rev 002 (ICP-MS)

Solid Sample Preparation by Oven Bomb Digestion

Digestion by: Reverse Aqua Regia

Batch #: B121472, 1473, 1539 Prepared By: CLE

Preparation Date and Time*: 1200 8/30/12

Matrix: seeds

Date and Time of Finished Preparation: 0845 8/31/12

Bomb #	Sample ID	Sample Mass (g)	Bomb Mass (g)	Bomb Mass Pre-oven (g)	Bomb Mass Post-oven (g)
230	~~1233038-13~~ ~~1233~~	0.530	132.07	154.18	154.08
270	B121539 DUP3	0.498	131.53	153.35	153.25
303	MS3	0.528	130.22	151.79	151.65
300	MSD3	0.494	132.56	154.27	154.04
207	1233038-14	0.529	132.40	154.20	154.11

CE 8/30/12

Bomb #	Sample ID	Sample Mass (g)	Bomb Mass (g)	Bomb Mass Pre-oven (g)	Bomb Mass Post-oven (g)

CE 8/30/12

NOTE: The % Sample Loss must be calculated for each bomb before passing the sample preparations on for analysis.
Warning Limit is 5.0% sample loss / Control Limit is 10.0% sample loss.

Comments: D: source: 1233038-14

Batch:	B121472, 1473, 1539		Date:	8/31/2012	Warning level:	5%
Analyst:	CCE				Control Limit:	10%

BRL Report 1233038

Sample ID	Empty Bomb + Lid (g)	Bomb + Sample pre-oven (g)	Bomb + Sample post-oven (g)	Sample Loss %	OK?	Comments
BLK1	130.290	151.650	150.670	4.6%	y	
BLK2	132.650	154.040	153.550	2.3%	y	
BLK3	131.940	153.390	153.100	1.4%	y	
BLK4	130.010	151.450	151.120	1.5%	y	
B121472 BS1	130.330	151.290	150.560	3.5%	y	
SRM1	133.350	154.830	154.460	1.7%	y	
SRM2	130.160	151.810	151.560	1.2%	y	
1233007-01	133.120	154.690	154.450	1.1%	y	
1233007-02	132.580	154.420	154.120	1.4%	y	
1233007-03	132.520	154.440	154.080	1.6%	y	
1233007-04	132.760	154.570	154.260	1.4%	y	
1233007-05	132.370	154.190	153.880	1.4%	y	
B121472 DUP1	132.660	154.460	153.510	4.4%	y	
B121472 MS1	130.160	151.720	151.300	1.9%	y	
B121472 MSD1	132.660	154.220	153.950	1.3%	y	
1233007-06	133.210	154.780	154.230	2.5%	y	
1233007-07	133.150	154.710	154.320	1.8%	y	
1233007-08	126.590	148.310	147.280	4.7%	y	
1233007-09	132.170	154.110	153.520	2.7%	y	
1233007-10	132.000	153.950	153.330	2.8%	y	
1233007-11	132.450	154.360	153.890	2.1%	y	
1233007-12	130.290	152.110	151.330	3.6%	y	
1233007-13	132.340	154.150	153.990	0.7%	y	
1233007-14	132.690	154.440	153.900	2.5%	y	
1233007-15	132.370	154.080	153.730	1.6%	y	
1233007-16	132.580	154.320	154.130	0.9%	y	
B121472 DUP2	130.030	151.880	151.620	1.2%	y	
B121472 MS2	129.760	151.630	151.500	0.6%	y	
B121472 MSD2	129.720	151.450	151.310	0.6%	y	
B121473, 1539 BS1	131.340	152.760	152.600	0.7%	y	
1233010-01	130.280	152.460	152.260	0.9%	y	
1233010-02	131.770	153.930	153.430	2.3%	y	
1233010-03	132.800	154.690	154.590	0.5%	y	
B121473 DUP1	132.210	153.080	152.730	1.7%	y	
B121473 MS1	129.480	151.540	151.020	2.4%	y	
B121473 MSD1	129.490	151.570	151.150	1.9%	y	
1233048-08	129.280	151.020	150.450	2.6%	y	
B121539 DUP1	132.080	153.780	153.600	0.8%	y	
B121539 MS1	132.100	153.820	153.720	0.5%	y	
B121539 MSD1	130.520	152.500	152.440	0.3%	y	
1233048-09	132.820	154.670	154.530	0.6%	y	
1233048-10	132.360	154.040	153.940	0.5%	y	
1233048-11	132.770	154.300	154.160	0.7%	y	
1233048-12	132.420	154.130	153.920	1.0%	y	
1233048-13	133.190	154.780	154.370	1.9%	y	
1233048-14	131.170	153.070	152.930	0.6%	y	
1233048-15	132.370	154.390	154.240	0.7%	y	
1233048-16	132.380	154.280	154.150	0.6%	y	
1233048-17	132.160	153.950	153.750	0.9%	y	
1233048-18	132.810	154.520	154.400	0.6%	y	
B121539 DUP2	132.440	154.230	154.120	0.5%	y	
B121539 MS2	130.040	151.860	151.500	1.6%	y	
B121539 MSD2	129.880	151.630	151.570	0.3%	y	
1233048-19	130.970	152.910	152.800	0.5%	y	
1233048-20	131.650	153.410	153.310	0.5%	y	
1233048-21	129.690	151.690	151.540	0.7%	y	
1233048-22	132.280	154.090	153.990	0.5%	y	
1233048-23	131.870	153.850	153.770	0.4%	y	

Batch:	B121472, 1473, 1539		Date:	8/31/2012	Warning level:	5%	
Analyst:	CCE				Control Limit:	10%	BRL Report 1233038

Sample ID	Empty Bomb + Lid (g)	Bomb + Sample pre-oven (g)	Bomb + Sample post-oven (g)	Sample Loss %	OK?		Comments
1233048-24	129.810	151.570	151.470	0.5%	y		
1233048-25	132.180	153.910	153.520	1.8%	y		
1233048-26	132.530	154.340	154.150	0.9%	y		
1233038-13	132.070	154.180	154.080	0.5%	y		
1233038-14	131.530	153.350	153.250	0.5%	y		
B121539 DUP3	130.220	151.790	151.650	0.6%	y		
B121539 MS3	132.560	154.270	154.040	1.1%	y		
B121539 MSD3	132.400	154.200	154.110	0.4%	y		

B121472, 1473, 1539
RAR

Samples spiked:B121473/1539 BS1, B121473 MS/MSD1, B121539 MS/MSD1-3

Spike mix ID: 1235021

Element	Target Conc. (mg/kg)	spike conc w/ **0.1mL spike vol** and **0.5g sample**	mL from stock into **10mL tube**	ppm	LIMS ID
As	13.000	65.000	0.650	1000	1148020
Cd	0.700	3.500	0.350	**100**	1216069
Cr	25.000	125.000	1.250	1000	1226011
Cu	20.000	100.000	1.000	1000	1226016
Pb	10.000	50.000	0.500	1000	1226022
Se	10.000	50.000	0.500	1000	1149021

Add 5.75mL 2% HNO3

Samples spiked: B121472 BS1, MS/MSD1-2

	Element	Target Conc. (mg/kg)	vol to spike directly to **0.5g sample**	ppm	LIMS ID
*	Nd	50.000	~~25.000~~ 0.025mL	1000	1107062

* Standard expired (on 7/28/12).

Sample Information

Report Title: QUANTITATIVE ANALYSIS REPORT
Batch ID:
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CAL4.069
Tuning File: C:\Elandata\Tuning\Default.tun
Optimization File: C:\Elandata\Optimize\Default.dac
Blank File:
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Calibration Type: External Calibration

Calibration

Analyte	Mass	Curve Type	Slope	Intercept	Correlation Coefficient	Std 1 Conc
AsO	91	Weighted Linear	0.005	-0.000	0.999670	0.025000
Se	78	Weighted Linear	0.001	-0.000	0.996754	0.050000
Se	77	Weighted Linear	0.000	-0.000	0.998018	0.050000
Rh	103	Weighted Linear				
Br	79	Weighted Linear				
Cl	35	Weighted Linear				
C	13	Weighted Linear				

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICB1

Sample Description:

Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 14:45:38
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91		12	2	14.4			ug/L
|	Se	78		6	1	19.2			ug/L
|	Se	77		2	1	32.8			ug/L
L>	Rh	103		157933	2838	1.8			ug/L
	Br	79		3	3	100.0			ug/L
	Cl	35		227	15	6.5			ug/L
	C	13		1127	95	8.4			ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL1

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 14:47:07
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 2

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CAL1.066
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	28	8	29.4	0.000099	**0.0252**	ug/L
|	Se	78	6	8	1	11.0	0.000012	**0.0462**	ug/L
|	Se	77	2	3	1	36.1	0.000004	**0.0520**	ug/L
L>	Rh	103	157933	158069	1105	0.7	158069.087015		ug/L
	Br	79	3	8	4	57.7	5.000003		ug/L
	Cl	35	227	230	16	6.8	3.333418		ug/L
	C	13	1127	1150	22	1.9	23.335941		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL2

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 14:48:35
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 3

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CAL2.067
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	45	5	10.6	0.000213	**0.0495**	ug/L
|	Se	78	6	14	2	11.6	0.000050	**0.1145**	ug/L
|	Se	77	2	4	0	10.7	0.000011	**0.0970**	ug/L
⌊>	Rh	103	157933	154613	9305	6.0	154612.621627		ug/L
	Br	79	3	2	1	86.6	-0.833334		ug/L
	Cl	35	227	233	16	6.9	6.666837		ug/L
	C	13	1127	1153	87	7.5	25.836514		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL3

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 14:50:04
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 4

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CAL3.068
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	188	10	5.2	0.001108	**0.2401**	ug/L
|	Se	78	6	27	5	17.0	0.000131	**0.2605**	ug/L
|	Se	77	2	7	1	8.4	0.000031	**0.2199**	ug/L
⌊>	Rh	103	157933	158561	1723	1.1	158560.937597		ug/L
	Br	79	3	2	1	86.6	-0.833334		ug/L
	Cl	35	227	242	20	8.4	15.000394		ug/L
	C	13	1127	1198	19	1.6	71.675513		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL4

Sample Description:

Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 14:51:32
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CAL4.069
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	733	26	3.6	0.004574	**0.9786**	ug/L
|	Se	78	6	85	2	2.7	0.000500	**0.9246**	ug/L
|	Se	77	2	26	5	20.1	0.000154	**0.9786**	ug/L
⌊>	Rh	103	157933	157578	2804	1.8	157577.567744		ug/L
	Br	79	3	1	1	173.2	-1.666667		ug/L
	Cl	35	227	225	4	1.9	-1.666715		ug/L
	C	13	1127	1137	73	6.5	10.001110		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL5

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 14:53:01
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CAL5.070
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	3839	22	0.6	0.023980	**5.1133**	ug/L
|	Se	78	6	430	9	2.2	0.002654	**4.7999**	ug/L
|	Se	77	2	133	11	8.2	0.000822	**5.0883**	ug/L
L>	Rh	103	157933	159597	1215	0.8	159597.114121		ug/L
	Br	79	3	3	3	86.6	0.833334		ug/L
	Cl	35	227	215	44	20.7	-11.666886		ug/L
	C	13	1127	1153	19	1.6	25.836253		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL6

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 14:54:29
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CAL6.071
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	18899	364	1.9	0.119546	**25.4754**	ug/L
|	Se	78	6	2217	28	1.3	0.013992	**25.2022**	ug/L
|	Se	77	2	669	18	2.7	0.004220	**25.9987**	ug/L
⌊>	Rh	103	157933	157992	3111	2.0	157992.237283		ug/L
	Br	79	3	3	4	114.6	0.833334		ug/L
	Cl	35	227	246	3	1.2	19.167157		ug/L
	C	13	1127	1198	41	3.4	70.842118		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL7

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 14:55:58
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 8

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CAL7.072
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	93964	1439	1.5	0.602743	**128.4286**	ug/L
|	Se	78	6	10668	97	0.9	0.068406	**123.1122**	ug/L
|	Se	77	2	3251	30	0.9	0.020846	**128.3181**	ug/L
L>	Rh	103	157933	155876	2489	1.6	155876.049232		ug/L
	Br	79	3	8	7	88.2	5.000004		ug/L
	Cl	35	227	263	14	5.3	35.834297		ug/L
	C	13	1127	1222	20	1.7	95.011954		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL8

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 14:57:26
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 9

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CAL8.073
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	366759	2435	0.7	2.328676	**496.1671**	ug/L
|	Se	78	6	44307	773	1.7	0.281205	**506.0113**	ug/L
|	Se	77	2	13410	271	2.0	0.085100	**523.7537**	ug/L
L>	Rh	103	157933	157667	7031	4.5	157667.254717		ug/L
	Br	79	3	9	5	56.8	6.666672		ug/L
	Cl	35	227	248	33	13.1	20.833908		ug/L
	C	13	1127	1170	69	5.9	43.338650		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICB2

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 14:58:55
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB2.074
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	390	245	62.7	0.002403	**0.5161**	ug/L
|	Se	78	6	99	18	18.6	0.000589	**1.0853**	ug/L
|	Se	77	2	34	3	9.7	0.000202	**1.2734**	ug/L
L>	Rh	103	157933	157560	1437	0.9	157560.400292		ug/L
	Br	79	3	1	1	173.2	-1.666667		ug/L
	Cl	35	227	202	15	7.3	-25.000589		ug/L
	C	13	1127	1143	16	1.4	16.668425		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	99.764
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICV1

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 15:00:48
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 10

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICV1.075
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	4015	62	1.5	0.024730	**5.2732**	ug/L
|	Se	78	6	983	1	0.1	0.006033	**10.8811**	ug/L
|	Se	77	2	303	3	1.1	0.001860	**11.4765**	ug/L
⌊>	Rh	103	157933	161857	1252	0.8	161856.540408		ug/L
	Br	79	3	4	4	91.7	1.666668		ug/L
	Cl	35	227	248	25	10.3	20.833892		ug/L
	C	13	1127	1122	80	7.1	-5.000716		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	102.484
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICB3

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 15:02:18
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB3.076
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	70	56	80.4	0.000354	**0.0796**	ug/L
|	Se	78	6	19	5	26.9	0.000077	**0.1645**	ug/L
|	Se	77	2	4	2	48.9	0.000014	**0.1130**	ug/L
⌊>	Rh	103	157933	160949	4894	3.0	160948.937902		ug/L
	Br	79	3	2	3	173.2	-0.833333		ug/L
	Cl	35	227	256	22	8.4	29.167450		ug/L
	C	13	1127	1157	43	3.7	30.003503		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	101.910
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-IBL1

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 15:04:29
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 101

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-IBL1.077
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	25	4	14.9	0.000085	**0.0222**	ug/L
|	Se	78	6	8	1	6.2	0.000013	**0.0482**	ug/L
|	Se	77	2	2	1	34.6	0.000001	**0.0363**	ug/L
⌊>	Rh	103	157933	157529	3143	2.0	157529.314286		ug/L
	Br	79	3	0	0		-2.500001		ug/L
	Cl	35	227	224	32	14.1	-2.500033		ug/L
	C	13	1127	1157	33	2.9	30.003476		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	99.745
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-IBL2

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 15:05:58
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 102

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-IBL2.078
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	12	17	3	17.6	0.000032	**0.0110**	ug/L
│	Se	78	6	9	0	5.7	0.000015	**0.0525**	ug/L
│	Se	77	2	3	0	14.8	0.000004	**0.0559**	ug/L
└>	Rh	103	157933	156933	1449	0.9	156933.022181		ug/L
	Br	79	3	3	1	43.3	0.833333		ug/L
	Cl	35	227	237	3	1.2	10.000247		ug/L
	C	13	1127	1188	68	5.8	61.674359		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	99.367
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-IBL3

Sample Description:

Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 15:07:27
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 103

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-IBL3.079
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	16	3	19.7	0.000028	**0.0100**	ug/L
	Se	78	6	6	1	24.9	-0.000002	**0.0208**	ug/L
	Se	77	2	2	1	28.4	-0.000000	**0.0264**	ug/L
>	Rh	103	157933	157157	328	0.2	157156.766649		ug/L
	Br	79	3	4	1	34.6	1.666667		ug/L
	Cl	35	227	247	9	3.8	20.000516		ug/L
	C	13	1127	1207	110	9.1	80.010378		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	99.509
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-IBL4

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 15:08:55
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 104

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-IBL4.080
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	13	2	15.6	0.000009	**0.0059**	ug/L
|	Se	78	6	8	0	3.1	0.000009	**0.0407**	ug/L
|	Se	77	2	2	1	34.6	-0.000002	**0.0196**	ug/L
L>	Rh	103	157933	157454	2022	1.3	157454.494511		ug/L
	Br	79	3	3	3	100.0	-0.000000		ug/L
	Cl	35	227	268	16	5.8	40.834444		ug/L
	C	13	1127	1196	64	5.3	69.175320		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	99.697
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-SCV1

Sample Description: 5x

Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 15:10:24
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 105

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-SCV1.081
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	12	9699	57	0.6	0.059390	**63.2909**	ug/L
│	Se	78	6	232	10	4.2	0.001380	**12.5391**	ug/L
│	Se	77	2	75	1	1.2	0.000448	**13.9233**	ug/L
└>	Rh	103	157933	163092	177	0.1	163092.448035		ug/L
	Br	79	3	5	4	86.6	2.500001		ug/L
	Cl	35	227	263	16	6.2	36.667657		ug/L
	C	13	1127	1239	50	4.0	112.514400		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	103.267
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV1

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 15:12:59
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCV1.082
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	12	728	34	4.7	0.004539	**0.9713**	ug/L
│	Se	78	6	87	5	5.3	0.000512	**0.9460**	ug/L
│	Se	77	2	26	2	7.2	0.000154	**0.9745**	ug/L
└>	Rh	103	157933	157768	3851	2.4	157767.739211		ug/L
	Br	79	3	3	3	100.0	-0.000000		ug/L
	Cl	35	227	238	36	15.2	11.667005		ug/L
	C	13	1127	1150	80	7.0	23.336161		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	99.895
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB1

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 15:14:29
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCB1.083
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	14	4	28.2	0.000017	**0.0076**	ug/L
|	Se	78	6	6	1	12.8	-0.000000	**0.0250**	ug/L
|	Se	77	2	2	1	31.2	-0.000001	**0.0204**	ug/L
L>	Rh	103	157933	155824	4758	3.1	155824.090565		ug/L
	Br	79	3	1	1	173.2	-1.666667		ug/L
	Cl	35	227	277	31	11.0	50.001411		ug/L
	C	13	1127	1200	44	3.7	73.342459		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	98.665
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121711-BLK1

Sample Description:

Batch ID: B121711

Sample Date/Time: Wednesday, September 19, 2012 15:16:22
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 106

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121711-BLK1.084
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	11	2	13.5	-0.000004	**0.0032**	ug/L
|	Se	78	6	5	0	7.3	-0.000007	**0.0128**	ug/L
|	Se	77	2	1	1	56.7	-0.000003	**0.0098**	ug/L
⌊>	Rh	103	157933	157993	1130	0.7	157992.779650		ug/L
	Br	79	3	3	4	173.2	0.000000		ug/L
	Cl	35	227	245	23	9.4	18.333820		ug/L
	C	13	1127	1196	61	5.1	69.175309		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	100.038
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121711-BLK2

Sample Description:

Batch ID: B121711

Sample Date/Time: Wednesday, September 19, 2012 15:17:50
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 107

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121711-BLK2.085
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	7			-0.000032	**-0.0028**	ug/L
|	Se	78	6	4	1	25.5	-0.000015	**-0.0019**	ug/L
|	Se	77	2	1	1	36.7	-0.000003	**0.0091**	ug/L
L>	Rh	103	157933	159958	1919	1.2	159958.461076		ug/L
	Br	79	3	3	1	43.3	0.833333		ug/L
	Cl	35	227	253	9	3.6	25.834009		ug/L
	C	13	1127	1178	74	6.3	51.673085		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	101.283
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121711-BLK3

Sample Description:

Batch ID: B121711

Sample Date/Time: Wednesday, September 19, 2012 15:19:19
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 108

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121711-BLK3.086
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	7	1	15.7	-0.000030	**-0.0023**	ug/L
	Se	78	6	4	1	20.2	-0.000012	**0.0028**	ug/L
	Se	77	2	1	1	68.9	-0.000005	**-0.0007**	ug/L
>	Rh	103	157933	160154	1777	1.1	160154.346149		ug/L
	Br	79	3	3	3	100.0	-0.000000		ug/L
	Cl	35	227	253	15	6.0	26.667371		ug/L
	C	13	1127	1138	46	4.0	10.834428		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	101.407
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121711-BLK4

Sample Description:

Batch ID: B121711

Sample Date/Time: Wednesday, September 19, 2012 15:20:47
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 109

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121711-BLK4.087
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	5	2	40.0	-0.000044	**-0.0054**	ug/L
|	Se	78	6	4	1	28.3	-0.000014	**-0.0006**	ug/L
|	Se	77	2	2	1	50.0	-0.000003	**0.0128**	ug/L
⌊>	Rh	103	157933	158331	660	0.4	158331.058994		ug/L
	Br	79	3	3	3	100.0	-0.000000		ug/L
	Cl	35	227	255	23	9.0	28.334095		ug/L
	C	13	1127	1195	67	5.6	68.341893		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	100.252
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121711-BS1

Sample Description:

Batch ID: B121711

Sample Date/Time: Wednesday, September 19, 2012 15:22:16
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 110

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121711-BS1.088
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	3281	31	0.9	0.020188	**4.3054**	ug/L
|	Se	78	6	379	5	1.2	0.002302	**4.1665**	ug/L
|	Se	77	2	111	3	2.7	0.000674	**4.1796**	ug/L
L>	Rh	103	157933	161917	1584	1.0	161916.799569		ug/L
	Br	79	3	3	3	100.0	-0.000000		ug/L
	Cl	35	227	243	7	3.0	16.667092		ug/L
	C	13	1127	1236	109	8.8	109.180957		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	102.523
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1237023-01

Sample Description:
Batch ID: B121711

Sample Date/Time: Wednesday, September 19, 2012 15:23:44
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 111

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1237023-01.089
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	9187	40	0.4	0.060513	**12.8974**	ug/L
	Se	78	6	14	0	1.0	0.000049	**0.1143**	ug/L
	Se	77	2	4	0	10.0	0.000013	**0.1102**	ug/L
>	Rh	103	157933	151633	1201	0.8	151632.508733		ug/L
	Br	79	3	32	7	22.8	29.166723		ug/L
	Cl	35	227	239	10	4.2	12.500316		ug/L
	C	13	1127	1075	46	4.3	-51.673179		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	96.011
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121711-DUP1

Sample Description:
Batch ID: B121711

Sample Date/Time: Wednesday, September 19, 2012 15:29:41
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 112

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121711-DUP1.090
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	9134	101	1.1	0.060963	**12.9933**	ug/L
|	Se	78	6	10	1	10.0	0.000026	**0.0723**	ug/L
|	Se	77	2	3	1	31.0	0.000007	**0.0711**	ug/L
L>	Rh	103	157933	149642	370	0.2	149641.543832		ug/L
	Br	79	3	33	4	13.3	30.000058		ug/L
	Cl	35	227	243	46	19.0	16.667168		ug/L
	C	13	1127	1161	83	7.2	34.170888		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	94.750
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121711-MS1

Sample Description:

Batch ID: B121711

Sample Date/Time: Wednesday, September 19, 2012 15:31:09
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 113

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121711-MS1.091
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	48325	301	0.6	0.321593	**68.5249**	ug/L
	Se	78	6	10	1	12.3	0.000026	**0.0728**	ug/L
	Se	77	2	5	2	34.6	0.000021	**0.1560**	ug/L
>	Rh	103	157933	150235	669	0.4	150235.396314		ug/L
	Br	79	3	28	5	18.2	25.000042		ug/L
	Cl	35	227	258	26	10.3	30.834172		ug/L
	C	13	1127	1103	57	5.2	-24.169842		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	95.126
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121711-MSD1

Sample Description:
Batch ID: B121711

Sample Date/Time: Wednesday, September 19, 2012 15:32:37
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 114

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121711-MSD1.092
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	48547	110	0.2	0.320248	**68.2382**	ug/L
	Se	78	6	10	1	5.4	0.000023	**0.0667**	ug/L
	Se	77	2	3	1	23.6	0.000005	**0.0629**	ug/L
>	Rh	103	157933	151579	2094	1.4	151579.236515		ug/L
	Br	79	3	38	17	43.4	35.833424		ug/L
	Cl	35	227	237	10	4.3	10.000251		ug/L
	C	13	1127	1148	8	0.7	21.669048		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	95.977
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV2

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 15:34:06
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCV2.093
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	800	34	4.2	0.005049	**1.0800**	ug/L
	Se	78	6	90	4	3.9	0.000534	**0.9868**	ug/L
	Se	77	2	28	3	9.7	0.000165	**1.0455**	ug/L
>	Rh	103	157933	156051	2648	1.7	156050.703248		ug/L
	Br	79	3	1	1	173.2	-1.666667		ug/L
	Cl	35	227	254	39	15.2	27.500774		ug/L
	C	13	1127	1186	36	3.0	59.173907		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	98.808
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB2

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 15:35:36
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCB2.094
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	61	65	107.9	0.000307	**0.0695**	ug/L
|	Se	78	6	4	0	10.4	-0.000018	**-0.0065**	ug/L
|	Se	77	2	1	0	34.6	-0.000007	**-0.0132**	ug/L
⌊>	Rh	103	157933	158965	1705	1.1	158965.407549		ug/L
	Br	79	3	0	0		-2.500001		ug/L
	Cl	35	227	244	9	3.6	17.500448		ug/L
	C	13	1127	1178	24	2.0	50.839465		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	100.654
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV3

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 15:38:04
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCV3.095
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	12	735	30	4.1	0.004706	**1.0069**	ug/L
│	Se	78	6	80	2	2.9	0.000480	**0.8887**	ug/L
│	Se	77	2	26	3	13.5	0.000155	**0.9831**	ug/L
└>	Rh	103	157933	153862	3840	2.5	153862.486000		ug/L
	Br	79	3	3	0	0.0	-0.000000		ug/L
	Cl	35	227	253	27	10.7	25.834033		ug/L
	C	13	1127	1221	75	6.1	94.178700		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	97.423
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB3

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 15:39:33
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCB3.096
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	12	9	70.8	0.000001	**0.0044**	ug/L
|	Se	78	6	3	1	23.9	-0.000019	**-0.0097**	ug/L
|	Se	77	2	1	1	75.0	-0.000006	**-0.0069**	ug/L
⌊>	Rh	103	157933	160311	2119	1.3	160311.290427		ug/L
	Br	79	3	2	1	86.6	-0.833334		ug/L
	Cl	35	227	261	12	4.5	34.167580		ug/L
	C	13	1127	1156	35	3.1	29.170042		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	101.506
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1237023-02

Sample Description:
Batch ID: B121711

Sample Date/Time: Wednesday, September 19, 2012 15:41:09
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 115

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1237023-02.097
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	9551	71	0.7	0.061896	**13.1922**	ug/L
|	Se	78	6	10	2	24.3	0.000021	**0.0639**	ug/L
|	Se	77	2	4	1	37.1	0.000011	**0.0942**	ug/L
L>	Rh	103	157933	154123	841	0.5	154123.008384		ug/L
	Br	79	3	26	3	11.2	23.333370		ug/L
	Cl	35	227	248	14	5.5	21.667232		ug/L
	C	13	1127	1119	44	3.9	-7.501187		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	97.588
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1237023-05

Sample Description:
Batch ID: B121711

Sample Date/Time: Wednesday, September 19, 2012 15:42:37
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 116

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1237023-05.098
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	24226	57	0.2	0.160888	**34.2839**	ug/L
	Se	78	6	7	1	15.5	0.000004	**0.0331**	ug/L
	Se	77	2	3	1	39.8	0.000007	**0.0704**	ug/L
>	Rh	103	157933	150504	293	0.2	150503.937389		ug/L
	Br	79	3	39	8	19.5	36.666753		ug/L
	Cl	35	227	244	17	6.8	17.500455		ug/L
	C	13	1127	1094	60	5.5	-32.504170		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	95.296
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1237023-06

Sample Description:
Batch ID: B121711

Sample Date/Time: Wednesday, September 19, 2012 15:44:05
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 117

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1237023-06.099
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	24276	292	1.2	0.163281	**34.7937**	ug/L
	Se	78	6	5	1	10.4	-0.000005	**0.0154**	ug/L
	Se	77	2	3	1	39.7	0.000009	**0.0854**	ug/L
>	Rh	103	157933	148636	1728	1.2	148636.186644		ug/L
	Br	79	3	44	6	13.1	41.666775		ug/L
	Cl	35	227	258	6	2.2	31.667505		ug/L
	C	13	1127	1103	7	0.7	-23.336526		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	94.114
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV4

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 15:45:54
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCV4.100
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	749	24	3.2	0.004652	**0.9953**	ug/L
|	Se	78	6	84	8	9.5	0.000490	**0.9076**	ug/L
|	Se	77	2	26	3	10.6	0.000152	**0.9621**	ug/L
L>	Rh	103	157933	158345	534	0.3	158345.468039		ug/L
	Br	79	3	3	3	100.0	-0.000000		ug/L
	Cl	35	227	239	17	7.0	12.500323		ug/L
	C	13	1127	1162	53	4.6	35.004176		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	100.261
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB4

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 15:47:23
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCB4.101
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	13	3	20.4	0.000007	**0.0057**	ug/L
|	Se	78	6	3	1	35.6	-0.000020	**-0.0103**	ug/L
|	Se	77	2	1	0	43.3	-0.000006	**-0.0059**	ug/L
⌊>	Rh	103	157933	155554	2121	1.4	155553.873463		ug/L
	Br	79	3	2	3	173.2	-0.833333		ug/L
	Cl	35	227	248	11	4.5	21.667230		ug/L
	C	13	1127	1246	26	2.1	119.181910		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	98.494
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-19

Sample Description:

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 15:49:21
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 118

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-19.102
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	6	1	9.1	-0.000036	**-0.0036**	ug/L
	Se	78	6	2	1	37.5	-0.000027	**-0.0234**	ug/L
	Se	77	2	1	1	44.6	-0.000005	**-0.0005**	ug/L
>	Rh	103	157933	158702	4854	3.1	158702.443746		ug/L
	Br	79	3	2	1	86.6	-0.833334		ug/L
	Cl	35	227	238	38	15.9	10.833654		ug/L
	C	13	1127	1153	28	2.4	26.669707		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	100.487
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236012-13

Sample Description:

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 15:50:49
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 119

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236012-13.103
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	14	5	32.7	0.000014	**0.0071**	ug/L
	Se	78	6	3	1	28.9	-0.000021	**-0.0121**	ug/L
	Se	77	2	1	1	36.7	-0.000003	**0.0109**	ug/L
>	Rh	103	157933	155057	2062	1.3	155057.153173		ug/L
	Br	79	3	1	1	173.2	-1.666667		ug/L
	Cl	35	227	262	7	2.8	35.000934		ug/L
	C	13	1127	1226	54	4.4	99.179275		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	98.179
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1235020-09

Sample Description:

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 15:52:17
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 120

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1235020-09.104
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	8	2	27.2	-0.000027	**-0.0017**	ug/L
	Se	78	6	3	0	12.5	-0.000021	**-0.0125**	ug/L
	Se	77	2	1	0	57.7	-0.000007	**-0.0160**	ug/L
>	Rh	103	157933	157592	2737	1.7	157591.967656		ug/L
	Br	79	3	3	0	0.0	-0.000000		ug/L
	Cl	35	227	237	36	15.0	10.000293		ug/L
	C	13	1127	1178	59	5.0	50.839572		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	99.784
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1235020-10

Sample Description:

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 15:53:45
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 121

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1235020-10.105
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	9	3	30.9	-0.000017	**0.0004**	ug/L
|	Se	78	6	3	0	14.3	-0.000022	**-0.0139**	ug/L
|	Se	77	2	1	0	41.7	-0.000006	**-0.0099**	ug/L
⌊>	Rh	103	157933	158905	701	0.4	158905.114214		ug/L
	Br	79	3	2	3	173.2	-0.833333		ug/L
	Cl	35	227	239	24	9.9	12.500333		ug/L
	C	13	1127	1170	22	1.9	43.338493		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	100.616
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-01

Sample Description:

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 15:55:13
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 122

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-01.106
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	108	7	6.8	0.000701	**0.1534**	ug/L
|	Se	78	6	85	6	7.3	0.000574	**1.0583**	ug/L
|	Se	77	2	47	2	4.0	0.000327	**2.0437**	ug/L
L>	Rh	103	157933	138573	2920	2.1	138572.614195		ug/L
	Br	79	3	200	34	16.8	197.502241		ug/L
	Cl	35	227	253	26	10.5	25.834032		ug/L
	C	13	1127	1133	55	4.9	6.667274		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	87.741
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-02

Sample Description:
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 16:03:08
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 123

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-02.107
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	63	7	11.1	0.000433	**0.0964**	ug/L
	Se	78	6	298	11	3.7	0.002364	**4.2797**	ug/L
	Se	77	2	99	3	3.2	0.000787	**4.8743**	ug/L
>	Rh	103	157933	123748	700	0.6	123748.240025		ug/L
	Br	79	3	881	25	2.9	878.376031		ug/L
	Cl	35	227	242	22	8.9	15.000396		ug/L
	C	13	1127	1047	71	6.8	-80.009712		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	78.355
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121690-DUP1

Sample Description:

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 16:04:36
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 124

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121690-DUP1.108
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	57	11	19.4	0.000406	**0.0906**	ug/L
	Se	78	6	275	3	1.1	0.002297	**4.1582**	ug/L
	Se	77	2	91	4	3.9	0.000764	**4.7323**	ug/L
>	Rh	103	157933	117804	2173	1.8	117804.372299		ug/L
	Br	79	3	922	36	3.9	919.213437		ug/L
	Cl	35	227	215	29	13.4	-11.666927		ug/L
	C	13	1127	1023	42	4.1	-104.179249		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	74.591
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121690-MS1

Sample Description:

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 16:06:04
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 125

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121690-MS1.109
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	6260	53	0.8	0.055052	**11.7338**	ug/L
|	Se	78	6	6487	84	1.3	0.057078	**102.7294**	ug/L
|	Se	77	2	1931	12	0.6	0.016990	**104.5879**	ug/L
L>	Rh	103	157933	113565	1112	1.0	113564.976663		ug/L
	Br	79	3	794	38	4.7	791.701408		ug/L
	Cl	35	227	195	35	18.1	-31.667363		ug/L
	C	13	1127	1032	61	5.9	-95.011476		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	71.907
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121690-MSD1

Sample Description:

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 16:07:32
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 126

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121690-MSD1.110
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	6168	64	1.0	0.054991	**11.7209**	ug/L
|	Se	78	6	6398	56	0.9	0.057081	**102.7338**	ug/L
|	Se	77	2	1924	41	2.1	0.017161	**105.6434**	ug/L
L>	Rh	103	157933	112015	616	0.5	112015.060284		ug/L
	Br	79	3	853	58	6.8	850.040095		ug/L
	Cl	35	227	229	6	2.7	2.500056		ug/L
	C	13	1127	964	71	7.3	-162.518837		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	70.926
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-03

Sample Description:

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 16:09:00
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 127

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-03.111
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	268	27	10.3	0.001729	**0.3724**	ug/L
|	Se	78	6	37	3	7.8	0.000211	**0.4042**	ug/L
|	Se	77	2	13	2	13.7	0.000074	**0.4836**	ug/L
L>	Rh	103	157933	148349	452	0.3	148348.952264		ug/L
	Br	79	3	73	6	7.9	70.833630		ug/L
	Cl	35	227	248	36	14.6	20.833916		ug/L
	C	13	1127	1277	25	2.0	150.019520		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	93.932
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV5

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 16:10:30
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCV5.112
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	730	30	4.2	0.004757	**1.0176**	ug/L
|	Se	78	6	83	2	2.7	0.000507	**0.9383**	ug/L
|	Se	77	2	23	2	10.0	0.000137	**0.8712**	ug/L
L>	Rh	103	157933	151006	1505	1.0	151005.564816		ug/L
	Br	79	3	8	4	57.7	5.000003		ug/L
	Cl	35	227	233	38	16.4	6.666881		ug/L
	C	13	1127	1292	69	5.3	165.021789		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	95.614
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB5

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 16:11:59
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCB5.113
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	4	2	48.0	-0.000047	**-0.0059**	ug/L
|	Se	78	6	8	3	44.2	0.000011	**0.0457**	ug/L
|	Se	77	2	3	1	28.6	0.000006	**0.0636**	ug/L
L>	Rh	103	157933	150825	1773	1.2	150825.137917		ug/L
	Br	79	3	9	5	56.8	6.666672		ug/L
	Cl	35	227	213	26	12.2	-14.166992		ug/L
	C	13	1127	1222	46	3.8	95.012017		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	95.500
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-01RE1

Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 16:35:59
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 101

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-01RE1.114
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	53	2	4.0	0.000292	**0.1325**	ug/L
|	Se	78	6	42	5	11.8	0.000253	**0.9608**	ug/L
|	Se	77	2	24	2	6.4	0.000154	**1.9501**	ug/L
L>	Rh	103	157933	143281	1719	1.2	143281.233840		ug/L
	Br	79	3	90	16	18.2	87.500455		ug/L
	Cl	35	227	230	41	17.8	3.333471		ug/L
	C	13	1127	1223	70	5.7	96.679011		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	90.723
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-02RE1

Sample Description: 2x

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 16:37:28
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 102

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-02RE1.115
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	12	28	5	17.8	0.000137	**0.0665**	ug/L
│	Se	78	6	148	2	1.3	0.001074	**3.9148**	ug/L
│	Se	77	2	52	2	3.8	0.000375	**4.6694**	ug/L
└>	Rh	103	157933	133156	1465	1.1	133155.660840		ug/L
	Br	79	3	408	37	9.2	405.009184		ug/L
	Cl	35	227	222	9	4.3	-5.000128		ug/L
	C	13	1127	1213	49	4.1	86.677578		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	84.312
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121690-DUP2

Sample Description: 2x

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 16:38:56
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 103

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121690-DUP2.116
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	32	4	12.8	0.000176	**0.0831**	ug/L
	Se	78	6	139	1	0.6	0.001066	**3.8872**	ug/L
	Se	77	2	52	4	7.0	0.000406	**5.0540**	ug/L
>	Rh	103	157933	125620	8803	7.0	125619.746378		ug/L
	Br	79	3	466	81	17.3	463.345507		ug/L
	Cl	35	227	209	13	6.0	-17.500422		ug/L
	C	13	1127	1176	25	2.1	49.172584		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	79.540
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121690-MS2
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 16:40:24
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 104

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121690-MS2.117
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	12	3156	62	2.0	0.023936	**10.2083**	ug/L
│	Se	78	6	449	2	0.4	0.003374	**12.1936**	ug/L
│	Se	77	2	138	2	1.2	0.001040	**12.8556**	ug/L
└>	Rh	103	157933	131439	128	0.1	131439.208726		ug/L
	Br	79	3	435	8	1.7	432.510409		ug/L
	Cl	35	227	236	18	7.4	9.166903		ug/L
	C	13	1127	1156	14	1.2	29.170004		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	83.225
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121690-MSD2

Sample Description: 2x

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 16:41:52
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 105

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121690-MSD2.118
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	3206	48	1.5	0.024323	**10.3728**	ug/L
	Se	78	6	451	6	1.3	0.003394	**12.2633**	ug/L
	Se	77	2	140	3	2.1	0.001053	**13.0217**	ug/L
>	Rh	103	157933	131409	741	0.6	131408.792868		ug/L
	Br	79	3	410	31	7.5	407.509280		ug/L
	Cl	35	227	223	8	3.6	-3.333421		ug/L
	C	13	1127	1106	54	4.9	-20.836118		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	83.205
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-03RE1

Sample Description: 2x

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 16:43:20
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 106

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-03RE1.119
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	131	12	8.8	0.000780	**0.3406**	ug/L
	Se	78	6	7	3	34.0	0.000008	**0.0780**	ug/L
	Se	77	2	3	1	24.1	0.000009	**0.1640**	ug/L
>	Rh	103	157933	152817	2911	1.9	152816.506264		ug/L
	Br	79	3	30	15	50.0	27.500057		ug/L
	Cl	35	227	237	45	19.2	10.000323		ug/L
	C	13	1127	1307	57	4.4	180.023879		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	96.760
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-04
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 16:44:48
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 107

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-04.120
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	43	6	14.1	0.000207	**0.0964**	ug/L
|	Se	78	6	5	1	25.4	-0.000005	**0.0318**	ug/L
|	Se	77	2	1	1	65.5	-0.000004	**0.0032**	ug/L
L>	Rh	103	157933	153026	1001	0.7	153026.392331		ug/L
	Br	79	3	30	5	16.7	27.500050		ug/L
	Cl	35	227	248	20	7.9	20.833883		ug/L
	C	13	1127	1220	48	3.9	93.345132		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	96.893
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-05
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 16:46:16
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 108

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-05.121
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	821	29	3.5	0.009366	**3.9996**	ug/L
|	Se	78	6	256	3	1.3	0.002904	**10.4997**	ug/L
|	Se	77	2	292	9	3.0	0.003341	**41.1788**	ug/L
L>	Rh	103	157933	86982	1200	1.4	86981.690638		ug/L
	Br	79	3	601	21	3.5	598.353204		ug/L
	Cl	35	227	259	16	6.3	32.500870		ug/L
	C	13	1127	946	81	8.6	-180.854037		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	55.075
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-06
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 16:47:44
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 109

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-06.122
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	186	5	2.7	0.001927	**0.8291**	ug/L
|	Se	78	6	9	2	27.6	0.000056	**0.2527**	ug/L
|	Se	77	2	4	1	32.7	0.000026	**0.3742**	ug/L
L>	Rh	103	157933	92713	385	0.4	92712.869065		ug/L
	Br	79	3	360	37	10.3	357.507178		ug/L
	Cl	35	227	238	18	7.4	11.666969		ug/L
	C	13	1127	1137	35	3.1	10.000958		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	58.704
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-07
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 16:49:12
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 110

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-07.123
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	206	10	5.0	0.001496	**0.6456**	ug/L
|	Se	78	6	8	1	18.6	0.000020	**0.1212**	ug/L
|	Se	77	2	2	0	17.6	0.000004	**0.1122**	ug/L
L>	Rh	103	157933	131303	685	0.5	131303.112695		ug/L
	Br	79	3	31	4	12.4	28.333386		ug/L
	Cl	35	227	253	35	14.0	25.834052		ug/L
	C	13	1127	1328	11	0.8	200.860117		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	83.139
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV6

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 16:50:42
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCV6.124
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	716	6	0.8	0.004979	**1.0649**	ug/L
|	Se	78	6	68	5	7.0	0.000437	**0.8112**	ug/L
|	Se	77	2	19	2	8.6	0.000125	**0.7988**	ug/L
L>	Rh	103	157933	141589	689	0.5	141589.108014		ug/L
	Br	79	3	17	4	22.9	14.166682		ug/L
	Cl	35	227	247	12	4.8	20.000518		ug/L
	C	13	1127	1313	25	1.9	185.857956		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	89.651
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB6

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 16:52:12
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCB6.125
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	6	3	53.9	-0.000037	**-0.0038**	ug/L
	Se	78	6	2	1	26.0	-0.000024	**-0.0179**	ug/L
	Se	77	2	1	0	86.6	-0.000009	**-0.0241**	ug/L
>	Rh	103	157933	145480	2170	1.5	145479.971800		ug/L
	Br	79	3	9	5	56.8	6.666672		ug/L
	Cl	35	227	237	41	17.2	10.000308		ug/L
	C	13	1127	1434	77	5.4	307.543202		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	92.115
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-05RE1

Sample Description: 10x

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 17:15:20
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 126

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-05RE1.126
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	57	4	7.0	0.000338	**0.7612**	ug/L
	Se	78	6	4	1	24.9	-0.000011	**0.0499**	ug/L
	Se	77	2	1	0	0.0	-0.000003	**0.1013**	ug/L
>	Rh	103	157933	138435	1233	0.9	138435.294565		ug/L
	Br	79	3	89	16	18.0	86.667113		ug/L
	Cl	35	227	256	18	6.9	29.167444		ug/L
	C	13	1127	1238	47	3.8	111.680941		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	87.655
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-06RE1

Sample Description: 10x

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 17:16:48
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 127

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-06RE1.127
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	135	4	3.2	0.000835	**1.8204**	ug/L
	Se	78	6	7	0	5.5	0.000007	**0.3813**	ug/L
	Se	77	2	3	0	5.4	0.000006	**0.6532**	ug/L
>	Rh	103	157933	148158	588	0.4	148158.387226		ug/L
	Br	79	3	17	13	75.5	14.166687		ug/L
	Cl	35	227	282	33	11.6	55.001569		ug/L
	C	13	1127	1265	13	1.0	138.351206		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	93.811
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-08
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 17:18:16
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 128

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-08.128
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	88	17	19.5	0.000537	**0.2369**	ug/L
|	Se	78	6	15	1	7.2	0.000065	**0.2849**	ug/L
|	Se	77	2	5	1	19.9	0.000023	**0.3430**	ug/L
L>	Rh	103	157933	144195	1099	0.8	144194.610004		ug/L
	Br	79	3	8	5	66.7	5.000003		ug/L
	Cl	35	227	265	11	4.1	38.334366		ug/L
	C	13	1127	1336	5	0.4	209.194667		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	91.301
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-09
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 17:19:44
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 129

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-09.129
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	47	3	6.4	0.000249	**0.1144**	ug/L
|	Se	78	6	15	3	19.3	0.000065	**0.2859**	ug/L
|	Se	77	2	4	0	3.3	0.000018	**0.2780**	ug/L
⌊>	Rh	103	157933	144572	210	0.1	144572.160685		ug/L
	Br	79	3	13	0	0.0	10.000008		ug/L
	Cl	35	227	251	17	6.6	24.167304		ug/L
	C	13	1127	1291	38	2.9	164.188216		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	91.540
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-10
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 17:21:12
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 130

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-10.130
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	3	1	21.7	-0.000068	**-0.0206**	ug/L
|	Se	78	6	3	1	50.6	-0.000032	**-0.0631**	ug/L
|	Se	77	2	0	0	100.0	-0.000011	**-0.0813**	ug/L
L>	Rh	103	157933	318832	15959	5.0	318831.796050		ug/L
	Br	79	3	0	0		-2.500001		ug/L
	Cl	35	227	173	67	39.0	-54.167698		ug/L
	C	13	1127	3609	388	10.8	2482.318293		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	201.878
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-10RE1

Sample Description: 2x

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 17:27:46
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 129

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-10RE1.131
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	60	4	5.8	0.000355	**0.1593**	ug/L
|	Se	78	6	17	0	1.8	0.000080	**0.3369**	ug/L
|	Se	77	2	4	1	24.7	0.000015	**0.2466**	ug/L
⌊>	Rh	103	157933	140107	2417	1.7	140106.595646		ug/L
	Br	79	3	17	13	77.0	14.166687		ug/L
	Cl	35	227	253	15	6.0	25.834015		ug/L
	C	13	1127	1284	68	5.3	157.520722		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	88.713
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-11
Sample Description: 10x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 17:29:14
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 130

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-11.132
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	149	6	4.0	0.000957	**2.0804**	ug/L
|	Se	78	6	13	2	16.1	0.000047	**1.0951**	ug/L
|	Se	77	2	10	2	16.4	0.000057	**3.8016**	ug/L
⌊>	Rh	103	157933	144533	1006	0.7	144533.250622		ug/L
	Br	79	3	40	11	27.2	37.500092		ug/L
	Cl	35	227	259	24	9.2	32.500881		ug/L
	C	13	1127	1260	23	1.8	133.350524		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	91.516
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV7

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 17:34:29
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCV7.133
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	12	4100	45	1.1	0.026747	**5.7031**	ug/L
│	Se	78	6	361	8	2.1	0.002320	**4.1988**	ug/L
│	Se	77	2	108	9	7.9	0.000691	**4.2804**	ug/L
└>	Rh	103	157933	152878	1326	0.9	152878.122519		ug/L
	Br	79	3	2	1	86.6	-0.833334		ug/L
	Cl	35	227	271	13	4.6	44.167873		ug/L
	C	13	1127	1317	55	4.2	190.025314		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	96.799
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB7

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 17:35:58
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCB7.134
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	7	4	47.9	-0.000028	**-0.0019**	ug/L
|	Se	78	6	5	1	27.1	-0.000008	**0.0117**	ug/L
|	Se	77	2	1	0	20.0	-0.000004	**0.0047**	ug/L
L>	Rh	103	157933	153355	2124	1.4	153355.324663		ug/L
	Br	79	3	2	3	173.2	-0.833333		ug/L
	Cl	35	227	250	24	9.5	23.333958		ug/L
	C	13	1127	1340	31	2.3	213.361981		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	97.102
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-12
Sample Description: 10x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 17:37:28
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 131

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-12.135
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	37	4	9.4	0.000176	**0.4154**	ug/L
|	Se	78	6	3	1	22.1	-0.000020	**-0.1142**	ug/L
|	Se	77	2	1	0	57.3	-0.000008	**-0.1771**	ug/L
L>	Rh	103	157933	148314	1392	0.9	148314.288858		ug/L
	Br	79	3	40	9	21.7	37.500090		ug/L
	Cl	35	227	251	26	10.2	24.167317		ug/L
	C	13	1127	1266	40	3.2	139.184709		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	93.910
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121690-DUP3

Sample Description: 10x

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 17:38:56
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 132

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121690-DUP3.136
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	35	4	11.4	0.000160	**0.3823**	ug/L
|	Se	78	6	3	1	16.0	-0.000019	**-0.0846**	ug/L
|	Se	77	2	1	0	17.3	-0.000007	**-0.1083**	ug/L
⌊>	Rh	103	157933	148189	192	0.1	148188.866941		ug/L
	Br	79	3	32	6	19.9	29.166723		ug/L
	Cl	35	227	257	41	15.8	30.000850		ug/L
	C	13	1127	1381	52	3.8	254.201492		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	93.830
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121690-MS3

Sample Description: 10x

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 17:40:25
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 133

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121690-MS3.137
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	4062	16	0.4	0.027477	**58.5848**	ug/L
|	Se	78	6	375	8	2.0	0.002505	**45.3254**	ug/L
|	Se	77	2	112	3	2.5	0.000750	**46.4320**	ug/L
⌊>	Rh	103	157933	147442	1157	0.8	147441.914830		ug/L
	Br	79	3	32	11	35.6	29.166726		ug/L
	Cl	35	227	240	45	18.8	13.333742		ug/L
	C	13	1127	1323	45	3.4	196.692911		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	93.357
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121690-MSD3

Sample Description: 10x

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 17:41:53
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 134

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121690-MSD3.138
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	4076	46	1.1	0.027664	**58.9838**	ug/L
|	Se	78	6	380	6	1.6	0.002545	**46.0519**	ug/L
|	Se	77	2	124	8	6.6	0.000831	**51.4421**	ug/L
⌊>	Rh	103	157933	146943	905	0.6	146943.083240		ug/L
	Br	79	3	44	7	16.3	41.666775		ug/L
	Cl	35	227	255	11	4.5	28.334081		ug/L
	C	13	1127	1318	86	6.5	191.692381		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	93.042
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-13
Sample Description: 1000x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 17:43:21
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 0.01
Autosampler Position: 135

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-13.139
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	7	5	67.6	-0.000032	**-2.7712**	ug/L
|	Se	78	6	8	2	27.9	0.000009	**41.6046**	ug/L
|	Se	77	2	2	0	22.9	-0.000001	**21.8407**	ug/L
L>	Rh	103	157933	152428	219	0.1	152428.098777		ug/L
	Br	79	3	4	5	124.9	1.666668		ug/L
	Cl	35	227	237	33	14.1	10.000288		ug/L
	C	13	1127	1307	69	5.3	180.023936		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	96.515
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-14
Sample Description: 1000x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 17:44:49
Diluted To Volume (mL): 10.00
Aliquot Volume (mL): 0.01
Autosampler Position: 136

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-14.140
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	4	3	66.1	-0.000050	**-6.4630**	ug/L
|	Se	78	6	5	1	22.7	-0.000010	**6.7381**	ug/L
|	Se	77	2	1	0	31.5	-0.000006	**-8.1559**	ug/L
L>	Rh	103	157933	151380	1161	0.8	151380.016083		ug/L
	Br	79	3	3	3	100.0	-0.000000		ug/L
	Cl	35	227	269	38	14.3	42.501205		ug/L
	C	13	1127	1350	72	5.3	223.363616		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	95.851
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-15
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 17:46:17
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 137

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-15.141
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	4387	78	1.8	0.031144	**13.2796**	ug/L
|	Se	78	6	451	18	3.9	0.003167	**11.4479**	ug/L
|	Se	77	2	146	5	3.5	0.001024	**12.6682**	ug/L
⌊>	Rh	103	157933	140552	1466	1.0	140552.433076		ug/L
	Br	79	3	329	54	16.3	326.672731		ug/L
	Cl	35	227	268	23	8.6	40.834455		ug/L
	C	13	1127	1235	41	3.3	108.347136		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	88.995
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-16
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 17:47:45
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 138

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-16.142
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	1195	49	4.1	0.008343	**3.5633**	ug/L
|	Se	78	6	384	5	1.3	0.002668	**9.6511**	ug/L
|	Se	77	2	116	3	2.6	0.000806	**9.9835**	ug/L
⌊>	Rh	103	157933	141940	580	0.4	141940.350329		ug/L
	Br	79	3	362	11	3.1	359.173865		ug/L
	Cl	35	227	261	8	2.9	34.167577		ug/L
	C	13	1127	1248	39	3.1	120.848838		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	89.874
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-17
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 17:49:13
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 139

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-17.143
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	5283	56	1.1	0.036894	**15.7301**	ug/L
|	Se	78	6	468	7	1.4	0.003235	**11.6907**	ug/L
|	Se	77	2	134	4	3.2	0.000927	**11.4725**	ug/L
⌊>	Rh	103	157933	142894	2002	1.4	142893.574597		ug/L
	Br	79	3	378	18	4.6	375.007849		ug/L
	Cl	35	227	263	37	14.2	35.834341		ug/L
	C	13	1127	1278	38	3.0	151.686451		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	90.477
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236003-18

Sample Description: 2x

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 17:50:41
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 140

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236003-18.144
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	1918	20	1.0	0.013289	**5.6711**	ug/L
|	Se	78	6	396	5	1.4	0.002722	**9.8479**	ug/L
|	Se	77	2	113	6	5.6	0.000775	**9.5952**	ug/L
L>	Rh	103	157933	143472	472	0.3	143472.449811		ug/L
	Br	79	3	358	28	7.8	355.007057		ug/L
	Cl	35	227	275	3	0.9	48.334659		ug/L
	C	13	1127	1218	57	4.7	91.678279		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	90.844
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV8

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 17:52:11
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCV8.145
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	12	782	48	6.2	0.004874	**1.0426**	ug/L
│	Se	78	6	83	1	1.5	0.000486	**0.9000**	ug/L
│	Se	77	2	24	1	2.2	0.000139	**0.8838**	ug/L
└>	Rh	103	157933	157860	1709	1.1	157859.723369		ug/L
	Br	79	3	6	1	24.7	3.333335		ug/L
	Cl	35	227	254	6	2.5	27.500721		ug/L
	C	13	1127	1353	55	4.1	225.863909		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	99.954
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB8

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 17:53:40
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCB8.146
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	4	1	15.7	-0.000052	**-0.0069**	ug/L
|	Se	78	6	5	0	7.9	-0.000004	**0.0177**	ug/L
|	Se	77	2	2	1	32.9	-0.000002	**0.0197**	ug/L
L>	Rh	103	157933	151129	7535	5.0	151128.702781		ug/L
	Br	79	3	3	4	114.6	0.833334		ug/L
	Cl	35	227	253	30	11.9	25.834039		ug/L
	C	13	1127	1372	54	3.9	245.033443		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	95.692
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236012-01
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:03:40
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 141

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236012-01.147
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	79	9	11.0	0.000492	**0.2181**	ug/L
|	Se	78	6	23	3	11.6	0.000128	**0.5127**	ug/L
|	Se	77	2	7	1	17.9	0.000040	**0.5537**	ug/L
L>	Rh	103	157933	138364	718	0.5	138364.188321		ug/L
	Br	79	3	27	8	28.6	24.166707		ug/L
	Cl	35	227	244	15	6.3	17.500454		ug/L
	C	13	1127	1306	76	5.8	179.190519		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	87.610
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236012-02
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:05:08
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 142

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236012-02.148
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	44	9	20.5	0.000244	**0.1123**	ug/L
|	Se	78	6	21	3	16.1	0.000111	**0.4502**	ug/L
|	Se	77	2	6	2	31.0	0.000032	**0.4569**	ug/L
L>	Rh	103	157933	138241	1606	1.2	138240.738712		ug/L
	Br	79	3	33	18	55.5	30.000069		ug/L
	Cl	35	227	269	36	13.5	42.501200		ug/L
	C	13	1127	1237	91	7.3	110.014269		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	87.531
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121690-DUP4
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:06:37
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 143

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121690-DUP4.149
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	48	6	13.5	0.000264	**0.1206**	ug/L
|	Se	78	6	22	4	16.6	0.000114	**0.4600**	ug/L
|	Se	77	2	6	2	24.1	0.000033	**0.4646**	ug/L
L>	Rh	103	157933	140249	686	0.5	140248.567168		ug/L
	Br	79	3	46	12	25.8	43.333453		ug/L
	Cl	35	227	238	4	1.6	11.666958		ug/L
	C	13	1127	1281	61	4.8	154.186888		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	88.803
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121690-MS4

Sample Description: 2x

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:08:05
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 144

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121690-MS4.150
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	12	7028	119	1.7	0.050506	**21.5307**	ug/L
│	Se	78	6	668	29	4.3	0.004764	**17.1937**	ug/L
│	Se	77	2	200	6	3.1	0.001426	**17.6131**	ug/L
└>	Rh	103	157933	138932	529	0.4	138931.906930		ug/L
	Br	79	3	31	5	16.9	28.333386		ug/L
	Cl	35	227	258	45	17.3	31.667577		ug/L
	C	13	1127	1318	102	7.8	190.859041		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	87.969
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121690-MSD4

Sample Description: 2x

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:09:33
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 145

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121690-MSD4.151
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	7071	39	0.6	0.050603	**21.5717**	ug/L
	Se	78	6	673	15	2.3	0.004781	**17.2545**	ug/L
	Se	77	2	198	5	2.6	0.001406	**17.3608**	ug/L
>	Rh	103	157933	139521	715	0.5	139520.831997		ug/L
	Br	79	3	28	9	31.5	25.000044		ug/L
	Cl	35	227	247	19	7.6	20.000526		ug/L
	C	13	1127	1279	21	1.6	152.519865		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	88.342
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236012-03
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:11:01
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 146

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236012-03.152
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	144	3	2.1	0.000895	**0.3894**	ug/L
|	Se	78	6	30	3	9.4	0.000163	**0.6370**	ug/L
|	Se	77	2	15	1	5.0	0.000090	**1.1704**	ug/L
⌊>	Rh	103	157933	148046	1085	0.7	148045.771154		ug/L
	Br	79	3	84	3	3.4	81.667056		ug/L
	Cl	35	227	267	29	10.9	40.001109		ug/L
	C	13	1127	1336	55	4.1	209.194777		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	93.740
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236012-04
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:12:29
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 147

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236012-04.153
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	66	5	7.1	0.000384	**0.1719**	ug/L
|	Se	78	6	20	2	9.6	0.000100	**0.4095**	ug/L
|	Se	77	2	6	1	9.4	0.000031	**0.4356**	ug/L
⌊>	Rh	103	157933	144224	1301	0.9	144224.258899		ug/L
	Br	79	3	40	7	16.5	37.500089		ug/L
	Cl	35	227	230	24	10.4	3.333430		ug/L
	C	13	1127	1278	34	2.6	150.852989		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	91.320
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236012-05
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:13:57
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 148

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236012-05.154
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	22	1	5.2	0.000079	**0.0419**	ug/L
|	Se	78	6	20	2	11.6	0.000098	**0.4030**	ug/L
|	Se	77	2	5	1	20.1	0.000024	**0.3506**	ug/L
⌊>	Rh	103	157933	144125	737	0.5	144125.164637		ug/L
	Br	79	3	53	7	12.6	50.000153		ug/L
	Cl	35	227	258	22	8.6	30.834165		ug/L
	C	13	1127	1305	31	2.4	178.356889		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	91.257
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV9

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 18:15:27
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCV9.155
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	12	772	44	5.7	0.005015	**1.0726**	ug/L
│	Se	78	6	76	1	1.1	0.000463	**0.8583**	ug/L
│	Se	77	2	23	0	1.7	0.000137	**0.8748**	ug/L
└>	Rh	103	157933	151592	2541	1.7	151592.021202		ug/L
	Br	79	3	3	3	100.0	-0.000000		ug/L
	Cl	35	227	233	19	8.2	6.666841		ug/L
	C	13	1127	1383	52	3.7	256.701868		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	95.985
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB9

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 18:16:56
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCB9.156
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	4	2	43.3	-0.000050	**-0.0065**	ug/L
|	Se	78	6	2	1	29.4	-0.000029	**-0.0271**	ug/L
|	Se	77	2	1	1	78.1	-0.000008	**-0.0183**	ug/L
⌊>	Rh	103	157933	151296	733	0.5	151296.107514		ug/L
	Br	79	3	4	1	34.6	1.666667		ug/L
	Cl	35	227	233	23	10.0	6.666847		ug/L
	C	13	1127	1288	48	3.7	161.687895		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	95.798
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236012-06
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:18:26
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 149

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236012-06.157
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	66	16	23.8	0.000397	**0.1774**	ug/L
|	Se	78	6	22	1	5.3	0.000115	**0.4634**	ug/L
|	Se	77	2	8	0	4.6	0.000047	**0.6425**	ug/L
L>	Rh	103	157933	139835	2798	2.0	139835.033313		ug/L
	Br	79	3	509	31	6.1	506.680960		ug/L
	Cl	35	227	237	16	6.9	10.000257		ug/L
	C	13	1127	1310	67	5.1	183.357739		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	88.541
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121690-DUP5

Sample Description: 2x

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:19:54
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 150

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121690-DUP5.158
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	66	9	12.9	0.000403	**0.1801**	ug/L
|	Se	78	6	23	3	13.9	0.000129	**0.5163**	ug/L
|	Se	77	2	7	0	5.3	0.000040	**0.5491**	ug/L
L>	Rh	103	157933	137873	2352	1.7	137872.820358		ug/L
	Br	79	3	612	13	2.1	609.187250		ug/L
	Cl	35	227	281	18	6.3	54.168182		ug/L
	C	13	1127	1254	46	3.7	127.516444		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	87.298
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121690-MS5
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:21:22
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 151

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121690-MS5.159
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	7374	112	1.5	0.052611	**22.4275**	ug/L
|	Se	78	6	679	10	1.5	0.004811	**17.3626**	ug/L
|	Se	77	2	208	8	4.0	0.001472	**18.1804**	ug/L
⌊>	Rh	103	157933	139958	1089	0.8	139958.337779		ug/L
	Br	79	3	554	36	6.4	551.683604		ug/L
	Cl	35	227	267	10	3.8	40.001081		ug/L
	C	13	1127	1302	72	5.5	175.023232		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	88.619
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121690-MSD5

Sample Description: 2x

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:22:50
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 152

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121690-MSD5.160
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	7631	46	0.6	0.054900	**23.4030**	ug/L
|	Se	78	6	702	24	3.4	0.005019	**18.1121**	ug/L
|	Se	77	2	213	5	2.4	0.001519	**18.7591**	ug/L
L>	Rh	103	157933	138809	2005	1.4	138808.510687		ug/L
	Br	79	3	553	22	3.9	550.850190		ug/L
	Cl	35	227	278	33	11.9	50.834775		ug/L
	C	13	1127	1288	5	0.4	161.687811		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	87.891
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236012-07
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:24:18
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 153

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236012-07.161
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	1287	45	3.5	0.008768	**3.7446**	ug/L
|	Se	78	6	648	7	1.2	0.004407	**15.9103**	ug/L
|	Se	77	2	193	16	8.1	0.001313	**16.2194**	ug/L
L>	Rh	103	157933	145721	4039	2.8	145720.866269		ug/L
	Br	79	3	260	16	6.3	257.503727		ug/L
	Cl	35	227	246	19	7.9	19.167171		ug/L
	C	13	1127	1290	10	0.8	163.354717		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	92.268
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236012-08
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:25:46
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 154

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236012-08.162
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	751	32	4.2	0.005237	**2.2400**	ug/L
|	Se	78	6	612	24	4.0	0.004291	**15.4914**	ug/L
|	Se	77	2	183	2	1.2	0.001276	**15.7665**	ug/L
L>	Rh	103	157933	142289	11337	8.0	142288.658631		ug/L
	Br	79	3	267	12	4.6	264.170583		ug/L
	Cl	35	227	266	38	14.4	39.167773		ug/L
	C	13	1127	1276	22	1.8	149.186065		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	90.094
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236012-09
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:27:14
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 155

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236012-09.163
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	959	24	2.5	0.005946	**2.5420**	ug/L
|	Se	78	6	637	26	4.0	0.003963	**14.3110**	ug/L
|	Se	77	2	188	3	1.7	0.001170	**14.4555**	ug/L
⌊>	Rh	103	157933	159323	5468	3.4	159323.390337		ug/L
	Br	79	3	87	19	21.7	84.167092		ug/L
	Cl	35	227	278	34	12.4	51.668137		ug/L
	C	13	1127	1330	98	7.4	203.360829		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	100.880
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236012-10
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:28:42
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 156

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236012-10.164
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	884	34	3.8	0.005528	**2.3640**	ug/L
|	Se	78	6	629	11	1.7	0.003947	**14.2536**	ug/L
|	Se	77	2	189	3	1.4	0.001184	**14.6302**	ug/L
⌊>	Rh	103	157933	157830	922	0.6	157829.972858		ug/L
	Br	79	3	74	4	5.1	71.666969		ug/L
	Cl	35	227	322	20	6.3	95.002872		ug/L
	C	13	1127	1398	61	4.3	270.870739		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	99.935
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236012-11
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:30:10
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 157

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236012-11.165
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	225	6	2.7	0.002508	**1.0769**	ug/L
|	Se	78	6	264	10	3.7	0.002979	**10.7721**	ug/L
|	Se	77	2	162	9	5.6	0.001850	**22.8235**	ug/L
⌊>	Rh	103	157933	87282	2472	2.8	87282.219353		ug/L
	Br	79	3	23002	266	1.2	22999.900227		ug/L
	Cl	35	227	294	20	6.8	67.501941		ug/L
	C	13	1127	783	21	2.7	-344.203124		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	55.265
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1236012-12
Sample Description: 2x
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:31:38
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 2.5
Autosampler Position: 158

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1236012-12.166
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	193	36	18.6	0.002298	**0.9875**	ug/L
	Se	78	6	181	6	3.5	0.002181	**7.9010**	ug/L
	Se	77	2	121	3	2.3	0.001471	**18.1642**	ug/L
>	Rh	103	157933	81484	1135	1.4	81484.434798		ug/L
	Br	79	3	21814	529	2.4	21811.985123		ug/L
	Cl	35	227	308	43	13.9	81.669129		ug/L
	C	13	1127	763	33	4.3	-364.204801		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	51.594
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVA

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 18:33:09
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCVA.167
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	3503	47	1.3	0.026379	**5.6246**	ug/L
|	Se	78	6	310	8	2.6	0.002304	**4.1704**	ug/L
|	Se	77	2	93	4	4.4	0.000687	**4.2570**	ug/L
L>	Rh	103	157933	132402	1896	1.4	132402.329197		ug/L
	Br	79	3	375	88	23.6	372.508020		ug/L
	Cl	35	227	243	9	3.6	15.833737		ug/L
	C	13	1127	1236	64	5.2	109.180672		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	83.835
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBA

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 18:34:38
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCBA.168
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	5	4	78.1	-0.000034	**-0.0032**	ug/L
|	Se	78	6	3	1	19.3	-0.000013	**0.0010**	ug/L
|	Se	77	2	1	1	94.4	-0.000002	**0.0191**	ug/L
L>	Rh	103	157933	128725	4370	3.4	128724.799342		ug/L
	Br	79	3	110	23	20.8	107.500684		ug/L
	Cl	35	227	239	6	2.4	12.500314		ug/L
	C	13	1127	1242	8	0.6	115.014651		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	81.506
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1235020-01

Sample Description:

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:37:46
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 159

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1235020-01.169
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	747	20	2.7	0.005658	**1.2096**	ug/L
|	Se	78	6	7	1	12.5	0.000013	**0.0488**	ug/L
|	Se	77	2	3	1	31.1	0.000008	**0.0768**	ug/L
L>	Rh	103	157933	130414	2843	2.2	130414.058687		ug/L
	Br	79	3	111	17	15.0	108.334019		ug/L
	Cl	35	227	232	44	19.0	5.000189		ug/L
	C	13	1127	1260	70	5.6	133.350685		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	82.576
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1235020-02

Sample Description:

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:39:14
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 160

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1235020-02.170
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	705	39	5.6	0.005158	**1.1031**	ug/L
|	Se	78	6	8	2	24.0	0.000016	**0.0535**	ug/L
|	Se	77	2	2	0	11.1	0.000005	**0.0573**	ug/L
L>	Rh	103	157933	134741	1112	0.8	134741.234892		ug/L
	Br	79	3	120	9	7.5	117.500794		ug/L
	Cl	35	227	232	35	15.1	5.000163		ug/L
	C	13	1127	1328	39	2.9	200.860167		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	85.316
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121690-DUP7

Sample Description:

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:40:42
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 201

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121690-DUP6.171
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	685	23	3.4	0.004938	**1.0561**	ug/L
|	Se	78	6	7	1	22.4	0.000008	**0.0387**	ug/L
|	Se	77	2	2	0	18.3	0.000003	**0.0484**	ug/L
L>	Rh	103	157933	136710	684	0.5	136710.278885		ug/L
	Br	79	3	92	15	16.0	89.167136		ug/L
	Cl	35	227	266	43	16.0	39.167786		ug/L
	C	13	1127	1284	85	6.6	157.520816		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	86.562
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121690-MS6

Sample Description:

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:42:10
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 202

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121690-MS6.172
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	4	3	66.1	-0.000064	**-0.0094**	ug/L
	Se	78	6	2	1	30.3	-0.000035	**-0.0370**	ug/L
	Se	77	2	1	1	72.1	-0.000008	**-0.0215**	ug/L
>	Rh	103	157933	314990	25914	8.2	314989.974050		ug/L
	Br	79	3	34	13	37.5	31.666736		ug/L
	Cl	35	227	153	9	6.2	-73.334871		ug/L
	C	13	1127	3742	485	13.0	2614.874956		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	199.446
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121690-MS7

Sample Description:

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:47:23
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 202

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121690-MS7.173
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	678	18	2.7	0.004867	**1.0410**	ug/L
|	Se	78	6	716	15	2.1	0.005175	**9.3365**	ug/L
|	Se	77	2	213	8	3.9	0.001541	**9.5107**	ug/L
L>	Rh	103	157933	137236	720	0.5	137235.607267		ug/L
	Br	79	3	79	14	18.2	76.667018		ug/L
	Cl	35	227	251	26	10.2	24.167317		ug/L
	C	13	1127	1368	103	7.6	240.866433		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	86.895
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121690-MSD7

Sample Description:

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:48:51
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 203

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121690-MSD7.174
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	12	726	34	4.7	0.005129	**1.0968**	ug/L
│	Se	78	6	731	26	3.5	0.005199	**9.3802**	ug/L
│	Se	77	2	231	12	5.4	0.001645	**10.1522**	ug/L
└>	Rh	103	157933	139566	148	0.1	139565.661409		ug/L
	Br	79	3	83	9	10.5	80.000377		ug/L
	Cl	35	227	223	27	12.3	-3.333396		ug/L
	C	13	1127	1408	36	2.6	281.705658		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	88.370
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVB

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 18:50:21
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCVB.175
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	19388	458	2.4	0.135088	**28.7869**	ug/L
|	Se	78	6	1788	26	1.4	0.012429	**22.3900**	ug/L
|	Se	77	2	533	14	2.6	0.003707	**22.8403**	ug/L
L>	Rh	103	157933	143438	3003	2.1	143438.061767		ug/L
	Br	79	3	11	1	13.3	8.333339		ug/L
	Cl	35	227	253	34	13.6	26.667406		ug/L
	C	13	1127	1346	64	4.8	219.196293		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	90.822
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBB

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 18:51:51
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCBB.176
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	19	1	6.0	0.000060	**0.0169**	ug/L
|	Se	78	6	9	3	34.1	0.000022	**0.0648**	ug/L
|	Se	77	2	3	1	18.4	0.000008	**0.0769**	ug/L
L>	Rh	103	157933	142282	4055	2.9	142282.039984		ug/L
	Br	79	3	13	4	34.6	10.000009		ug/L
	Cl	35	227	265	57	21.6	38.334482		ug/L
	C	13	1127	1393	104	7.5	265.870234		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	90.090
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1235020-03
Sample Description:
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:56:12
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 204

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1235020-03.177
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	243	28	11.7	0.001738	**0.3745**	ug/L
|	Se	78	6	7	1	10.5	0.000010	**0.0438**	ug/L
|	Se	77	2	3	1	26.6	0.000012	**0.1040**	ug/L
L>	Rh	103	157933	134069	2392	1.8	134069.067148		ug/L
	Br	79	3	131	5	4.0	128.334275		ug/L
	Cl	35	227	228	20	8.9	1.666716		ug/L
	C	13	1127	1339	56	4.2	212.528606		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	84.890
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1235020-04
Sample Description:
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:57:40
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 205

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1235020-04.178
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	226	17	7.5	0.001590	**0.3429**	ug/L
	Se	78	6	6	0	6.9	0.000005	**0.0349**	ug/L
	Se	77	2	2	0	21.7	0.000003	**0.0452**	ug/L
>	Rh	103	157933	135866	786	0.6	135866.102817		ug/L
	Br	79	3	182	11	6.2	179.168486		ug/L
	Cl	35	227	246	6	2.6	19.167158		ug/L
	C	13	1127	1324	78	5.9	197.526518		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	86.028
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1235020-05

Sample Description:

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 18:59:08
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 206

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1235020-05.179
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	1103	32	2.9	0.007295	**1.5585**	ug/L
|	Se	78	6	17	3	19.6	0.000072	**0.1555**	ug/L
|	Se	77	2	6	1	9.9	0.000030	**0.2150**	ug/L
L>	Rh	103	157933	149634	780	0.5	149633.937037		ug/L
	Br	79	3	58	9	15.7	55.000184		ug/L
	Cl	35	227	261	4	1.5	34.167575		ug/L
	C	13	1127	1341	53	4.0	214.195506		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	94.745
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1235020-06
Sample Description:
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 19:00:36
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 207

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1235020-06.180
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	1031	5	0.5	0.006888	**1.4717**	ug/L
|	Se	78	6	16	3	17.0	0.000067	**0.1462**	ug/L
|	Se	77	2	5	1	19.0	0.000020	**0.1523**	ug/L
L>	Rh	103	157933	148097	3011	2.0	148096.875747		ug/L
	Br	79	3	60	23	37.5	57.500216		ug/L
	Cl	35	227	264	29	10.9	37.501035		ug/L
	C	13	1127	1388	53	3.8	260.869174		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	93.772
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1235020-07
Sample Description:
Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 19:02:04
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 208

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1235020-07.181
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	813	28	3.5	0.005896	**1.2602**	ug/L
|	Se	78	6	8	1	9.5	0.000016	**0.0544**	ug/L
|	Se	77	2	3	1	43.6	0.000006	**0.0677**	ug/L
L>	Rh	103	157933	136209	791	0.6	136208.672382		ug/L
	Br	79	3	64	14	21.5	61.666900		ug/L
	Cl	35	227	262	37	14.3	35.000984		ug/L
	C	13	1127	1264	58	4.6	137.517873		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	86.245
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1235020-08

Sample Description:

Batch ID: B121690

Sample Date/Time: Wednesday, September 19, 2012 19:03:32
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 209

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1235020-08.182
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	766	25	3.3	0.005391	**1.1528**	ug/L
	Se	78	6	8	1	16.9	0.000014	**0.0496**	ug/L
	Se	77	2	3	1	20.1	0.000006	**0.0680**	ug/L
>	Rh	103	157933	140168	433	0.3	140168.164512		ug/L
	Br	79	3	72	6	8.8	69.166950		ug/L
	Cl	35	227	243	5	2.1	16.667091		ug/L
	C	13	1127	1303	58	4.4	176.690072		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	88.752
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVC

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 19:05:04
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCVC.183
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	4022	56	1.4	0.027009	**5.7588**	ug/L
|	Se	78	6	354	10	2.9	0.002340	**4.2362**	ug/L
|	Se	77	2	109	6	5.4	0.000720	**4.4619**	ug/L
L>	Rh	103	157933	148531	2551	1.7	148531.285690		ug/L
	Br	79	3	6	4	65.5	3.333335		ug/L
	Cl	35	227	240	3	1.0	13.333668		ug/L
	C	13	1127	1353	3	0.2	225.863798		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	94.047
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBC

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 19:06:33
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCBC.184
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	7	4	62.3	-0.000028	**-0.0018**	ug/L
	Se	78	6	3	1	42.5	-0.000022	**-0.0148**	ug/L
	Se	77	2	1	0	21.7	-0.000008	**-0.0171**	ug/L
>	Rh	103	157933	144883	1142	0.8	144882.928096		ug/L
	Br	79	3	8	5	66.7	5.000003		ug/L
	Cl	35	227	267	64	24.1	40.001229		ug/L
	C	13	1127	1356	79	5.9	229.197859		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	91.737
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1237001-01
Sample Description: 50x
Batch ID: B121691

Sample Date/Time: Wednesday, September 19, 2012 19:08:38
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 210

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1237001-01.185
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	12	29	9	31.7	0.000126	**1.5427**	ug/L
│	Se	78	6	234	9	3.8	0.001562	**141.7576**	ug/L
│	Se	77	2	72	2	2.2	0.000483	**150.2172**	ug/L
└>	Rh	103	157933	145993	2164	1.5	145993.098941		ug/L
	Br	79	3	2354	163	6.9	2351.972499		ug/L
	Cl	35	227	297	30	10.2	70.002040		ug/L
	C	13	1127	1245	13	1.0	118.348444		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	92.440
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121691-DUP1

Sample Description: 50x

Batch ID: B121691

Sample Date/Time: Wednesday, September 19, 2012 19:10:06
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 211

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121691-DUP1.186
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	28	6	21.8	0.000105	**1.3267**	ug/L
	Se	78	6	257	5	1.9	0.001643	**149.1069**	ug/L
	Se	77	2	75	8	10.5	0.000479	**148.9478**	ug/L
>	Rh	103	157933	152555	913	0.6	152555.232870		ug/L
	Br	79	3	2477	35	1.4	2474.504120		ug/L
	Cl	35	227	308	28	8.9	80.835728		ug/L
	C	13	1127	1313	6	0.4	186.691389		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	96.595
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121691-MS1

Sample Description: 50x

Batch ID: B121691

Sample Date/Time: Wednesday, September 19, 2012 19:11:35
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 212

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121691-MS1.187
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	27	3	11.8	0.000102	**1.2952**	ug/L
|	Se	78	6	647	4	0.7	0.004183	**377.6224**	ug/L
|	Se	77	2	193	3	1.3	0.001249	**385.7232**	ug/L
⌊>	Rh	103	157933	153265	718	0.5	153264.502651		ug/L
	Br	79	3	2408	127	5.3	2405.319415		ug/L
	Cl	35	227	326	9	2.7	99.169675		ug/L
	C	13	1127	1289	39	3.0	162.521317		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	97.044
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121691-MSD1

Sample Description: 50x
Batch ID: B121691

Sample Date/Time: Wednesday, September 19, 2012 19:13:03
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 213

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121691-MSD1.188
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	30	7	23.8	0.000124	**1.5252**	ug/L
	Se	78	6	632	17	2.7	0.004119	**371.7977**	ug/L
	Se	77	2	189	5	2.7	0.001234	**381.0576**	ug/L
>	Rh	103	157933	151928	2502	1.6	151928.393276		ug/L
	Br	79	3	2428	48	2.0	2425.324230		ug/L
	Cl	35	227	346	16	4.6	119.170421		ug/L
	C	13	1127	1293	106	8.2	165.855484		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	96.198
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1237001-02
Sample Description: 50x
Batch ID: B121691

Sample Date/Time: Wednesday, September 19, 2012 19:14:31
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 214

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1237001-02.189
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	29	4	13.8	0.000125	**1.5365**	ug/L
|	Se	78	6	256	5	2.1	0.001718	**155.8531**	ug/L
|	Se	77	2	77	3	4.5	0.000516	**160.1178**	ug/L
L>	Rh	103	157933	145902	8367	5.7	145902.331808		ug/L
	Br	79	3	2678	118	4.4	2675.394865		ug/L
	Cl	35	227	358	14	4.0	131.670903		ug/L
	C	13	1127	1191	67	5.6	64.174677		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	92.383
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1237001-03
Sample Description: 50x
Batch ID: B121691

Sample Date/Time: Wednesday, September 19, 2012 19:15:59
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 215

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1237001-03.190
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	29	1	3.9	0.000117	**1.4547**	ug/L
|	Se	78	6	267	15	5.5	0.001718	**155.8353**	ug/L
|	Se	77	2	79	2	2.9	0.000511	**158.8068**	ug/L
⌊>	Rh	103	157933	151727	682	0.4	151726.523021		ug/L
	Br	79	3	2576	92	3.6	2573.698615		ug/L
	Cl	35	227	336	55	16.4	109.170147		ug/L
	C	13	1127	1224	103	8.4	97.512664		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	96.070
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1237001-04
Sample Description: 50x
Batch ID: B121691

Sample Date/Time: Wednesday, September 19, 2012 19:17:27
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 216

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1237001-04.191
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	34	2	4.4	0.000150	**1.8071**	ug/L
	Se	78	6	256	6	2.4	0.001648	**149.4906**	ug/L
	Se	77	2	72	2	3.3	0.000465	**144.5564**	ug/L
>	Rh	103	157933	151626	1317	0.9	151625.741035		ug/L
	Br	79	3	2512	125	5.0	2509.514255		ug/L
	Cl	35	227	327	30	9.2	100.003069		ug/L
	C	13	1127	1257	88	7.0	130.016997		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	96.006
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1237001-05
Sample Description: 50x
Batch ID: B121691

Sample Date/Time: Wednesday, September 19, 2012 19:18:55
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 217

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1237001-05.192
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	59	11	18.1	0.000317	**3.5831**	ug/L
|	Se	78	6	448	10	2.3	0.002959	**267.4935**	ug/L
|	Se	77	2	135	4	2.8	0.000893	**276.1118**	ug/L
L>	Rh	103	157933	149332	837	0.6	149332.375526		ug/L
	Br	79	3	2542	9	0.4	2539.522023		ug/L
	Cl	35	227	319	14	4.3	92.502776		ug/L
	C	13	1127	1253	86	6.9	125.849740		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	94.554
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVD

Sample Description:

Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 19:20:25
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCVD.193
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	12	20991	287	1.4	0.134605	**28.6839**	ug/L
│	Se	78	6	1868	23	1.3	0.011946	**21.5194**	ug/L
│	Se	77	2	567	16	2.8	0.003624	**22.3348**	ug/L
└>	Rh	103	157933	155896	4244	2.7	155895.975541		ug/L
	Br	79	3	18	4	24.7	15.000017		ug/L
	Cl	35	227	308	30	9.9	80.835734		ug/L
	C	13	1127	1370	28	2.1	243.366448		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	98.710
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBD

Sample Description:

Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 19:21:55
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCBD.194
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	16	3	21.7	0.000029	**0.0103**	ug/L
|	Se	78	6	8	2	20.6	0.000011	**0.0457**	ug/L
|	Se	77	2	3	1	21.6	0.000007	**0.0727**	ug/L
L>	Rh	103	157933	151787	3973	2.6	151787.238485		ug/L
	Br	79	3	13	9	69.3	10.000011		ug/L
	Cl	35	227	272	23	8.3	45.001244		ug/L
	C	13	1127	1378	94	6.8	251.701333		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	96.109
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121713-BLK1

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 19:30:50
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 218

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121713-BLK1.195
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	7	2	22.9	-0.000029	**-0.1004**	ug/L
|	Se	78	6	3	1	25.5	-0.000021	**-0.5876**	ug/L
|	Se	77	2	1	1	120.2	-0.000007	**-0.6417**	ug/L
⌊>	Rh	103	157933	140933	1344	1.0	140933.248730		ug/L
	Br	79	3	29	5	17.8	26.666714		ug/L
	Cl	35	227	301	21	7.0	74.168827		ug/L
	C	13	1127	1267	61	4.8	140.018235		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	89.236
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121713-BLK2

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 19:32:19
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 219

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121713-BLK2.196
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	2	1	49.5	-0.000059	**-0.4263**	ug/L
|	Se	78	6	2	1	67.0	-0.000028	**-1.2674**	ug/L
|	Se	77	2	1	0	65.5	-0.000008	**-0.9925**	ug/L
⌊>	Rh	103	157933	140560	3682	2.6	140560.464522		ug/L
	Br	79	3	69	12	17.1	66.666934		ug/L
	Cl	35	227	332	34	10.2	105.003259		ug/L
	C	13	1127	1251	65	5.2	124.182728		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	89.000
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121713-BLK3

Sample Description: 50x

Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 19:33:47
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 220

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121713-BLK3.197
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	3	3	75.5	-0.000052	**-0.3459**	ug/L
|	Se	78	6	2	0	24.3	-0.000028	**-1.2317**	ug/L
|	Se	77	2	0	1	173.2	-0.000010	**-1.5086**	ug/L
⌊>	Rh	103	157933	135789	3021	2.2	135789.441968		ug/L
	Br	79	3	35	3	7.1	32.500067		ug/L
	Cl	35	227	339	51	15.1	112.503589		ug/L
	C	13	1127	1239	39	3.1	112.514363		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	85.979
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121713-BLK4

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 19:35:16
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 221

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121713-BLK4.198
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	2	1	69.3	-0.000064	**-0.4754**	ug/L
|	Se	78	6	2	1	26.3	-0.000022	**-0.7527**	ug/L
|	Se	77	2	1	0	50.0	-0.000009	**-1.1601**	ug/L
⌊>	Rh	103	157933	137713	2204	1.6	137712.899515		ug/L
	Br	79	3	24	15	62.4	21.666707		ug/L
	Cl	35	227	308	10	3.3	81.669066		ug/L
	C	13	1127	1222	114	9.3	95.012414		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	87.197
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121713-BS1
Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 19:36:44
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 222

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121713-BS1.199
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	2004	15	0.8	0.014247	**151.9833**	ug/L
|	Se	78	6	148	5	3.5	0.001015	**92.5385**	ug/L
|	Se	77	2	45	3	5.8	0.000308	**96.1214**	ug/L
L>	Rh	103	157933	139930	633	0.5	139929.538066		ug/L
	Br	79	3	15	8	50.0	12.500014		ug/L
	Cl	35	227	314	16	5.2	87.502605		ug/L
	C	13	1127	1290	44	3.4	163.354783		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	88.601
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121713-SRM1

Sample Description: 50x

Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 19:38:13
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 223

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121713-SRM1.200
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	764	14	1.9	0.005312	**56.7902**	ug/L
|	Se	78	6	18	1	5.8	0.000084	**8.8274**	ug/L
|	Se	77	2	8	1	15.7	0.000043	**14.7123**	ug/L
⌊>	Rh	103	157933	141831	1122	0.8	141831.199575		ug/L
	Br	79	3	21	1	6.9	18.333357		ug/L
	Cl	35	227	298	5	1.7	70.835368		ug/L
	C	13	1127	1269	29	2.3	142.518478		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	89.805
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121713-SRM2

Sample Description: 50x

Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 19:39:41
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 224

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121713-SRM2.201
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	12	132108	3046	2.3	0.940063	**10015.0050**	ug/L
│	Se	78	6	11	2	16.0	0.000038	**4.6541**	ug/L
│	Se	77	2	6	3	40.6	0.000031	**11.1292**	ug/L
└>	Rh	103	157933	140544	4253	3.0	140543.704206		ug/L
	Br	79	3	37	8	21.9	34.166742		ug/L
	Cl	35	227	316	25	8.0	89.169343		ug/L
	C	13	1127	1115	49	4.4	-11.668351		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	88.990
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVE

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 19:41:12
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCVE.202
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	17646	241	1.4	0.132960	**28.3334**	ug/L
|	Se	78	6	1571	31	2.0	0.011803	**21.2636**	ug/L
|	Se	77	2	478	13	2.8	0.003593	**22.1400**	ug/L
L>	Rh	103	157933	132707	4487	3.4	132707.321447		ug/L
	Br	79	3	3	1	43.3	0.833333		ug/L
	Cl	35	227	263	5	1.9	35.834290		ug/L
	C	13	1127	1221	117	9.6	94.178998		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	84.028
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBE

Sample Description:

Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 19:42:41
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCBE.203
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	82	37	45.6	0.000548	**0.1209**	ug/L
|	Se	78	6	9	0	1.6	0.000025	**0.0704**	ug/L
|	Se	77	2	2	1	22.3	0.000006	**0.0637**	ug/L
⌊>	Rh	103	157933	131796	2405	1.8	131796.195125		ug/L
	Br	79	3	7	1	21.7	4.166669		ug/L
	Cl	35	227	248	20	8.1	21.667240		ug/L
	C	13	1127	1192	35	3.0	65.008003		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	83.451
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-08RE1

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 19:44:12
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 225

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1233048-08RE1.204
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	1012	12	1.2	0.007548	**80.6124**	ug/L
|	Se	78	6	18	0	0.2	0.000094	**9.6996**	ug/L
|	Se	77	2	8	2	22.1	0.000051	**17.0888**	ug/L
L>	Rh	103	157933	132737	1928	1.5	132737.163570		ug/L
	Br	79	3	15	5	33.3	12.500013		ug/L
	Cl	35	227	301	22	7.2	74.168828		ug/L
	C	13	1127	1156	58	5.0	29.170119		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	84.047
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121713-DUP1

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 19:45:40
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 226

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121713-DUP1.205
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	1095	47	4.3	0.007818	**83.4944**	ug/L
|	Se	78	6	17	1	7.9	0.000081	**8.5170**	ug/L
|	Se	77	2	10	0	4.4	0.000058	**19.3689**	ug/L
⌊>	Rh	103	157933	138671	1060	0.8	138671.337203		ug/L
	Br	79	3	26	21	81.2	23.333386		ug/L
	Cl	35	227	302	42	13.9	75.002236		ug/L
	C	13	1127	1195	87	7.2	68.342002		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	87.804
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121713-MS1

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 19:47:09
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 227

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121713-MS1.206
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	3042	60	2.0	0.021616	**230.4871**	ug/L
|	Se	78	6	155	2	1.2	0.001067	**97.2396**	ug/L
|	Se	77	2	53	2	4.1	0.000362	**112.9230**	ug/L
⌊>	Rh	103	157933	140225	1017	0.7	140224.893032		ug/L
	Br	79	3	27	8	30.1	24.166708		ug/L
	Cl	35	227	322	28	8.7	95.002886		ug/L
	C	13	1127	1159	95	8.2	32.504082		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	88.788
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121713-MSD1

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 19:48:37
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 228

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121713-MSD1.207
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	12	2907	65	2.2	0.020806	**221.8548**	ug/L
│	Se	78	6	148	6	3.9	0.001026	**93.5543**	ug/L
│	Se	77	2	44	4	8.5	0.000302	**94.2664**	ug/L
└>	Rh	103	157933	139209	509	0.4	139209.436897		ug/L
	Br	79	3	21	3	13.9	18.333357		ug/L
	Cl	35	227	316	29	9.1	89.169350		ug/L
	C	13	1127	1158	34	2.9	30.836917		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	88.145
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-09RE1

Sample Description: 50x

Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 19:50:06
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 229

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1233048-09RE1.208
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	741	18	2.4	0.005220	**55.8103**	ug/L
	Se	78	6	22	1	4.6	0.000116	**11.7319**	ug/L
	Se	77	2	11	2	19.4	0.000068	**22.4659**	ug/L
>	Rh	103	157933	139929	796	0.6	139928.700334		ug/L
	Br	79	3	29	7	24.7	26.666715		ug/L
	Cl	35	227	297	30	10.1	70.002040		ug/L
	C	13	1127	1188	58	4.9	60.840869		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	88.600
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-10RE1

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 19:51:34
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 230

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1233048-10RE1.209
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	857	22	2.5	0.005993	**64.0471**	ug/L
	Se	78	6	13	4	27.4	0.000053	**6.0405**	ug/L
	Se	77	2	8	2	29.8	0.000045	**15.1678**	ug/L
>	Rh	103	157933	141183	750	0.5	141182.866037		ug/L
	Br	79	3	15	9	60.1	12.500015		ug/L
	Cl	35	227	328	10	3.2	101.669766		ug/L
	C	13	1127	1166	19	1.6	39.171286		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	89.394
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-11RE1

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 19:53:03
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 231

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1233048-11RE1.210
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	12	891	24	2.6	0.006271	**67.0075**	ug/L
│	Se	78	6	15	2	11.9	0.000066	**7.2091**	ug/L
│	Se	77	2	11	1	8.6	0.000063	**20.7536**	ug/L
└>	Rh	103	157933	140382	1361	1.0	140382.324225		ug/L
	Br	79	3	23	4	19.2	20.000028		ug/L
	Cl	35	227	273	33	12.1	46.667982		ug/L
	C	13	1127	1201	43	3.5	74.175896		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	88.887
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-12RE1

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 19:54:31
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 232

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1233048-12RE1.211
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	740	15	2.1	0.005321	**56.8878**	ug/L
|	Se	78	6	22	2	7.4	0.000122	**12.2309**	ug/L
|	Se	77	2	11	2	17.2	0.000068	**22.4312**	ug/L
L>	Rh	103	157933	137143	1263	0.9	137142.591225		ug/L
	Br	79	3	33	19	58.3	30.833408		ug/L
	Cl	35	227	309	17	5.4	82.502434		ug/L
	C	13	1127	1153	78	6.7	26.669900		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	86.836
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-13RE1

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 19:56:00
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 233

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1233048-13RE1.212
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	851	25	2.9	0.006100	**65.1896**	ug/L
|	Se	78	6	14	2	13.1	0.000058	**6.5171**	ug/L
|	Se	77	2	9	2	17.4	0.000056	**18.5412**	ug/L
⌊>	Rh	103	157933	137895	2485	1.8	137894.840216		ug/L
	Br	79	3	28	16	56.8	25.000050		ug/L
	Cl	35	227	318	26	8.1	91.669431		ug/L
	C	13	1127	1164	68	5.9	37.504564		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	87.312
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-14RE1

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 19:57:28
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 234

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1233048-14RE1.213
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	782	11	1.4	0.005541	**59.2312**	ug/L
	Se	78	6	14	0	3.1	0.000062	**6.8618**	ug/L
	Se	77	2	8	1	6.4	0.000046	**15.6015**	ug/L
>	Rh	103	157933	139191	1112	0.8	139190.857358		ug/L
	Br	79	3	19	4	19.9	16.666687		ug/L
	Cl	35	227	319	50	15.7	92.502861		ug/L
	C	13	1127	1150	25	2.1	23.335945		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	88.133
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVF

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 19:58:59
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCVF.214
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	18254	319	1.7	0.134458	**28.6525**	ug/L
|	Se	78	6	1637	25	1.5	0.012025	**21.6633**	ug/L
|	Se	77	2	485	14	2.9	0.003565	**21.9671**	ug/L
L>	Rh	103	157933	135685	1554	1.1	135685.161463		ug/L
	Br	79	3	8	4	45.8	5.833337		ug/L
	Cl	35	227	268	13	4.7	40.834441		ug/L
	C	13	1127	1196	88	7.4	69.175455		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	85.913
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBF

Sample Description:

Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 20:00:29
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCBF.215
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	22	3	14.1	0.000079	**0.0209**	ug/L
|	Se	78	6	10	4	38.4	0.000030	**0.0788**	ug/L
|	Se	77	2	2	1	48.3	0.000005	**0.0570**	ug/L
L>	Rh	103	157933	139976	1818	1.3	139976.185359		ug/L
	Br	79	3	3	4	114.6	0.833334		ug/L
	Cl	35	227	237	31	13.1	10.000282		ug/L
	C	13	1127	1153	43	3.8	25.836309		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	88.630
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-15RE1

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 20:02:01
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 235

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1233048-15RE1.216
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	830	34	4.1	0.005837	**62.3875**	ug/L
|	Se	78	6	21	2	9.5	0.000107	**10.8752**	ug/L
|	Se	77	2	11	1	11.9	0.000063	**20.7609**	ug/L
⌊>	Rh	103	157933	140356	2054	1.5	140356.176509		ug/L
	Br	79	3	22	6	29.0	19.166693		ug/L
	Cl	35	227	293	13	4.3	65.835211		ug/L
	C	13	1127	1183	102	8.6	55.840473		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	88.871
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-16RE1

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 20:03:29
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 236

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1233048-16RE1.217
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	985	20	2.1	0.007015	**74.9430**	ug/L
|	Se	78	6	18	1	6.4	0.000092	**9.5828**	ug/L
|	Se	77	2	10	2	17.0	0.000057	**18.9126**	ug/L
⌊>	Rh	103	157933	139214	7352	5.3	139213.933147		ug/L
	Br	79	3	17	6	37.7	14.166683		ug/L
	Cl	35	227	303	17	5.5	76.668904		ug/L
	C	13	1127	1213	62	5.1	85.844184		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	88.148
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-17RE1

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 20:04:58
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 237

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1233048-17RE1.218
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	577	24	4.2	0.004023	**43.0670**	ug/L
	Se	78	6	15	1	9.0	0.000064	**6.9973**	ug/L
	Se	77	2	7	3	41.4	0.000039	**13.5792**	ug/L
>	Rh	103	157933	140840	2561	1.8	140840.328771		ug/L
	Br	79	3	15	4	28.9	12.500012		ug/L
	Cl	35	227	314	41	13.1	87.502657		ug/L
	C	13	1127	1168	17	1.4	41.671605		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	89.177
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-18RE1

Sample Description: 50x

Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 20:06:26
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 238

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1233048-18RE1.219
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	989	43	4.3	0.007028	**75.0749**	ug/L
|	Se	78	6	19	4	21.7	0.000094	**9.7122**	ug/L
|	Se	77	2	10	1	8.1	0.000059	**19.6527**	ug/L
⌊>	Rh	103	157933	139167	2060	1.5	139167.274850		ug/L
	Br	79	3	14	5	36.7	11.666678		ug/L
	Cl	35	227	312	30	9.6	85.002542		ug/L
	C	13	1127	1168	38	3.2	40.838206		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	88.118
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121713-DUP2

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 20:07:55
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 239

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121713-DUP2.220
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	1041	42	4.0	0.007471	**79.7928**	ug/L
|	Se	78	6	21	3	15.7	0.000111	**11.2114**	ug/L
|	Se	77	2	12	2	17.7	0.000076	**24.8686**	ug/L
⌊>	Rh	103	157933	137998	1026	0.7	137997.869087		ug/L
	Br	79	3	13	4	28.6	10.833343		ug/L
	Cl	35	227	312	6	2.0	85.002510		ug/L
	C	13	1127	1097	115	10.4	-30.003520		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	87.378
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121713-MS2

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 20:09:23
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 240

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121713-MS2.221
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	2945	92	3.1	0.021375	**227.9226**	ug/L
	Se	78	6	160	6	3.8	0.001127	**102.6177**	ug/L
	Se	77	2	53	2	3.4	0.000371	**115.5693**	ug/L
>	Rh	103	157933	137317	1405	1.0	137316.872785		ug/L
	Br	79	3	16	3	18.2	13.333347		ug/L
	Cl	35	227	310	27	8.7	83.335812		ug/L
	C	13	1127	1168	42	3.6	41.671659		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	86.946
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121713-MSD2

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 20:10:51
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 241

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121713-MSD2.222
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	2960	66	2.2	0.021221	**226.2842**	ug/L
|	Se	78	6	153	4	2.5	0.001057	**96.3891**	ug/L
|	Se	77	2	52	4	7.9	0.000364	**113.4461**	ug/L
⌊>	Rh	103	157933	138996	967	0.7	138996.235942		ug/L
	Br	79	3	8	4	57.7	5.000003		ug/L
	Cl	35	227	296	28	9.5	69.168675		ug/L
	C	13	1127	1159	34	3.0	32.503798		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	88.010
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-19RE1

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 20:12:20
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 242

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1233048-19RE1.223
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	718	12	1.6	0.005003	**53.5086**	ug/L
|	Se	78	6	17	0	0.9	0.000076	**8.1418**	ug/L
|	Se	77	2	7	1	8.5	0.000040	**13.8742**	ug/L
⌊>	Rh	103	157933	141379	1266	0.9	141379.253450		ug/L
	Br	79	3	11	1	13.3	8.333339		ug/L
	Cl	35	227	307	38	12.3	80.002391		ug/L
	C	13	1127	1161	56	4.9	34.170750		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	89.519
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-20RE1

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 20:13:48
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 243

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1233048-20RE1.224
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	738	4	0.6	0.005191	**55.5061**	ug/L
|	Se	78	6	16	1	3.7	0.000073	**7.8492**	ug/L
|	Se	77	2	9	2	23.1	0.000050	**16.7572**	ug/L
L>	Rh	103	157933	140123	322	0.2	140123.311318		ug/L
	Br	79	3	14	4	27.0	11.666678		ug/L
	Cl	35	227	314	20	6.4	87.502610		ug/L
	C	13	1127	1198	30	2.5	70.842090		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	88.723
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-21RE1

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 20:15:17
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 244

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1233048-21RE1.225
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	660	31	4.7	0.004643	**49.6712**	ug/L
	Se	78	6	12	1	4.5	0.000042	**5.0496**	ug/L
	Se	77	2	7	2	27.9	0.000038	**13.1126**	ug/L
>	Rh	103	157933	139950	751	0.5	139949.853080		ug/L
	Br	79	3	13	3	20.0	10.000008		ug/L
	Cl	35	227	318	14	4.5	91.669414		ug/L
	C	13	1127	1220	35	2.8	93.345093		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	88.614
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVG

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 20:16:48
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCVG.226
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	18528	271	1.5	0.133152	**28.3744**	ug/L
|	Se	78	6	1648	45	2.7	0.011808	**21.2714**	ug/L
|	Se	77	2	502	12	2.3	0.003595	**22.1540**	ug/L
L>	Rh	103	157933	139067	1234	0.9	139067.331912		ug/L
	Br	79	3	2	1	86.6	-0.833334		ug/L
	Cl	35	227	228	15	6.4	1.666708		ug/L
	C	13	1127	1157	65	5.7	30.003593		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	88.055
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBG

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 20:18:18
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCBG.227
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	22	8	34.8	0.000085	**0.0222**	ug/L
|	Se	78	6	8	1	9.2	0.000019	**0.0592**	ug/L
|	Se	77	2	3	1	30.0	0.000009	**0.0877**	ug/L
⌊>	Rh	103	157933	138684	2101	1.5	138684.148250		ug/L
	Br	79	3	3	3	100.0	-0.000000		ug/L
	Cl	35	227	269	18	6.8	42.501164		ug/L
	C	13	1127	1148	54	4.7	20.835715		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	87.812
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-22RE1

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 20:19:49
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 245

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1233048-22RE1.228
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	808	19	2.3	0.005813	**62.1366**	ug/L
|	Se	78	6	19	3	14.0	0.000096	**9.8658**	ug/L
|	Se	77	2	10	2	22.2	0.000061	**20.1571**	ug/L
⌊>	Rh	103	157933	137214	717	0.5	137213.612142		ug/L
	Br	79	3	14	5	36.7	11.666678		ug/L
	Cl	35	227	325	13	4.0	98.336315		ug/L
	C	13	1127	1121	43	3.8	-5.834319		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	86.881
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-23RE1

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 20:21:17
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 246

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1233048-23RE1.229
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	481	11	2.3	0.003321	**35.5819**	ug/L
|	Se	78	6	13	2	15.2	0.000048	**5.5638**	ug/L
|	Se	77	2	5	1	19.5	0.000026	**9.3236**	ug/L
L>	Rh	103	157933	141515	210	0.1	141514.612742		ug/L
	Br	79	3	12	9	81.1	9.166677		ug/L
	Cl	35	227	278	29	10.3	51.668124		ug/L
	C	13	1127	1198	35	3.0	70.842103		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	89.604
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-24RE1

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 20:22:46
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 247

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1233048-24RE1.230
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	560	16	2.8	0.003818	**40.8746**	ug/L
|	Se	78	6	16	1	8.1	0.000070	**7.5572**	ug/L
|	Se	77	2	8	1	9.8	0.000045	**15.2122**	ug/L
L>	Rh	103	157933	143820	1330	0.9	143819.592729		ug/L
	Br	79	3	14	6	44.4	11.666679		ug/L
	Cl	35	227	287	21	7.4	60.001703		ug/L
	C	13	1127	1200	31	2.6	73.342422		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	91.064
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-25RE1

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 20:24:14
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 248

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1233048-25RE1.231
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	548	21	3.7	0.003766	**40.3207**	ug/L
|	Se	78	6	12	2	16.3	0.000046	**5.3839**	ug/L
|	Se	77	2	7	1	11.6	0.000036	**12.6372**	ug/L
⌊>	Rh	103	157933	142777	1176	0.8	142776.665149		ug/L
	Br	79	3	16	6	39.7	13.333348		ug/L
	Cl	35	227	303	11	3.6	75.835537		ug/L
	C	13	1127	1159	13	1.1	32.503760		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	90.403
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-26RE1

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 20:25:43
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 249

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1233048-26RE1.232
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	12	1422	37	2.6	0.009927	**105.9564**	ug/L
	Se	78	6	14	1	7.8	0.000059	**6.5908**	ug/L
	Se	77	2	8	2	26.5	0.000041	**13.9897**	ug/L
>	Rh	103	157933	142148	1445	1.0	142147.783302		ug/L
	Br	79	3	13	3	21.7	10.833343		ug/L
	Cl	35	227	316	12	3.9	89.169325		ug/L
	C	13	1127	1158	60	5.2	31.670447		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	90.005
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233038-13RE1

Sample Description: 50x

Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 20:27:11
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 250

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1233038-13RE1.233
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	1867	36	1.9	0.013410	**143.0627**	ug/L
|	Se	78	6	11	3	26.9	0.000041	**4.9210**	ug/L
|	Se	77	2	6	1	17.6	0.000034	**11.9942**	ug/L
L>	Rh	103	157933	138435	632	0.5	138435.253834		ug/L
	Br	79	3	18	4	24.7	15.000017		ug/L
	Cl	35	227	307	30	9.8	80.002372		ug/L
	C	13	1127	1203	39	3.2	76.676216		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	87.655
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121713-DUP3

Sample Description: 50x

Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 20:28:40
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 251

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121713-DUP3.234
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	1841	10	0.6	0.013394	**142.8961**	ug/L
|	Se	78	6	11	1	9.3	0.000037	**4.6337**	ug/L
|	Se	77	2	6	1	8.8	0.000031	**11.0483**	ug/L
L>	Rh	103	157933	136687	133	0.1	136687.422887		ug/L
	Br	79	3	18	4	24.7	15.000017		ug/L
	Cl	35	227	309	34	11.0	82.502466		ug/L
	C	13	1127	1251	74	6.0	124.182776		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	86.548
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121713-MS3

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 20:30:08
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 252

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121713-MS3.235
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	12	3261	46	1.4	0.023450	**250.0246**	ug/L
│	Se	78	6	145	2	1.5	0.001003	**91.5166**	ug/L
│	Se	77	2	48	6	12.1	0.000332	**103.5443**	ug/L
└>	Rh	103	157933	138621	324	0.2	138621.380731		ug/L
	Br	79	3	11	5	48.0	8.333340		ug/L
	Cl	35	227	293	8	2.7	66.668568		ug/L
	C	13	1127	1114	75	6.7	-12.501667		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	87.772
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121713-MSD3

Sample Description: 50x
Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 20:31:37
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 253

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\B121713-MSD3.236
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	12	3330	93	2.8	0.024075	**256.6835**	ug/L
│	Se	78	6	150	1	0.5	0.001047	**95.4921**	ug/L
│	Se	77	2	47	5	10.1	0.000329	**102.8182**	ug/L
└>	Rh	103	157933	137890	511	0.4	137890.394924		ug/L
	Br	79	3	14	3	20.4	11.666677		ug/L
	Cl	35	227	298	9	3.2	71.668732		ug/L
	C	13	1127	1156	38	3.2	29.170048		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	87.310
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233038-14RE1

Sample Description: 50x

Batch ID: B121713

Sample Date/Time: Wednesday, September 19, 2012 20:33:05
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 254

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\1233038-14RE1.237
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	1823	63	3.5	0.013552	**144.5834**	ug/L
|	Se	78	6	10	1	5.3	0.000031	**4.0791**	ug/L
|	Se	77	2	6	1	22.1	0.000030	**10.5787**	ug/L
⌊>	Rh	103	157933	133724	588	0.4	133723.845344		ug/L
	Br	79	3	15	8	50.0	12.500014		ug/L
	Cl	35	227	304	13	4.2	77.502261		ug/L
	C	13	1127	1179	37	3.2	52.506378		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	84.671
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVH

Sample Description:

Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 20:34:36
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCVH.238
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	12	17426	215	1.2	0.132365	**28.2066**	ug/L
|	Se	78	6	1564	48	3.1	0.011846	**21.3397**	ug/L
|	Se	77	2	475	4	0.8	0.003596	**22.1586**	ug/L
L>	Rh	103	157933	131594	2965	2.3	131594.242457		ug/L
	Br	79	3	6	3	49.5	3.333335		ug/L
	Cl	35	227	239	26	10.7	12.500336		ug/L
	C	13	1127	1250	35	2.8	123.349168		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	83.323
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBH

Sample Description:
Batch ID:

Sample Date/Time: Wednesday, September 19, 2012 20:36:06
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\Tamas\background stability testing.sam
Method File: C:\Elandata\Method\2012\9-12\1200726-0062ICPMS2-MEL-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-CCBH.239
Calibration File: C:\Elandata\System\2012\9-12\1200726.cal
Blank File: C:\Elandata\DataSet\Data\2012\9-12\1200726\SEQ-ICB1.065

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	12	22	6	28.4	0.000091	**0.0234**	ug/L
│	Se	78	6	9	1	15.5	0.000027	**0.0747**	ug/L
│	Se	77	2	2	1	22.2	0.000005	**0.0590**	ug/L
└>	Rh	103	157933	132254	2477	1.9	132253.612433		ug/L
	Br	79	3	8	4	57.7	5.000003		ug/L
	Cl	35	227	247	18	7.1	20.000524		ug/L
	C	13	1127	1213	43	3.5	86.677556		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	83.740
	Br	79	
	Cl	35	
	C	13	

Batch:	B121637, 1638		**Analyte:**	%TS	**Date:**	9/10/12		**MDL:**	0.06
Analyst:	CCE		**Matrix:**	seds				**MRL:**	0.20
NOTE:	***To simplify and ensure correct upload of data to the LIMS, always order your samples in this spreadsheet from lowest WO/sample ID # to highest WO/sample ID #, BLKs, and finally DUPs.***								

BRL Report 1233038

Work Order #	Dish ID	Tare Wt. (g)	Gross Wet Wt. (g)	Gross Dry Wt. (g)	Net Wet Wt. (g)	Net Dry Wt. (g)	Dry Wt. %		Comments
1233038-13		0.978	7.016	5.009	6.038	4.031	66.76		
1233038-14		0.975	5.554	3.403	4.579	2.428	53.02		
1233048-08		1.054	6.056	4.609	5.002	3.555	71.07		
1233048-09		1.062	6.139	4.036	5.077	2.974	58.58		
1233048-10		1.012	6.228	4.387	5.216	3.375	64.70		
1233048-11		1.028	5.638	4.305	4.610	3.277	71.08		
1233048-12		1.023	6.176	4.194	5.153	3.171	61.54		
1233048-13		1.017	6.914	4.914	5.897	3.897	66.08		
1233048-14		1.003	7.297	5.138	6.294	4.135	65.70		
1233048-15		0.990	5.331	3.557	4.341	2.567	59.13		
1233048-16		0.979	7.764	5.632	6.785	4.653	68.58		
1233048-17		0.993	5.436	3.784	4.443	2.791	62.82		
1233048-18		1.043	4.648	3.619	3.605	2.576	71.46		
1233048-19		1.029	6.520	5.069	5.491	4.040	73.57		
1233048-20		1.025	8.112	5.982	7.087	4.957	69.94		
1233048-21		1.010	5.135	3.543	4.125	2.533	61.41		
1233048-22		1.010	5.347	3.871	4.337	2.861	65.97		
1233048-23		1.024	3.055	1.961	2.031	0.937	46.13		
1233048-24		1.026	6.223	4.792	5.197	3.766	72.46		
1233048-25		1.009	5.063	2.930	4.054	1.921	47.39		
1233048-26		0.976	5.609	3.239	4.633	2.263	48.85		
BLK1		0.988		0.988		0.000	0.00	0.00	= MB Avg
BLK2		0.993		0.993		0.000	0.00	0.00	= MB StDev
B121638 DUP1		1.000	7.218	4.798	6.218	3.798	61.08	9%	
B121637 DUP1		1.004	7.038	5.015	6.034	4.011	66.47	1%	
B121637 DUP2		0.995	5.594	3.373	4.599	2.378	51.71	6%	
								5.04	Rep Wt.

Dry Weight (% Solids) Bench Sheet (BR-1501 Rev 005)

Batch #: B121637, 1638 Analyst: CUE Date: 9/7/12 Page 1 of 2

Sample ID#	Dish # (if diff. from Sample ID)	Tare Wt. (g)	Gross Wet Wt. (g)	Initial Gross Dry Wt. (g)	Verification Gross Dry Wt. #1* (g)	Verification Gross Dry Wt. #2 (g)
1233038-13		0.978	7.016	5.009		
-14		0.975	5.554	3.403		
† B121638 DUP1		1.000	7.218	4.798		
1233048-08		1.054	6.056	4.609		
-09		1.062	6.139	4.036		
-10		1.012	6.228	4.387		
-11		1.028	5.638	4.305		
* B121637 DUP1		1.004	7.038	5.015		
1233048-12		1.023	6.176	4.194		
-13		1.017	6.914	4.914		
-14		1.003	7.297	5.138		
-15		0.990	5.331	3.557		
-16		0.979	7.764	5.632		
-17		0.993	5.436	3.784		
-18		1.043	4.648	3.619		
-19		1.029	6.520	5.069		
-20		1.025	8.112	5.982		
-21		1.010	5.135	3.543		
-22		1.010	5.347	3.871		
O -23		1.024	3.055	1.961		
-24		1.026	6.223	4.792		
-25		1.009	5.063	2.930		
-26		0.976	5.609	3.239		
B121637 DUP2		0.995	5.594	3.373		

9/10/12 CUE

9/10/12 CUE

* Verification dry weight (net) must be within 4% of or < 0.5 mg less than the previous dry weight measurement; whichever is stricter.

Balance ID: BL-03, BL-06 Oven ID: OV-06 Thermometer ID: 010398

1) Time / Date / Temp** in: C:97°C M:99°C 1600 9/7/12 Time / Date / Temp** out: C:90°C M:92°C 1305 9/10/12
2) Time / Date / Temp** in: — Time / Date / Temp** out: —
3) Time / Date / Temp** in: — Time / Date / Temp** out: — (if necessary)

Reweigh Analyst: CUE Verification Analyst: (if necessary)

**** Both the measured and the corrected temperatures must be recorded. Record the measured temperature first and then the corrected temperature.**

*: source: 1233048-13 BL-06 used to weigh Initial gross dry wt.

O: limited vol. †: source: 1233038-13

Dry Weight (% Solids) Bench Sheet (BR-1501 Rev 005)

Batch #: B121637, 1638 Analyst: CCE Date: 9/7/12 Page 2 of 2

Sample ID#	Dish # (if diff. from Sample ID)	Tare Wt. (g)	Gross Wet Wt. (g)	Initial Gross Dry Wt. (g)	Verification Gross Dry Wt. #1* (g)	Verification Gross Dry Wt. #2 (g)
BLK1		0.988	–	0.988		
BLK2	CE 9/10/12	0.993	–	0.993		CE 9/10/12

CE 9/10/12

* Verification dry weight (net) must be within 4% of or < 0.5 mg less than the previous dry weight measurement; whichever is stricter.

Sample Characteristics Log (Soil/Sediment)

(BR-0106 Rev 003)

Batch(es): BR1637, 1638 **Initials:** CCE **Date:** 9/7/12

Key: Rock = Rk, Sand = Sd, Silt = St, Clay = Cl, Organic Matter = OM

Write a 1 – 10 (indicating approximate percentage of constituent) below each descriptor. The numbers should always add up to 10. For example Rk 2, Sd 5, OM 3

Sample ID	Decanted	Matrix (1 – 10)					Comments Color, odor, homogeneity, rock size, etc.
		Rk	Sd	St	Cl	OM	
1233038-13		1	6	1	1	1	dark gray, slightly wet
-14			5		2		dark gray
1233048-08			1		6		light brown clay
-09							
-10							
-11							
-12							light brown outer, black inner clay
-13							light brown clay
-14				2	5		
-15				1	6		
-16							
-17	9/7/12		3	1	4		light brown/gray semi-wet mix
-18			1		6		light brown clay
-19							
-20							
-21			3		4		light brown/gray semi-wet mix
-22			2		4	2	light brown outer / gray inner clay, some grass-like fibers
-23			3		4	1	very wet black/dark brown mix
-24			1		6		light brown clay
-25			2		5		very wet black / dark brown mix
-26			2		4	2	very wet clay w/grass-like fibers + twigs

CCE 9/7/12

Comments:

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Case Narrative

Shipping and Receiving

On August 3, 2012, seven (7) invertebrates, eighteen (18) duck eggs, and two (2) sediment samples were received at 2:05 P.M. in one cooler at an ambient temperature. The cooler was inadvertently shipped to a residential address, which caused a delivery delay and consequently all samples thawed. The client was immediately notified and decided to re-sample the sediments. The biota samples were irreplaceable and the client agreed to proceed with the analyses. The client will not be charged for the analysis as the mistake in the delivery address was made in part by BRL. Worth noting the requested analyses, total mercury (Hg) and selenium (Se), are extremely stable in tissue samples at elevated temperatures. The results were none-the-less qualified **H** in accordance to EPA methodology. The samples were received and stored securely according to BRL standard operating procedures (SOP) and EPA methodology.

Preservation and Holding Time

All method and SOP requirements for preservation and holding time were satisfied.

Total Mercury in Tissue by EPA Method 1631, Appendix (SOP BR-0002)

Tissue samples are prepared by a hot re-fluxing HNO3/H2SO4 digestion. Samples are oxidized with bromine monochloride (BrCl) and then analyzed with stannous chloride (SnCl2) reduction, single gold amalgamation, and cold vapor atomic fluorescence spectroscopy (CVAFS) detection using a BRL Model III CVAFS Mercury Analyzer.

The results were method blank corrected as described in the calculations section of the relevant BRL SOP(s) and may have been evaluated using reporting limits that have been adjusted to account for sample aliquot size. Please refer to the *Sample Results* page for sample-specific MDLs, MRLs, and other details. All sample results were reported on a ng/g dry-weight basis.

Sequence 1200634

Instrument calibration, meeting all quality control criteria, was successfully achieved on the day of sample analysis.

Batch B121426

All data was reported without additional qualification and all other associated quality control sample results met the acceptance criteria.

Trace Metals EPA Method 1638 modified (BR-0070)

Total As and total Se analysis is performed by EPA Draft Method 1638 (modified) using inductively coupled plasma - mass spectrometry (ICP-MS) with Dynamic Reaction Cell (DRC™) technology. The analysis of all other metals used ICP-MS in standard mode. Prior to analysis, 0.5 mg aliquots of the samples are digested with 10 mL ultra-pure nitric acid and 100 µL hydrogen peroxide and heating for a minimum of four hours at 100 °C. Aliquots of digested sample are analyzed utilizing internal standardization. This method incorporates ionization of

the sample in an inductively-coupled RF plasma, with detection of the resulting ions by mass spectrometer on the basis of their mass-to-charge ratio. All sample results were reported on a ng/g dry-weight basis.

Sequence 1200676

The result of the initial calibration blank (ICB2) was greater than the low calibration standard. No samples were bracketed by this ICB and ICB3 was less than the low calibration standard. The elevated result was likely carryover from the analysis of the high calibration standard.

The closing continuing calibration blank CCBJ was slightly greater than the low calibration standard. The result at the instrument was 10x less than the bracketing sample results and contamination was considered insignificant.

Instrument calibration, meeting all quality control criteria, was successfully achieved on the day of sample analysis.

Batch B121449

The results above the MDL and less than or equal to the MRL were qualified **B** and should be considered estimates.

All data was reported without additional qualification and all other associated quality control sample results met the acceptance criteria.

Percent Total Solids in Solids by SM 2540G (SOP BR-1501)

A solid sample is homogenized and an aliquot is measured into a pre-weighed vessel, dried in an oven overnight, weighed again, and the percent of dried solid material is calculated.

The results may have been evaluated using reporting limits that have been adjusted to account for sample aliquot size. Please refer to the Sample Results page for sample-specific MDLs, MRLs, and other details.

Batch B121427

Due to limited volume invertebrate sample *OGBA-invert-005-12* (1232023-03) could not be analyzed. All data was reported without qualification and all associated quality control sample results met the acceptance criteria.

We certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. BRL, an accredited laboratory, certifies that the reported results of all analyses for which BRL is NELAP accredited meet all NELAP requirements. For more details, please see the *Report Information* page in your report. Please feel free to contact us if you have any questions regarding this report.

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Report Information

Laboratory Accreditation

BRL is accredited by the *National Environmental Laboratory Accreditation Program* (NELAP) through the State of Florida Department of Health, Bureau of Laboratories (E87982) and is certified to perform many environmental analyses. BRL is also certified by many other states to perform environmental analyses. For a current list of our accreditations /certifications, please visit our website at <http://www.brooksrand.com/default.asp?contentID=586>. Results reported relate only to the samples listed in the report.

Field Quality Control Samples

Please be notified that certain EPA methods require the collection of field quality control samples of an appropriate type and frequency; failure to do so is considered a deviation from some methods and for compliance purposes should only be done with the approval of regulatory authorities. Please see the specific EPA methods for details regarding required field quality control samples.

Common Abbreviations

BLK	method blank	**MS**	matrix spike
BRL	Brooks Rand Labs	**MSD**	matrix spike duplicate
BS	laboratory fortified blank	**ND**	non-detect
CAL	calibration standard	**NR**	non-reportable
CCV	continuing calibration verification	**PS**	post preparation spike
COC	chain of custody record	**REC**	percent recovery
CRM	certified reference material	**RPD**	relative percent difference
D	dissolved fraction	**RSD**	relative standard deviation
DUP	duplicate	**SCV**	secondary calibration verification
ICV	initial calibration verification	**SOP**	standard operating procedure
MDL	method detection limit	**SRM**	standard reference material
MRL	method reporting limit	**T**	total recoverable fraction

Definition of Data Qualifiers

(Effective 9/23/09)

B Detected by the instrument, the result is > the MDL but ≤ the MRL. Result is reported and considered an estimate.
E An estimated value due to the presence of interferences. A full explanation is presented in the narrative.
H Holding time and/or preservation requirements not met. Result is estimated.
J Estimated value. A full explanation is presented in the narrative.
J-M Duplicate precision (RPD) for associated QC sample was not within acceptance criteria. Result is estimated.
J-N Spike recovery for associated QC sample was not within acceptance criteria. Result is estimated.
M Duplicate precision (RPD) was not within acceptance criteria. Result is estimated.
N Spike recovery was not within acceptance criteria. Result is estimated.
R Rejected, unusable value. A full explanation is presented in the narrative.
U Result is ≤ the MDL or client requested reporting limit (CRRL). Result reported as the MDL or CRRL.
X Result is not BLK-corrected and is within 10x the absolute value of the highest detectable BLK in the batch. Result is estimated.

These qualifiers are based on those previously utilized by Brooks Rand Labs, those found in the EPA SOW ILM03.0, Exhibit B, Section III, pg. B-18, and the USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review; USEPA; January 2010. These supersede all previous qualifiers ever employed by BRL.

Sample Information

Sample	Lab ID	Report Matrix	Type	Sampled	Received
HC-001-12	1232023-01	Inverts	Sample	06/01/2012	08/03/2012
OGBA-invert-001-12	1232023-02	Inverts	Sample	06/22/2012	08/03/2012
OGBA-invert-005-12	1232023-03	Inverts	Sample	06/11/2012	08/03/2012
AIC-invert-12	1232023-04	Inverts	Sample	07/24/2012	08/03/2012
AIC-invert-001-12	1232023-05	Inverts	Sample	06/20/2012	08/03/2012
AIC-invert-002-12	1232023-06	Inverts	Sample	06/29/2012	08/03/2012
AIC-invert-003-12	1232023-07	Inverts	Sample	06/29/2012	08/03/2012
AEL-001-12	1232023-08	Duck Eggs	Sample	06/11/2012	08/03/2012
AEL-002-12	1232023-09	Duck Eggs	Sample	06/11/2012	08/03/2012
AEL-003-12	1232023-10	Duck Eggs	Sample	06/11/2012	08/03/2012
AEL-004-12	1232023-11	Duck Eggs	Sample	06/11/2012	08/03/2012
AEL-005-12	1232023-12	Duck Eggs	Sample	06/11/2012	08/03/2012
AEL-006-12	1232023-13	Duck Eggs	Sample	06/11/2012	08/03/2012
AEL-007-12	1232023-14	Duck Eggs	Sample	06/11/2012	08/03/2012
AEL-008-12	1232023-15	Duck Eggs	Sample	06/20/2012	08/03/2012
AEL-009-12	1232023-16	Duck Eggs	Sample	06/20/2012	08/03/2012
AEL-010-12	1232023-17	Duck Eggs	Sample	06/20/2012	08/03/2012
AEL-011-12	1232023-18	Duck Eggs	Sample	06/20/2012	08/03/2012
AEL-012-12	1232023-19	Duck Eggs	Sample	06/20/2012	08/03/2012
AEL-013-12	1232023-20	Duck Eggs	Sample	06/20/2012	08/03/2012
AEL-014-12	1232023-21	Duck Eggs	Sample	06/20/2012	08/03/2012
AEL-015-12	1232023-22	Duck Eggs	Sample	06/20/2012	08/03/2012
AEL-016-12	1232023-23	Duck Eggs	Sample	06/20/2012	08/03/2012
AEL-017-12	1232023-24	Duck Eggs	Sample	06/20/2012	08/03/2012
AEL-018-12	1232023-25	Duck Eggs	Sample	06/20/2012	08/03/2012

Batch Summary

Analyte	Lab Matrix	Method	Prepared	Analyzed	Batch	Sequence
%TS	Biota	SM 2540G	08/13/2012	08/15/2012	B121427	N/A
Hg	Biota	EPA 1631 Appendix	08/14/2012	08/15/2012	B121426	1200634
Se	Biota	EPA 1638 DRC	08/15/2012	08/30/2012	B121449	1200676

Sample Results

Sample	Analyte	Report Matrix	Basis	Result	Qualifier	MDL	MRL	Unit	Batch	Sequence
AEL-001-12										
1232023-08	%TS	Duck Eggs	NA	33.30		0.25	0.85	%	B121427	N/A
1232023-08	Hg	Duck Eggs	dry	295	H	0.33	1.11	ng/g	B121426	1200634
1232023-08	Se	Duck Eggs	dry	1.13	H	0.16	0.40	mg/kg	B121449	1200676
AEL-002-12										
1232023-09	%TS	Duck Eggs	NA	31.69		0.25	0.85	%	B121427	N/A
1232023-09	Hg	Duck Eggs	dry	747	H	0.36	1.19	ng/g	B121426	1200634
1232023-09	Se	Duck Eggs	dry	2.03	H	0.18	0.44	mg/kg	B121449	1200676
AEL-003-12										
1232023-10	%TS	Duck Eggs	NA	32.14		0.25	0.85	%	B121427	N/A
1232023-10	Hg	Duck Eggs	dry	546	H	0.36	1.21	ng/g	B121426	1200634
1232023-10	Se	Duck Eggs	dry	1.75	H	0.17	0.44	mg/kg	B121449	1200676
AEL-004-12										
1232023-11	%TS	Duck Eggs	NA	31.05		0.25	0.85	%	B121427	N/A
1232023-11	Hg	Duck Eggs	dry	358	H	0.36	1.20	ng/g	B121426	1200634
1232023-11	Se	Duck Eggs	dry	1.13	H	0.18	0.45	mg/kg	B121449	1200676
AEL-005-12										
1232023-12	%TS	Duck Eggs	NA	31.23		0.25	0.85	%	B121427	N/A
1232023-12	Hg	Duck Eggs	dry	216	H	0.37	1.23	ng/g	B121426	1200634
1232023-12	Se	Duck Eggs	dry	1.29	H	0.17	0.43	mg/kg	B121449	1200676
AEL-006-12										
1232023-13	%TS	Duck Eggs	NA	29.84		0.25	0.85	%	B121427	N/A
1232023-13	Hg	Duck Eggs	dry	297	H	0.39	1.30	ng/g	B121426	1200634
1232023-13	Se	Duck Eggs	dry	1.19	H	0.19	0.47	mg/kg	B121449	1200676
AEL-007-12										
1232023-14	%TS	Duck Eggs	NA	24.72		0.25	0.85	%	B121427	N/A
1232023-14	Hg	Duck Eggs	dry	415	H	0.48	1.61	ng/g	B121426	1200634
1232023-14	Se	Duck Eggs	dry	1.82	H	0.22	0.55	mg/kg	B121449	1200676

Sample Results

Sample	Analyte	Report Matrix	Basis	Result	Qualifier	MDL	MRL	Unit	Batch	Sequence
AEL-008-12										
1232023-15	%TS	Duck Eggs	NA	27.87		0.25	0.85	%	B121427	N/A
1232023-15	Hg	Duck Eggs	dry	197	H	0.43	1.42	ng/g	B121426	1200634
1232023-15	Se	Duck Eggs	dry	1.21	H	0.21	0.51	mg/kg	B121449	1200676
AEL-009-12										
1232023-16	%TS	Duck Eggs	NA	24.57		0.25	0.85	%	B121427	N/A
1232023-16	Hg	Duck Eggs	dry	328	H	0.45	1.51	ng/g	B121426	1200634
1232023-16	Se	Duck Eggs	dry	1.32	H	0.23	0.58	mg/kg	B121449	1200676
AEL-010-12										
1232023-17	%TS	Duck Eggs	NA	25.85		0.25	0.85	%	B121427	N/A
1232023-17	Hg	Duck Eggs	dry	271	H	0.46	1.55	ng/g	B121426	1200634
1232023-17	Se	Duck Eggs	dry	1.31	H	0.21	0.52	mg/kg	B121449	1200676
AEL-011-12										
1232023-18	%TS	Duck Eggs	NA	27.68		0.25	0.85	%	B121427	N/A
1232023-18	Hg	Duck Eggs	dry	157	H	0.41	1.38	ng/g	B121426	1200634
1232023-18	Se	Duck Eggs	dry	1.29	H	0.18	0.46	mg/kg	B121449	1200676
AEL-012-12										
1232023-19	%TS	Duck Eggs	NA	27.39		0.25	0.85	%	B121427	N/A
1232023-19	Hg	Duck Eggs	dry	589	H	0.41	1.36	ng/g	B121426	1200634
1232023-19	Se	Duck Eggs	dry	2.84	H	0.19	0.48	mg/kg	B121449	1200676
AEL-013-12										
1232023-20	%TS	Duck Eggs	NA	25.46		0.25	0.85	%	B121427	N/A
1232023-20	Hg	Duck Eggs	dry	765	H	1.11	3.71	ng/g	B121426	1200634
1232023-20	Se	Duck Eggs	dry	1.47	H	0.20	0.50	mg/kg	B121449	1200676
AEL-014-12										
1232023-21	%TS	Duck Eggs	NA	23.03		0.25	0.85	%	B121427	N/A
1232023-21	Hg	Duck Eggs	dry	700	H	0.50	1.67	ng/g	B121426	1200634
1232023-21	Se	Duck Eggs	dry	1.61	H	0.24	0.61	mg/kg	B121449	1200676

Sample Results

Sample	Analyte	Report Matrix	Basis	Result	Qualifier	MDL	MRL	Unit	Batch	Sequence
AEL-015-12										
1232023-22	%TS	Duck Eggs	NA	26.41		0.25	0.85	%	B121427	N/A
1232023-22	Hg	Duck Eggs	dry	947	H	0.43	1.43	ng/g	B121426	1200634
1232023-22	Se	Duck Eggs	dry	1.43	H	0.21	0.53	mg/kg	B121449	1200676
AEL-016-12										
1232023-23	%TS	Duck Eggs	NA	24.76		0.25	0.85	%	B121427	N/A
1232023-23	Hg	Duck Eggs	dry	206	H	0.47	1.56	ng/g	B121426	1200634
1232023-23	Se	Duck Eggs	dry	1.40	H	0.22	0.55	mg/kg	B121449	1200676
AEL-017-12										
1232023-24	%TS	Duck Eggs	NA	24.83		0.25	0.85	%	B121427	N/A
1232023-24	Hg	Duck Eggs	dry	227	H	0.48	1.59	ng/g	B121426	1200634
1232023-24	Se	Duck Eggs	dry	1.23	H	0.20	0.51	mg/kg	B121449	1200676
AEL-018-12										
1232023-25	%TS	Duck Eggs	NA	28.70		0.25	0.85	%	B121427	N/A
1232023-25	Hg	Duck Eggs	dry	1340	H	0.42	1.39	ng/g	B121426	1200634
1232023-25	Se	Duck Eggs	dry	1.47	H	0.26	0.65	mg/kg	B121449	1200676
AIC-invert-001-12										
1232023-05	%TS	Inverts	NA	23.01		0.25	0.85	%	B121427	N/A
1232023-05	Hg	Inverts	dry	118	H	0.50	1.68	ng/g	B121426	1200634
1232023-05	Se	Inverts	dry	0.83	H	0.24	0.59	mg/kg	B121449	1200676
AIC-invert-002-12										
1232023-06	%TS	Inverts	NA	13.10		0.25	0.85	%	B121427	N/A
1232023-06	Hg	Inverts	dry	22.5	H	0.89	2.98	ng/g	B121426	1200634
1232023-06	Se	Inverts	dry	0.68	H, B	0.43	1.06	mg/kg	B121449	1200676
AIC-invert-003-12										
1232023-07	%TS	Inverts	NA	18.53		0.25	0.85	%	B121427	N/A
1232023-07	Hg	Inverts	dry	44.1	H	1.29	4.31	ng/g	B121426	1200634
1232023-07	Se	Inverts	dry	0.61	H, B	0.32	0.79	mg/kg	B121449	1200676

Sample Results

Sample	Analyte	Report Matrix	Basis	Result	Qualifier	MDL	MRL	Unit	Batch	Sequence
AIC-invert-12										
1232023-04	%TS	Inverts	NA	30.46		0.25	0.85	%	B121427	N/A
1232023-04	Hg	Inverts	dry	356	H	0.98	3.27	ng/g	B121426	1200634
1232023-04	Se	Inverts	dry	1.20	H	0.17	0.43	mg/kg	B121449	1200676
HC-001-12										
1232023-01	%TS	Inverts	NA	29.30		0.25	0.85	%	B121427	N/A
1232023-01	Hg	Inverts	dry	427	H	1.01	3.37	ng/g	B121426	1200634
1232023-01	Se	Inverts	dry	1.35	H	0.18	0.45	mg/kg	B121449	1200676
OGBA-invert-001-12										
1232023-02	%TS	Inverts	NA	22.95		0.25	0.85	%	B121427	N/A
1232023-02	Hg	Inverts	dry	295	H	0.50	1.66	ng/g	B121426	1200634
1232023-02	Se	Inverts	dry	1.27	H	0.24	0.59	mg/kg	B121449	1200676
OGBA-invert-005-12										
1232023-03	Hg	Inverts	wet	18.1	H	1.18	3.95	ng/g	B121426	1200634
1232023-03	Se	Inverts	wet	0.28	H	0.11	0.27	mg/kg	B121449	1200676

Accuracy & Precision Summary

Batch: B121426
Lab Matrix: Biota
Method: EPA 1631 Appendix

Sample	Analyte	Native	Spike	Result	Units	REC & Limits		RPD & Limits	
B121426-SRM1	**Certified Reference Material (1219049, DORM-3)**								
	Hg		382.0	386.4	ng/g	101%	75-125		
B121426-SRM2	**Certified Reference Material (1219049, DORM-3)**								
	Hg		382.0	395.3	ng/g	103%	75-125		
B121426-DUP1	**Duplicate (1232023-01)**								
	Hg	427.1		463.8	ng/g dry			8%	30
B121426-MS1	**Matrix Spike (1232023-01)**								
	Hg	427.1	2010	2287	ng/g dry	93%	70-130		
B121426-MSD1	**Matrix Spike Duplicate (1232023-01)**								
	Hg	427.1	1985	2223	ng/g dry	90%	70-130	3%	30
B121426-DUP2	**Duplicate (1232023-04)**								
	Hg	355.9		341.1	ng/g dry			4%	30
B121426-MS2	**Matrix Spike (1232023-04)**								
	Hg	355.9	1954	2095	ng/g dry	89%	70-130		
B121426-MSD2	**Matrix Spike Duplicate (1232023-04)**								
	Hg	355.9	1926	2072	ng/g dry	89%	70-130	1%	30
B121426-DUP3	**Duplicate (1232023-20)**								
	Hg	764.6		741.5	ng/g dry			3%	30
B121426-MS3	**Matrix Spike (1232023-20)**								
	Hg	764.6	2168	2610	ng/g dry	85%	70-130		
B121426-MSD3	**Matrix Spike Duplicate (1232023-20)**								
	Hg	764.6	2182	2663	ng/g dry	87%	70-130	2%	30

Accuracy & Precision Summary

Batch: B121427
Lab Matrix: Biota
Method: SM 2540G

Sample	Analyte	Native	Spike	Result	Units	REC & Limits	RPD & Limits
B121427-DUP1	**Duplicate (1232023-01)**						
	%TS	29.30		27.84	%		5% 15
B121427-DUP2	**Duplicate (1232023-04)**						
	%TS	30.46		29.93	%		2% 15
B121427-DUP3	**Duplicate (1232023-20)**						
	%TS	25.46		25.38	%		0.3% 15

Accuracy & Precision Summary

Batch: B121449
Lab Matrix: Biota
Method: EPA 1638 DRC

Sample	Analyte	Native	Spike	Result	Units	REC & Limits		RPD & Limits	
B121449-BS1	**Laboratory Fortified Blank (1212074)**								
	Se		1.500	1.19	mg/kg	80%	75-125		
B121449-SRM1	**Certified Reference Material (1201032, DOLT-4 Dogfish Liver Certified for TM)**								
	Se		8.300	6.74	mg/kg	81%	75-125		
B121449-SRM2	**Certified Reference Material (1051005, TORT-2)**								
	Se		5.630	4.99	mg/kg	89%	75-125		
B121449-DUP1	**Duplicate (1232023-01)**								
	Se	1.35		1.39	mg/kg dry			3%	30
B121449-MS1	**Matrix Spike (1232023-01)**								
	Se	1.35	4.672	5.12	mg/kg dry	81%	70-130		
B121449-MSD1	**Matrix Spike Duplicate (1232023-01)**								
	Se	1.35	4.391	5.11	mg/kg dry	86%	70-130	0.3%	30
B121449-DUP2	**Duplicate (1232023-04)**								
	Se	1.20		1.18	mg/kg dry			2%	30
B121449-MS2	**Matrix Spike (1232023-04)**								
	Se	1.20	4.453	5.13	mg/kg dry	88%	70-130		
B121449-MSD2	**Matrix Spike Duplicate (1232023-04)**								
	Se	1.20	4.791	5.64	mg/kg dry	92%	70-130	9%	30
B121449-DUP3	**Duplicate (1232023-21)**								
	Se	1.61		1.47	mg/kg dry			9%	30
B121449-MS3	**Matrix Spike (1232023-21)**								
	Se	1.61	6.204	7.18	mg/kg dry	90%	70-130		

Accuracy & Precision Summary

Batch: B121449
Lab Matrix: Biota
Method: EPA 1638 DRC

Sample	Analyte	Native	Spike	Result	Units	REC & Limits		RPD & Limits	
B121449-MSD3	**Matrix Spike Duplicate (1232023-21)**								
	Se	1.61	6.251	7.08	mg/kg dry	88%	70-130	1%	30

Method Blanks & Reporting Limits

Batch: B121426
Matrix: Biota
Method: EPA 1631 Appendix
Analyte: Hg

Sample	Result	Units
B121426-BLK1	0.06	ng/g
B121426-BLK2	0.04	ng/g
B121426-BLK3	0.05	ng/g
B121426-BLK4	0.04	ng/g

Average: 0.05 **Standard Deviation:** 0.01 **MDL:** 0.12
Limit: 0.24 **Limit:** 0.08 **MRL:** 0.40

Method Blanks & Reporting Limits

Batch: B121427
Matrix: Biota
Method: SM 2540G
Analyte: %TS

Sample	Result	Units
B121427-BLK1	0.08	%
B121427-BLK2	0.00	%
	Average: 0.04	
	Limit: 0.85	

MDL: 0.25
MRL: 0.85

Method Blanks & Reporting Limits

Batch: B121449
Matrix: Biota
Method: EPA 1638 DRC
Analyte: Se 78

Sample	Result	Units
B121449-BLK1	-0.0002	mg/kg
B121449-BLK2	-0.002	mg/kg
B121449-BLK3	-0.006	mg/kg
B121449-BLK4	-0.004	mg/kg

Average: 0.00 **Standard Deviation:** 0.00 **MDL:** 0.06
Limit: 0.15 **Limit:** 0.06 **MRL:** 0.15

Instrument Calibration

Sequence: 1200634
Instrument: THG-06(MerxT)
Date: 08/15/2012
Analyte: Hg

Total Mercury and Mercury Speciation by CVAFS
Method: EPA 1631 Appendix

Lab ID	True Value	Result	Units	REC & Limits	
1200634-IBL1		0.92	pg of Hg		
1200634-IBL2		1.13	pg of Hg		
1200634-IBL3		1.54	pg of Hg		
1200634-IBL4		1.92	pg of Hg		
1200634-CAL1	10.00	10.26	pg of Hg	103%	
1200634-CAL2	25.00	25.06	pg of Hg	100%	
1200634-CAL3	100.0	100.1	pg of Hg	100%	
1200634-CAL4	500.0	476.5	pg of Hg	95%	
1200634-CAL5	2500	2574	pg of Hg	103%	
1200634-CAL6	10000	9917	pg of Hg	99%	
1200634-ICV1	1568	1589	pg of Hg	101%	85-115
1200634-CCB1		4.84	pg of Hg		
1200634-CCV1	500.0	458.3	pg of Hg	92%	77-123
1200634-CCB2		2.93	pg of Hg		
1200634-CCB3		2.54	pg of Hg		
1200634-CCB4		2.48	pg of Hg		
1200634-CCV2	500.0	499.3	pg of Hg	100%	77-123
1200634-CCB5		4.46	pg of Hg		
1200634-CCV3	500.0	501.6	pg of Hg	100%	77-123
1200634-CCB6		2.93	pg of Hg		
1200634-CCV4	500.0	520.5	pg of Hg	104%	77-123
1200634-CCB7		4.79	pg of Hg		
1200634-CCV5	500.0	518.3	pg of Hg	104%	77-123
1200634-CCB8		3.49	pg of Hg		
1200634-CCV6	500.0	516.8	pg of Hg	103%	77-123
1200634-CCB9		3.79	pg of Hg		
1200634-CCV7	500.0	514.5	pg of Hg	103%	77-123
1200634-CCBA		7.50	pg of Hg		
1200634-CCV8	500.0	484.3	pg of Hg	97%	77-123
1200634-CCBB		7.19	pg of Hg		
1200634-ICV2	1568	1596	pg of Hg	102%	85-115
1200634-CCV9	500.0	508.4	pg of Hg	102%	77-123
1200634-CCBC		2.80	pg of Hg		
1200634-CCVA	500.0	505.2	pg of Hg	101%	77-123
1200634-CCBD		3.17	pg of Hg		
1200634-CCVB	500.0	491.5	pg of Hg	98%	77-123
1200634-CCBE		3.31	pg of Hg		
1200634-CCVC	500.0	491.8	pg of Hg	98%	77-123
1200634-CCBF		4.30	pg of Hg		
1200634-CCVD	500.0	507.0	pg of Hg	101%	77-123

Instrument Calibration

Sequence: 1200634
Instrument: THG-06(MerxT)
Date: 08/15/2012
Analyte: Hg

Total Mercury and Mercury Speciation by CVAFS
Method: EPA 1631 Appendix

Lab ID	True Value	Result	Units	REC & Limits	
1200634-CCBG		3.93	pg of Hg		
1200634-CCVE	500.0	514.0	pg of Hg	103%	77-123
1200634-CCBH		2.90	pg of Hg		

Instrument Calibration

Sequence: 1200676
Instrument: ICP-MS-2
Date: 08/30/2012
Analyte: Se 78

Trace Metals by ICP-DRC-MS
Method: EPA 1638 DRC

Lab ID	True Value	Result	Units	REC & Limits	
1200676-ICB1		0.00	µg/L		
1200676-CAL1	0.05000	0.05	µg/L	96%	
1200676-CAL2	0.1000	0.10	µg/L	104%	
1200676-CAL3	0.2500	0.28	µg/L	111%	
1200676-CAL4	1.000	0.94	µg/L	94%	
1200676-CAL5	5.000	4.92	µg/L	98%	
1200676-CAL6	25.00	25.56	µg/L	102%	
1200676-CAL7	125.0	125.0	µg/L	100%	
1200676-CAL8	500.0	474.3	µg/L	95%	
1200676-ICB2		0.70	µg/L		
1200676-ICV1	10.00	10.08	µg/L	101%	85-115
1200676-ICB3		0.02	µg/L		
1200676-IBL1		0.01	µg/L		
1200676-IBL2		0.02	µg/L		
1200676-IBL3		0.009	µg/L		
1200676-IBL4		-0.009	µg/L		
1200676-SCV1	11.97	11.38	µg/L	95%	75-125
1200676-CCV1	1.000	0.99	µg/L	99%	75-125
1200676-CCB1		0.01	µg/L		
1200676-CCV2	1.000	0.98	µg/L	98%	75-125
1200676-CCB2		0.002	µg/L		
1200676-CCV3	1.000	0.94	µg/L	94%	75-125
1200676-CCB3		-0.002	µg/L		
1200676-CCV4	1.000	1.02	µg/L	102%	75-125
1200676-CCB4		0.01	µg/L		
1200676-CCV5	1.000	0.92	µg/L	92%	75-125
1200676-CCB5		-0.002	µg/L		
1200676-CCV6	1.000	0.87	µg/L	87%	75-125
1200676-CCB6		-0.003	µg/L		
1200676-CCV7	5.000	4.86	µg/L	97%	75-125
1200676-CCB7		0.01	µg/L		
1200676-CCV8	5.000	4.90	µg/L	98%	75-125
1200676-CCB8		0.01	µg/L		
1200676-CCV9	5.000	4.90	µg/L	98%	75-125
1200676-CCB9		0.009	µg/L		
1200676-CCVA	5.000	4.97	µg/L	99%	75-125
1200676-CCBA		-0.002	µg/L		
1200676-CCVB	5.000	4.40	µg/L	88%	75-125
1200676-CCBB		-0.005	µg/L		
1200676-CCVC	5.000	4.18	µg/L	84%	75-125
1200676-CCBC		0.006	µg/L		

Instrument Calibration

Sequence: 1200676
Instrument: ICP-MS-2
Date: 08/30/2012
Analyte: Se 78

Trace Metals by ICP-DRC-MS
Method: EPA 1638 DRC

Lab ID	True Value	Result	Units	REC & Limits	
1200676-CCVD	5.000	4.25	µg/L	85%	75-125
1200676-CCBD		0.01	µg/L		
1200676-CCVE	25.00	21.67	µg/L	87%	75-125
1200676-CCBE		0.04	µg/L		
1200676-CCVF	25.00	22.54	µg/L	90%	75-125
1200676-CCBF		0.04	µg/L		
1200676-CCVG	25.00	22.71	µg/L	91%	75-125
1200676-CCBG		0.05	µg/L		
1200676-CCVH	25.00	23.02	µg/L	92%	75-125
1200676-CCBH		0.05	µg/L		
1200676-CCVI	25.00	22.98	µg/L	92%	75-125
1200676-CCBI		0.04	µg/L		
1200676-CCVJ	25.00	23.54	µg/L	94%	75-125
1200676-CCBJ		0.06	µg/L		

Sample Containers

Lab ID: 1232023-01
Sample: HC-001-12
Report Matrix: Inverts
Sample Type: Sample
Collected: 06/01/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided			none	n/a		Styro Cooler

Lab ID: 1232023-02
Sample: OGBA-invert-001-12
Report Matrix: Inverts
Sample Type: Sample
Collected: 06/22/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided			none	n/a		Styro Cooler

Lab ID: 1232023-03
Sample: OGBA-invert-005-12
Report Matrix: Inverts
Sample Type: Sample
Collected: 06/11/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided			none	n/a		Styro Cooler

Lab ID: 1232023-04
Sample: AIC-invert-12
Report Matrix: Inverts
Sample Type: Sample
Collected: 07/24/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided			none	n/a		Styro Cooler

Lab ID: 1232023-05
Sample: AIC-invert-001-12
Report Matrix: Inverts
Sample Type: Sample
Collected: 06/20/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided			none	n/a		Styro Cooler

Lab ID: 1232023-06
Sample: AIC-invert-002-12
Report Matrix: Inverts
Sample Type: Sample
Collected: 06/29/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided			none	n/a		Styro Cooler

Lab ID: 1232023-07
Sample: AIC-invert-003-12
Report Matrix: Inverts
Sample Type: Sample
Collected: 06/29/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided			none	n/a		Styro Cooler

Sample Containers

Lab ID: 1232023-08
Sample: AEL-001-12
Report Matrix: Duck Eggs
Sample Type: Sample
Collected: 06/11/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided	4 oz.	Client Provided	none	n/a		Styro Cooler

Lab ID: 1232023-09
Sample: AEL-002-12
Report Matrix: Duck Eggs
Sample Type: Sample
Collected: 06/11/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided	4 oz.	Client Provided	none	n/a		Styro Cooler

Lab ID: 1232023-10
Sample: AEL-003-12
Report Matrix: Duck Eggs
Sample Type: Sample
Collected: 06/11/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided	4 oz.	Client Provided	none	n/a		Styro Cooler

Lab ID: 1232023-11
Sample: AEL-004-12
Report Matrix: Duck Eggs
Sample Type: Sample
Collected: 06/11/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided	4 oz.	Client Provided	none	n/a		Styro Cooler

Lab ID: 1232023-12
Sample: AEL-005-12
Report Matrix: Duck Eggs
Sample Type: Sample
Collected: 06/11/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided	4 oz.	Client Provided	none	n/a		Styro Cooler

Lab ID: 1232023-13
Sample: AEL-006-12
Report Matrix: Duck Eggs
Sample Type: Sample
Collected: 06/11/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided	4 oz.	Client Provided	none	n/a		Styro Cooler

Sample Containers

Lab ID: 1232023-14
Sample: AEL-007-12
Report Matrix: Duck Eggs
Sample Type: Sample
Collected: 06/11/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided	4 oz.	Client Provided	none	n/a		Styro Cooler

Lab ID: 1232023-15
Sample: AEL-008-12
Report Matrix: Duck Eggs
Sample Type: Sample
Collected: 06/20/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided	4 oz.	Client Provided	none	n/a		Styro Cooler

Lab ID: 1232023-16
Sample: AEL-009-12
Report Matrix: Duck Eggs
Sample Type: Sample
Collected: 06/20/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided	4 oz.	Client Provided	none	n/a		Styro Cooler

Lab ID: 1232023-17
Sample: AEL-010-12
Report Matrix: Duck Eggs
Sample Type: Sample
Collected: 06/20/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided	4 oz.	Client Provided	none	n/a		Styro Cooler

Lab ID: 1232023-18
Sample: AEL-011-12
Report Matrix: Duck Eggs
Sample Type: Sample
Collected: 06/20/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided	4 oz.	Client Provided	none	n/a		Styro Cooler

Lab ID: 1232023-19
Sample: AEL-012-12
Report Matrix: Duck Eggs
Sample Type: Sample
Collected: 06/20/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided	4 oz.	Client Provided	none	n/a		Styro Cooler

Sample Containers

Lab ID: 1232023-20
Sample: AEL-013-12
Report Matrix: Duck Eggs
Sample Type: Sample
Collected: 06/20/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided	4 oz.	Client Provided	none	n/a		Styro Cooler

Lab ID: 1232023-21
Sample: AEL-014-12
Report Matrix: Duck Eggs
Sample Type: Sample
Collected: 06/20/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided	4 oz.	Client Provided	none	n/a		Styro Cooler

Lab ID: 1232023-22
Sample: AEL-015-12
Report Matrix: Duck Eggs
Sample Type: Sample
Collected: 06/20/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided	4 oz.	Client Provided	none	n/a		Styro Cooler

Lab ID: 1232023-23
Sample: AEL-016-12
Report Matrix: Duck Eggs
Sample Type: Sample
Collected: 06/20/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided	4 oz.	Client Provided	none	n/a		Styro Cooler

Lab ID: 1232023-24
Sample: AEL-017-12
Report Matrix: Duck Eggs
Sample Type: Sample
Collected: 06/20/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided	4 oz.	Client Provided	none	n/a		Styro Cooler

Lab ID: 1232023-25
Sample: AEL-018-12
Report Matrix: Duck Eggs
Sample Type: Sample
Collected: 06/20/2012
Received: 08/03/2012

Des	Container	Size	Lot	Preservation	P-Lot	pH	Ship. Cont.
A	Client-Provided	4 oz.	Client Provided	none	n/a		Styro Cooler

Shipping Containers

Styro Cooler

Received: August 3, 2012 14:05
Tracking No: 5033 6432 0528 via FedEx
Coolant Type: None
Temperature: ambient

Description: Styro Cooler
Damaged in transit? No
Returned to client? No

Custody seals present? No
Custody seals intact? No
COC present? Yes

BROOKS RAND LABS
MEANINGFUL METALS DATA
3958 6th Avenue NW
Seattle, WA 98107
Phone: 206-632-6206
Fax: 206-632-6017
samples@brooksrand.com
www.brooksrand.com

Chain of Custody Record

 BRL Report 1232023

1232023

White: LAB COPY
Yellow: CUSTOMER COPY

Client: Weber State University
Contact: Nacole Wilson
Client project ID: Great Salt Lake Sampling
PO #:

Address: 2505 University Circle
Ogden, UT 84408-2505
Phone #: 801-626-8634

COC receipt confirmation? Y / N
If so, by: email / fax (circle one)
Email: nacolewilson@weber.edu
Fax #:

Requested TAT in business days:
- ☐ 20 (standard)
- ☐ 15
- ☐ 10
- ☐ 5
- ☐ Other ____

Surcharges apply for expedited turn around times.

	Sample ID	Collection: Date (2012)	Collection: Time	Miscellaneous: Sampler (initials)	Miscellaneous: Matrix type	Miscellaneous: # of containers	Miscellaneous: Field filtered? (Y/N)	Field Preservation: Unpreserved / ice only	Field Preservation: HCl / HNO_3 (circle one)	Field Preservation: Other (specify)	Analyses required: Total Hg, EPA 1631	Analyses required: Methyl Hg, EPA 1630	Analyses required: ICP-MS Metals (specify)	Analyses required: As / Se species (specify)	Analyses required: % Solids	Analyses required: Filtration	Analyses required: Other (specify) Total Se	Analyses required: Other (specify)	Comments
1	HC-001-12	6/1		NW	B	1	N	N	N/A		✓						✓		
2	OGBA-invert-001-12	6/22		NW	B	2	N	N	N/A		✓						✓		
3	OGBA-invert-005-12	6/11		NW	B	1	N	N	N/A		✓						✓		
4	AIC-invert-12	7/24		NW	B	2	N	N	N/A		✓						✓		
5	AIC-invert-001-12	6/20		NW	B	2	N	N	N/A		✓						✓		
6	AIC-invert-002-12	6/29		NW	B	1	N	N	N/A		✓						✓		
7	AIC-invert-003-12	6/29		NW	B	1	N	N	N/A		✓						✓		
* 8	AIC-Sed-12	6/29		NW	S	1	N	N	N/A								✓		
* 9	OGBA-Sed-12	6/11		NW	S	1	N	N	N/A								✓		
10																			

Relinquished by: Lindsay Neff	Date: 7/31/12	Time:	Relinquished by:	Date:	Time:
Received by: Karl R Hebbe	Date:	Time:	Received at BRL by:	Date: 8/3/12	Time: 1405
Shipping carrier: Cyclone	# of coolers:		BRL work order ID:	BRL project ID:	

* Sediments not analyzed. Sediments will be recollected. Client contacted (LN 8/9/12)

CHAIN-OF-CUSTODY RECORD 1232023 Page 2 of 3

Avian Ecology Lab, 2505 University Circle, Weber State University, Ogden, UT 84408-2505, 801-626-8634 Contact: J. Cavitt

Report 1232023

NOTE: USE BLACK INK ONLY TO FILL IN THIS FORM	Analytical Schedules:
Project name: Great Salt Lake Sampling	
Sample Identification Number:	
Sampler's Name: John Cavitt	

Sample number (Field ID)	Date sampled (DDMMYY)	Time sampled (HHMM)	Lab ID (lab use only)	Sample matrix, (W, water; S, soil; B, Biota)	Number of containers	ASR Form Enclosed
AEL-001-12	110612			B	1	
AEL-002-12	110612			B	1	
AEL-003-12	110612			B	1	
AEL-004-12	110612			B	1	
AEL-005-12	110612			B	1	
AEL-006-12	11/06/12			B	1	
AEL-007-12	110612			B	1	
AEL-008-12	200612			B	1	
AEL-009-12	200612			B	1	

CHAIN-OF-CUSTODY RECORD

Relinquished by (signature)		Date (DDMMYY)	Time (HHMM)	Received by (signature)
Tiffany Neff		310712		
Ray R Herges		31/07/12	2:27pm	

SHIPPING DETAILS

Seal number	Delivered to shipper by:
Method of shipment:	Airbill number:

LABORATORY LOG-IN OF SAMPLE SHIPPING CONTAINER

Lab:	Cooler seal intact upon receipt Yes____ No____
	Conditions of contents:
Received for laboratory by: Print: Tyler Rankin Sign: Date: 8/3/12 Time: 1405	Contents temp. (°C) on delivery:
	Laboratory Project Number::

Additional comments: Samples sent to: Brooks Rand Labs, LLC
ATTN: Tiffany Stilwater
18429 61st place NE
Seattle, WA 98107

CHAIN-OF-CUSTODY RECORD 1232023 Page 3 of 3

Avian Ecology Lab, 2505 University Circle, Weber State University, Ogden, UT 84408-2505, 801-626-8634 Contact: J. Cavitt

NOTE: USE BLACK INK ONLY TO FILL IN THIS FORM	Analytical Schedules:
Project name: Great Salt Lake Sampling	
Sample Identification Number:	
Sampler's Name: John Cavitt	

Sample number (Field ID)	Date sampled (DDMMYY)	Time sampled (HHMM)	Lab ID (lab use only)	Sample matrix, (W, water; S, soil; B, Biota)	Number of containers	ASR Form Enclosed
AEL-010-12	200612			B	1	
AEL-011-12	200612			B	1	
AEL-012-12	200612			B	1	
AEL-013-12	200612			B	1	
AEL-014-12	200612			B	1	
AEL-015-12	200612			B	1	
AEL-16-12	200612			B	1	
AEL-017-12	200612			B	1	
AEL-018-12	200612			B	1	

CHAIN-OF-CUSTODY RECORD

Relinquished by (signature)		Date (DDMMYY)	Time (HHMM)	Received by (signature)
Lindsay Neff		3107/12		
Kay R Hodges		31/7/12		

SHIPPING DETAILS

Seal number	Delivered to shipper by:
Method of shipment:	Airbill number:

LABORATORY LOG-IN OF SAMPLE SHIPPING CONTAINER

Lab:	Cooler seal intact upon receipt Yes____ No____
	Conditions of contents:

Additional comments:
Samples Sent to: Brooks Rand Labs, LLC
ATTN: Tiffany Stilwater
18429 61st place NE
Seattle, WA 98107

Received for laboratory by:
Print: Tyler Rankin
Sign:
Date: 8/3/12 Time: 1405

Contents temp. (°C) on delivery:

Laboratory Project Number::

ORIGIN ID: OGDA (801) 626-6019
KATHY RHODES
WEBER STATE UNIVERSITY
3605 UNIVERSITY CIRCLE

OGDEN, UT 84408
UNITED STATES US

SHIP DATE: 31JUL12
ACTWGT: 15.6 LB MAN
CAD: 609474/CAFE2511

DRY ICE: 2.7 KGS
BILL THIRD PARTY

TO TIFFANY STILWATER
BROOKS RAND LABS
18429 61ST PLACE NE 98028

~~SEATTLE WA 98107~~ KENMORE WA

REF: AVIARIAN LAB
PO: 2 OF 2
DEPT: BILL RECIPIENT

Fe

FedEx.
TRK# 0201 5033 6432 0528

A4
STANDARD OVERNIGHT
ISR
98028
WA-US
SEA

85 PAEA

Emp# 29969 01AUG12 BFIA- 515C1/A270/AA44

ANALYSIS SEQUENCE

1200634

Brooks Rand Labs

Instrument: THG-06(MerxT)

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200634-IBL1	1200634	QC	1		-			
1200634-IBL2	1200634	QC	2		-			
1200634-IBL3	1200634	QC	3		-			
1200634-IBL4	1200634	QC	4		-			
1200634-CAL1	1200634	QC	5	1233021	-			
1200634-CAL2	1200634	QC	6	1232058	-			
1200634-CAL3	1200634	QC	7	1232059	-			
1200634-CAL4	1200634	QC	8	1232060	-			
1200634-CAL5	1200634	QC	9	1232061	-			
1200634-CAL6	1200634	QC	10	1232062	-			
1200634-ICV1	1200634	QC	11	1232064	-			
1200634-CCB1	1200634	QC	12		-			
1200634-CCV1	1200634	QC	13	1232063	-			
1200634-CCB2	1200634	QC	14		-			
1200634-CCB3	1200634	QC	15		-			
1200634-CCB4	1200634	QC	16		-			
B121433-BLK1	B121433	QC	17		-			
B121433-BLK2	B121433	QC	18		-			
B121433-BLK3	B121433	QC	19		-			
B121433-BLK4	B121433	QC	20		-			
B121433-SRM1	B121433	QC	21		-			
1232003-01	B121433	Hg-S-AR-MERX-CVAFS	22			STM-CH1201	8/20/2012	
1232025-01	B121433	Hg-S-AR-MERX-CVAFS	23			CHM-BN1201	8/21/2012	
B121433-DUP1	B121433	QC	24		1232025-01			
B121433-MS1	B121433	QC	25		1232025-01			
B121433-MSD1	B121433	QC	26		1232025-01			

ANALYSIS SEQUENCE

1200634

Brooks Rand Labs

Instrument: THG-06(MerxT)

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200634-CCV2	1200634	QC	27	1232063	-			
1200634-CCB5	1200634	QC	28		-			
1232025-02	B121433	Hg-S-AR-MERX-CVAFS	29			CHM-BN1201	8/21/2012	
1232025-03	B121433	Hg-S-AR-MERX-CVAFS	30			CHM-BN1201	8/21/2012	
1232028-01	B121433	Hg-S-AR-MERX-CVAFS	31			SFE-OA1201	8/31/2012	
1200634-CCV3	1200634	QC	32	1232063	-			
1200634-CCB6	1200634	QC	33		-			
B121426-BLK1	B121426	QC	34		-			
B121426-BLK2	B121426	QC	35		-			
B121426-BLK3	B121426	QC	36		-			
B121426-BLK4	B121426	QC	37		-			
B121426-SRM1	B121426	QC	38		-			
B121426-SRM2	B121426	QC	39		-			
1232023-01	B121426	Hg-B-70:30-MERX-CVAFS	40			UDE-SL1201	9/18/2012	
B121426-DUP1	B121426	QC	41		1232023-01			
B121426-MS1	B121426	QC	42		1232023-01			
B121426-MSD1	B121426	QC	43		1232023-01			
1200634-CCV4	1200634	QC	44	1232063	-			
1200634-CCB7	1200634	QC	45		-			
1232023-02	B121426	Hg-B-70:30-MERX-CVAFS	46			UDE-SL1201	9/18/2012	
1232023-03	B121426	Hg-B-70:30-MERX-CVAFS	47			UDE-SL1201	9/18/2012	
1232023-04	B121426	Hg-B-70:30-MERX-CVAFS	48			UDE-SL1201	9/18/2012	
B121426-DUP2	B121426	QC	49		1232023-04			
B121426-MS2	B121426	QC	50		1232023-04			
B121426-MSD2	B121426	QC	51		1232023-04			
1232023-05	B121426	Hg-B-70:30-MERX-CVAFS	52			UDE-SL1201	9/18/2012	

ANALYSIS SEQUENCE

1200634

Brooks Rand Labs

Instrument: THG-06(MerxT)

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1232023-06	B121426	Hg-B-70:30-MERX-CVAFS	53			UDE-SL1201	9/18/2012	
1232023-07	B121426	Hg-B-70:30-MERX-CVAFS	54			UDE-SL1201	9/18/2012	
1232023-08	B121426	Hg-B-70:30-MERX-CVAFS	55			UDE-SL1201	9/18/2012	
1200634-CCV5	1200634	QC	56	1232063	-			
1200634-CCB8	1200634	QC	57		-			
1232023-09	B121426	Hg-B-70:30-MERX-CVAFS	58			UDE-SL1201	9/18/2012	
1232023-10	B121426	Hg-B-70:30-MERX-CVAFS	59			UDE-SL1201	9/18/2012	
1232023-11	B121426	Hg-B-70:30-MERX-CVAFS	60			UDE-SL1201	9/18/2012	
1232023-12	B121426	Hg-B-70:30-MERX-CVAFS	61			UDE-SL1201	9/18/2012	
1232023-13	B121426	Hg-B-70:30-MERX-CVAFS	62			UDE-SL1201	9/18/2012	
1232023-14	B121426	Hg-B-70:30-MERX-CVAFS	63			UDE-SL1201	9/18/2012	
1232023-15	B121426	Hg-B-70:30-MERX-CVAFS	64			UDE-SL1201	9/18/2012	
1232023-16	B121426	Hg-B-70:30-MERX-CVAFS	65			UDE-SL1201	9/18/2012	
1232023-17	B121426	Hg-B-70:30-MERX-CVAFS	66			UDE-SL1201	9/18/2012	
1232023-18	B121426	Hg-B-70:30-MERX-CVAFS	67			UDE-SL1201	9/18/2012	
1200634-CCV6	1200634	QC	68	1232063	-			
1200634-CCB9	1200634	QC	69		-			
1232023-19	B121426	Hg-B-70:30-MERX-CVAFS	70			UDE-SL1201	9/18/2012	
1232023-20	B121426	Hg-B-70:30-MERX-CVAFS	71			UDE-SL1201	9/18/2012	
B121426-DUP3	B121426	QC	72		1232023-20			
B121426-MS3	B121426	QC	73		1232023-20			
B121426-MSD3	B121426	QC	74		1232023-20			
1232023-21	B121426	Hg-B-70:30-MERX-CVAFS	75			UDE-SL1201	9/18/2012	
1232023-22	B121426	Hg-B-70:30-MERX-CVAFS	76			UDE-SL1201	9/18/2012	
1232023-23	B121426	Hg-B-70:30-MERX-CVAFS	77			UDE-SL1201	9/18/2012	
1232023-24	B121426	Hg-B-70:30-MERX-CVAFS	78			UDE-SL1201	9/18/2012	

ANALYSIS SEQUENCE

1200634

Brooks Rand Labs

Instrument: THG-06(MerxT)

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1232023-25	B121426	Hg-B-70:30-MERX-CVAFS	79			UDE-SL1201	9/18/2012	
1200634-CCV7	1200634	QC	80	1232063	-			
1200634-CCBA	1200634	QC	81		-			
B121433-MS2	B121433	QC	82		1232025-01			
B121433-MSD2	B121433	QC	83		1232025-01			
1200634-CCV8	1200634	QC	84	1232063	-			
1200634-CCBB	1200634	QC	85		-			
1200634-ICV2	1200634	QC	86	1232064	-			
1200634-CCV9	1200634	QC	87	1232063	-			
1200634-CCBC	1200634	QC	88		-			
B121452-BLK1	B121452	QC	89		-			
B121452-BLK2	B121452	QC	90		-			
B121452-BLK3	B121452	QC	91		-			
B121452-BLK4	B121452	QC	92		-			
B121452-SRM1	B121452	QC	93		-			
B121452-SRM2	B121452	QC	94		-			
B121452-BS1	B121452	QC	95		-			
1232032-01	B121452	3-70:30-NoMB-MERX-CVAFS-	96			CSC-AL1201	8/30/2012	
1232032-02	B121452	3-70:30-NoMB-MERX-CVAFS-	97			CSC-AL1201	8/30/2012	
1232032-03	B121452	3-70:30-NoMB-MERX-CVAFS-	98			CSC-AL1201	8/30/2012	
1200634-CCVA	1200634	QC	99	1232063	-			
1200634-CCBD	1200634	QC	100		-			
1232032-04	B121452	3-70:30-NoMB-MERX-CVAFS-	101			CSC-AL1201	8/30/2012	
B121452-BLK5	B121452	QC	102		-			
1232032-05	B121452	3-70:30-NoMB-MERX-CVAFS-	103			CSC-AL1201	8/30/2012	
1232032-06	B121452	3-70:30-NoMB-MERX-CVAFS-	104			CSC-AL1201	8/30/2012	

ANALYSIS SEQUENCE

1200634

Brooks Rand Labs

Instrument: THG-06(MerxT)

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
B121452-DUP1	B121452	QC	105		1232032-06			
B121452-MS1	B121452	QC	106		1232032-06			
B121452-MSD1	B121452	QC	107		1232032-06			
1232032-07	B121452	3-70:30-NoMB-MERX-CVAFS-	108			CSC-AL1201	8/30/2012	
1232032-08	B121452	3-70:30-NoMB-MERX-CVAFS-	109			CSC-AL1201	8/30/2012	
B121452-BLK6	B121452	QC	110		-			
1200634-CCVB	1200634	QC	111	1232063	-			
1200634-CCBE	1200634	QC	112		-			
1232032-09	B121452	3-70:30-NoMB-MERX-CVAFS-	113			CSC-AL1201	8/30/2012	
1232032-10	B121452	3-70:30-NoMB-MERX-CVAFS-	114			CSC-AL1201	8/30/2012	
1232032-11	B121452	3-70:30-NoMB-MERX-CVAFS-	115			CSC-AL1201	8/30/2012	
1232032-12	B121452	3-70:30-NoMB-MERX-CVAFS-	116			CSC-AL1201	8/30/2012	
1232032-13	B121452	3-70:30-NoMB-MERX-CVAFS-	117			CSC-AL1201	8/30/2012	
B121452-BLK7	B121452	QC	118		-			
1232032-14	B121452	3-70:30-NoMB-MERX-CVAFS-	119			CSC-AL1201	8/30/2012	
1232032-15	B121452	3-70:30-NoMB-MERX-CVAFS-	120			CSC-AL1201	8/30/2012	
1232032-16	B121452	3-70:30-NoMB-MERX-CVAFS-	121			CSC-AL1201	8/30/2012	
1232032-17	B121452	3-70:30-NoMB-MERX-CVAFS-	122			CSC-AL1201	8/30/2012	
1200634-CCVC	1200634	QC	123	1232063	-			
1200634-CCBF	1200634	QC	124		-			
1232032-18	B121452	3-70:30-NoMB-MERX-CVAFS-	125			CSC-AL1201	8/30/2012	
1232032-19	B121452	3-70:30-NoMB-MERX-CVAFS-	126			CSC-AL1201	8/30/2012	
B121452-BLK8	B121452	QC	127		-			
B121452-DUP2	B121452	QC	128		1232032-19			
B121452-MS2	B121452	QC	129		1232032-19			
B121452-MSD2	B121452	QC	130		1232032-19			

ANALYSIS SEQUENCE

1200634

Brooks Rand Labs

Instrument: THG-06(MerxT)

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1232032-20	B121452	3-70:30-NoMB-MERX-CVAFS-	131			CSC-AL1201	8/30/2012	
B121452-BS2	B121452	QC	132		-			
1200634-CCVD	1200634	QC	133	1232063	-			
1200634-CCBG	1200634	QC	134		-			
B121469-BLK1	B121469	QC	135		-			
B121469-BLK2	B121469	QC	136		-			
B121469-BLK3	B121469	QC	137		-			
B121469-BLK4	B121469	QC	138		-			
B121469-SRM1	B121469	QC	139		-			
B121469-SRM2	B121469	QC	140		-			
1227031-09RE1	B121469	Hg-S-AR-NoMB-MERX-CVAFS	141			AAL-MN1101	8/12/2012	From B121205 by ATC on 08/16/12
B121469-DUP1	B121469	QC	142		1227031-09RE1			
B121469-PS1	B121469	QC	143		1227031-09RE1			
1200634-CCVE	1200634	QC	144	1232063	-			
1200634-CCBH	1200634	QC	145		-			

SOP(s) / Rev#(s): 0002 - 010 d

Hg Analysis Sheet : T-Hg MERX-T:_____

Sequence: 1200637 Batch(es): B121433 & B121426, 1452, 1469

Analyst: MH Date: 8.15.12 Instrument ID: THg-06 (MERXT)

10ng/mL std ID: 1232056 1ng/mL std ID: 1232055 ICV std ID: 1233012

$NH_2OH \cdot HCl$ #: 1232004 $SnCl_2$ #: 1230056

Initial offset: 10,607 Initial PMT: 497.0

	Run #/ Pos #	Brooks Rand Sample ID	Analy. Vol. (mL)	Dilution Factor	Analysis comments / For spiked QC: Source sample, standard ID, and spiked volume (mL)
	1	Rinse	---		
	2	Rinse	---		
	3	SEQ-IBL1	---		
	4	SEQ-IBL2	---		
	5	SEQ-IBL3	---		
	6	SEQ-IBL4	---		
	7	SEQ-CAL1	0.010		1ng/mL
	8	SEQ-CAL2	0.025		1ng/mL
	9	SEQ-CAL3	0.100		1ng/mL
	10	SEQ-CAL4	0.050		10ng/mL
	11	SEQ-CAL5	0.250		10ng/mL
	12	SEQ-CAL6	1.000		10ng/mL
	13	SEQ-ICV1	1.000		NIST 1641d
	14	SEQ-CCB	---		
	15	SEQ-CCV	0.050		10ng/mL
	16	SEQ-CCB	---		
	17	SEQ-CCB	---		
	18	SEQ-CCB	---		
	19	B121433-BLK1	1.00		
	20	-BLK2	↓		
	21	-BLK3	↓		
	22	-BLK4	↓		
	23	↓ -SRM1	1.00		
	24	1232003-01	↓		

Comments:

B121433, 121426 = MH

B121452, 121469 = BST

Balance ID: ——

SOP(s) / Rev#(s): 0002-010d

Hg Analysis Sheet : T-Hg / Other:____

Sequence: 12000634 Analyst: MLH Date: 8.15.12

	Run #/ Pos #	Brooks Rand Sample ID	Analy. Vol. (mL)	Dilution Factor	Analysis comments / For spiked QC: Source sample, standard ID, and spiked volume (mL)
	25	1232025-01	0.020		
	26	B121433-DUP1			
	27	-MS1			
	28	-MSD1			
	29	SEQ-CCV	0.050		10ng/mL
	30	SEQ-CCV	—		
	31	1232025-02	0.020		
	32	-03	0.050		
	33	1232023-01	0.025		
	34	MLH 8.15.12 B1 SEQ-CCV	0.050		10ng/mL
	35	SEQ-CCB	—		
	36	B121426-BK1	1.00		
	37	BLK2			
	38	BLK3			
	39	BLK4			
	40	-SRM1			
	41	-SRM2			
	42	MLH 8.15.12 1232023-01	0.400		
	43	B121426-DUP1			
	44	-MS1			
	45	-MSD1			
	46	SEQ-CCV	0.050		10ng/mL
	47	SEQ-CCB	—		
	48	1232023-02	1.00		

Comments:

SOP(s) / Rev#(s): 0002-0100

Hg Analysis Sheet : T-Hg / Other:

Sequence: 1200634 Analyst: MLH Date: 8.15.12

	Run #/ Pos #	Brooks Rand Sample ID	Analy. Vol. (mL)	Dilution Factor	Analysis comments / For spiked QC: Source sample, standard ID, and spiked volume (mL)
	49	1232023-03	1.00		
	50	↓ -04	0.400		
	51	B121424-DUP2			
	52	-MS2			
	53	↓ -MSD2			
	54	1232023-05	1.00		
	55	-06			
	56	-07			
	57	↓ -08	↓		
	58	SEQ-CCV	0.050		10ng/mL
	59	SEQ-CCB	—		
	60	1232023-09	1.00		
	61	-10			
	62	-11			
	63	-12			
	64	-13			
	65	-14			
	66	-15			
	67	-16			
	68	-17			
	69	↓ -18	↓		
	70	SEQ-CCV	0.050		10ng/mL
	71	SEQ-CCB	—		
	72	1232023-19	1.00		

Comments:

SOP(s) / Rev#(s): 0002-0104

Hg Analysis Sheet : T-Hg / Other:____

Sequence: 1200634 Analyst: MLH Date: 8.15.12

	Run #/ Pos #	Brooks Rand Sample ID	Analy. Vol. (mL)	Dilution Factor	Analysis comments / For spiked QC: Source sample, standard ID, and spiked volume (mL)
	73	1232023-20	0.400		
	74	B121426-DUP3	↓		
	75	↓ -MS3	↓		
	76	↓ -MSD3	↓		
	77	1232023-21	1.00		
	78	↓ -22	↓		
	79	↓ -23	↓		
	80	↓ -24	↓		
	81	↓ -25	↓		
	82	SEQ-CCV	0.050		10ng/mL
	83	SEQ-CCB	—		
	84	B121433-MS2	0.020		RERUN of MS1 & MSD1 B121433
	85	↓ -MSD2	↓		↓
	86	SEQ-CCV	0.050		10ng/mL
	87	SEQ-CCB	—		
*	88	Rinse	—		
	89	↓	—		
	90	↓	—		
	91	↓	—		
	92	↓	—		
	93	↓	—		
	94	ICV	1.00		
	95	CCV	8.20.12 ~~0.050~~	0.500	10ng/mL
	96	CCB	—		

Comments: * BJT status

SOP(s) / Rev#(s): BR0002-0/02

Hg Analysis Sheet : T-Hg / Other:____

Sequence: 1200634 Analyst: BJT Date: 8/15/12

	Run #/ Pos #	Brooks Rand Sample ID	Analy. Vol. (mL)	Dilution Factor	Analysis comments / For spiked QC: Source sample, standard ID, and spiked volume (mL)
	97	B121452 BLK1	1.00		reagent blanks
	98	BLK2			
	99	BLK3			
	100	BLK4			
	101	SRM1			
	102	SRM2			
	103	BS1			
	104	1232032-01			
	105	-02			
	106	-03			
	107	CCV	0.500		10ng/mL
	108	CCB	—		
	109	1232032-04	1.00		
	110	B121452 BLK5			Chicken
	111	1232032-05			
	112	-06	0.500		
	113	B121452 DUP1			
	114	MS1			
	115	MSD1			
	116	1232032-07	1.00		
	117	-08			
	118	B121452 BLK6			Chicken
	119	CCV	0.500		10ng/mL
	120	CCB	—		

Comments:

SOP(s) / Rev#(s): D002-/00a

Hg Analysis Sheet : T-Hg / Other:____

Sequence: 200634 Analyst: BJT Date: 8/15/12

	Run #/ Pos #	Brooks Rand Sample ID	Analy. Vol. (mL)	Dilution Factor	Analysis comments / For spiked QC: Source sample, standard ID, and spiked volume (mL)
	121	1232032-09	1.00		
	122	-10			
	123	-11			
	124	-12	0.500		
	125	-13	1.00		
	126	B121452 BLK7			chicken
	127	1232032-14			
	128	-15			
	129	-16			
	130	-17			
	131	CCV	0.500		10ng/mL
	132	CCB	—		
	133	1232032-18	1.00		
	134	-19			
	135	B121452 BLK8			chicken
	136	DUP2			
	137	MS2			
	138	MSD2			
	139	1232032-20			
	140	CCV	0.500		10ng/mL
	141	CCB	—		
	142	B121452 BS2	1.00		RE of BS1
	143	B121469 BLK1			RE from B121205
	144	BLK2			

Comments:

SOP(s) / Rev#(s): 0002 - 0100

Hg Analysis Sheet : T-Hg / Other:____

Sequence: 1200634 Analyst: BJ Date: 8/15/12

	Run #/ Pos #	Brooks Rand Sample ID	Analy. Vol. (mL)	Dilution Factor	Analysis comments / For spiked QC: Source sample, standard ID, and spiked volume (mL)
	145	B121469 BLK3	1.00		
	146	BLK4			
	147	SRM1			
	148	SRM2			
	149	1227031-09RE1			
	150	B121469 DUP1			Analytical DUP
	151	PS1			Native 1227031-09RE1 (250 pg; 0.025 mL of 10 ng/mL)
	152	CCV	0.500		10 ng/mL
	153	CCB	—		
				8/17/12 BJT	

Comments:

Brooks Rand Labs

THg Biota Prep Benchsheet

SOP / Revision #: BR-0002 Rev 0100

Pg 1 of 1

Prepped By: AP

Batch: B121426 ~~B121246~~ 8-13-12

Preparation Start Date/Time*: 8-14-12/1723

Preparation End Date/Time**: 8-15-12/0912

* Time is when the first reagents are added.

** Time is when the last sample is brought upto volume

Sample ID	Sample Mass (g)
1232023-01	1.013
1232023-02	1.053
* 1232023-03	0.1013
1232023-04	1.005
1232023-05	1.037
⊛ 1232023-06	1.024
* 1232023-07	~~1.044~~ TE 8-13-12 0.501
1232023-08	1.080
1232023-09	1.064
1232023-10	1.025
1232023-11	1.075
1232023-12	1.043
1232023-13	1.035
1232023-14	1.005
1232023-15	1.010
1232023-16	1.080
1232023-17	1.001

Sample ID	Sample Mass (g)
1232023-18	1.045
1232023-19	1.070
1232023-20	1.058
1232023-21	1.043
1232023-22	1.062
1232023-23	1.037
1232023-24	1.015
1232023-25	1.005
B121426-BLK1	—
B121426-BLK2	—
B121426-BLK3	—
B121426-BLK4	—
B121426-DUP1	1.059
B121426-DUP2	1.020
B121426-DUP3	1.094
B121426-MS1	1.019
B121426-MS2	1.008

Sample ID	Sample Mass (g)
B121426-MS3	1.087
B121426-MSD1	1.032
B121426-MSD2	1.023
B121426-MSD3	1.080
B121426-SRM1	0.199
B121426-SRM2	0.212

8-15-12 AP

Batch QC ID	Sample Source	Spike vol (uL)	Spike conc (ng/mL)	Spike/CRM ID	Spike Witness
Dup1/MS1/MSD1	1232023-01	600	1,000	1228097	8/14/12 1334
	1232023-04	↓	↓	↓	↓
	1232023-20	↓	↓	↓	↓
		8-14-12			
SRM1 & 2	DORM3			1219049	

Target Temp/Time 1: 70 C/1 hour

Target Temp/Time 2: 90-100 C/3 hrs

Temp/Time 1 (measured / corrected): 74,74/1735

Temp/Time 2 (measured / corrected): 92,92/1829

Balance ID: BL-06

Thermometer ID: PL-10

Final Dilution Vol: 10mL

Reagent	ID
7 mL HNO_3	1229023
3 mL H_2SO_4	1205025
0.5 mL BrCl	1230052

Comments:

Aliquoted by TE

8-13-12

⊛ Extremely reactive w/ reagents

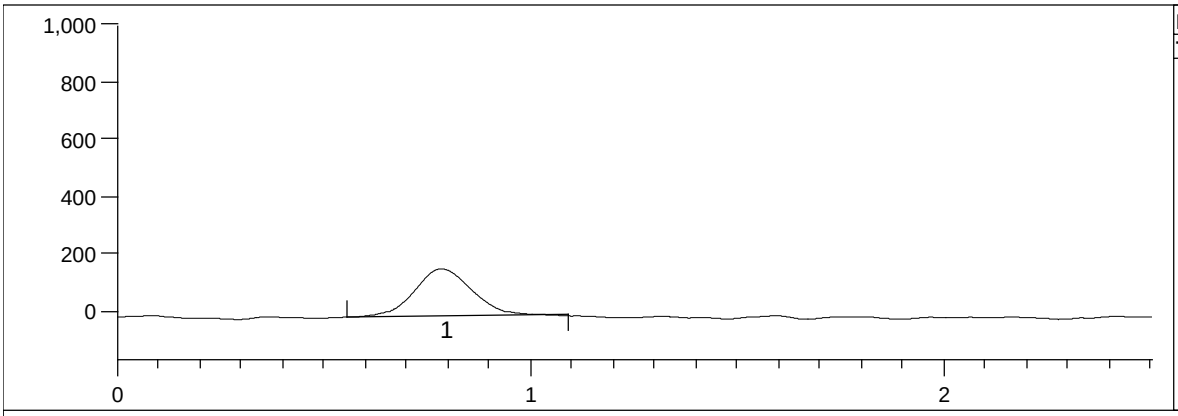
* weighed out at a reduced mass due to limited sample

Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

Date Analyzed: 8/15/12
Analyst Name: Labuser

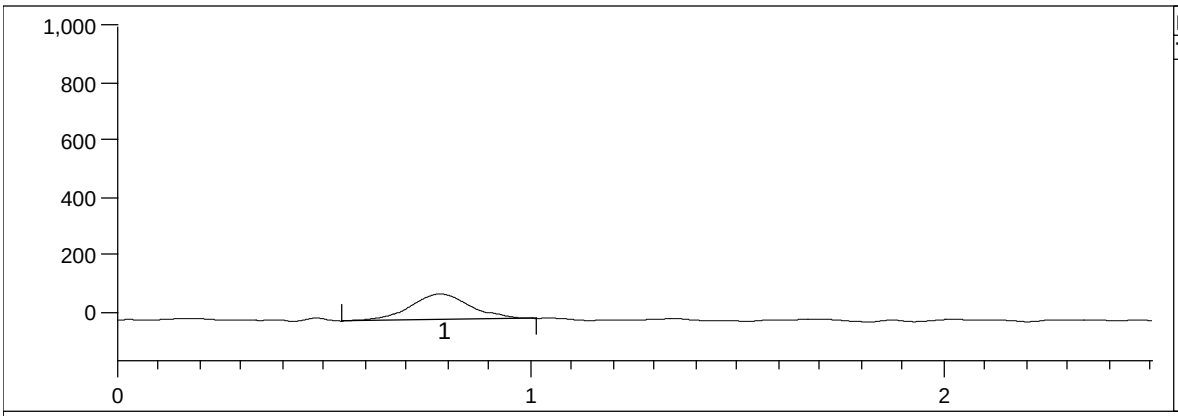


Date: 8/15/12
Time: 10:46 AM

Peak	rt	Area
1	0.78	17,489

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
1	X	RINS	RINSE		1	17,489	1.67	0.00	0.00	< 0.5	accept

Notes

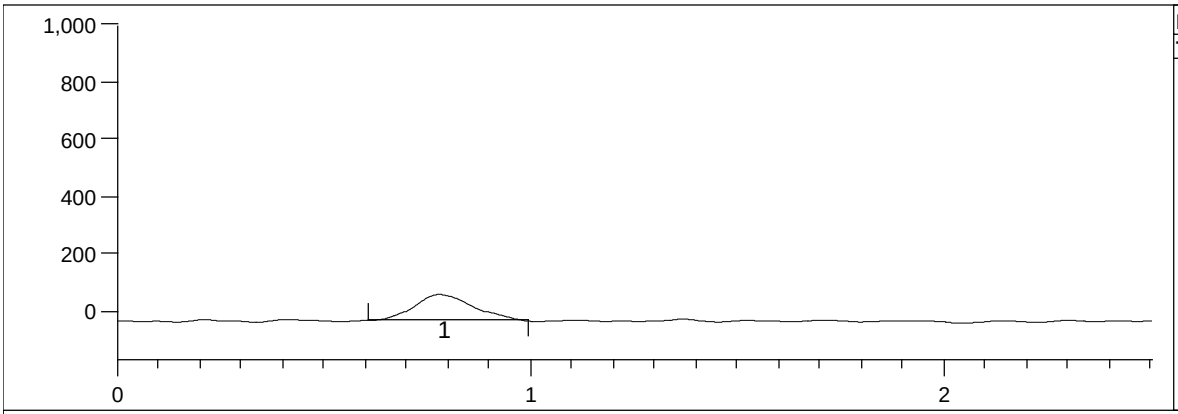


Date: 8/15/12
Time: 10:52 AM

Peak	rt	Area
1	0.78	9,803

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
2	Y	RINS	RINSE		1	9,803	0.934	0.00	0.00	< 0.5	accept

Notes



Date: 8/15/12
Time: 10:58 AM

Peak	rt	Area
1	0.77	9,612

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
3	X	IBL	SEQ-IBL		1	9,612	0.916		0.916	< 50	accept

Notes

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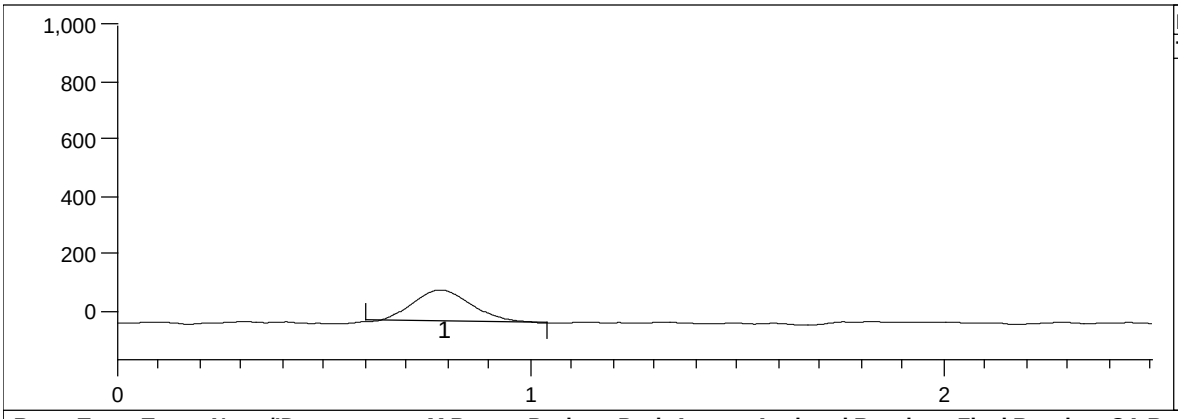
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

Date Analyzed: 8/15/12
Analyst Name: Labuser

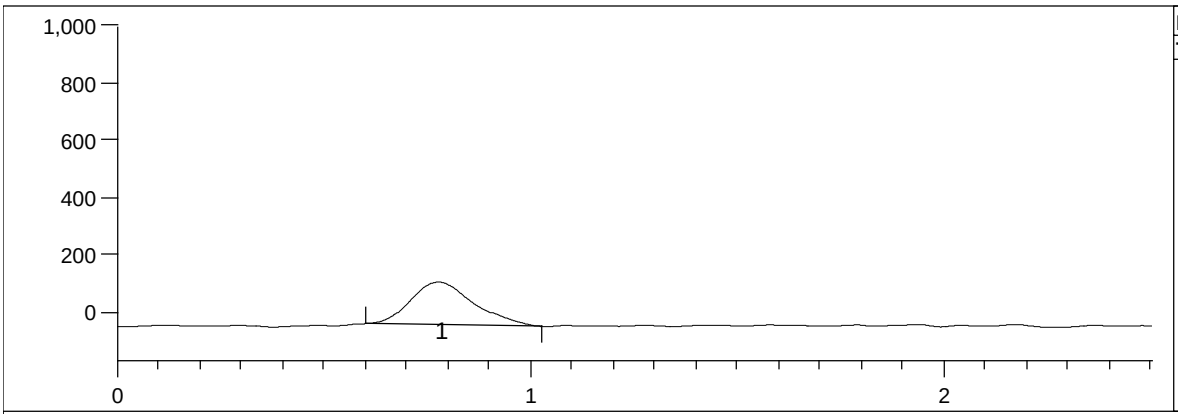


Date: 8/15/12
Time: 11:04 AM

Peak	rt	Area
1	0.78	11,895

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
4	Y	IBL	SEQ-IBL		1	11,895	1.13		1.13	< 50	accept

Notes

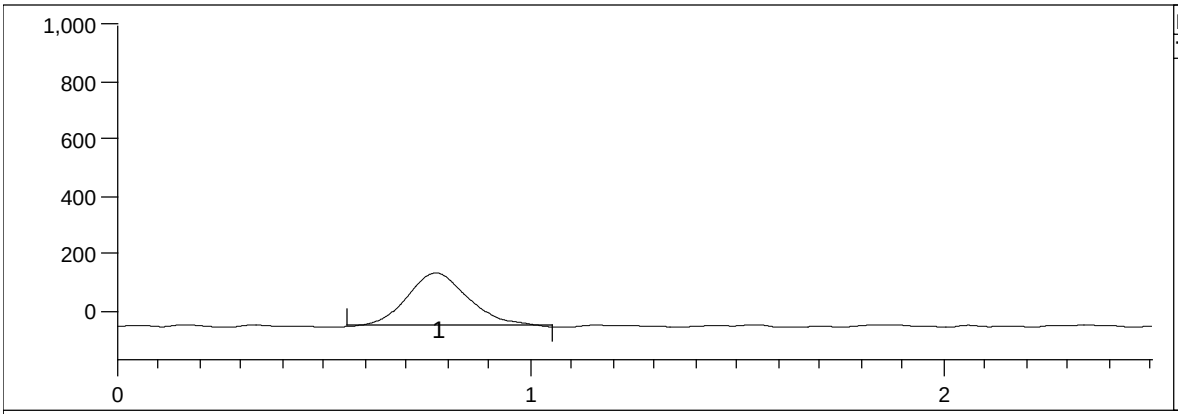


Date: 8/15/12
Time: 11:10 AM

Peak	rt	Area
1	0.77	16,174

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
5	X	IBL	SEQ-IBL		1	16,174	1.54		1.54	< 50	accept

Notes



Date: 8/15/12
Time: 11:16 AM

Peak	rt	Area
1	0.77	20,201

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
6	Y	IBL	SEQ-IBL		1	20,201	1.92		1.92	< 50	accept

Notes

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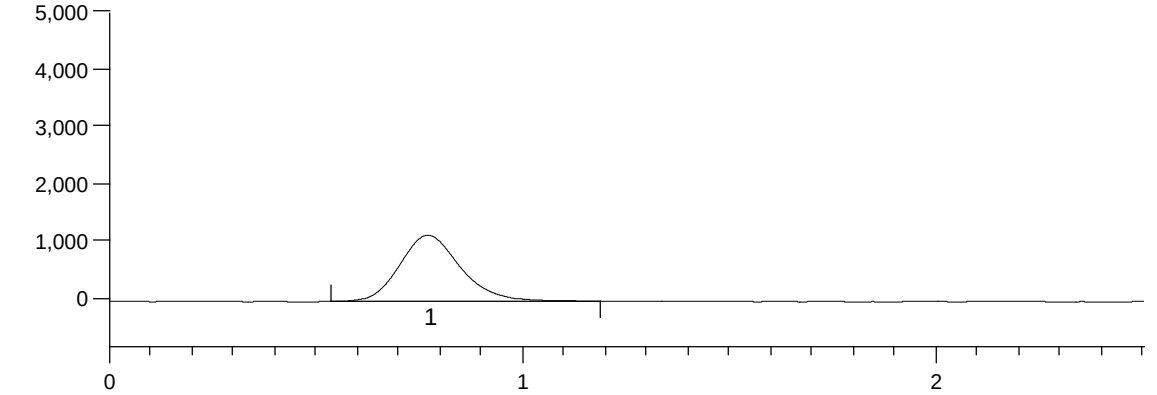
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser

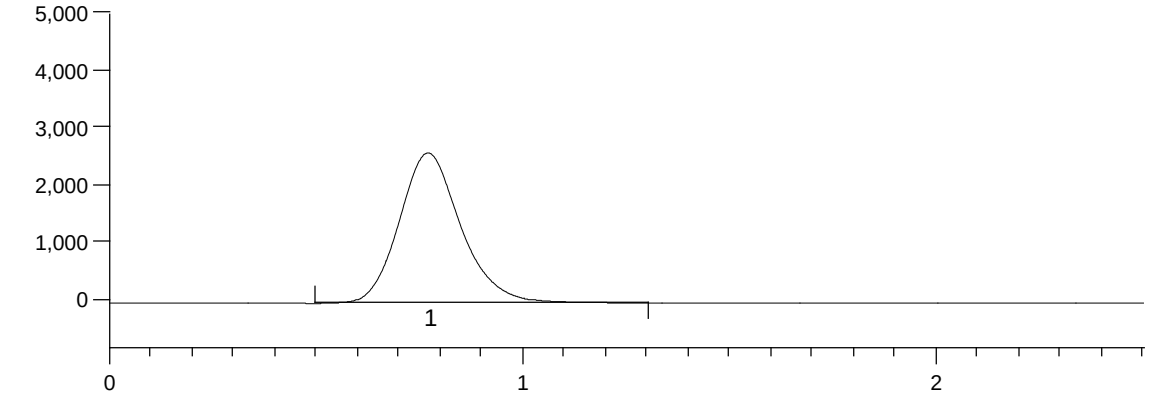


Date: 8/15/12
Time: 11:22 AM

Peak	rt	Area
1	0.77	122,185

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
7	X	STD	SEQ-CAL1		1	122,185	10.3		103	75-125	accept

Notes

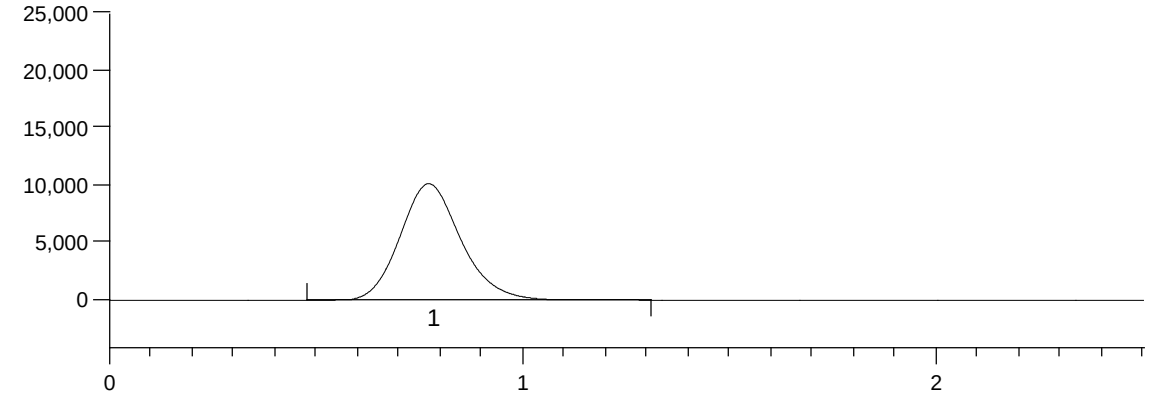


Date: 8/15/12
Time: 11:28 AM

Peak	rt	Area
1	0.77	277,481

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
8	Y	STD	SEQ-CAL2		1	277,481	25.1		100.	75-125	accept

Notes



Date: 8/15/12
Time: 11:34 AM

Peak	rt	Area
1	0.77	1,064,821

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
9	X	STD	SEQ-CAL3		1	1,064,821	100.		100.	75-125	accept

Notes

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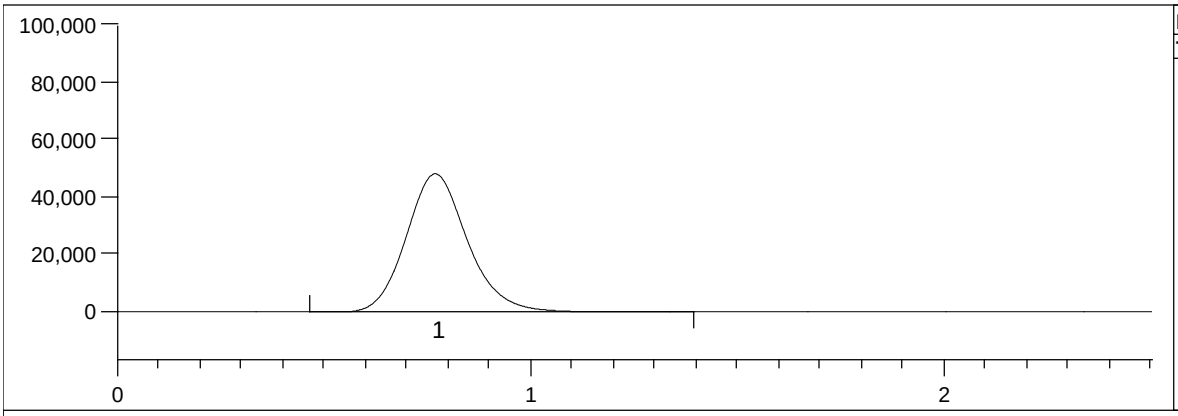
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

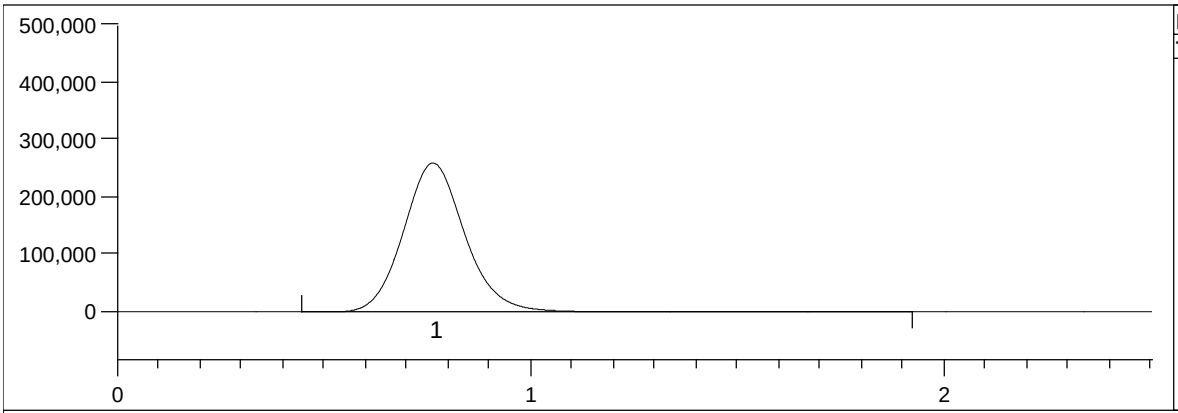
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/15/12
Time: 11:40 AM

Peak	rt	Area
1	0.76	5,015,890

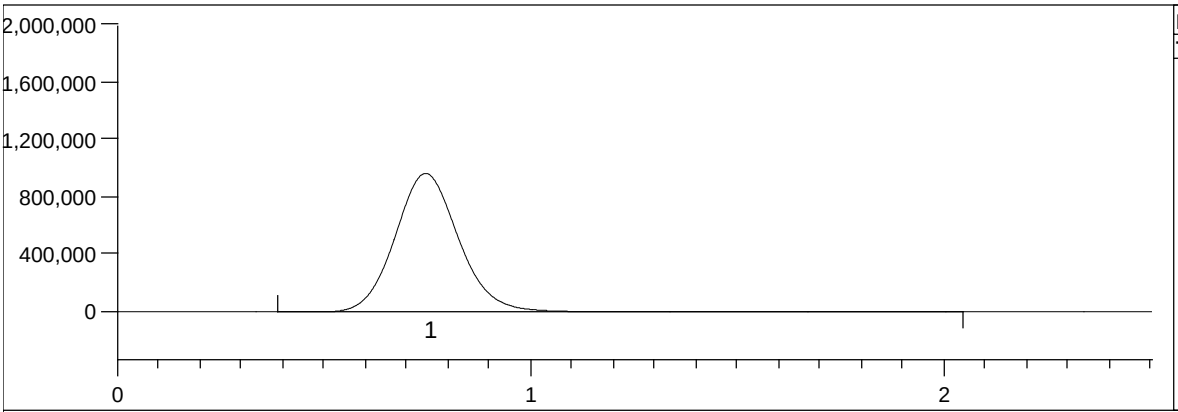
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
10	Y	STD	SEQ-CAL4		1	5,015,890	477		95.3	75-125	accept
Notes											



Date: 8/15/12
Time: 11:46 AM

Peak	rt	Area
1	0.76	27,028,694

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
11	X	STD	SEQ-CAL5		1	27,028,694	2,570		103	75-125	accept
Notes											



Date: 8/15/12
Time: 11:52 AM

Peak	rt	Area
1	0.74	104,098,802

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
12	Y	STD	SEQ-CAL6		1	104,098,802	9,920		99.2	75-125	accept
Notes											

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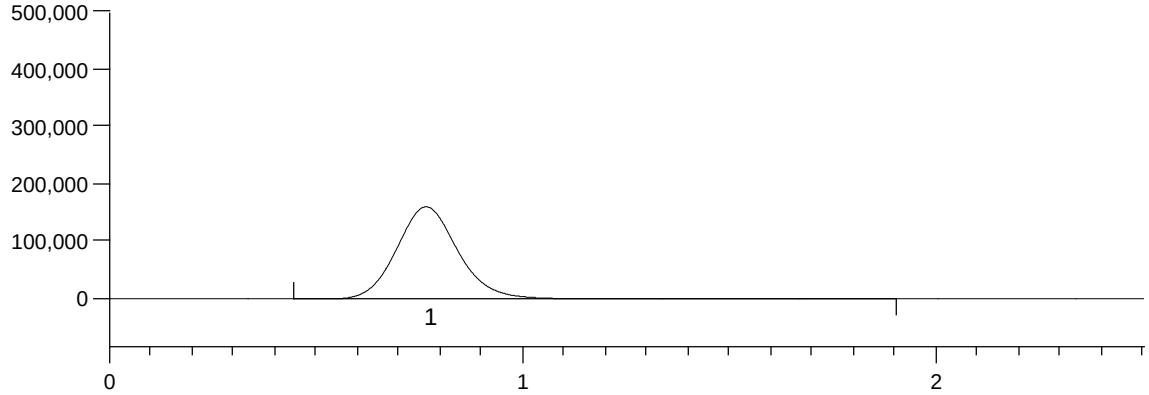
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

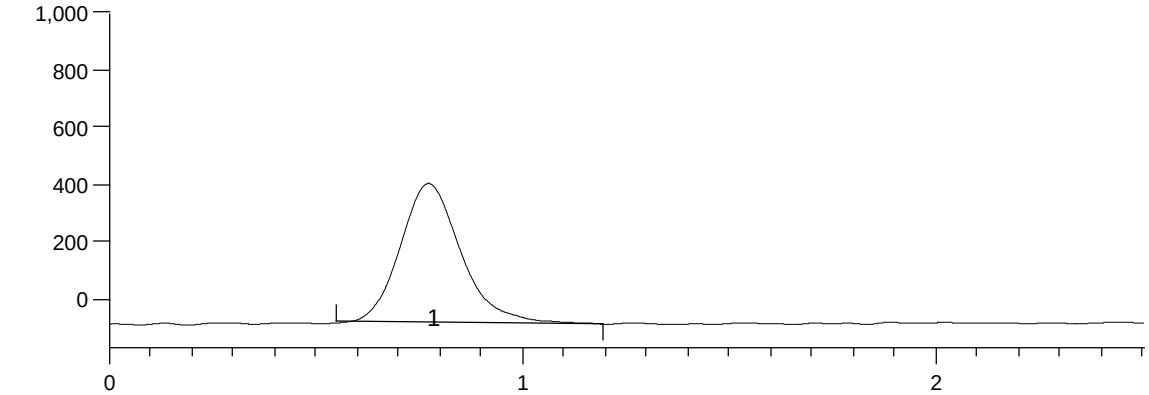
Date Analyzed: 8/15/12
Analyst Name: Labuser



Date: 8/15/12
Time: 11:58 AM

Peak	rt	Area
1	0.76	16,690,861

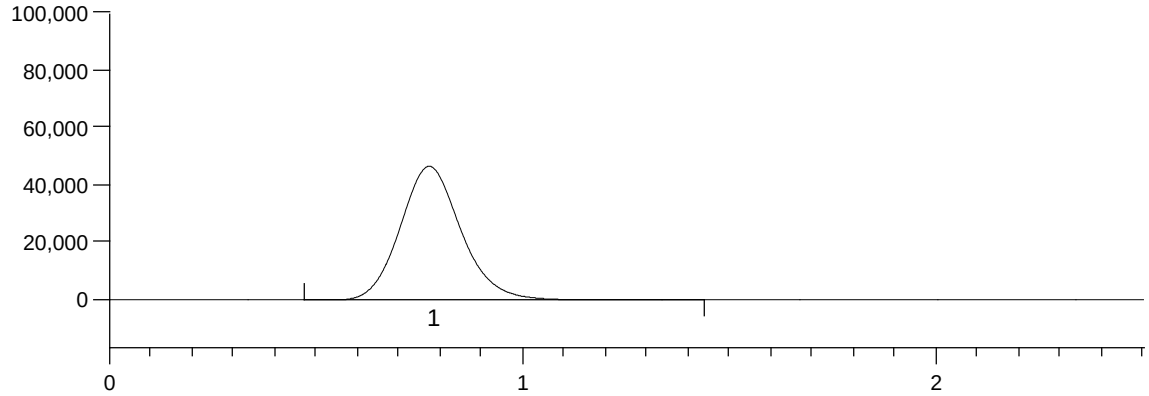
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
13	X	ICV	SEQ-ICV		1	16,690,861	1,590		101	80-120	accept
Notes											



Date: 8/15/12
Time: 12:04 PM

Peak	rt	Area
1	0.77	50,794

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
14	Y	CCB	SEQ-CCB		1	50,794	4.84		4.84	< 50	accept
Notes											



Date: 8/15/12
Time: 12:10 PM

Peak	rt	Area
1	0.77	4,824,515

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
15	X	CCV	SEQ-CCV		1	4,824,515	458		91.7	77-123	accept
Notes											

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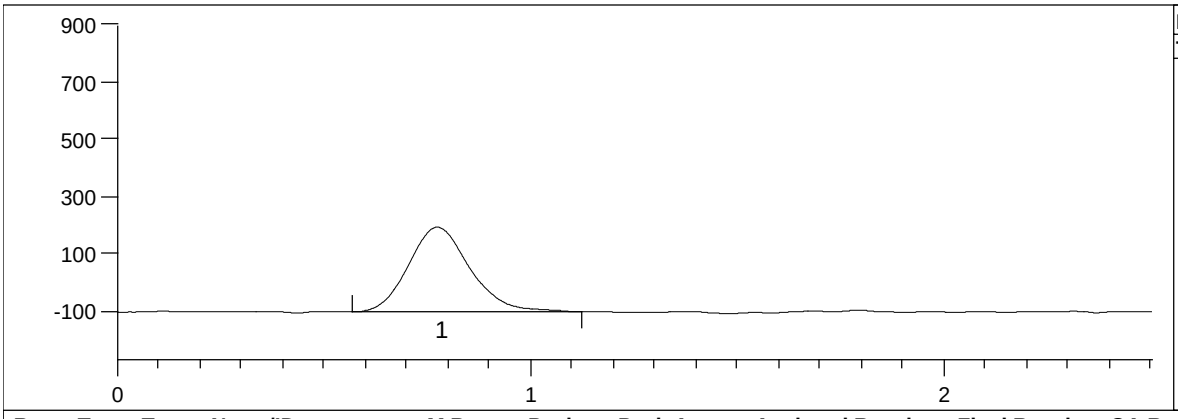
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

Date Analyzed: 8/15/12
Analyst Name: Labuser

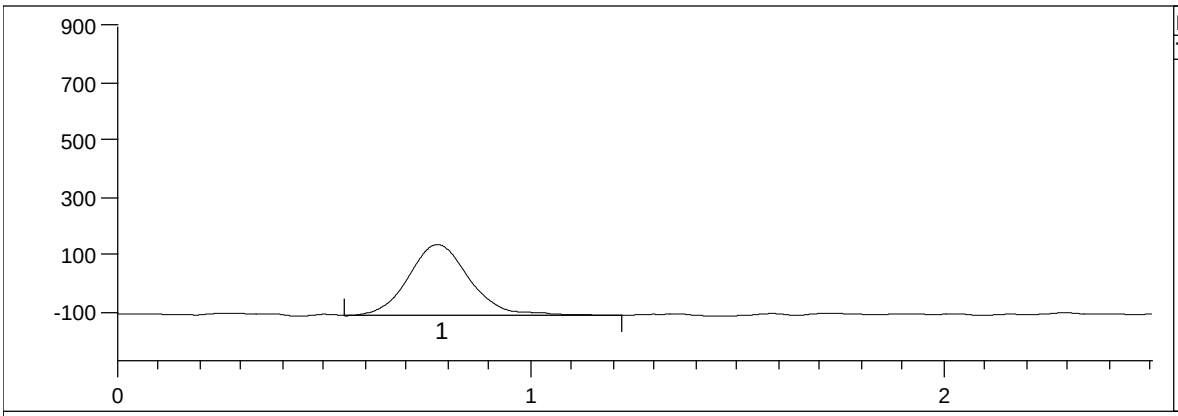


Date: 8/15/12
Time: 12:16 PM

Peak	rt	Area
1	0.77	30,800

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
16	Y	CCB	SEQ-CCB		1	30,800	2.93		2.93	< 50	accept

Notes

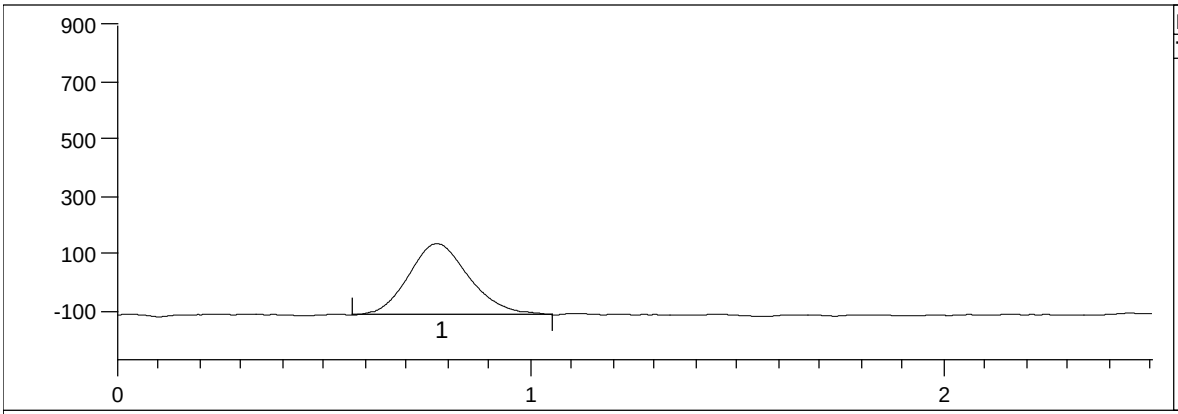


Date: 8/15/12
Time: 12:22 PM

Peak	rt	Area
1	0.77	26,668

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
17	X	CCB	SEQ-CCB		1	26,668	2.54		2.54	< 50	accept

Notes



Date: 8/15/12
Time: 12:28 PM

Peak	rt	Area
1	0.77	26,023

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
18	Y	CCB	SEQ-CCB		1	26,023	2.48		2.48	< 50	accept

Notes

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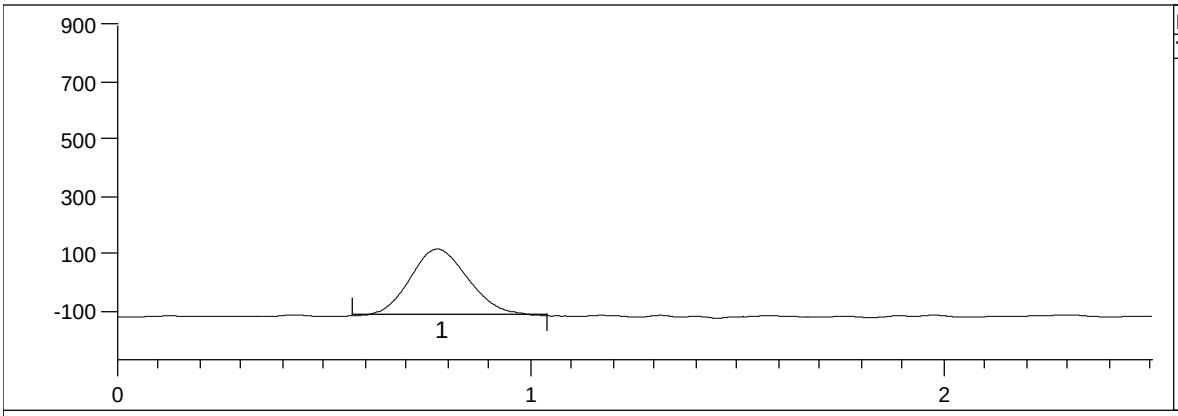
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

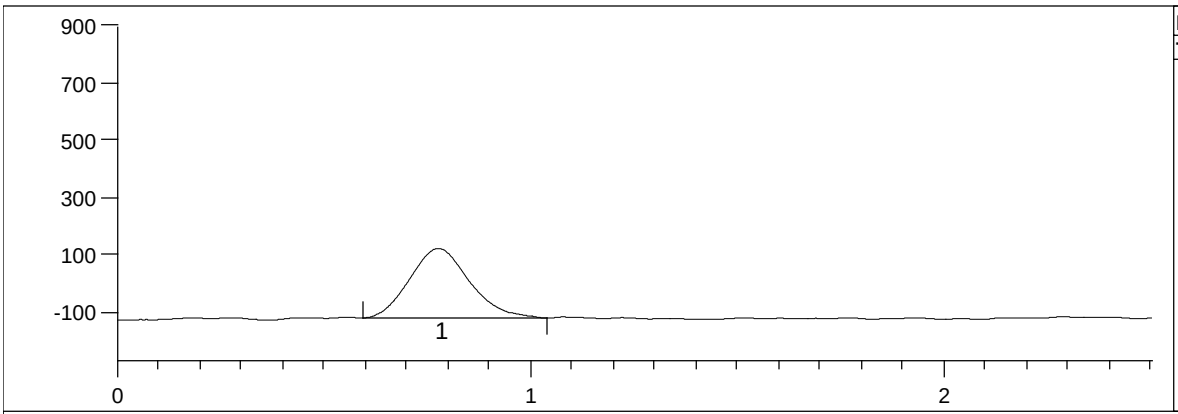
Date Analyzed: 8/15/12
Analyst Name: Labuser



Date: 8/15/12
Time: 12:34 PM

Peak	rt	Area
1	0.77	23,780

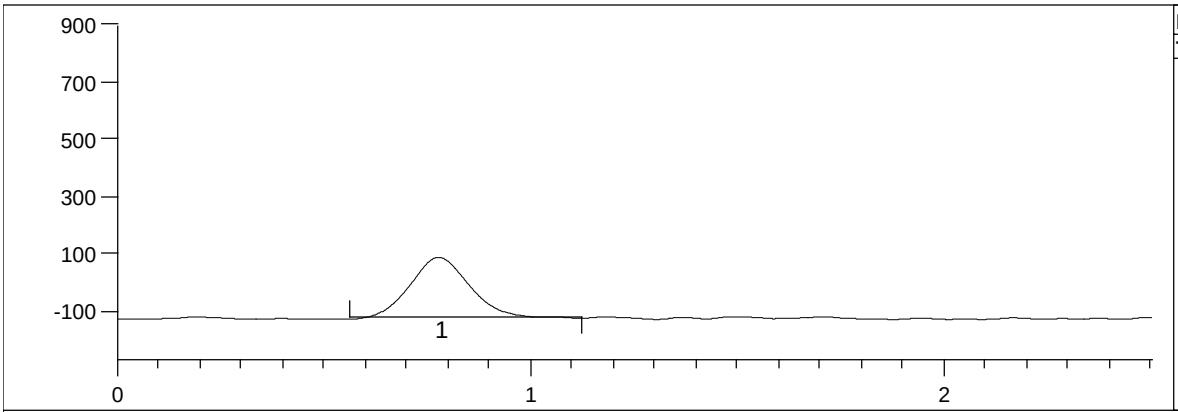
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
19	X	S	B121433-BLK1		1	23,780	0.887	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 12:40 PM

Peak	rt	Area
1	0.77	24,743

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
20	Y	S	B121433-BLK2		1	24,743	0.979	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 12:46 PM

Peak	rt	Area
1	0.77	22,591

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
21	X	S	B121433-BLK3		1	22,591	0.774	0.00		< HS	accept
Notes											

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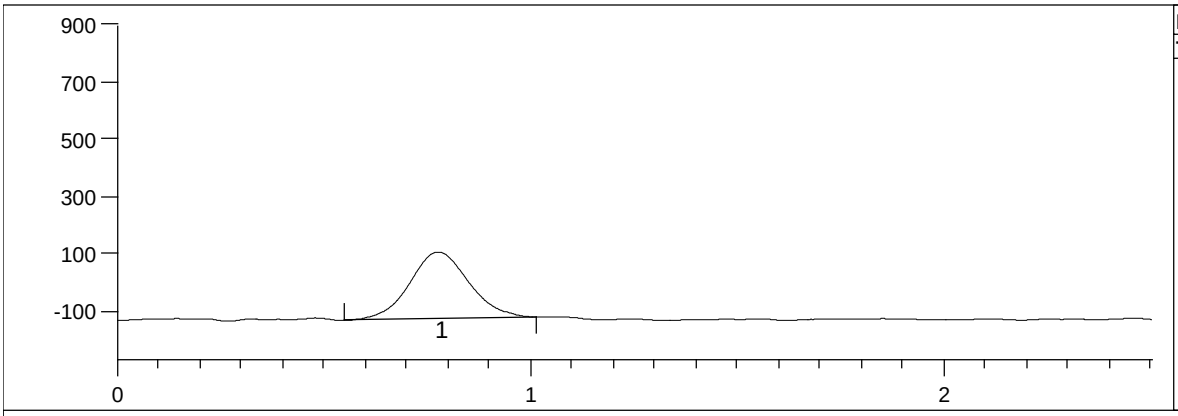
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

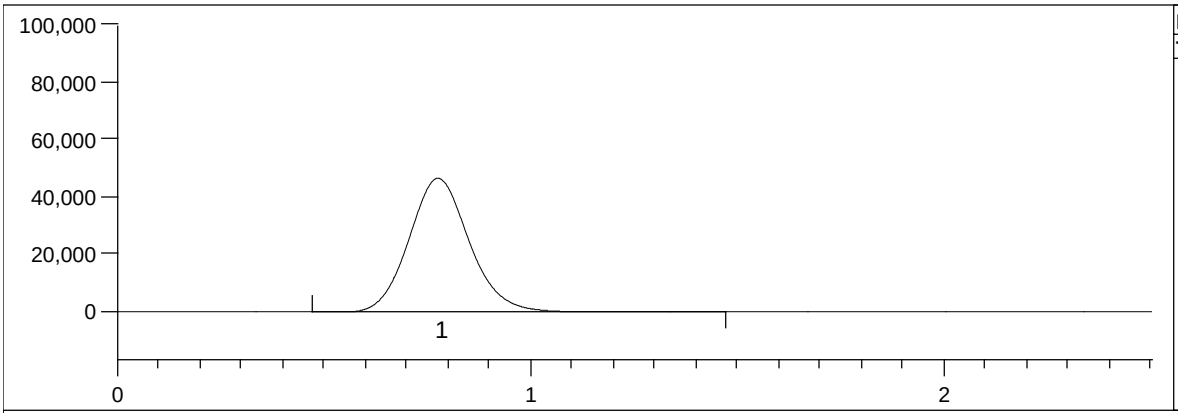
Date Analyzed: 8/15/12
Analyst Name: Labuser



Date: 8/15/12
Time: 12:52 PM

Peak	rt	Area
1	0.77	23,938

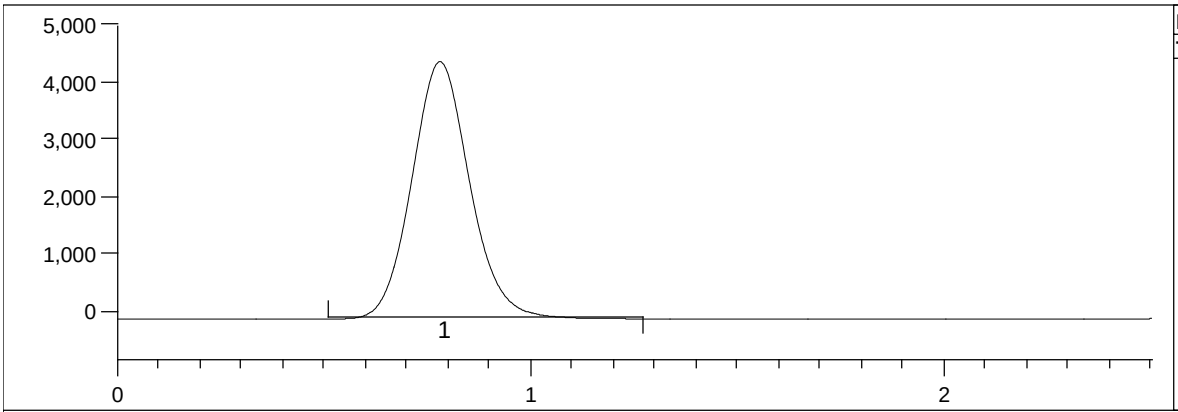
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
22	Y	S	B121433-BLK4		1	23,938	0.902	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 12:58 PM

Peak	rt	Area
1	0.77	4,799,781

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
23	X	S	B121433-SRM1		1	4,799,781	456	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 1:04 PM

Peak	rt	Area
1	0.78	443,145

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
24	Y	S	1232003-01		1	443,145	40.8	0.00		< HS	accept
Notes											

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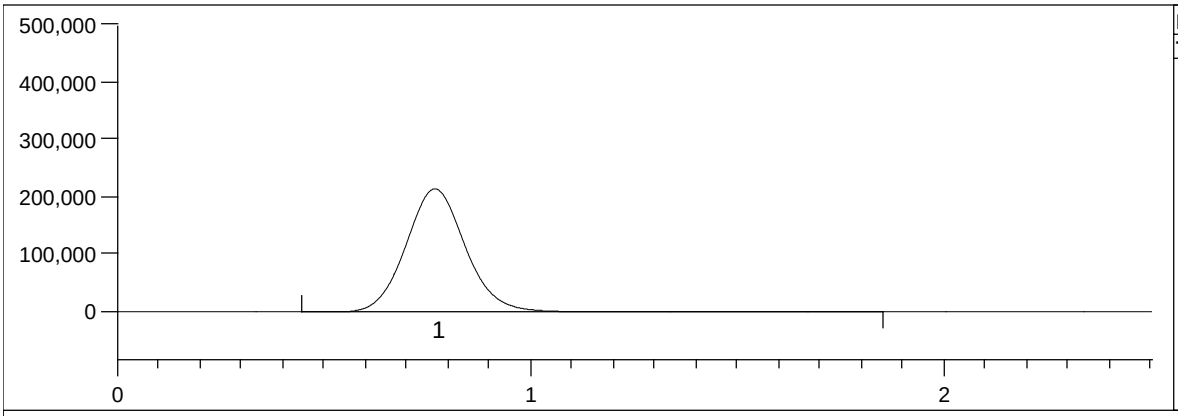
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

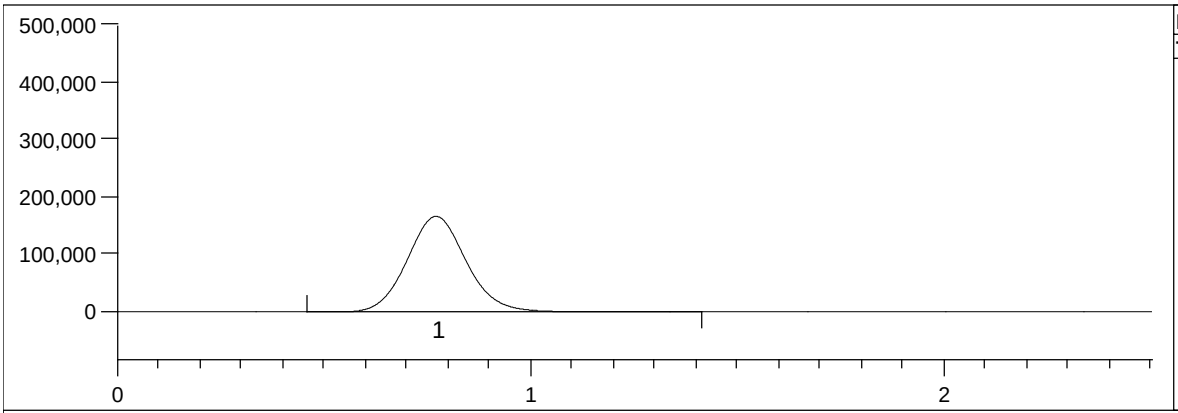
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/15/12
Time: 1:10 PM

Peak	rt	Area
1	0.76	21,664,172

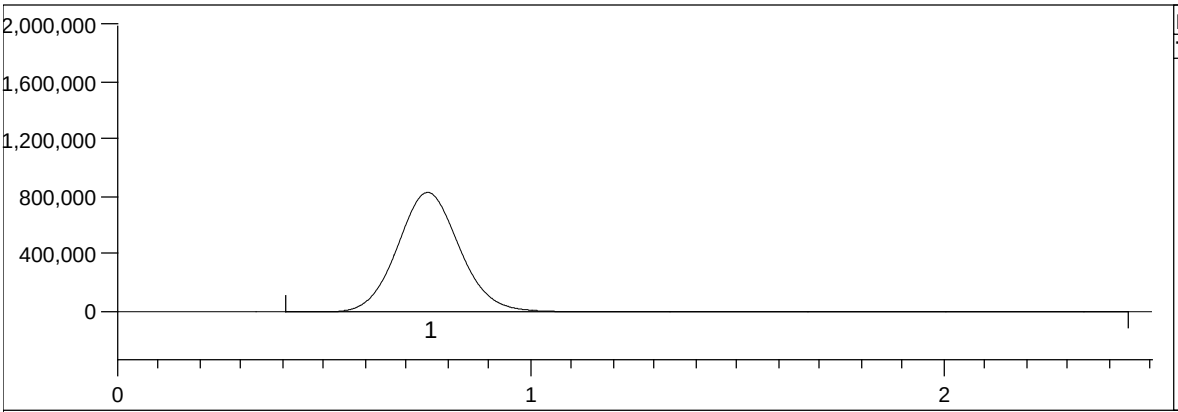
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
25	X	S	1232025-01		1	21,664,172	2,060	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 1:16 PM

Peak	rt	Area
1	0.77	16,733,994

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
26	Y	S	B121433-DUP1		1	16,733,994	1,590	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 1:22 PM

Peak	rt	Area
1	0.75	88,020,327

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
27	X	S	B121433-MS1		1	88,020,327	8,390	0.00		< HS	accept
Notes											

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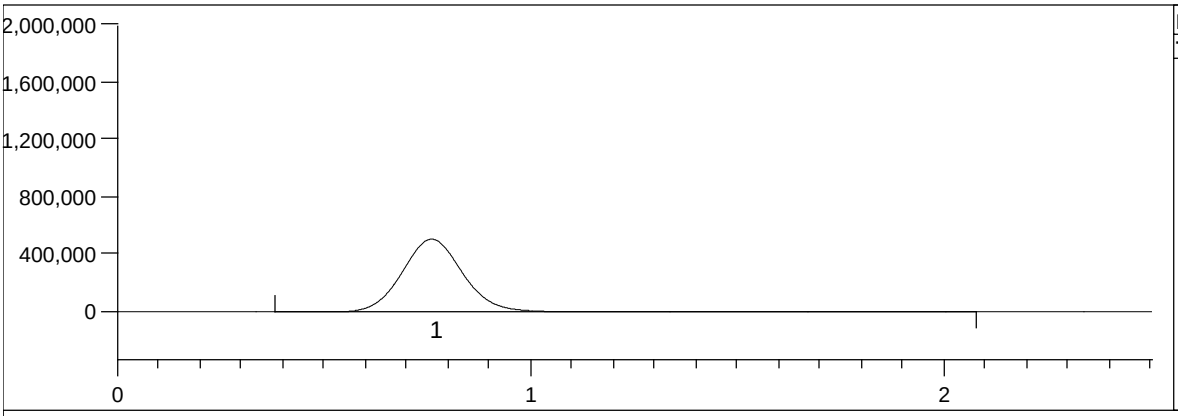
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

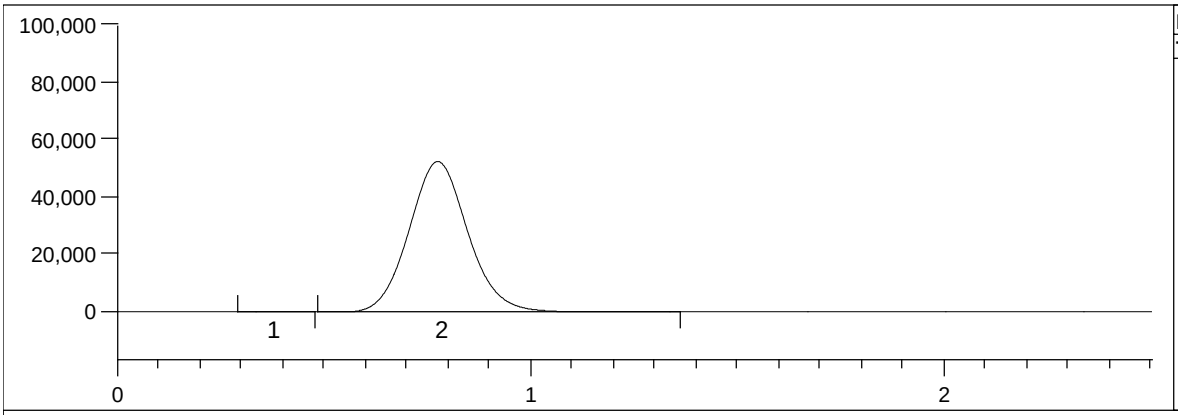
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/15/12
Time: 1:28 PM

Peak	rt	Area
1	0.76	52,203,738

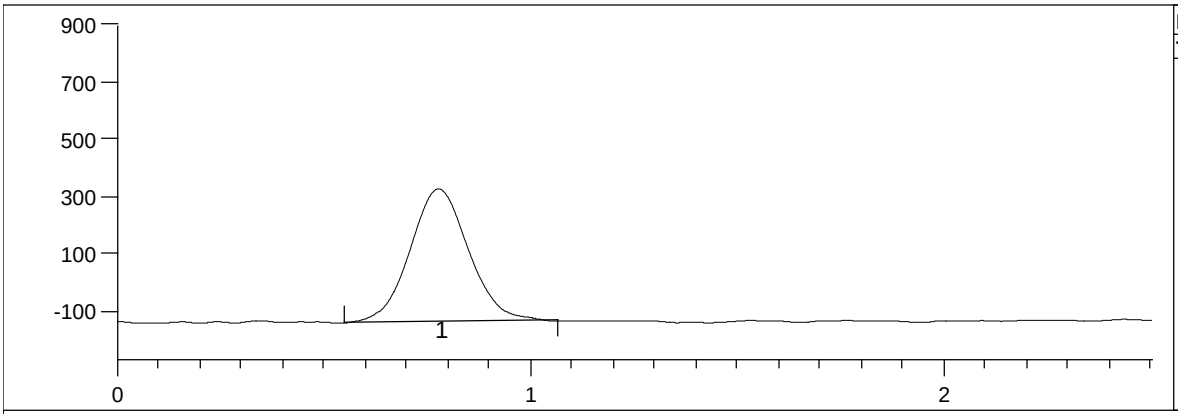
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
28	Y	S	B121433-MSD1		1	52,203,738	4,970	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 1:34 PM

Peak	rt	Area
1	0.36	547
2	0.77	5,254,652

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
29	X	CCV	SEQ-CCV		2	5,254,652	499		99.9	77-123	accept
Notes											



Date: 8/15/12
Time: 1:40 PM

Peak	rt	Area
1	0.77	46,810

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
30	Y	CCB	SEQ-CCB		1	46,810	4.46		4.46	< 50	accept
Notes											

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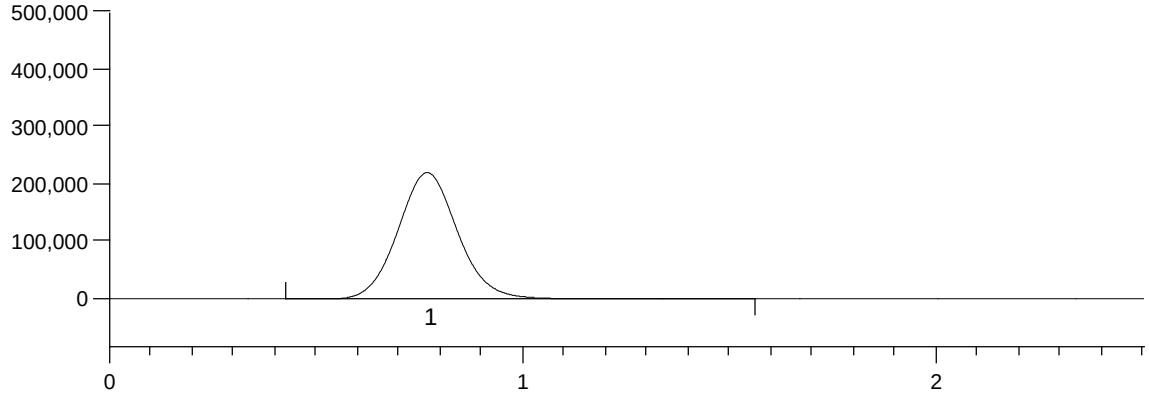
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

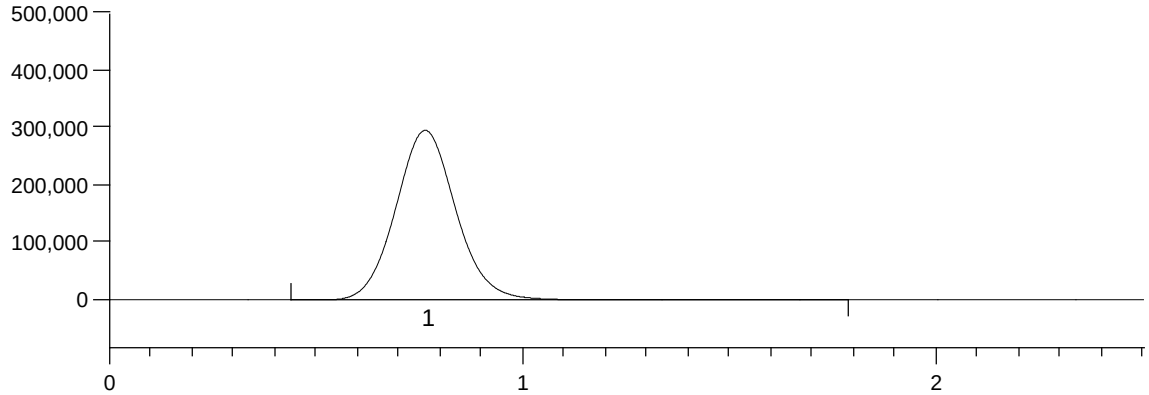
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/15/12
Time: 1:46 PM

Peak	rt	Area
1	0.76	22,317,204

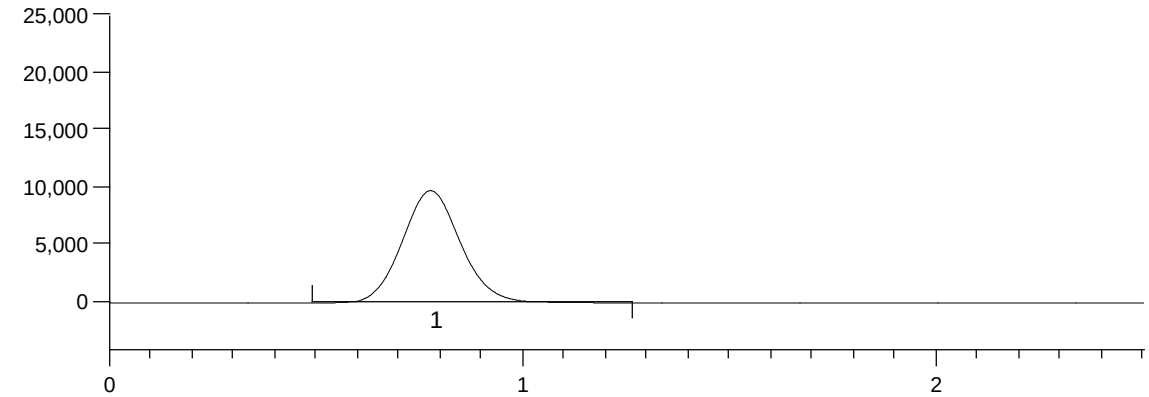
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
31	X	S	1232025-02		1	22,317,204	2,130	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 1:52 PM

Peak	rt	Area
1	0.76	30,142,673

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
32	Y	S	1232025-03		1	30,142,673	2,870	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 1:58 PM

Peak	rt	Area
1	0.77	980,805

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
33	X	S	1232028-01		1	980,805	92.1	0.00		< HS	accept
Notes											

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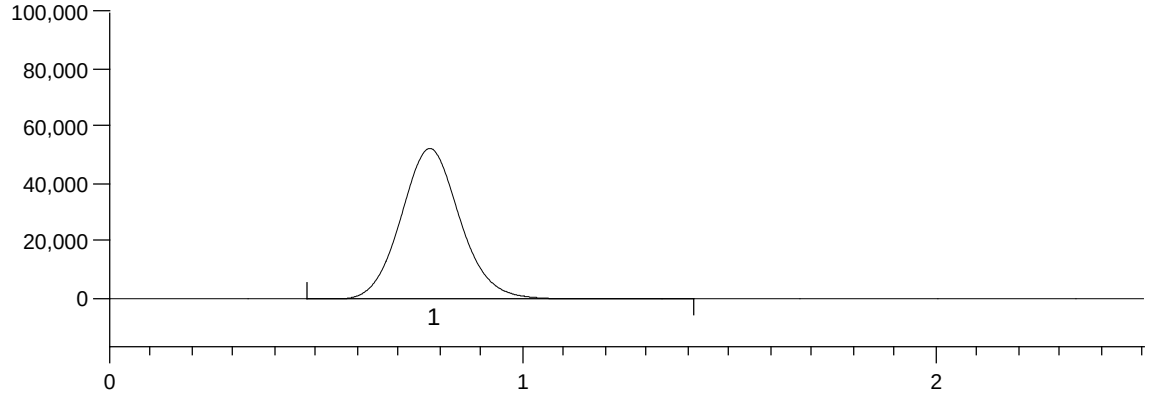
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

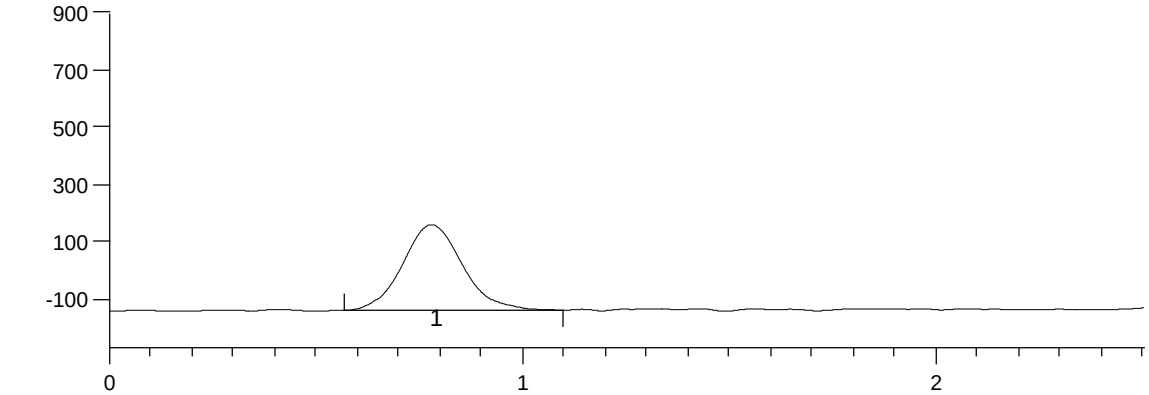
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/15/12
Time: 2:04 PM

Peak	rt	Area
1	0.77	5,278,490

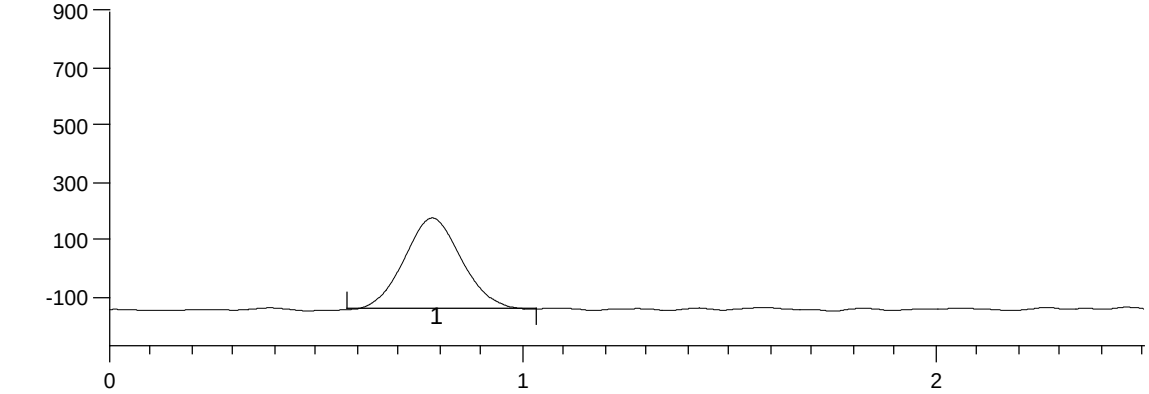
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
34	Y	CCV	SEQ-CCV		1	5,278,490	502		100.	77-123	accept
Notes											



Date: 8/15/12
Time: 2:10 PM

Peak	rt	Area
1	0.78	30,706

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
35	X	CCB	SEQ-CCB		1	30,706	2.93		2.93	< 50	accept
Notes											



Date: 8/15/12
Time: 2:16 PM

Peak	rt	Area
1	0.78	31,393

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
36	Y	S	B121426-BLK1		1	31,393	1.61	0.00		< HS	accept
Notes											

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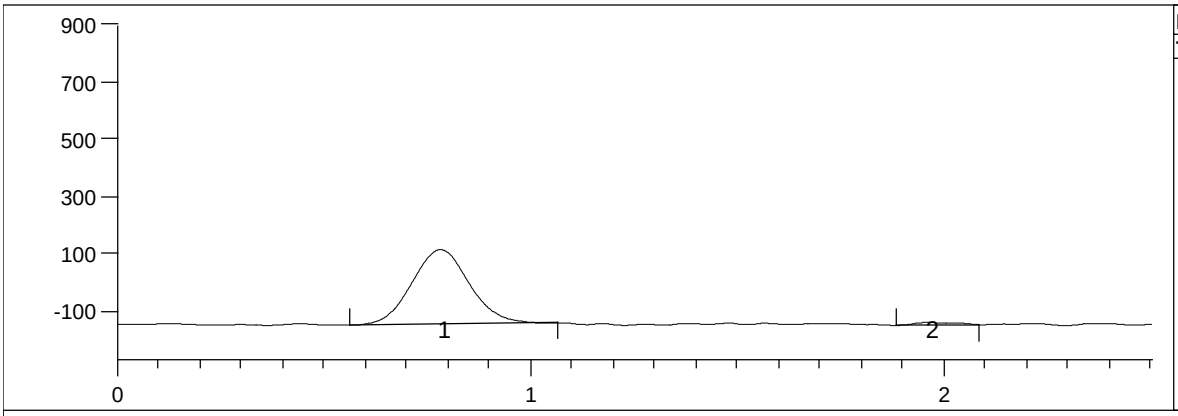
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

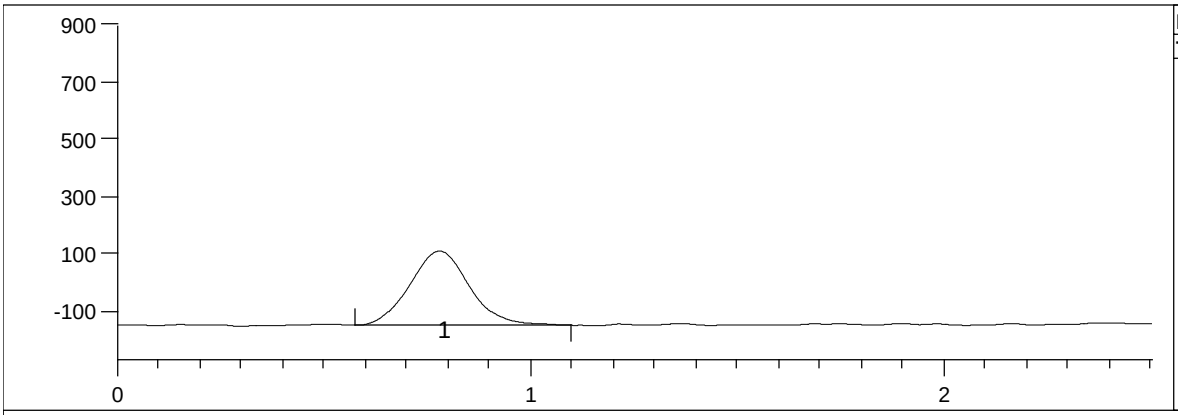
Date Analyzed: 8/15/12
Analyst Name: Labuser



Date: 8/15/12
Time: 2:22 PM

Peak	rt	Area
1	0.78	26,088
2	1.96	752

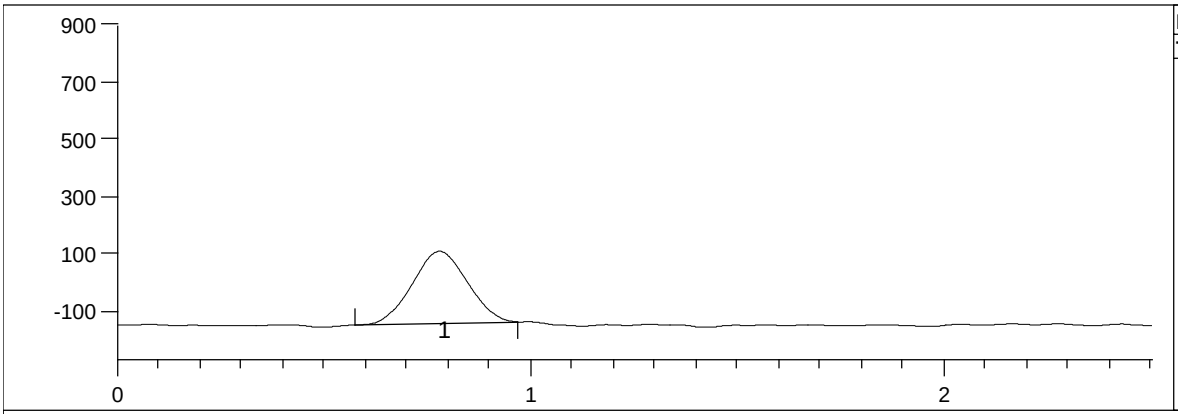
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
37	X	S	B121426-BLK2		1	26,088	1.11	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 2:28 PM

Peak	rt	Area
1	0.78	26,461

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
38	Y	S	B121426-BLK3		1	26,461	1.14	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 2:34 PM

Peak	rt	Area
1	0.78	23,990

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
39	X	S	B121426-BLK4		1	23,990	0.907	0.00		< HS	accept
Notes											

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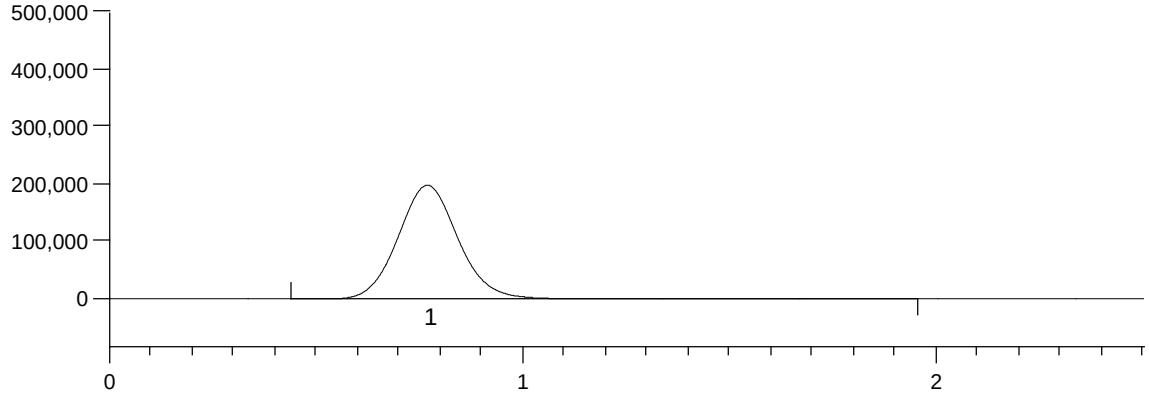
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

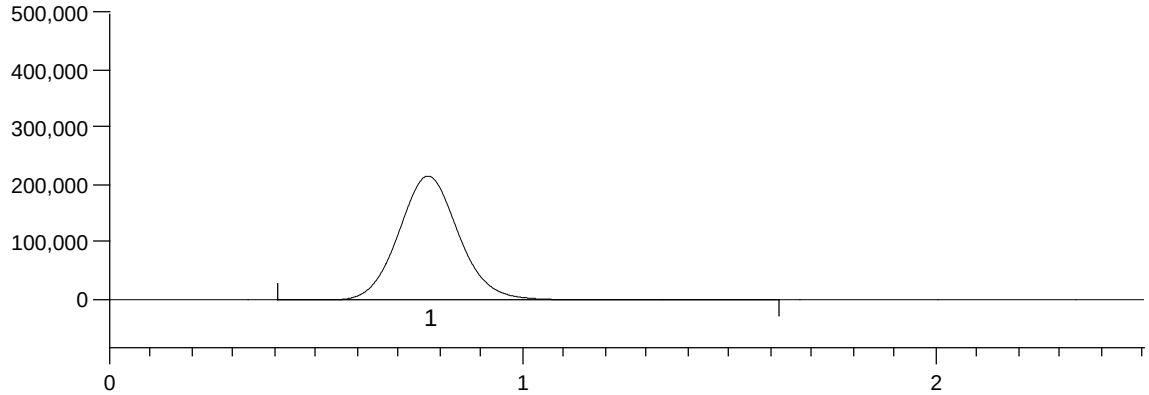
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/15/12
Time: 2:40 PM

Peak	rt	Area
1	0.76	20,200,528

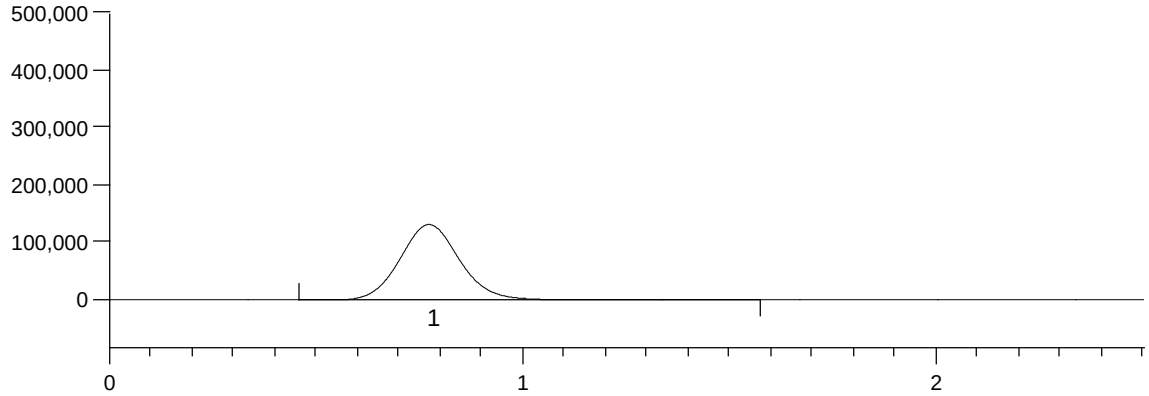
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
40	Y	S	B121426-SRM1		1	20,200,528	1,920	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 2:46 PM

Peak	rt	Area
1	0.77	22,012,691

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
41	X	S	B121426-SRM2		1	22,012,691	2,100	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 2:52 PM

Peak	rt	Area
1	0.77	13,323,177

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
42	Y	S	1232023-01		1	13,323,177	1,270	0.00		< HS	accept
Notes											

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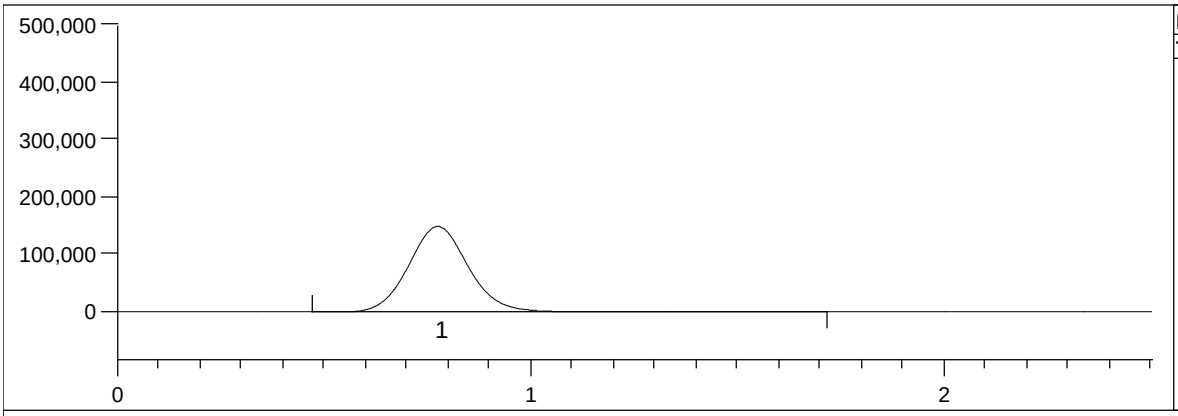
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

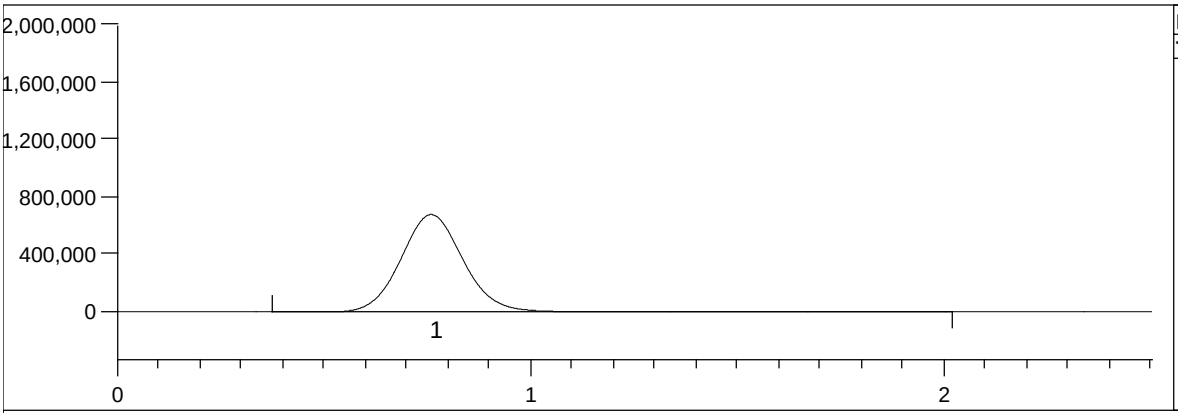
Date Analyzed: 8/15/12
Analyst Name: Labuser



Date: 8/15/12
Time: 2:58 PM

Peak	rt	Area
1	0.77	15,121,537

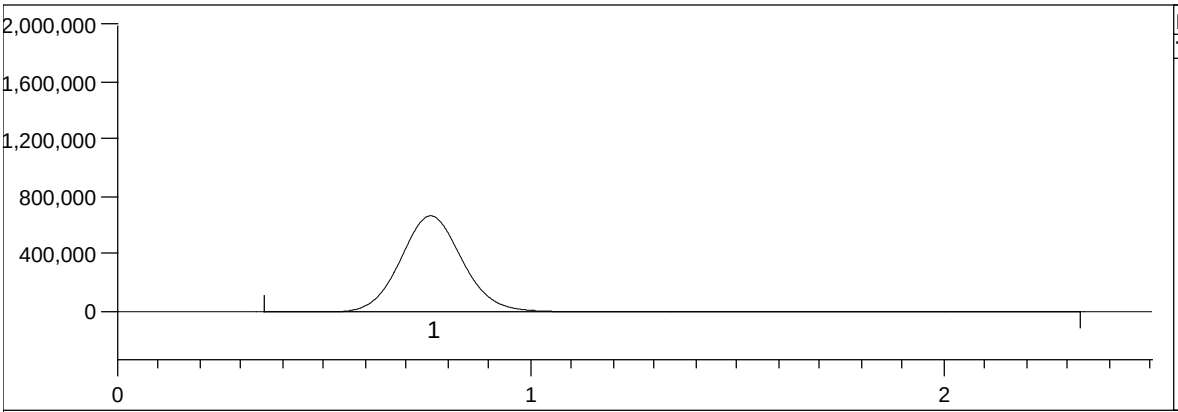
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
43	X	S	B121426-DUP1		1	15,121,537	1,440	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 3:04 PM

Peak	rt	Area
1	0.76	71,673,446

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
44	Y	S	B121426-MS1		1	71,673,446	6,830	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 3:10 PM

Peak	rt	Area
1	0.75	70,555,061

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
45	X	S	B121426-MSD1		1	70,555,061	6,720	0.00		< HS	accept
Notes											

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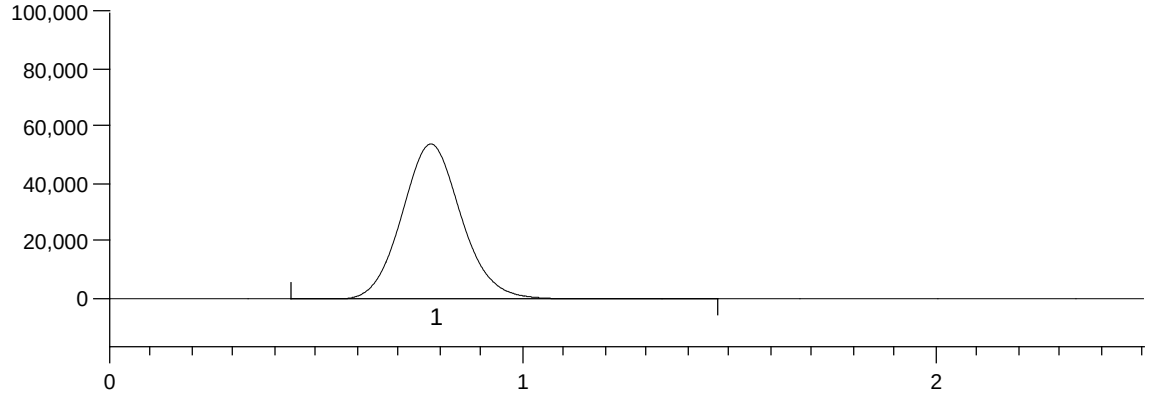
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

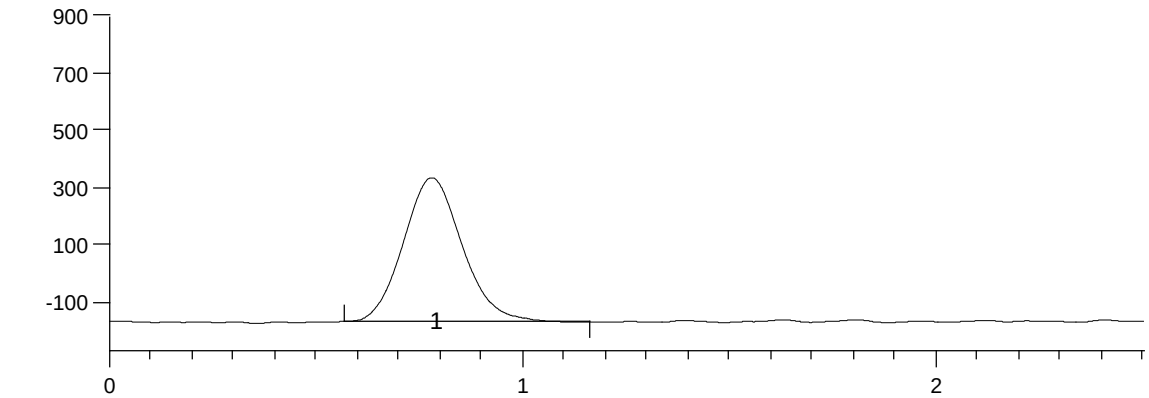
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/15/12
Time: 3:16 PM

Peak	rt	Area
1	0.77	5,476,919

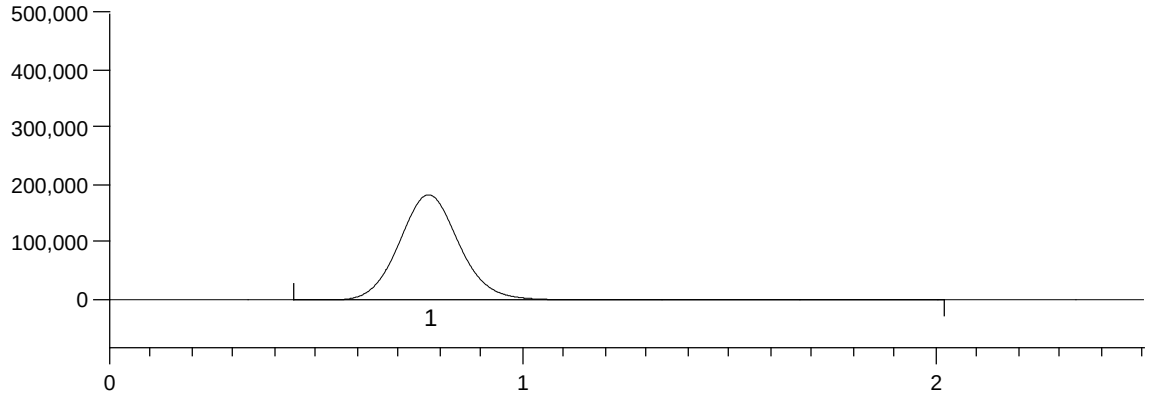
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
46	Y	CCV	SEQ-CCV		1	5,476,919	520.		104	77-123	accept
Notes											



Date: 8/15/12
Time: 3:22 PM

Peak	rt	Area
1	0.78	50,294

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
47	X	CCB	SEQ-CCB		1	50,294	4.79		4.79	< 50	accept
Notes											



Date: 8/15/12
Time: 3:28 PM

Peak	rt	Area
1	0.77	18,717,263

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
48	Y	S	1232023-02		1	18,717,263	1,780	0.00		< HS	accept
Notes											

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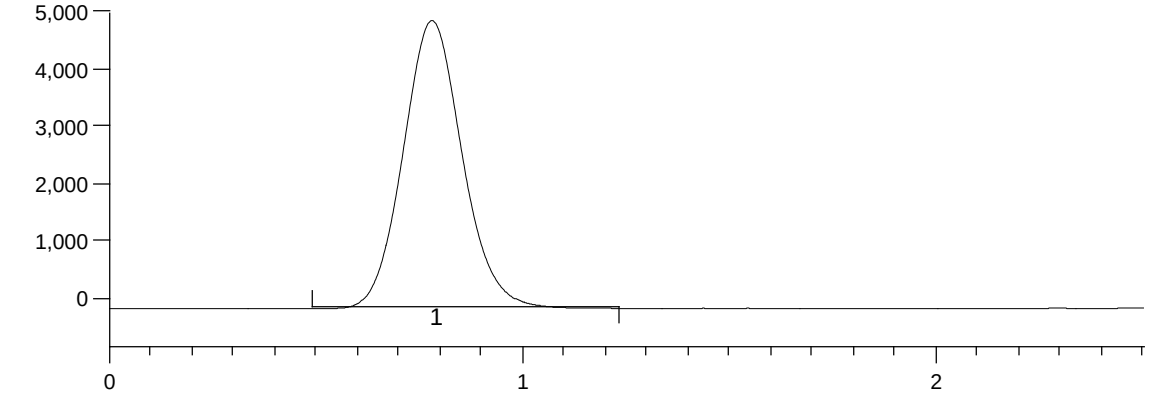
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

Date Analyzed: 8/15/12
Analyst Name: Labuser

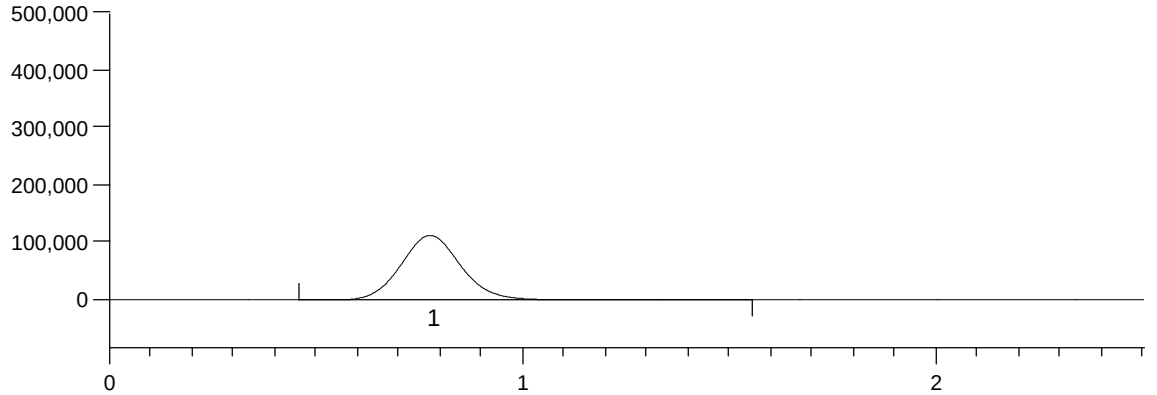


Date: 8/15/12
Time: 3:34 PM

Peak	rt	Area
1	0.78	506,964

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
49	X	S	1232023-03		1	506,964	46.9	0.00		< HS	accept

Notes

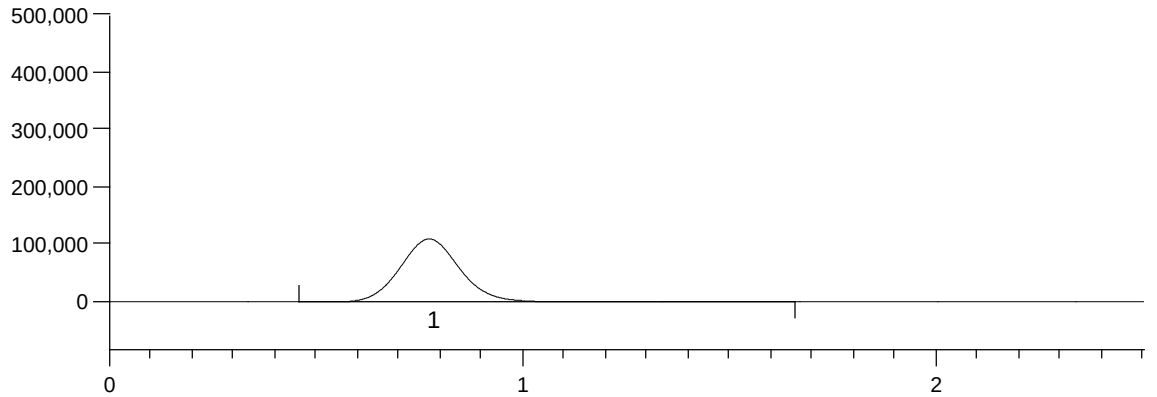


Date: 8/15/12
Time: 3:40 PM

Peak	rt	Area
1	0.77	11,452,427

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
50	Y	S	1232023-04		1	11,452,427	1,090	0.00		< HS	accept

Notes



Date: 8/15/12
Time: 3:46 PM

Peak	rt	Area
1	0.77	11,142,646

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
51	X	S	B121426-DUP2		1	11,142,646	1,060	0.00		< HS	accept

Notes

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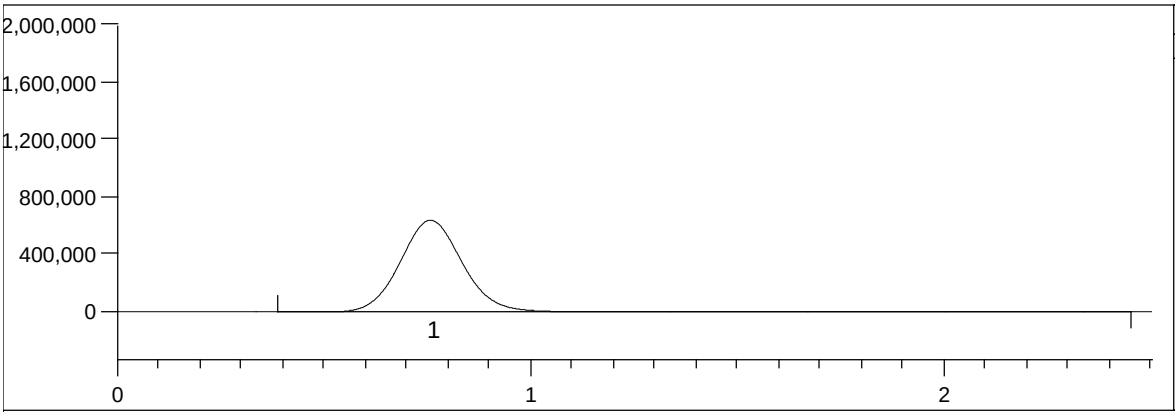
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

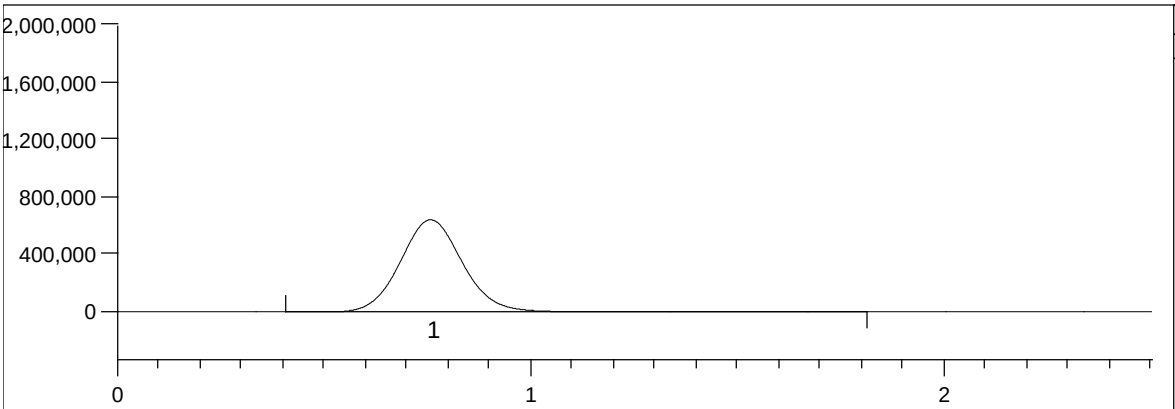
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/15/12
Time: 3:52 PM

Peak	rt	Area
1	0.75	67,514,329

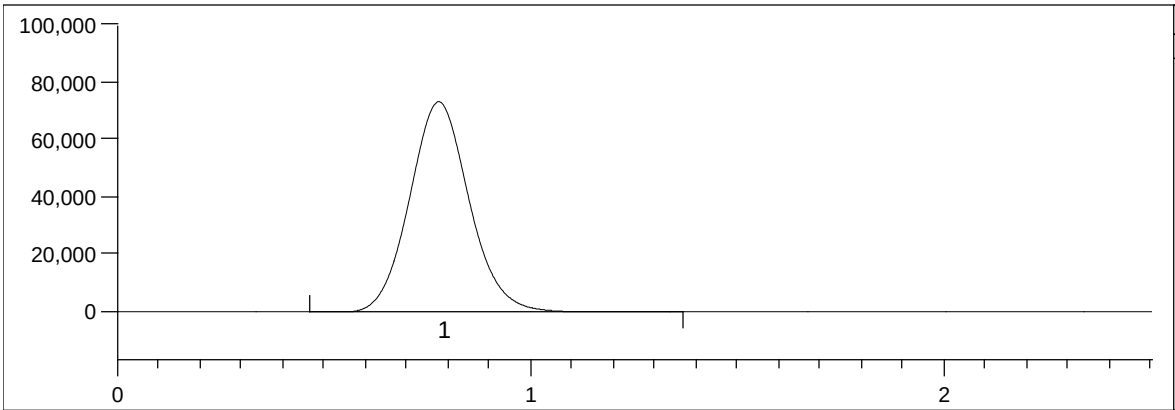
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
52	Y	S	B121426-MS2		1	67,514,329	6,430	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 3:58 PM

Peak	rt	Area
1	0.75	67,782,598

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
53	X	S	B121426-MSD2		1	67,782,598	6,460	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 4:04 PM

Peak	rt	Area
1	0.77	7,433,967

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
54	Y	S	1232023-05		1	7,433,967	707	0.00		< HS	accept
Notes											

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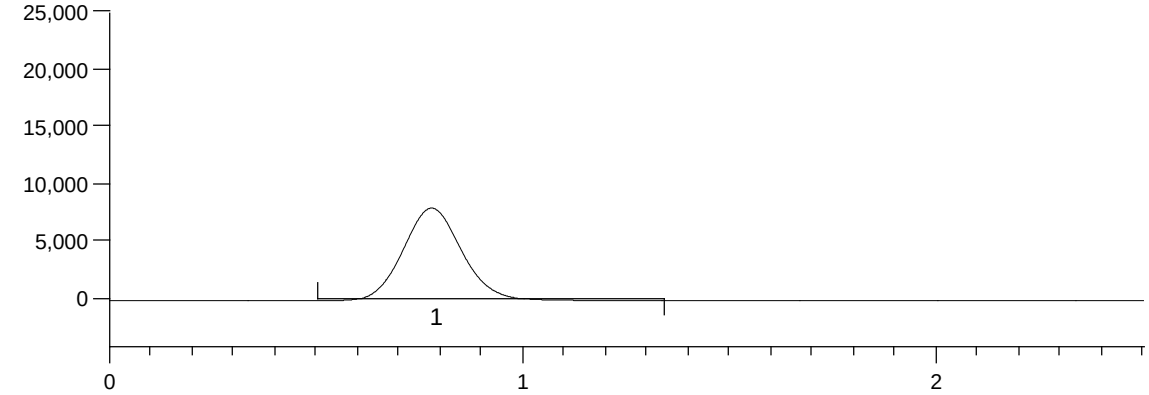
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

Date Analyzed: 8/15/12
Analyst Name: Labuser

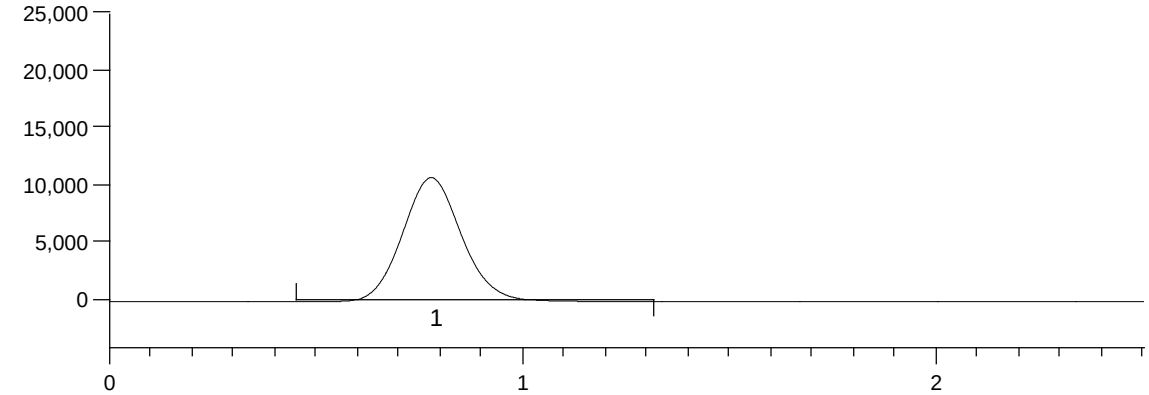


Date: 8/15/12
Time: 4:10 PM

Peak	rt	Area
1	0.78	819,310

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
55	X	S	1232023-06		1	819,310	76.7	0.00		< HS	accept

Notes

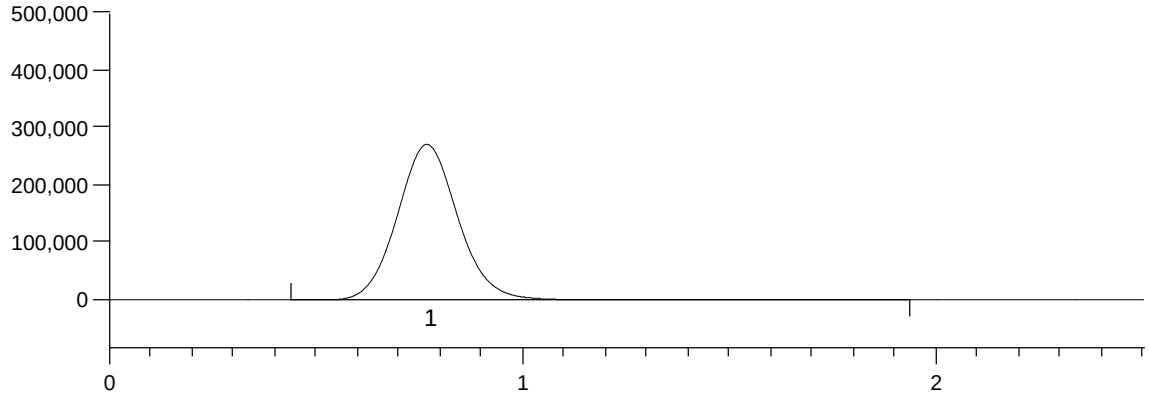


Date: 8/15/12
Time: 4:16 PM

Peak	rt	Area
1	0.77	1,100,403

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
56	Y	S	1232023-07		1	1,100,403	103	0.00		< HS	accept

Notes



Date: 8/15/12
Time: 4:22 PM

Peak	rt	Area
1	0.76	27,891,458

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
57	X	S	1232023-08		1	27,891,458	2,660	0.00		< HS	accept

Notes

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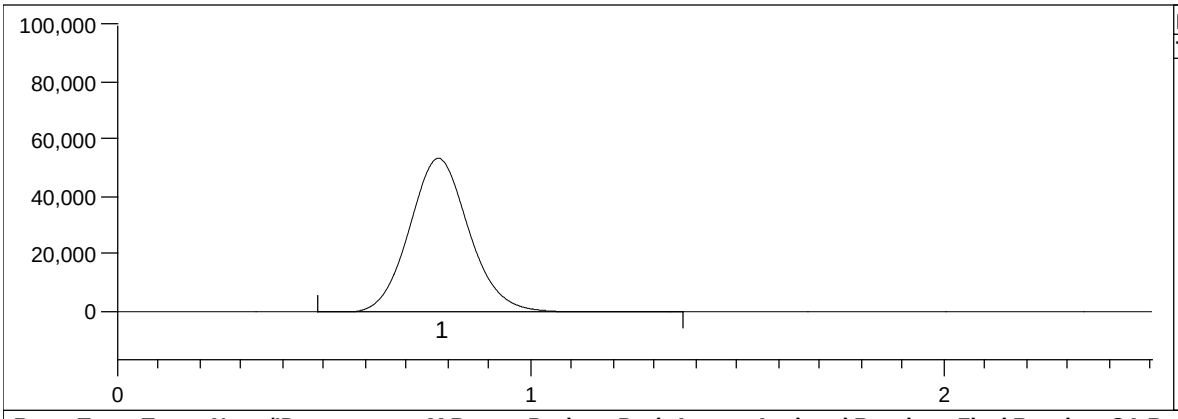
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

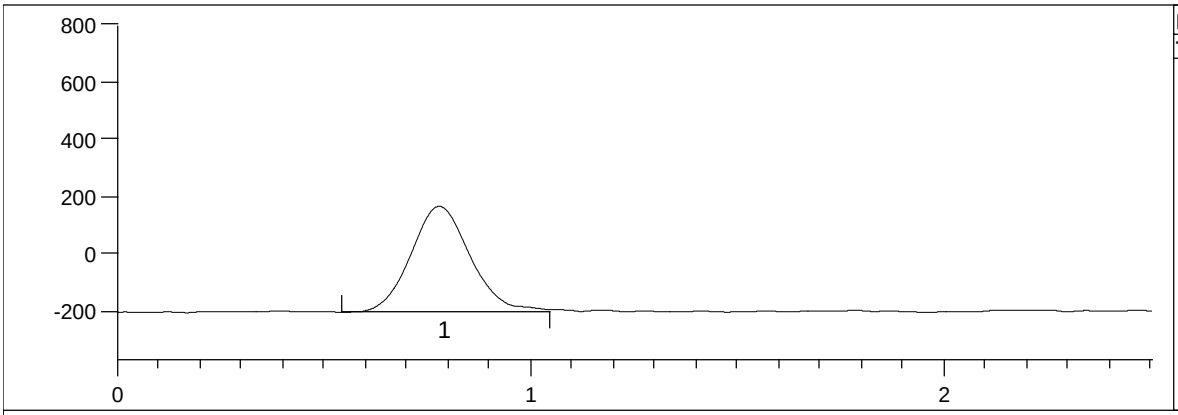
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/15/12
Time: 4:28 PM

Peak	rt	Area
1	0.77	5,453,812

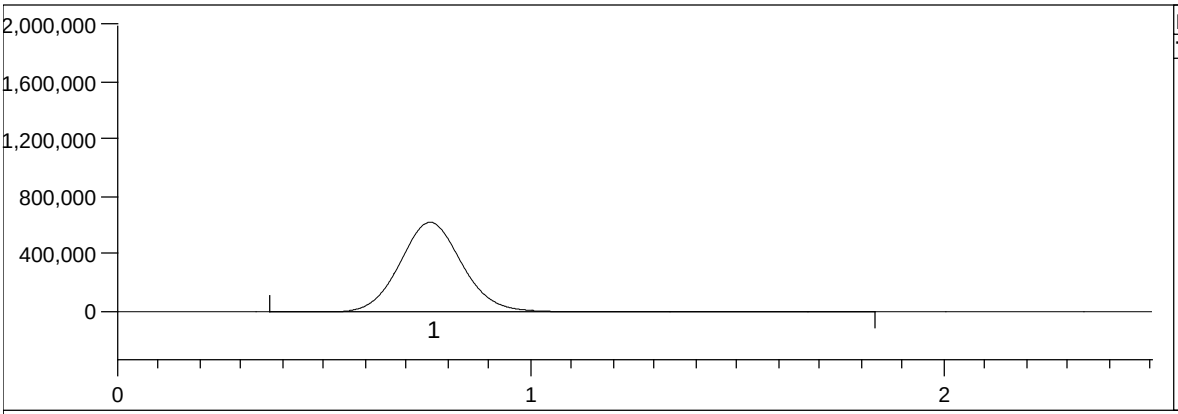
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
58	Y	CCV	SEQ-CCV		1	5,453,812	518		104	77-123	accept
Notes											



Date: 8/15/12
Time: 4:34 PM

Peak	rt	Area
1	0.77	36,615

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
59	X	CCB	SEQ-CCB		1	36,615	3.49		3.49	< 50	accept
Notes											



Date: 8/15/12
Time: 4:40 PM

Peak	rt	Area
1	0.75	66,123,961

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
60	Y	S	1232023-09		1	66,123,961	6,300	0.00		< HS	accept
Notes											

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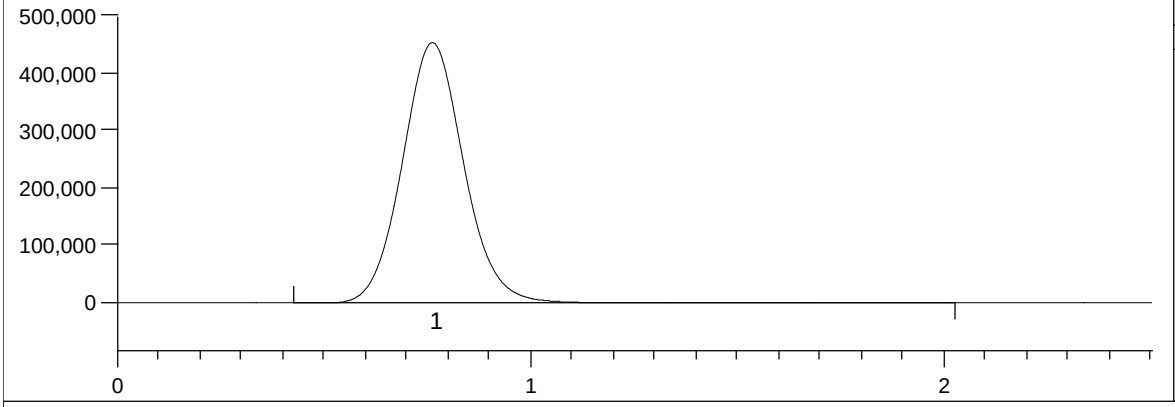
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

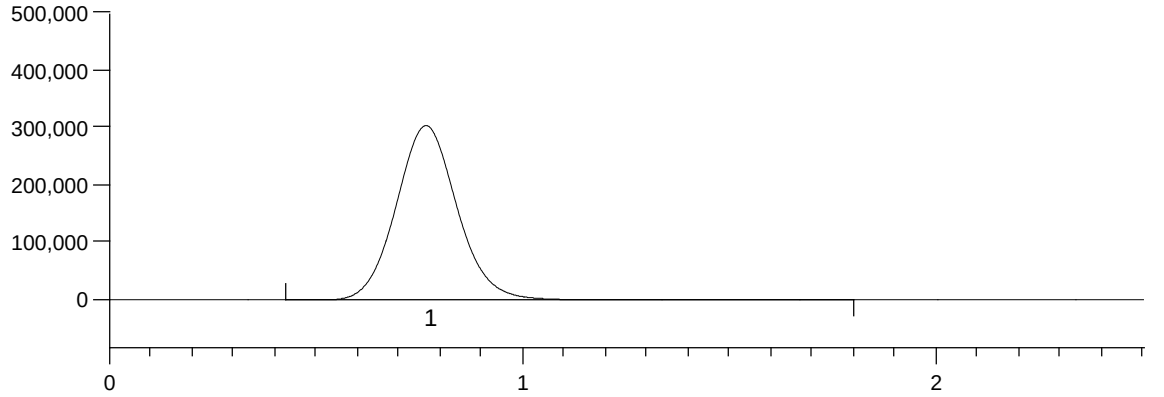
Date Analyzed: 8/15/12
Analyst Name: Labuser



Date: 8/15/12
Time: 4:46 PM

Peak	rt	Area
1	0.76	47,264,090

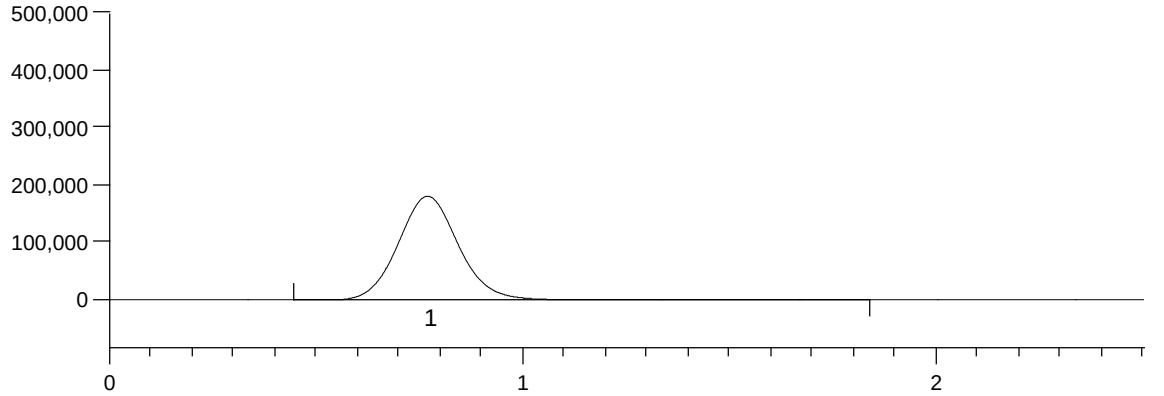
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
61	X	S	1232023-10		1	47,264,090	4,500	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 4:52 PM

Peak	rt	Area
1	0.76	31,398,778

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
62	Y	S	1232023-11		1	31,398,778	2,990	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 4:58 PM

Peak	rt	Area
1	0.76	18,491,546

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
63	X	S	1232023-12		1	18,491,546	1,760	0.00		< HS	accept
Notes											

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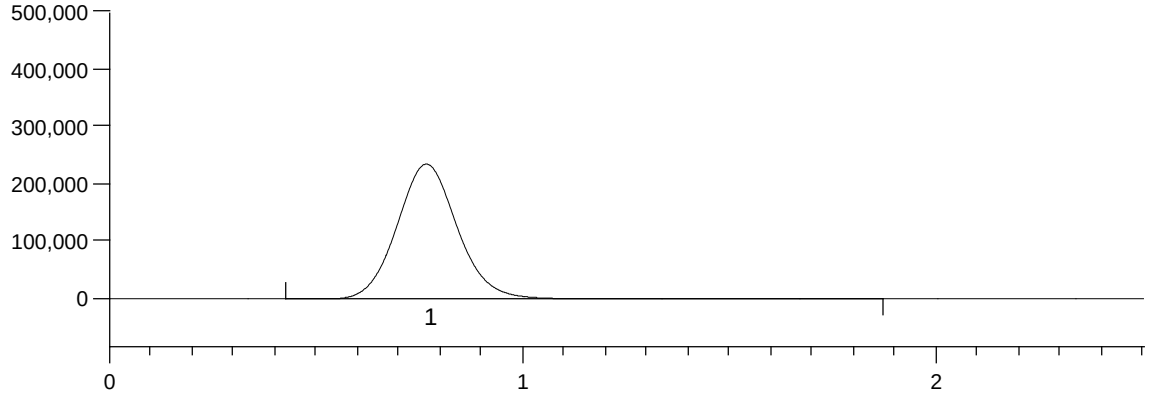
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

Date Analyzed: 8/15/12
Analyst Name: Labuser

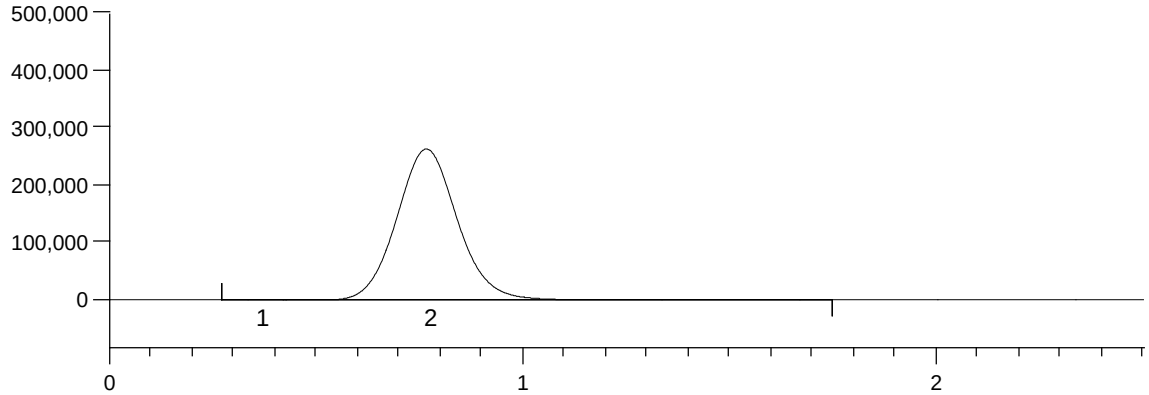


Date: 8/15/12
Time: 5:04 PM

Peak	rt	Area
1	0.76	24,090,687

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
64	Y	S	1232023-13		1	24,090,687	2,290	0.00		< HS	accept

Notes

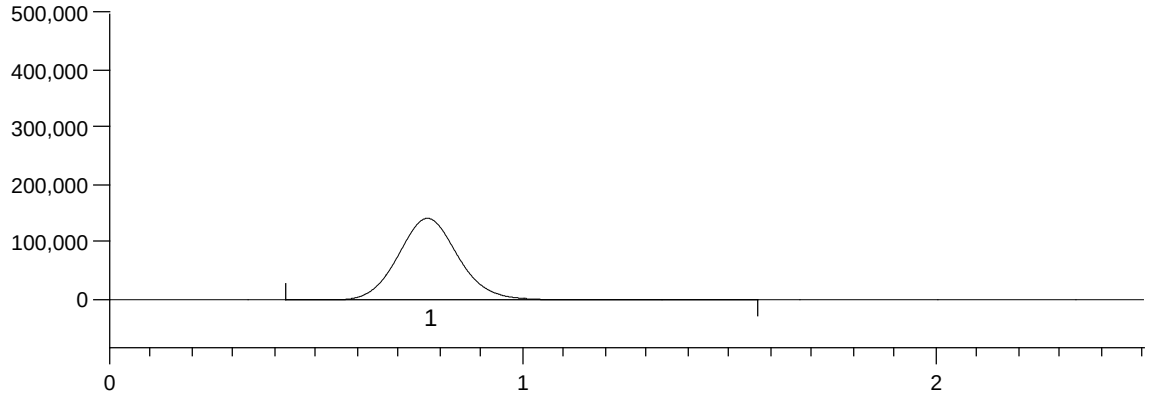


Date: 8/15/12
Time: 5:10 PM

Peak	rt	Area
1	0.36	464
2	0.76	27,080,331

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
65	X	S	1232023-14		2	27,080,331	2,580	0.00		< HS	accept

Notes



Date: 8/15/12
Time: 5:16 PM

Peak	rt	Area
1	0.76	14,548,238

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
66	Y	S	1232023-15		1	14,548,238	1,380	0.00		< HS	accept

Notes

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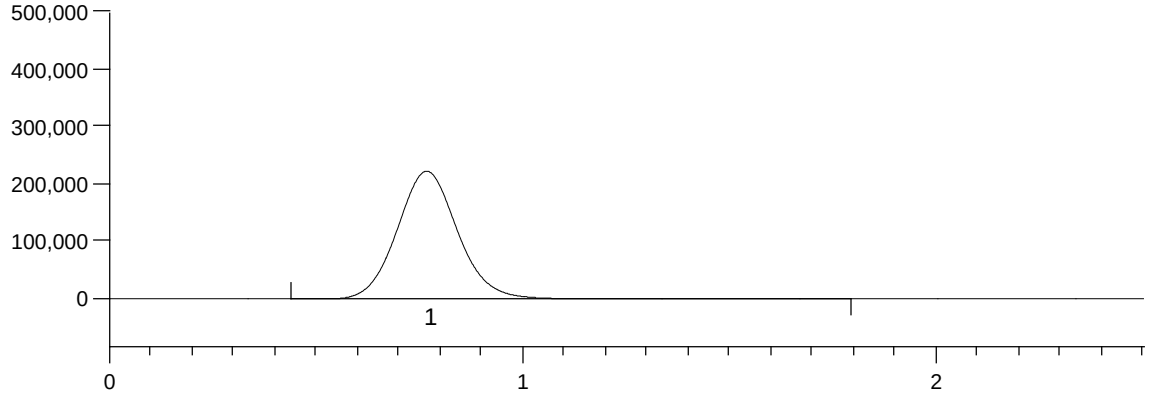
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

Date Analyzed: 8/15/12
Analyst Name: Labuser

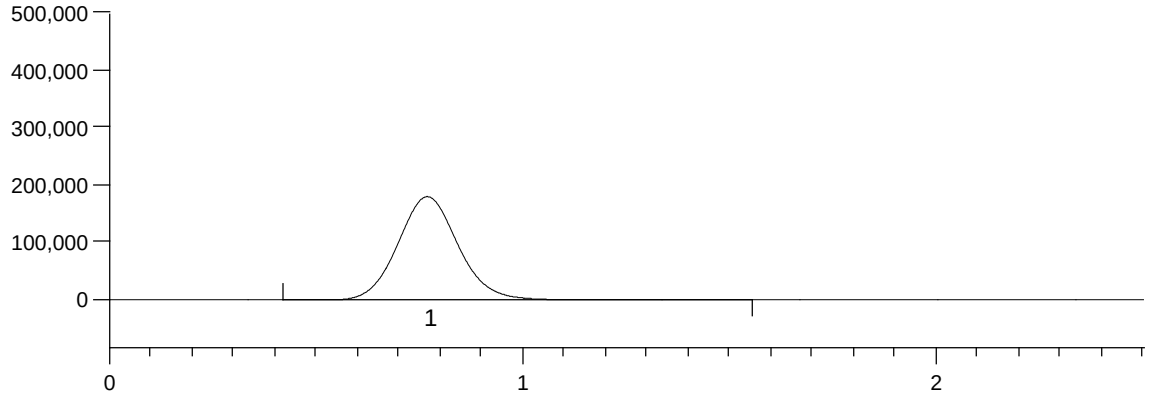


Date: 8/15/12
Time: 5:22 PM

Peak	rt	Area
1	0.76	22,843,529

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
67	X	S	1232023-16		1	22,843,529	2,180	0.00		< HS	accept

Notes

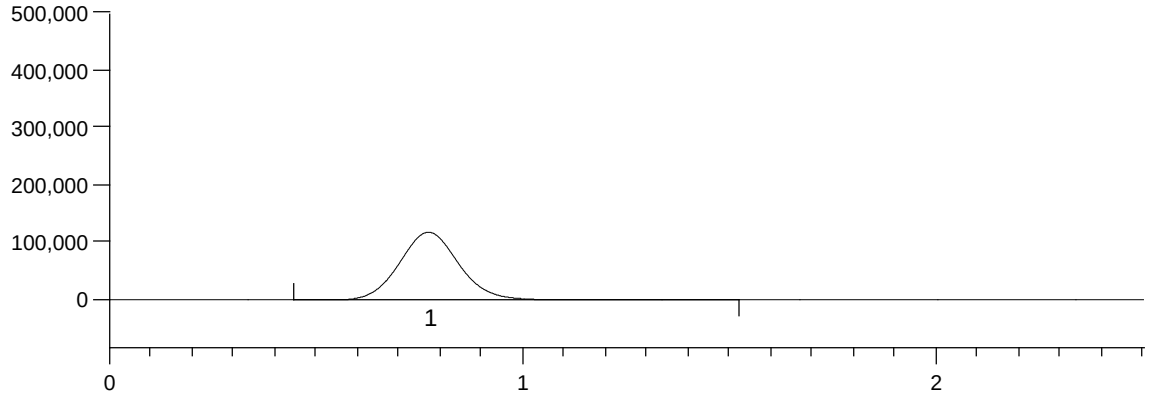


Date: 8/15/12
Time: 5:28 PM

Peak	rt	Area
1	0.76	18,433,362

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
68	Y	S	1232023-17		1	18,433,362	1,750	0.00		< HS	accept

Notes



Date: 8/15/12
Time: 5:34 PM

Peak	rt	Area
1	0.77	11,931,696

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
69	X	S	1232023-18		1	11,931,696	1,140	0.00		< HS	accept

Notes

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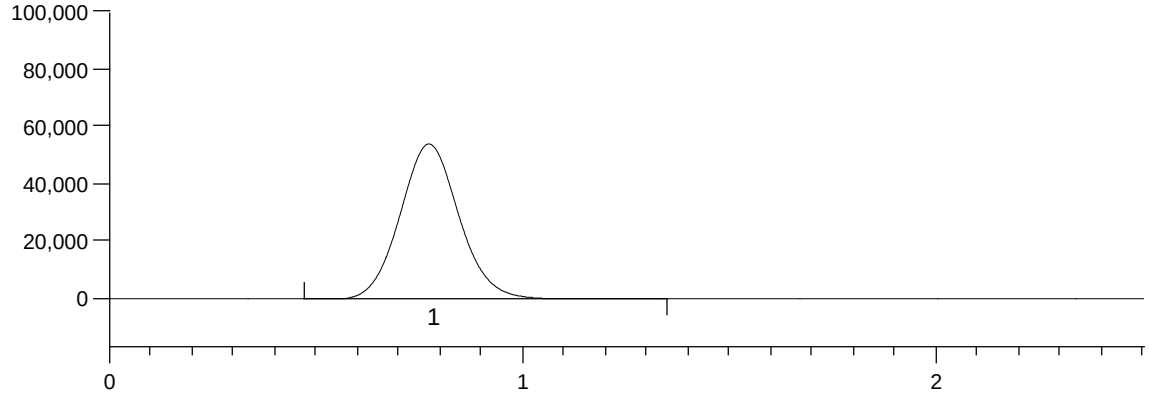
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

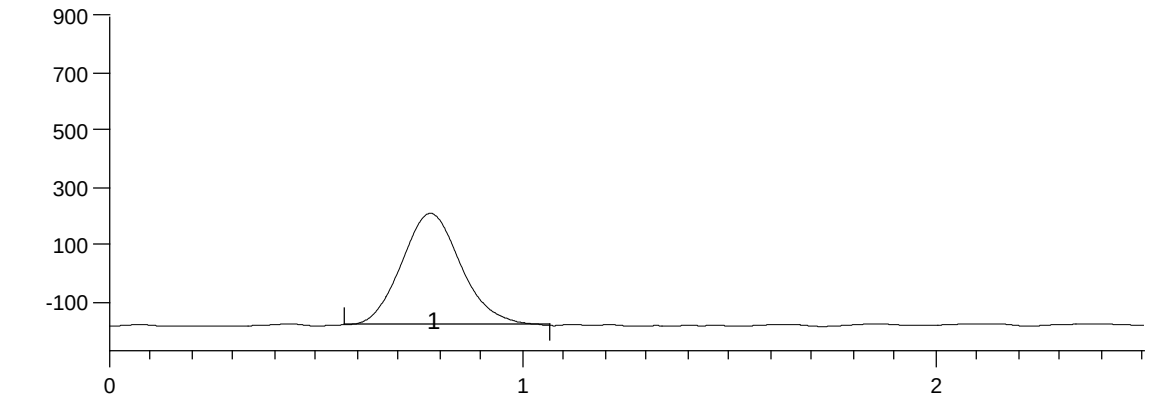
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/15/12
Time: 5:40 PM

Peak	rt	Area
1	0.77	5,438,721

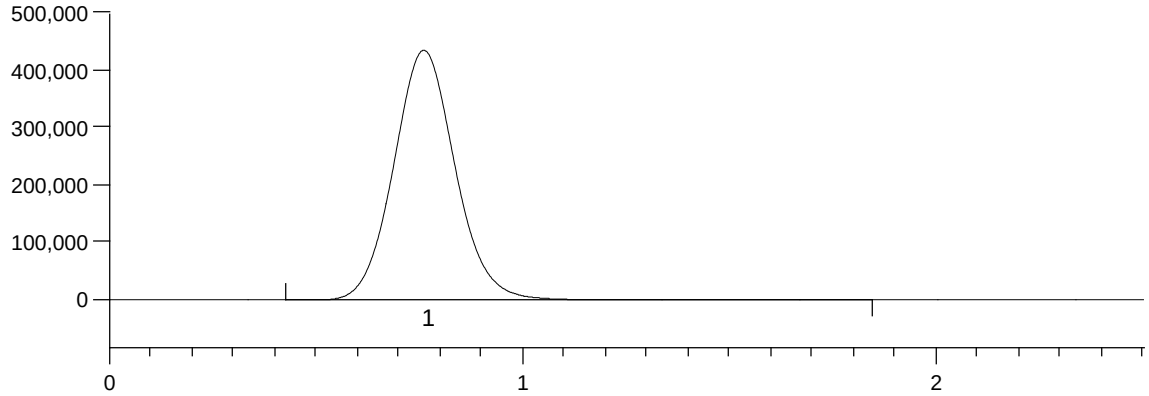
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
70	Y	CCV	SEQ-CCV		1	5,438,721	517		103	77-123	accept
Notes											



Date: 8/15/12
Time: 5:46 PM

Peak	rt	Area
1	0.77	39,803

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
71	X	CCB	SEQ-CCB		1	39,803	3.79		3.79	< 50	accept
Notes											



Date: 8/15/12
Time: 5:52 PM

Peak	rt	Area
1	0.76	45,288,021

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
72	Y	S	1232023-19		1	45,288,021	4,310	0.00		< HS	accept
Notes											

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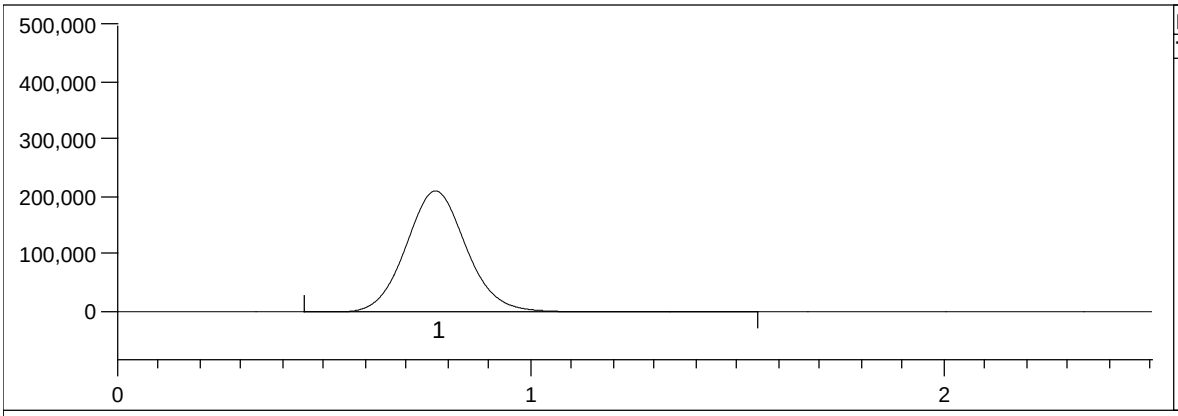
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

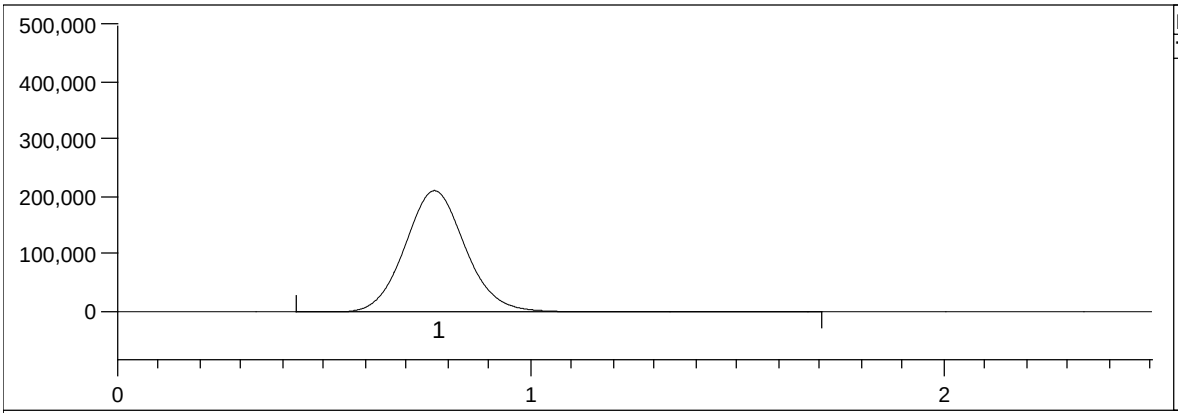
Date Analyzed: 8/15/12
Analyst Name: Labuser



Date: 8/15/12
Time: 5:58 PM

Peak	rt	Area
1	0.76	21,639,487

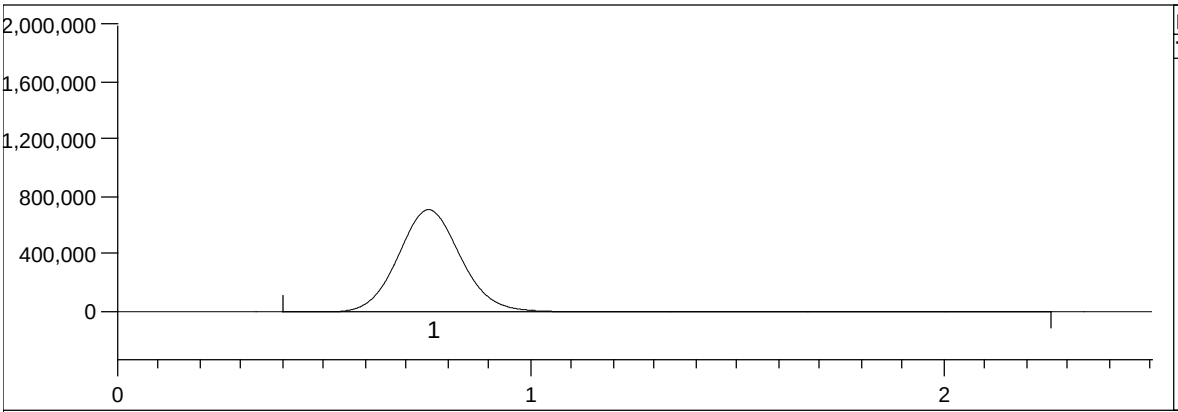
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
73	X	S	1232023-20		1	21,639,487	2,060	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 6:04 PM

Peak	rt	Area
1	0.76	21,698,292

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
74	Y	S	B121426-DUP3		1	21,698,292	2,070	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 6:10 PM

Peak	rt	Area
1	0.75	75,850,736

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
75	X	S	B121426-MS3		1	75,850,736	7,230	0.00		< HS	accept
Notes											

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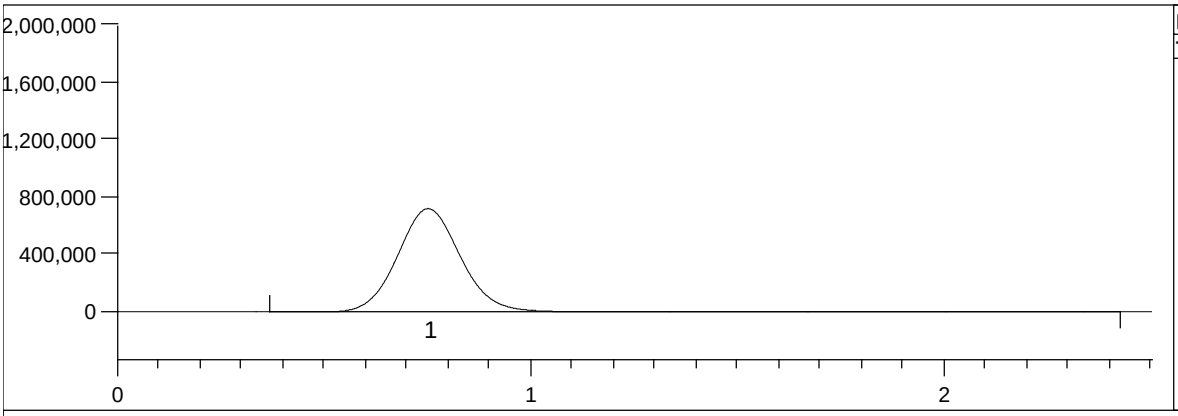
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

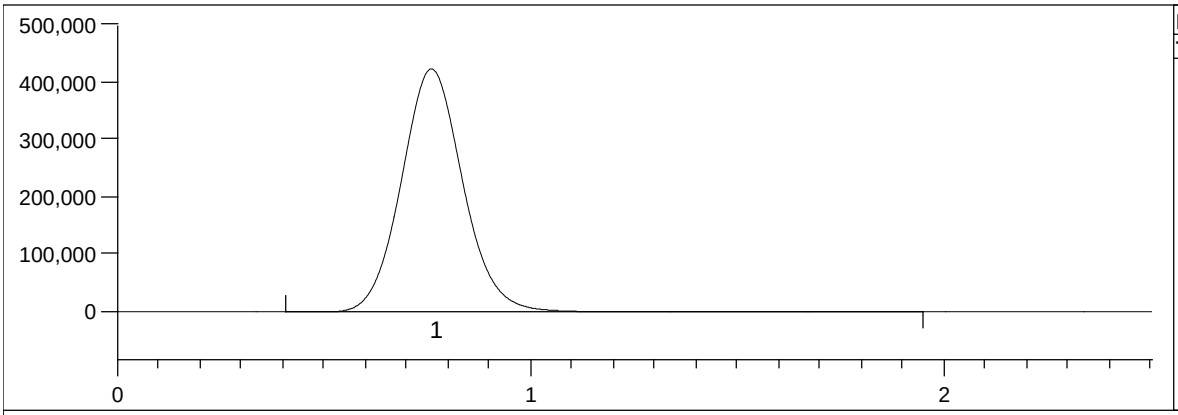
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/15/12
Time: 6:16 PM

Peak	rt	Area
1	0.75	76,881,484

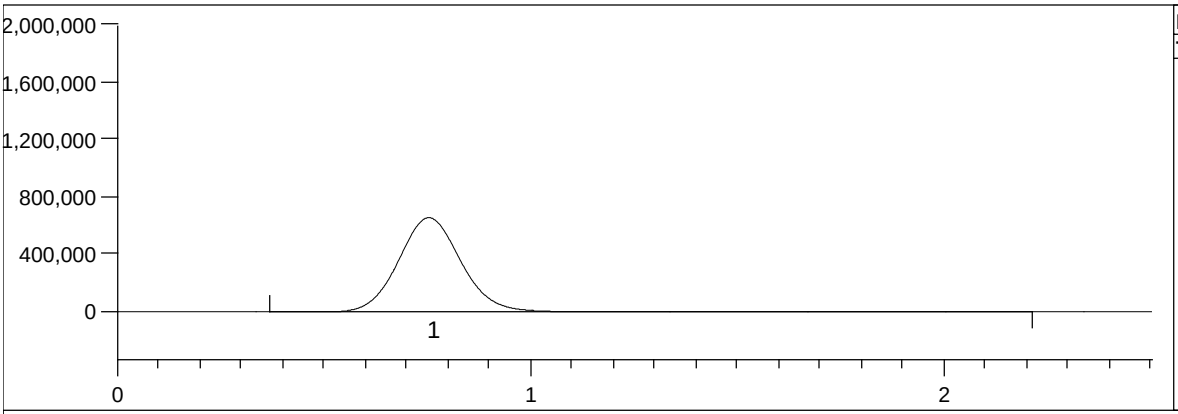
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
76	Y	S	B121426-MSD3		1	76,881,484	7,320	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 6:22 PM

Peak	rt	Area
1	0.76	44,155,741

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
77	X	S	1232023-21		1	44,155,741	4,210	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 6:28 PM

Peak	rt	Area
1	0.75	69,742,036

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
78	Y	S	1232023-22		1	69,742,036	6,640	0.00		< HS	accept
Notes											

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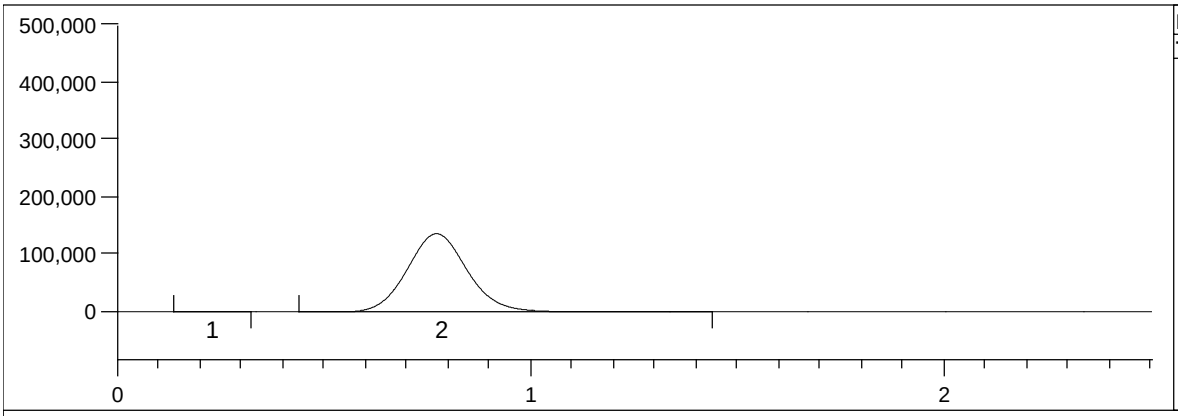
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

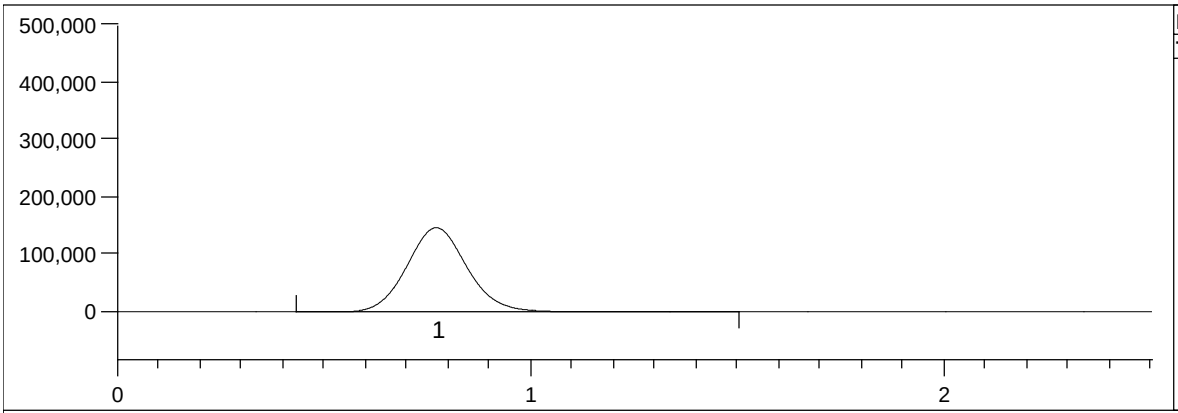
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/15/12
Time: 6:34 PM

Peak	rt	Area
1	0.22	658
2	0.77	13,936,602

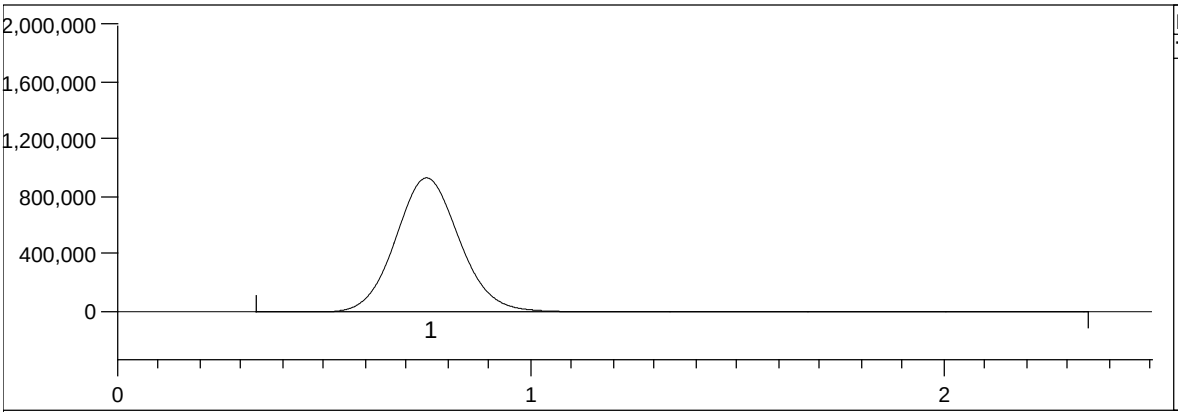
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
79	X	S	1232023-23		2	13,936,602	1,330	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 6:40 PM

Peak	rt	Area
1	0.77	15,034,017

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
80	Y	S	1232023-24		1	15,034,017	1,430	0.00		< HS	accept
Notes											



Date: 8/15/12
Time: 6:46 PM

Peak	rt	Area
1	0.74	101,455,622

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
81	X	S	1232023-25		1	101,455,622	9,670	0.00		< HS	accept
Notes											

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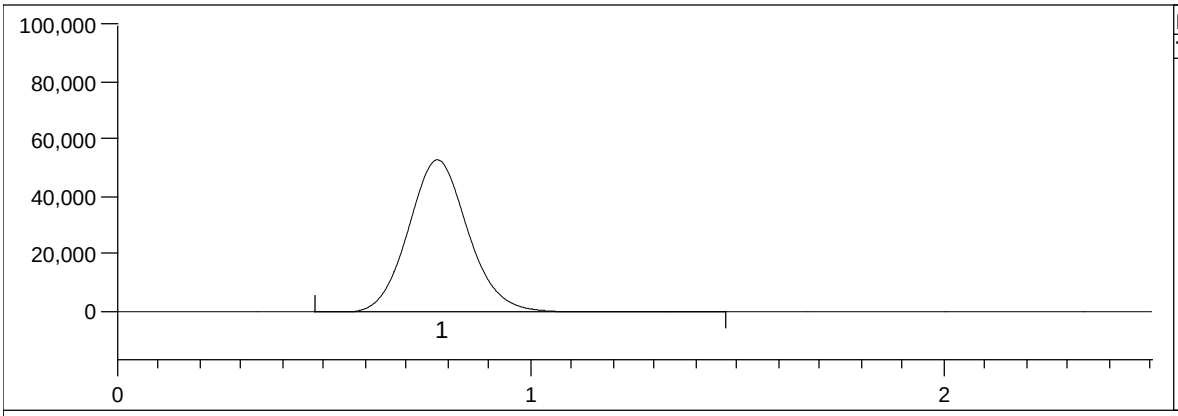
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

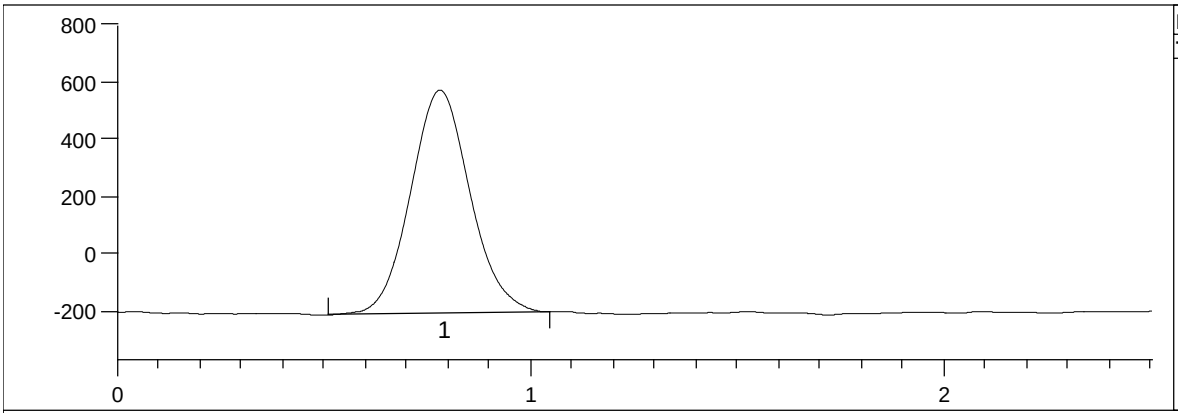
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/15/12
Time: 6:52 PM

Peak	rt	Area
1	0.77	5,414,286

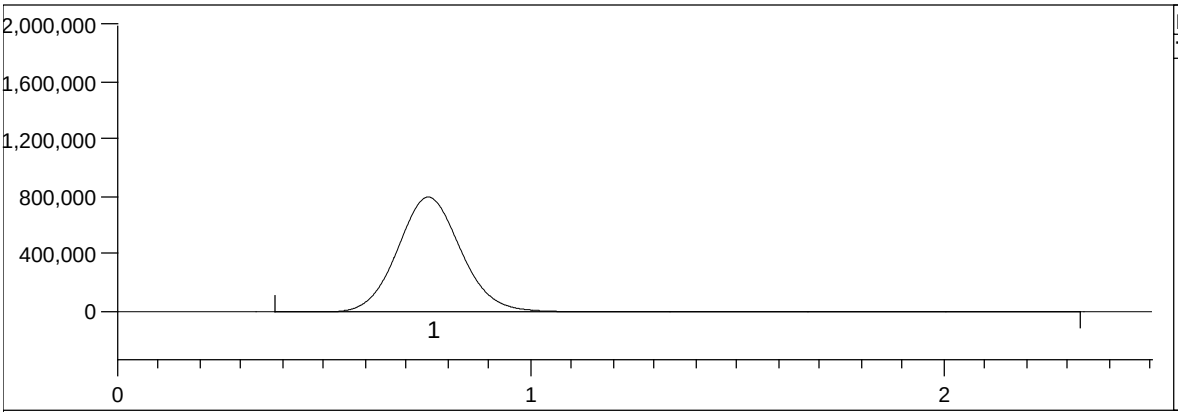
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
82	Y	CCV	SEQ-CCV		1	5,414,286	515		103	77-123	accept
Notes											



Date: 8/15/12
Time: 6:58 PM

Peak	rt	Area
1	0.78	78,671

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
83	X	CCB	SEQ-CCB		1	78,671	7.50		7.50	< 50	accept
Notes											



Date: 8/15/12
Time: 7:04 PM

Peak	rt	Area
1	0.75	86,263,877

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
84	Y	S	B121433-MS2		1	86,263,877	8,220	0.00		< HS	accept
Notes											

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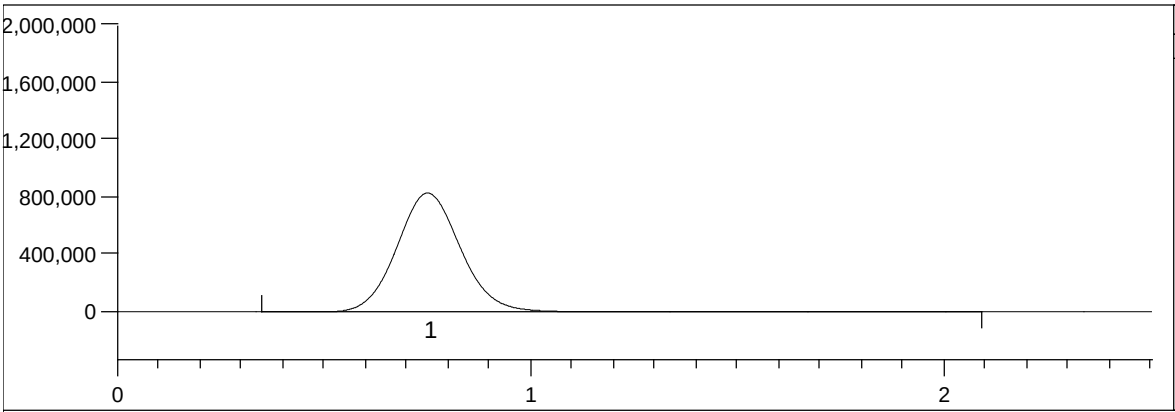
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser

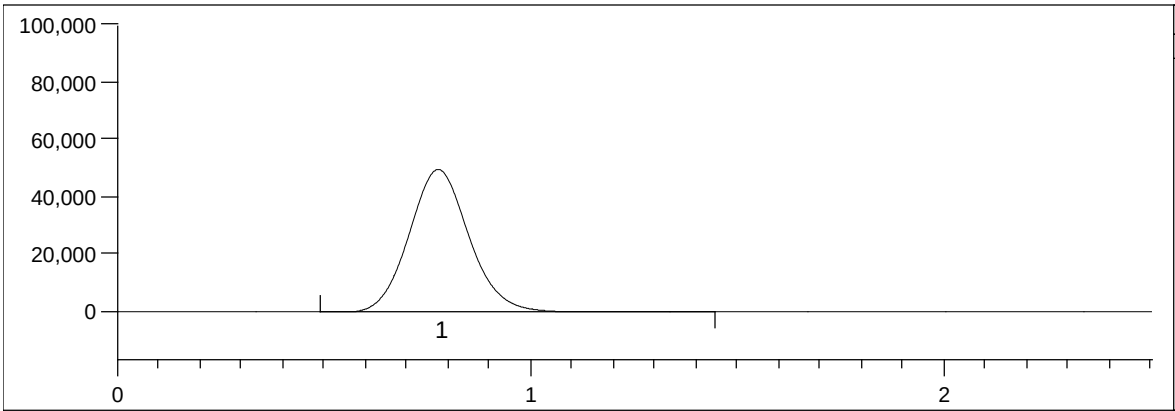


Date: 8/15/12
Time: 7:10 PM

Peak	rt	Area
1	0.75	89,568,122

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
85	X	S	B121433-MSD2		1	89,568,122	8,530	0.00		< HS	accept

Notes

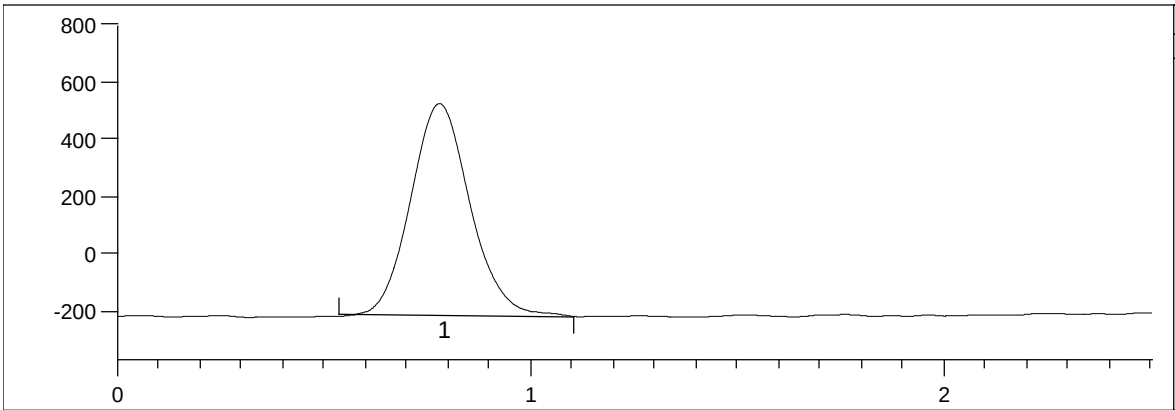


Date: 8/15/12
Time: 7:16 PM

Peak	rt	Area
1	0.77	5,096,865

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
86	Y	CCV	SEQ-CCV		1	5,096,865	484		96.9	77-123	accept

Notes



Date: 8/15/12
Time: 7:22 PM

Peak	rt	Area
1	0.78	75,434

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
87	X	CCB	SEQ-CCB		1	75,434	7.19		7.19	< 50	accept

Notes

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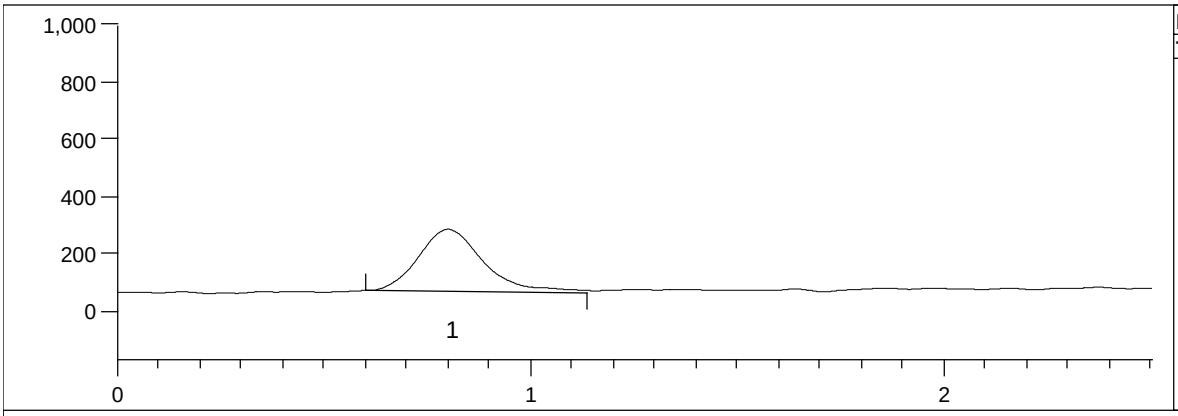
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

Date Analyzed: 8/15/12
Analyst Name: Labuser

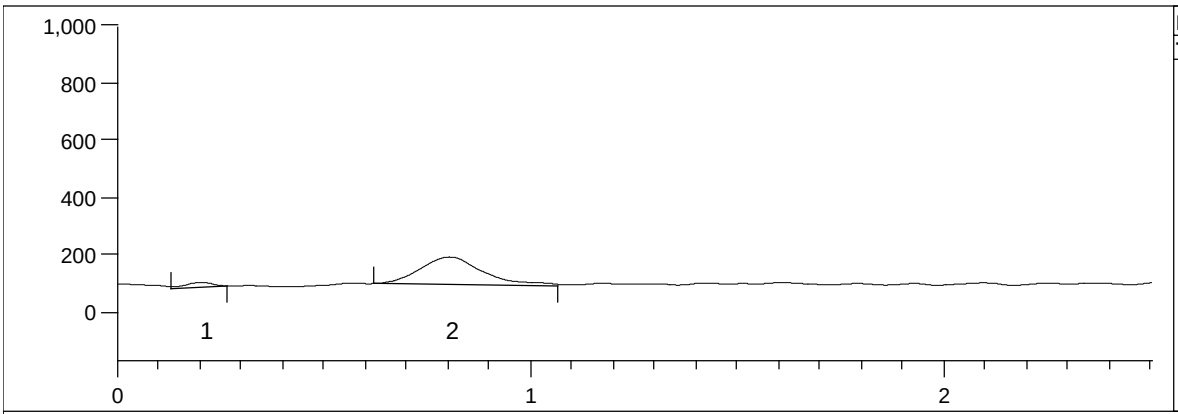


Date: 8/16/12
Time: 8:58 AM

Peak	rt	Area
1	0.80	22,646

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
88	X	RINS	RINSE		1	22,646	2.16	0.00	0.00	< 0.5	accept

Notes

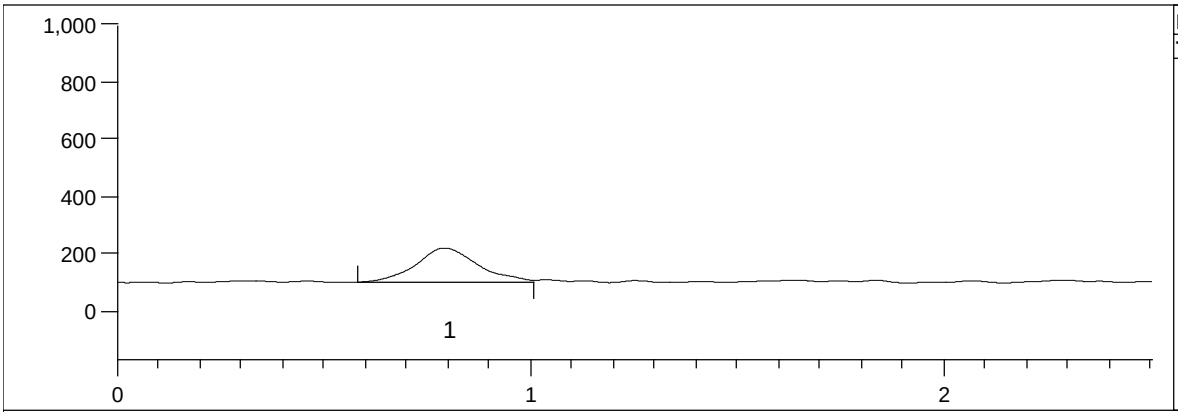


Date: 8/16/12
Time: 9:04 AM

Peak	rt	Area
1	0.20	602
2	0.80	9,545

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
89	Y	RINS	RINSE		2	9,545	0.909	0.00	0.00	< 0.5	accept

Notes



Date: 8/16/12
Time: 9:10 AM

Peak	rt	Area
1	0.79	11,615

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
90	X	RINS	RINSE		1	11,615	1.11	0.00	0.00	< 0.5	accept

Notes

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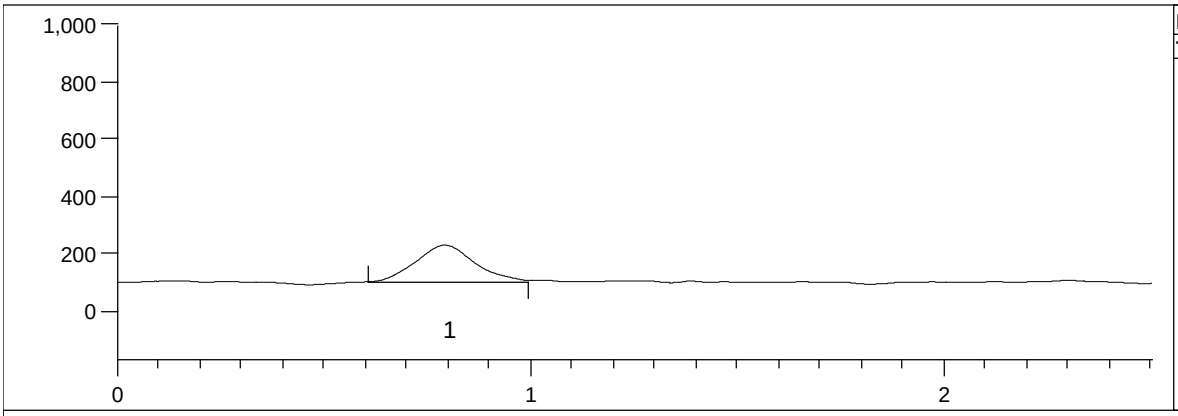
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

Date Analyzed: 8/15/12
Analyst Name: Labuser

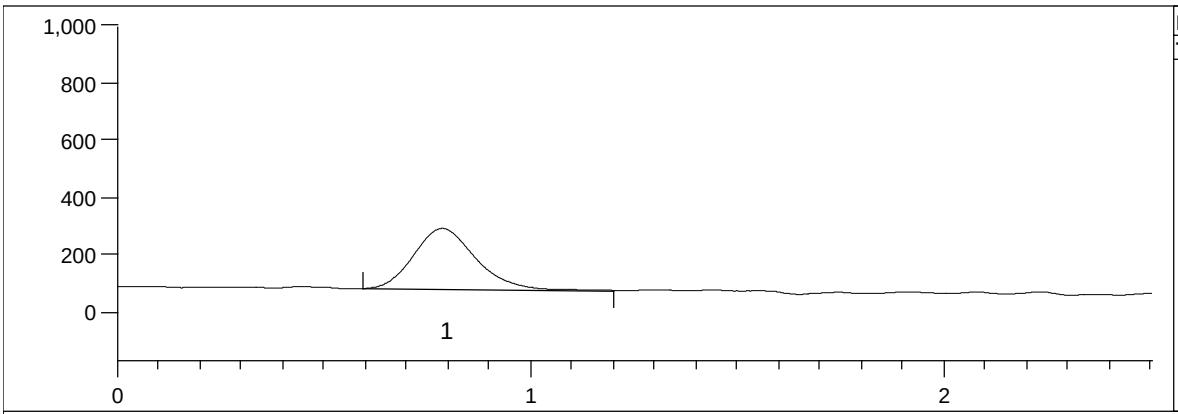


Date: 8/16/12
Time: 9:16 AM

Peak	rt	Area
1	0.79	12,243

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
91	Y	RINS	RINSE		1	12,243	1.17	0.00	0.00	< 0.5	accept

Notes

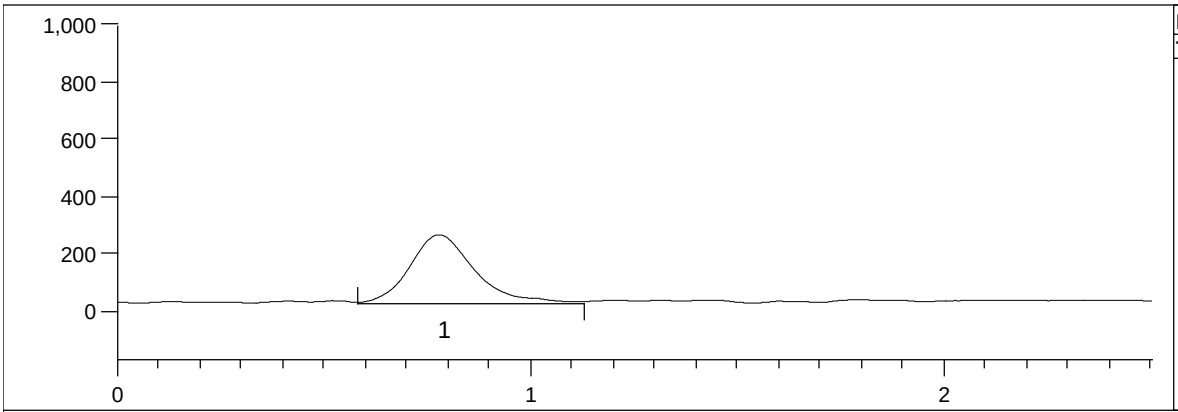


Date: 8/16/12
Time: 9:22 AM

Peak	rt	Area
1	0.78	22,014

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
92	X	RINS	RINSE		1	22,014	2.10	0.00	0.00	< 0.5	accept

Notes



Date: 8/16/12
Time: 9:28 AM

Peak	rt	Area
1	0.77	24,672

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
93	Y	RINS	RINSE		1	24,672	2.35	0.00	0.00	< 0.5	accept

Notes

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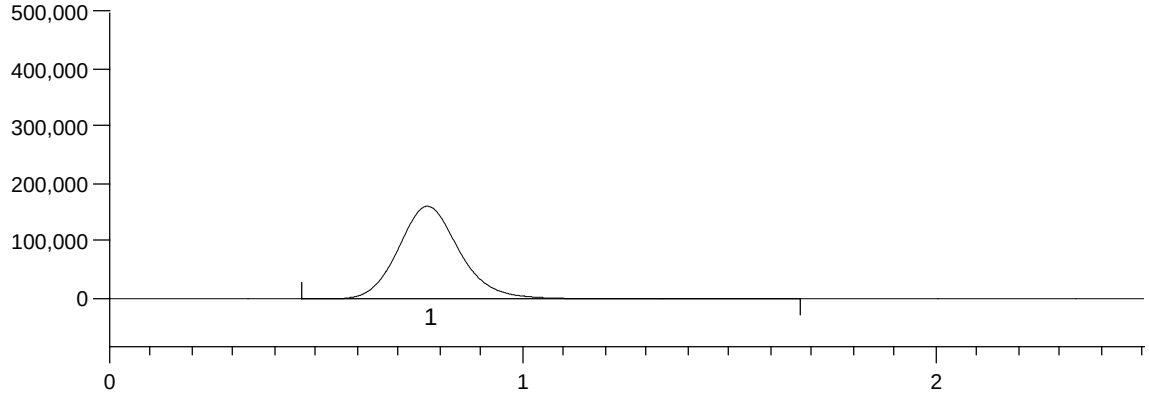
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

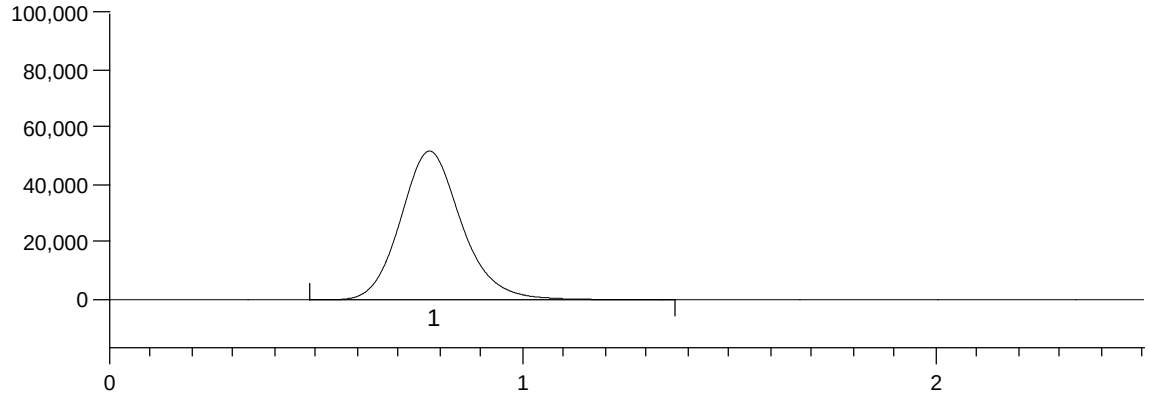
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/16/12
Time: 9:34 AM

Peak	rt	Area
1	0.76	16,766,123

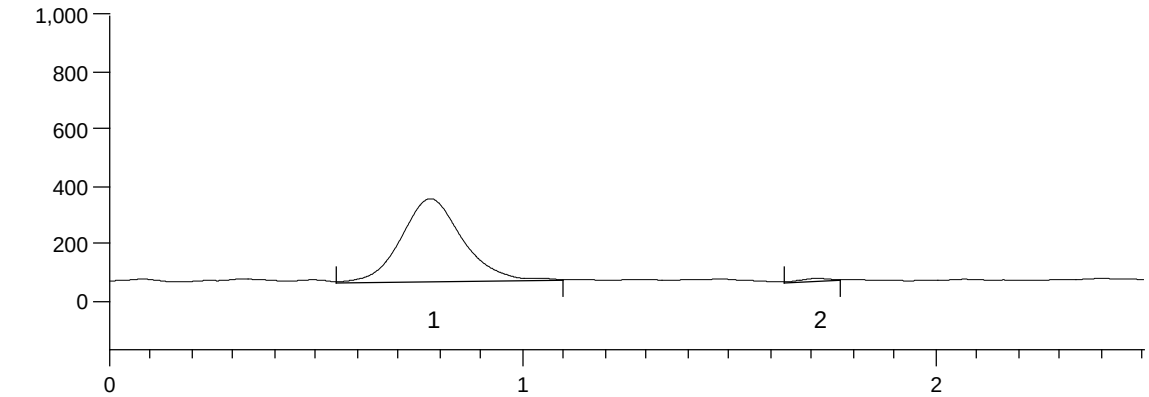
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
94	X	ICV	SEQ-ICV		1	16,766,123	1,600		102	80-120	accept
Notes											



Date: 8/16/12
Time: 9:40 AM

Peak	rt	Area
1	0.77	5,350,304

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
95	Y	CCV	SEQ-CCV		1	5,350,304	508		102	77-123	accept
Notes											



Date: 8/16/12
Time: 9:46 AM

Peak	rt	Area
1	0.77	29,427
2	1.70	357

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
96	X	CCB	SEQ-CCB		1	29,427	2.80		2.80	< 50	accept
Notes											

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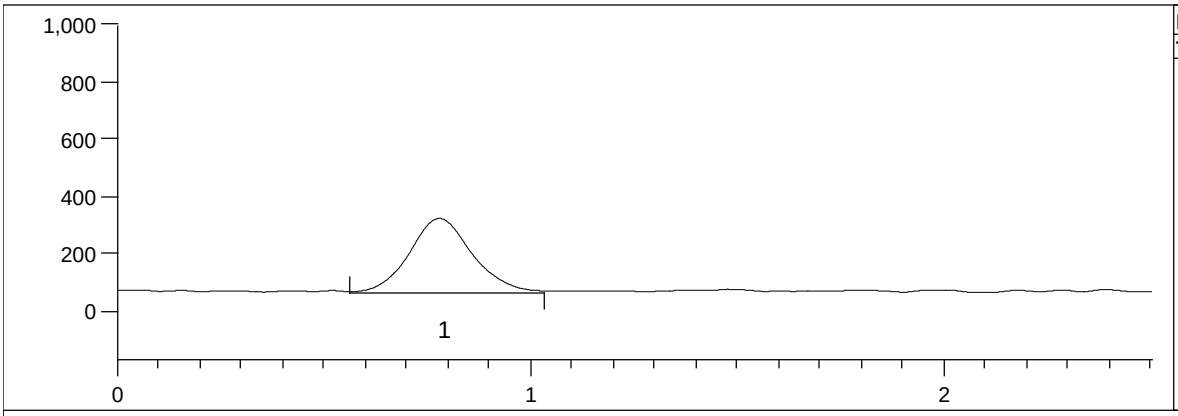
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

Date Analyzed: 8/15/12
Analyst Name: Labuser

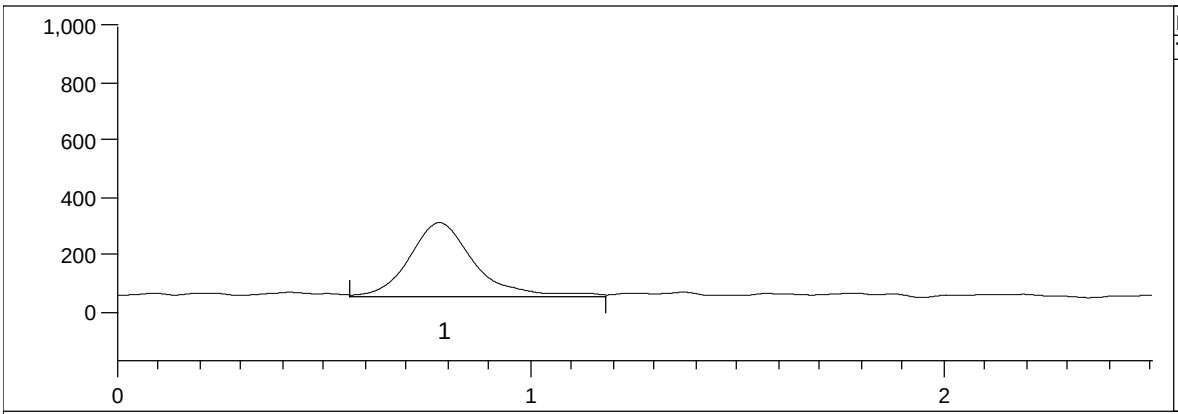


Date: 8/16/12
Time: 9:52 AM

Peak	rt	Area
1	0.78	26,581

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
97	Y	S	B121452-BLK1		1	26,581	1.15	0.00		< HS	accept

Notes

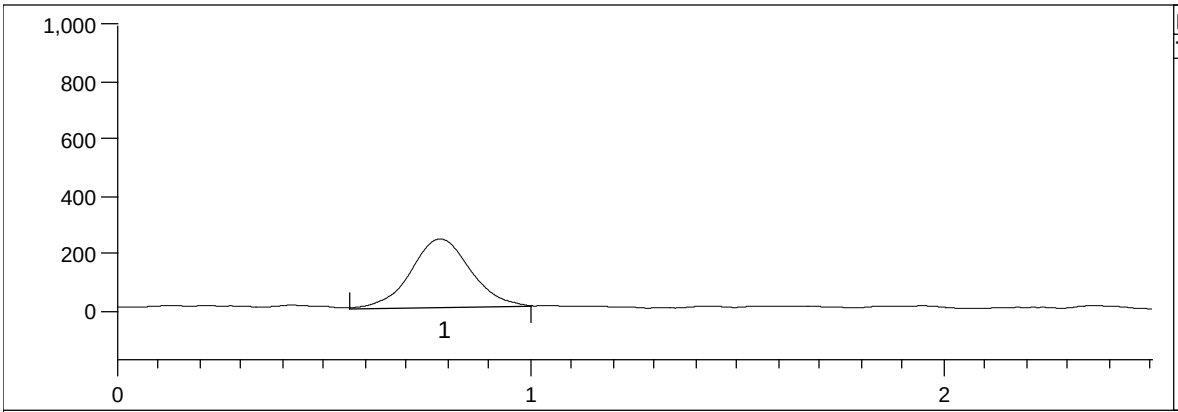


Date: 8/16/12
Time: 9:58 AM

Peak	rt	Area
1	0.77	26,437

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
98	X	S	B121452-BLK2		1	26,437	1.14	0.00		< HS	accept

Notes



Date: 8/16/12
Time: 10:04 AM

Peak	rt	Area
1	0.78	23,705

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
99	Y	S	B121452-BLK3		1	23,705	0.880	0.00		< HS	accept

Notes

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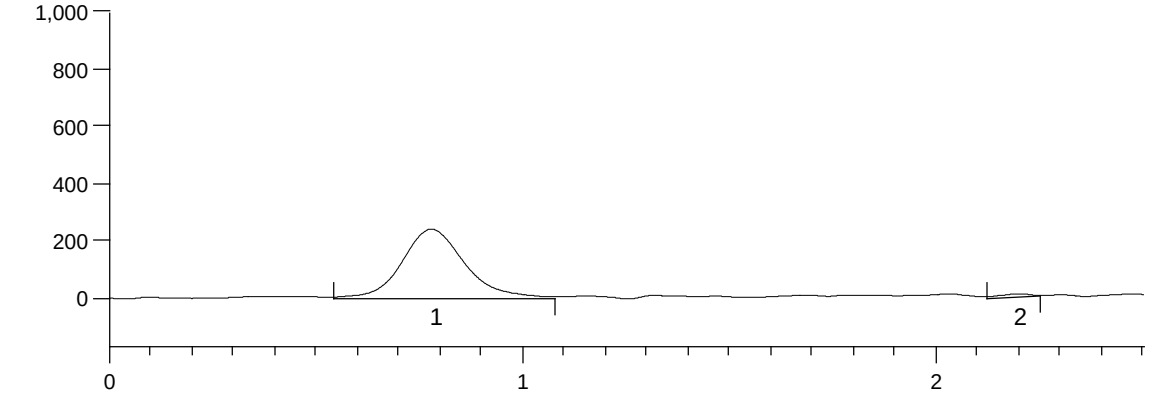
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

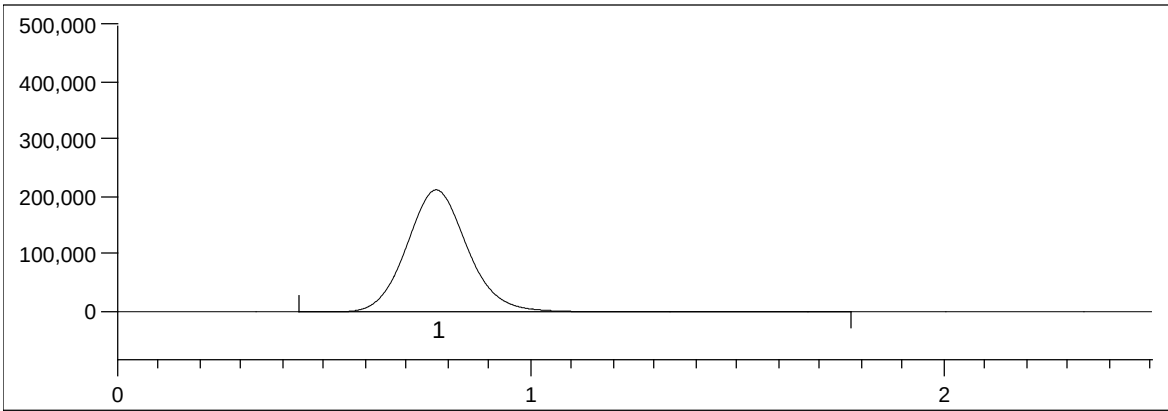
Date Analyzed: 8/15/12
Analyst Name: Labuser



Date: 8/16/12
Time: 10:10 AM

Peak	rt	Area
1	0.77	24,152
2	2.19	392

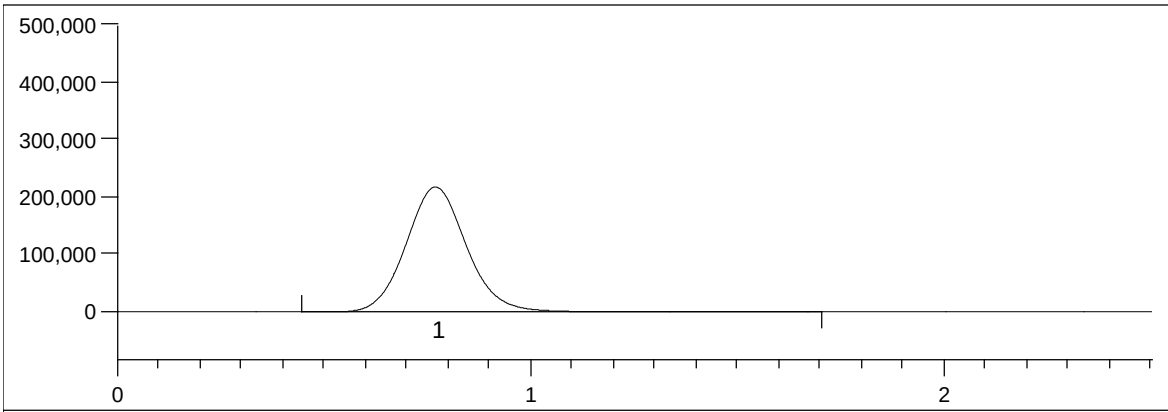
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
100	X	S	B121452-BLK4		1	24,152	0.922	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 10:16 AM

Peak	rt	Area
1	0.77	21,898,360

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
101	Y	S	B121452-SRM1		1	21,898,360	2,090	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 10:22 AM

Peak	rt	Area
1	0.76	22,319,985

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
102	X	S	B121452-SRM2		1	22,319,985	2,130	0.00		< HS	accept
Notes											

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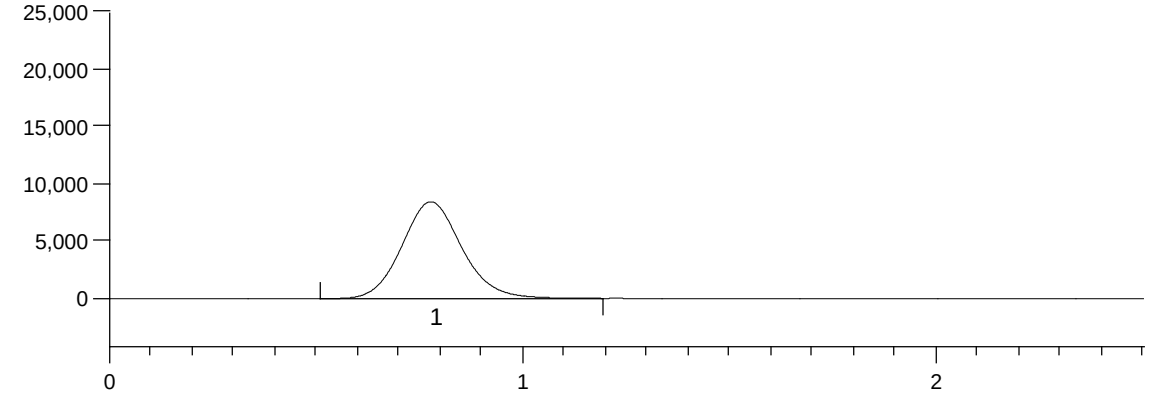
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

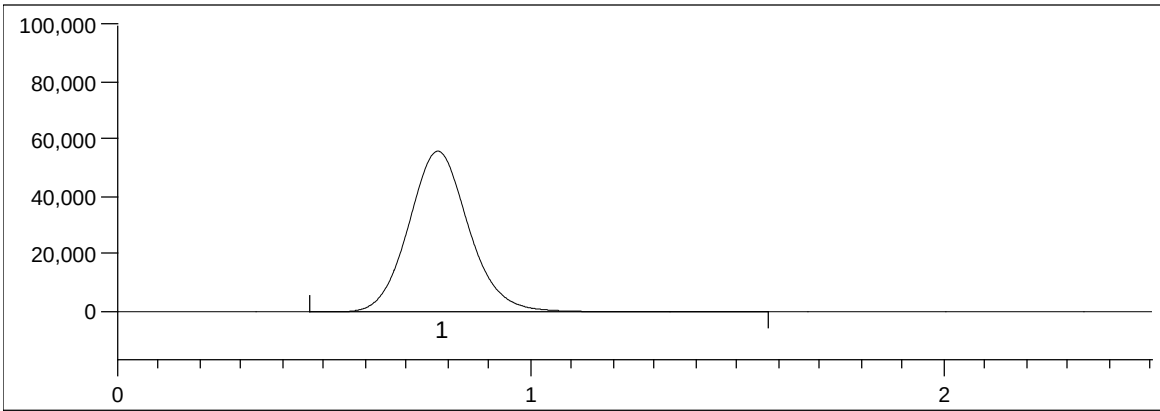
Date Analyzed: 8/15/12
Analyst Name: Labuser



Date: 8/16/12
Time: 10:28 AM

Peak	rt	Area
1	0.77	854,740

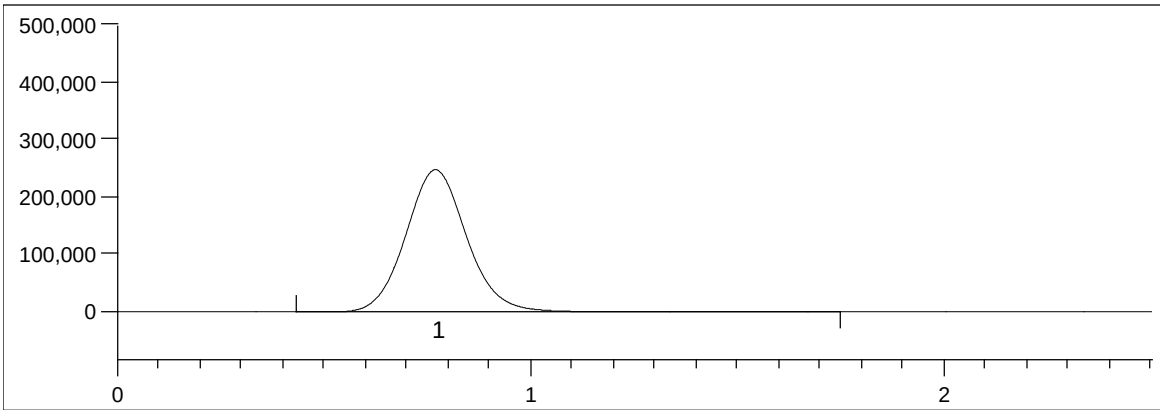
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
103	Y	S	B121452-BS1		1	854,740	80.1	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 10:34 AM

Peak	rt	Area
1	0.77	5,698,778

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
104	X	S	1232032-01		1	5,698,778	542	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 10:40 AM

Peak	rt	Area
1	0.76	25,577,496

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
105	Y	S	1232032-02		1	25,577,496	2,440	0.00		< HS	accept
Notes											

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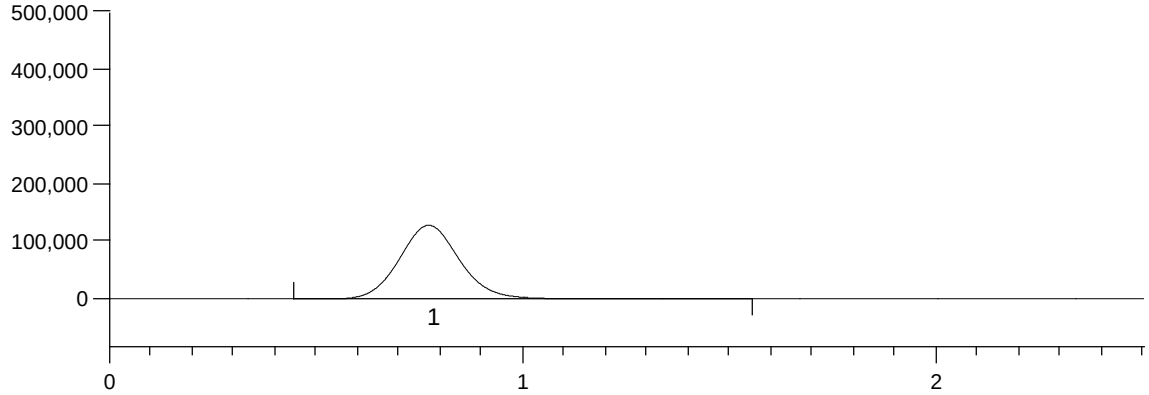
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

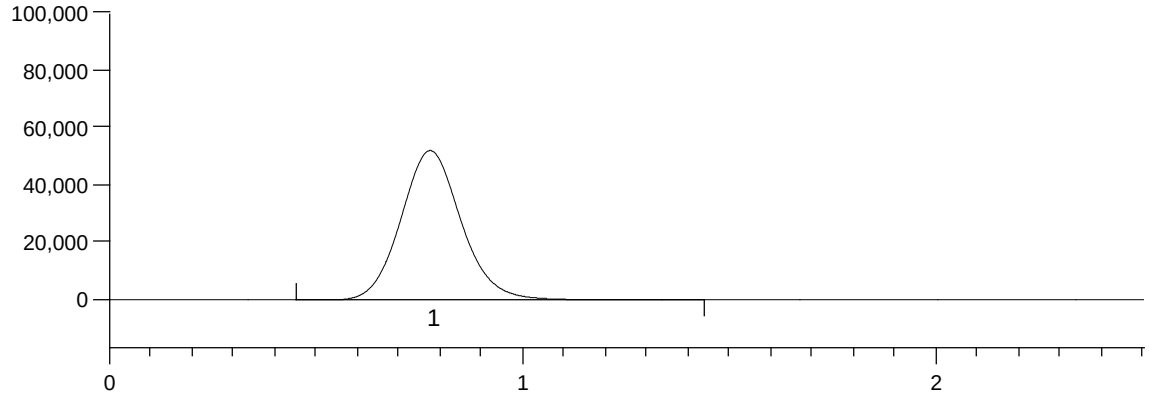
Date Analyzed: 8/15/12
Analyst Name: Labuser



Date: 8/16/12
Time: 10:46 AM

Peak	rt	Area
1	0.77	13,122,648

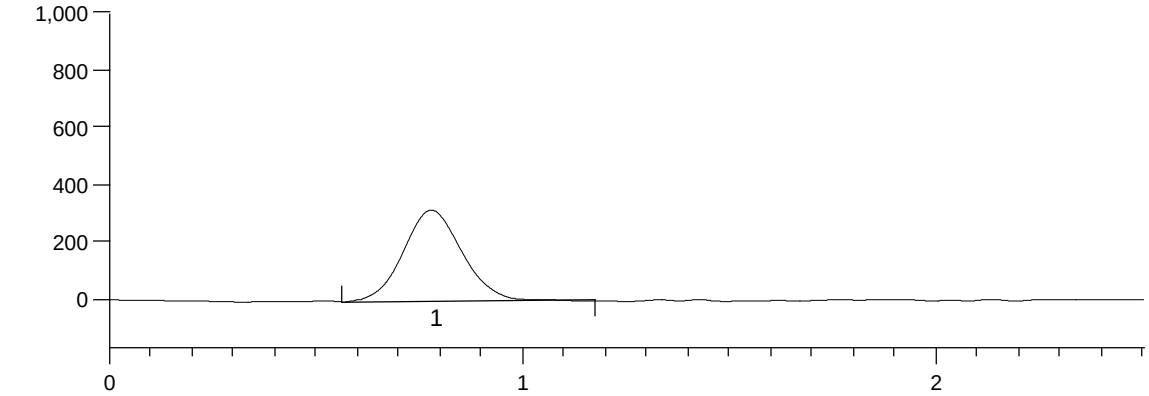
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
106	X	S	1232032-03		1	13,122,648	1,250	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 10:52 AM

Peak	rt	Area
1	0.77	5,316,640

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
107	Y	CCV	SEQ-CCV		1	5,316,640	505		101	77-123	accept
Notes											



Date: 8/16/12
Time: 10:58 AM

Peak	rt	Area
1	0.78	33,254

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
108	X	CCB	SEQ-CCB		1	33,254	3.17		3.17	< 50	accept
Notes											

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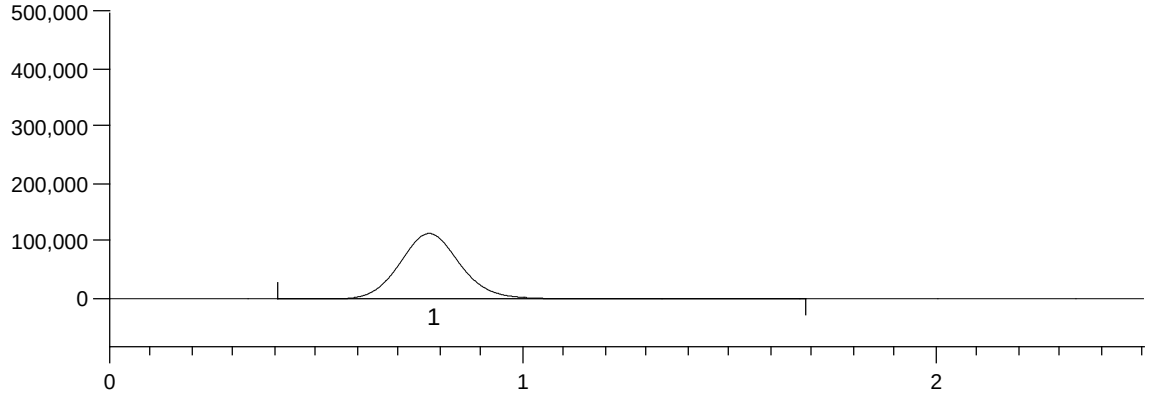
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

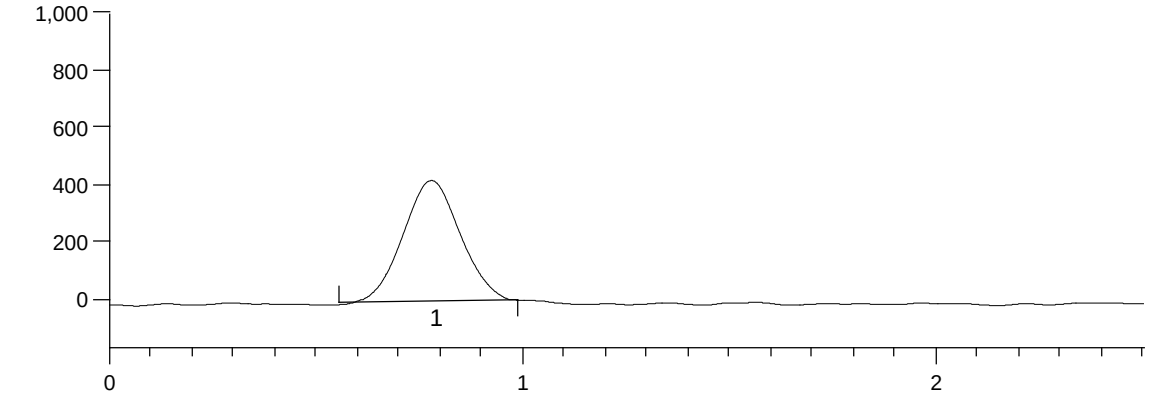
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/16/12
Time: 11:04 AM

Peak	rt	Area
1	0.77	11,728,197

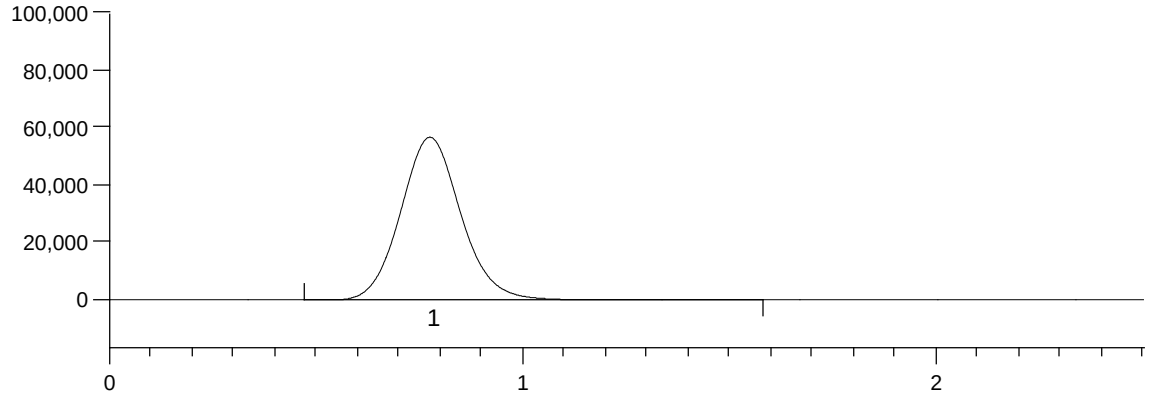
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
109	Y	S	1232032-04		1	11,728,197	1,120	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 11:10 AM

Peak	rt	Area
1	0.78	42,338

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
110	X	S	B121452-BLK5		1	42,338	2.66	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 11:16 AM

Peak	rt	Area
1	0.77	5,803,643

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
111	Y	S	1232032-05		1	5,803,643	552	0.00		< HS	accept
Notes											

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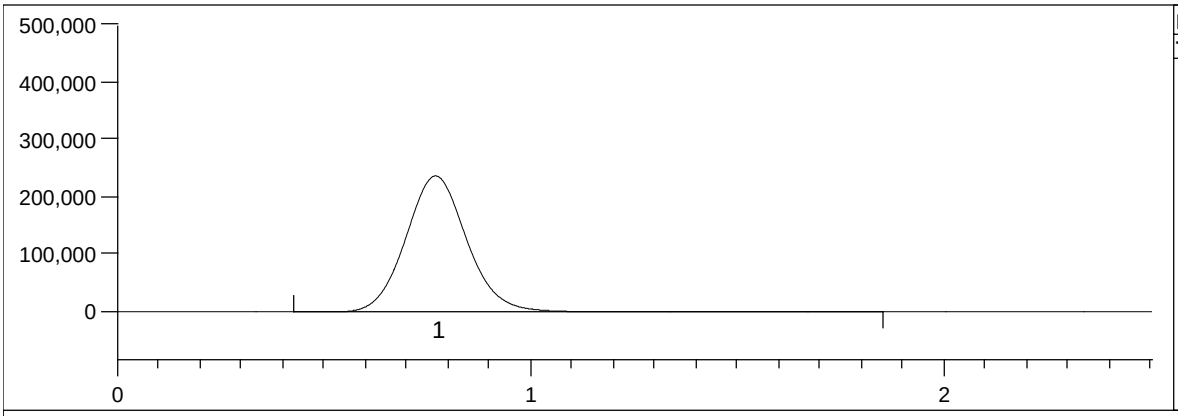
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

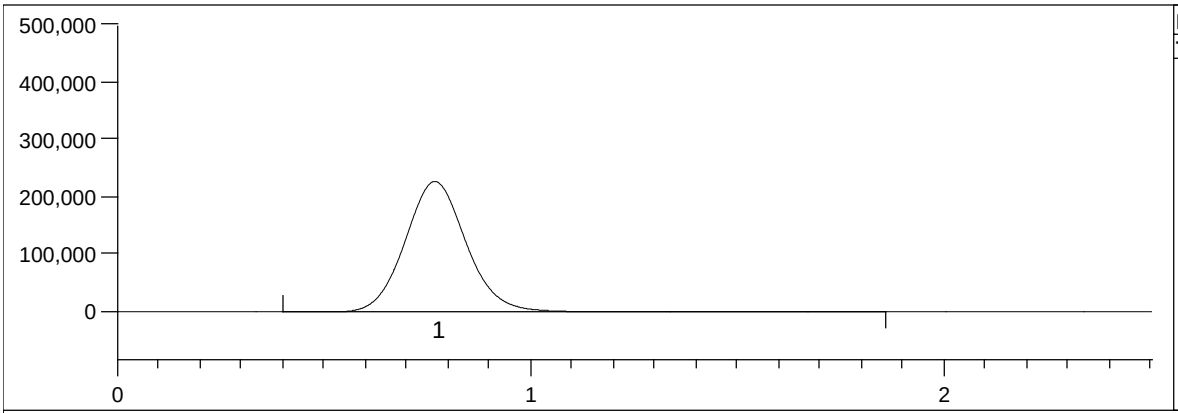
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/16/12
Time: 11:22 AM

Peak	rt	Area
1	0.76	24,568,176

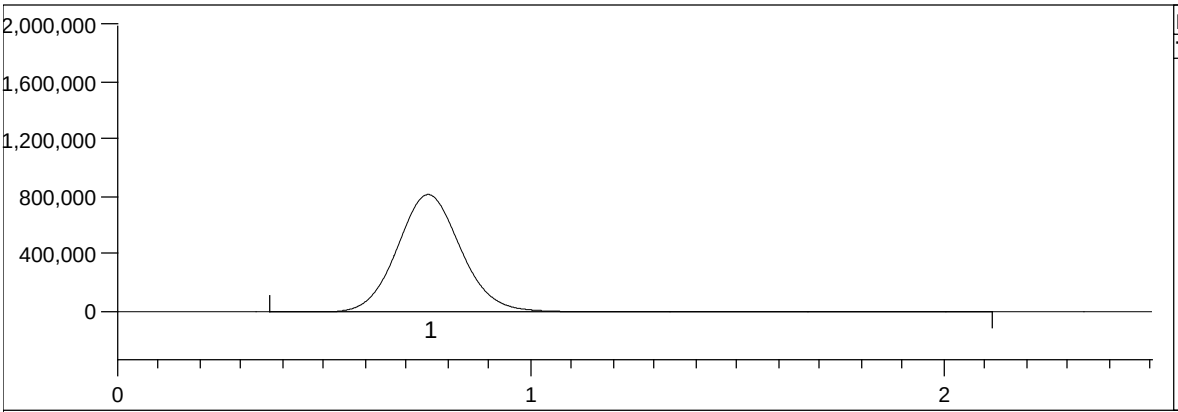
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
112	X	S	1232032-06		1	24,568,176	2,340	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 11:28 AM

Peak	rt	Area
1	0.76	23,570,516

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
113	Y	S	B121452-DUP1		1	23,570,516	2,240	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 11:34 AM

Peak	rt	Area
1	0.75	88,486,843

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
114	X	S	B121452-MS1		1	88,486,843	8,430	0.00		< HS	accept
Notes											

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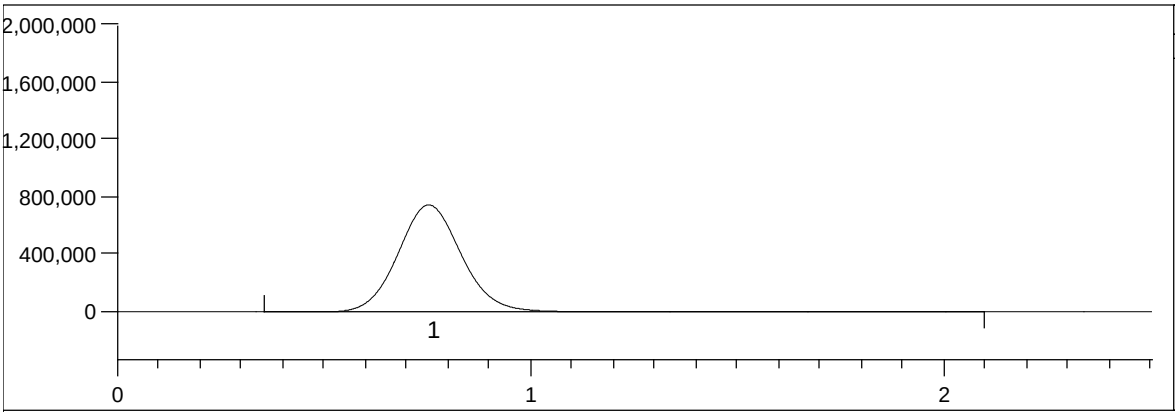
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

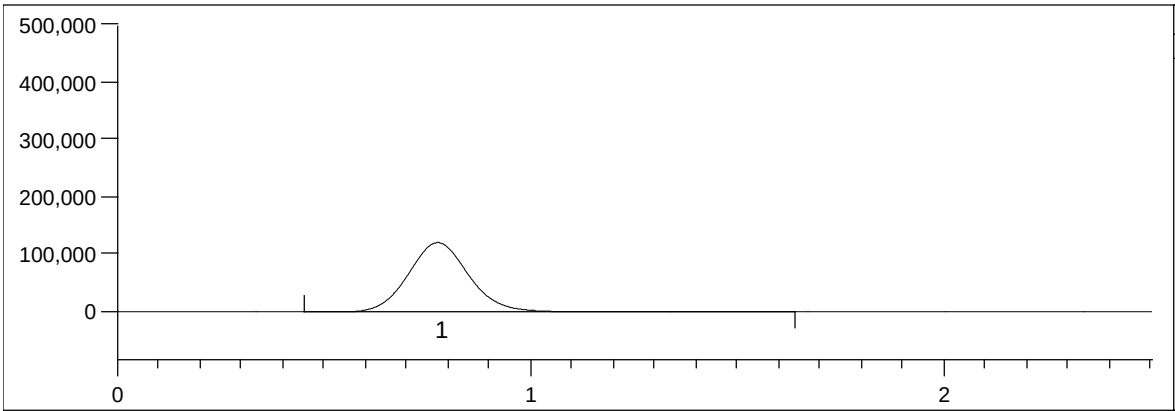
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/16/12
Time: 11:40 AM

Peak	rt	Area
1	0.75	80,281,513

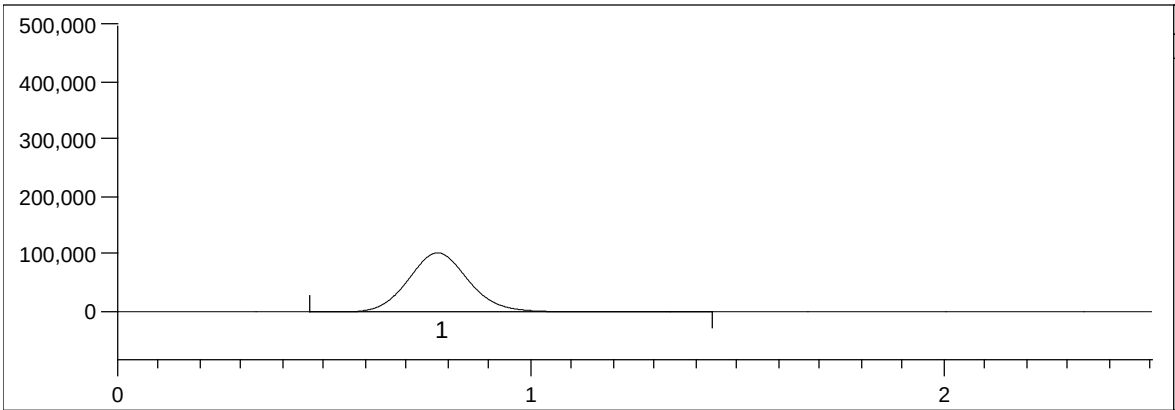
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
115	Y	S	B121452-MSD1		1	80,281,513	7,650	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 11:46 AM

Peak	rt	Area
1	0.77	12,423,672

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
116	X	S	1232032-07		1	12,423,672	1,180	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 11:52 AM

Peak	rt	Area
1	0.77	10,593,779

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
117	Y	S	1232032-08		1	10,593,779	1,010	0.00		< HS	accept
Notes											

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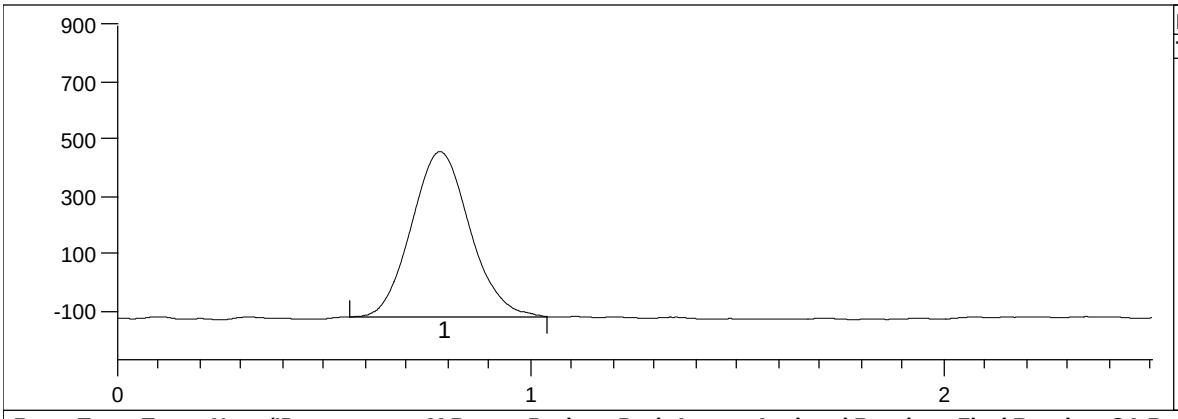
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

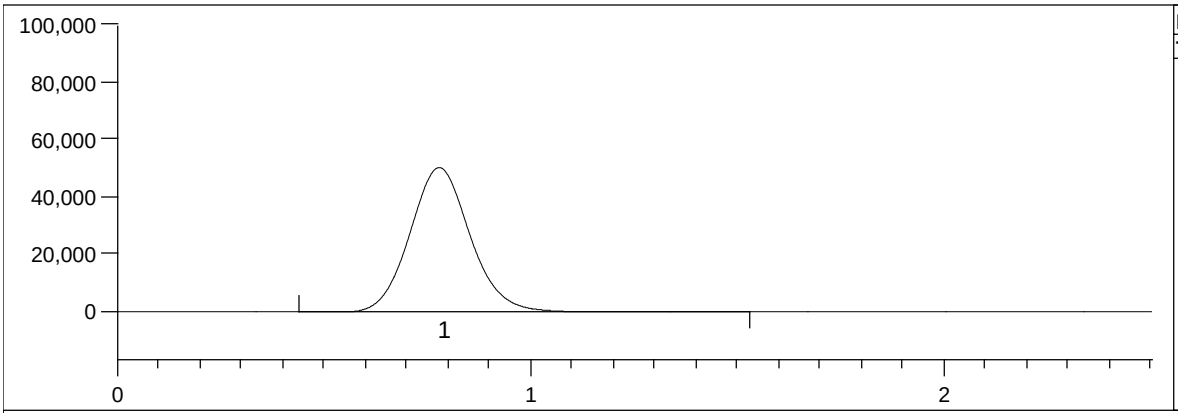
Date Analyzed: 8/15/12
Analyst Name: Labuser



Date: 8/16/12
Time: 11:58 AM

Peak	rt	Area
1	0.78	57,246

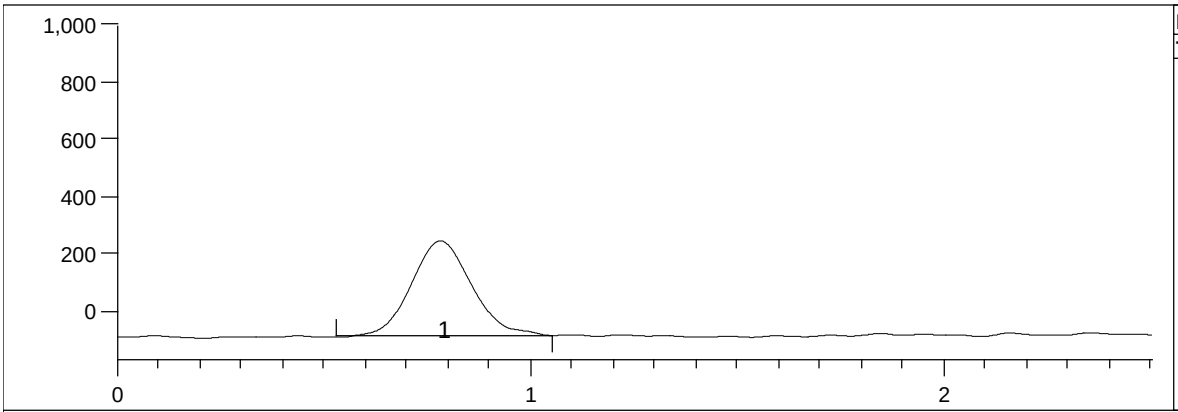
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
118	X	S	B121452-BLK6		1	57,246	4.08	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 12:04 PM

Peak	rt	Area
1	0.77	5,172,999

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
119	Y	CCV	SEQ-CCV		1	5,172,999	492		98.3	77-123	accept
Notes											



Date: 8/16/12
Time: 12:10 PM

Peak	rt	Area
1	0.78	34,761

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
120	X	CCB	SEQ-CCB		1	34,761	3.31		3.31	< 50	accept
Notes											

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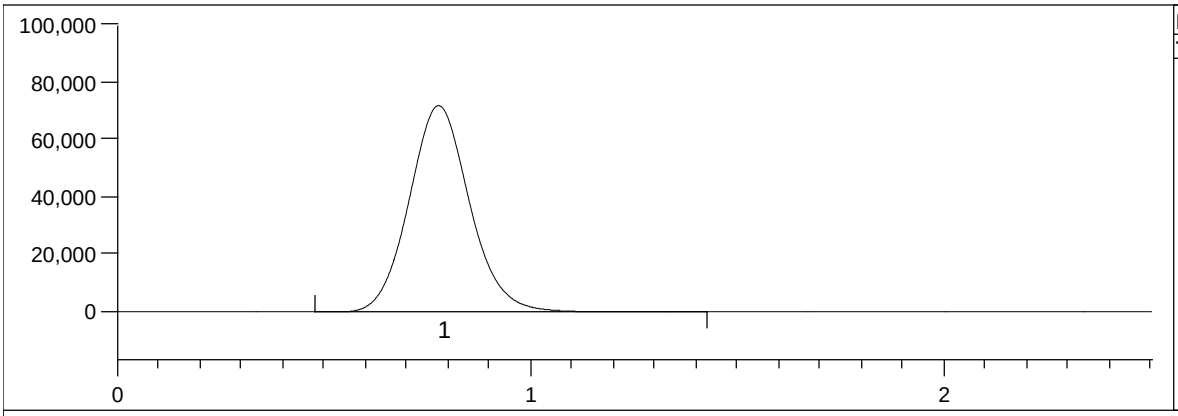
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

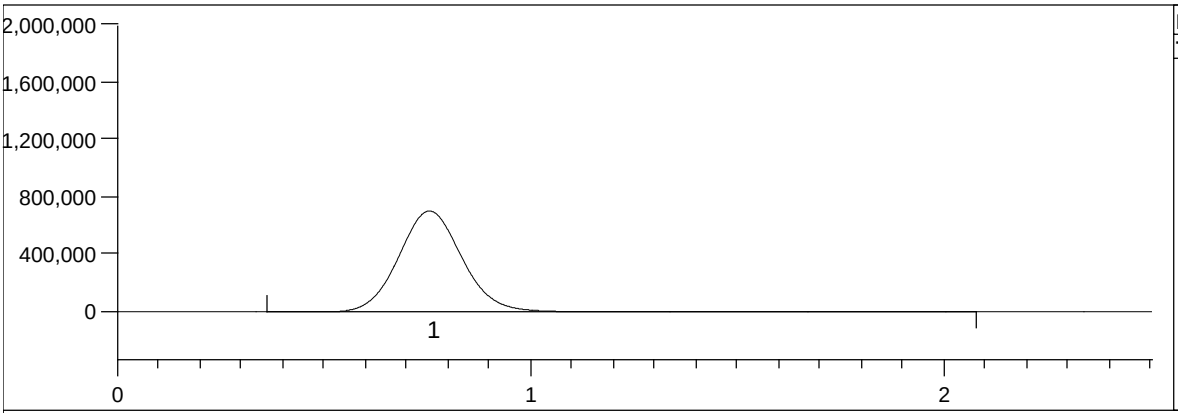
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/16/12
Time: 12:16 PM

Peak	rt	Area
1	0.77	7,389,256

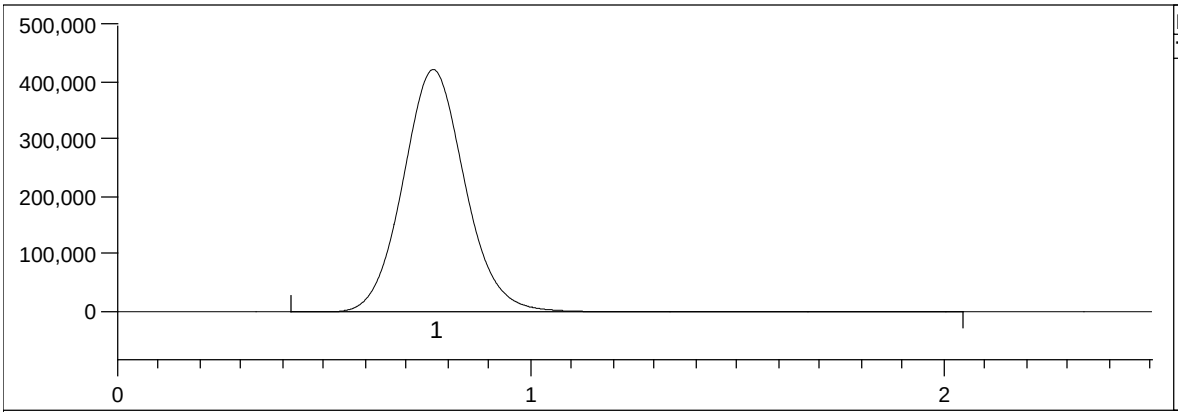
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
121	Y	S	1232032-09		1	7,389,256	703	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 12:22 PM

Peak	rt	Area
1	0.75	75,850,424

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
122	X	S	1232032-10		1	75,850,424	7,230	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 12:28 PM

Peak	rt	Area
1	0.76	44,363,936

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
123	Y	S	1232032-11		1	44,363,936	4,230	0.00		< HS	accept
Notes											

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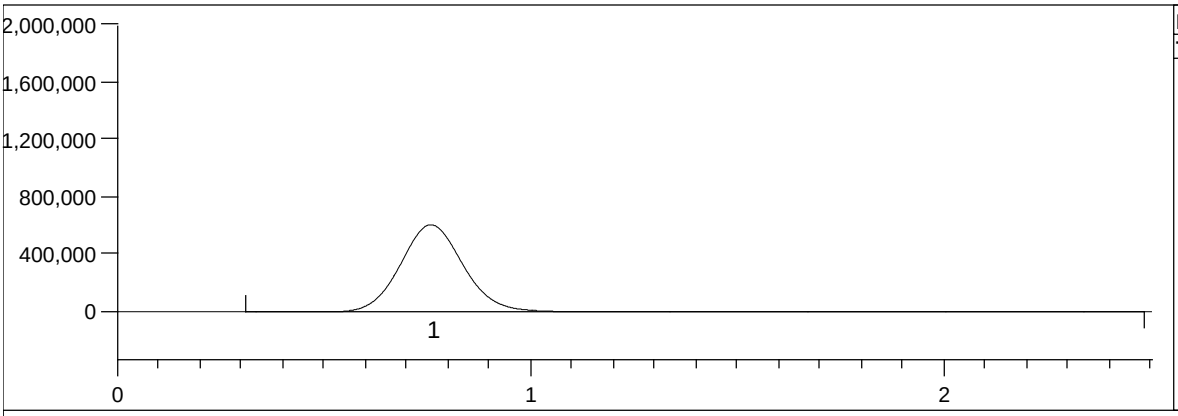
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

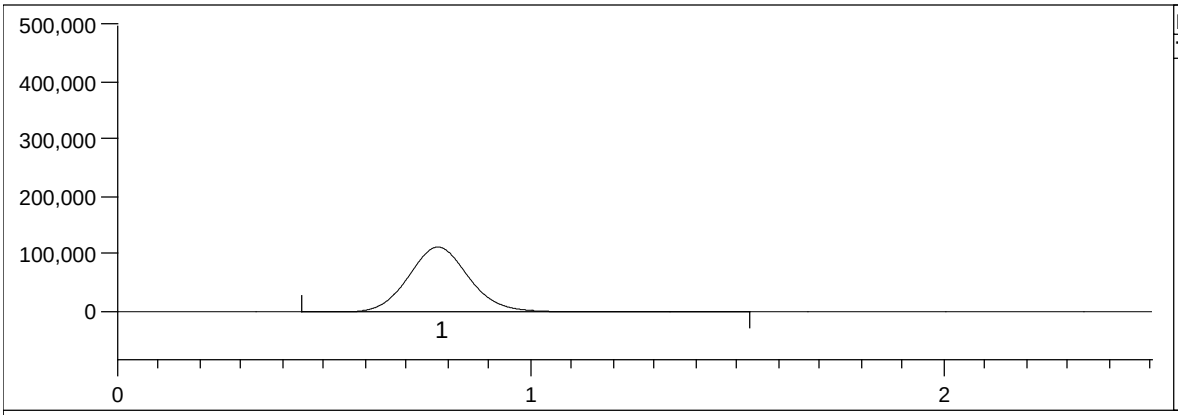
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/16/12
Time: 12:34 PM

Peak	rt	Area
1	0.75	65,011,020

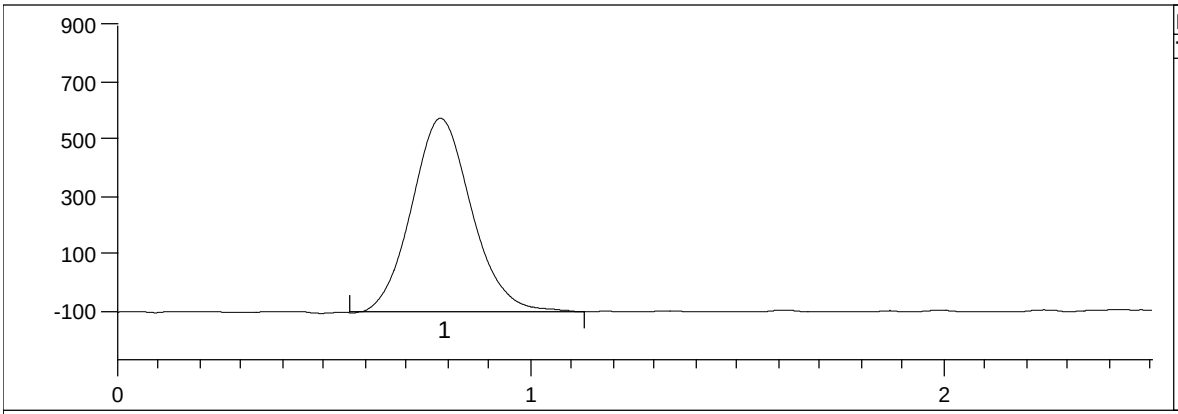
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
124	X	S	1232032-12		1	65,011,020	6,190	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 12:40 PM

Peak	rt	Area
1	0.77	11,665,717

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
125	Y	S	1232032-13		1	11,665,717	1,110	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 12:46 PM

Peak	rt	Area
1	0.78	69,534

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
126	X	S	B121452-BLK7		1	69,534	5.25	0.00		< HS	accept
Notes											

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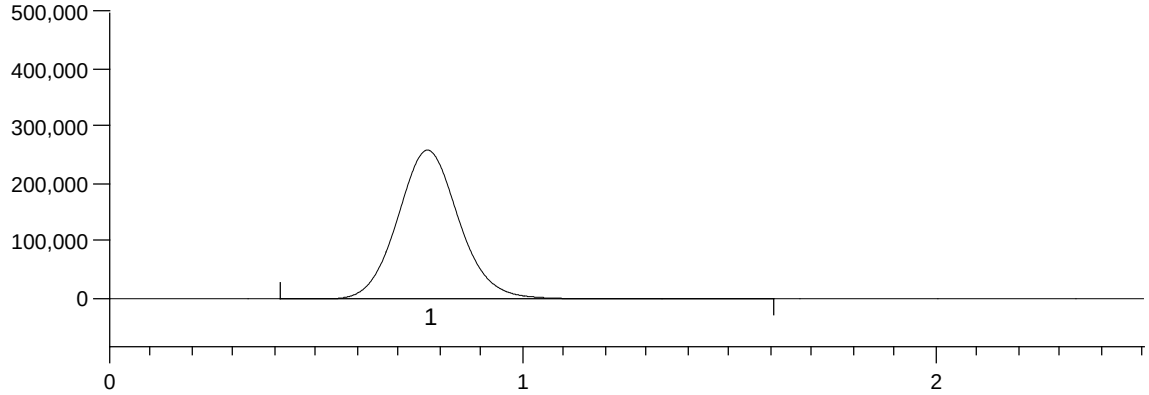
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

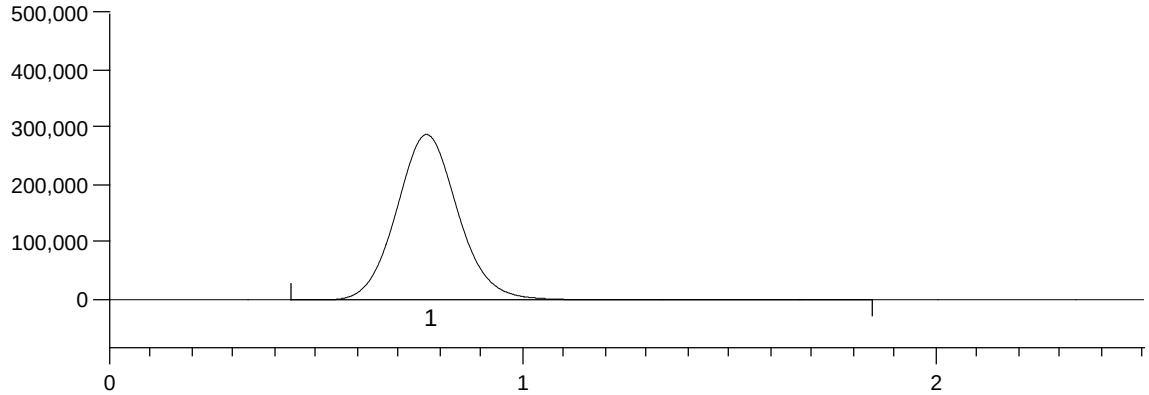
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/16/12
Time: 12:52 PM

Peak	rt	Area
1	0.76	27,000,651

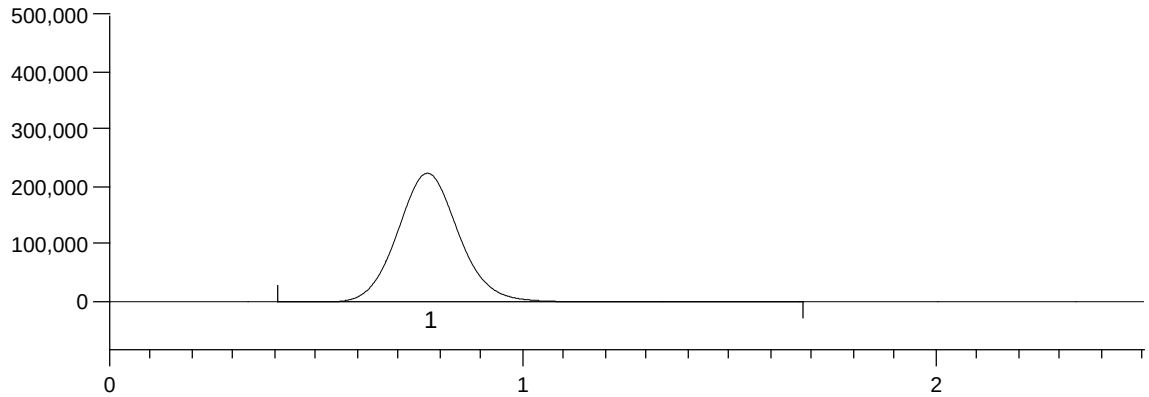
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
127	Y	S	1232032-14		1	27,000,651	2,570	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 12:58 PM

Peak	rt	Area
1	0.76	30,081,998

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
128	X	S	1232032-15		1	30,081,998	2,860	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 1:04 PM

Peak	rt	Area
1	0.76	23,309,348

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
129	Y	S	1232032-16		1	23,309,348	2,220	0.00		< HS	accept
Notes											

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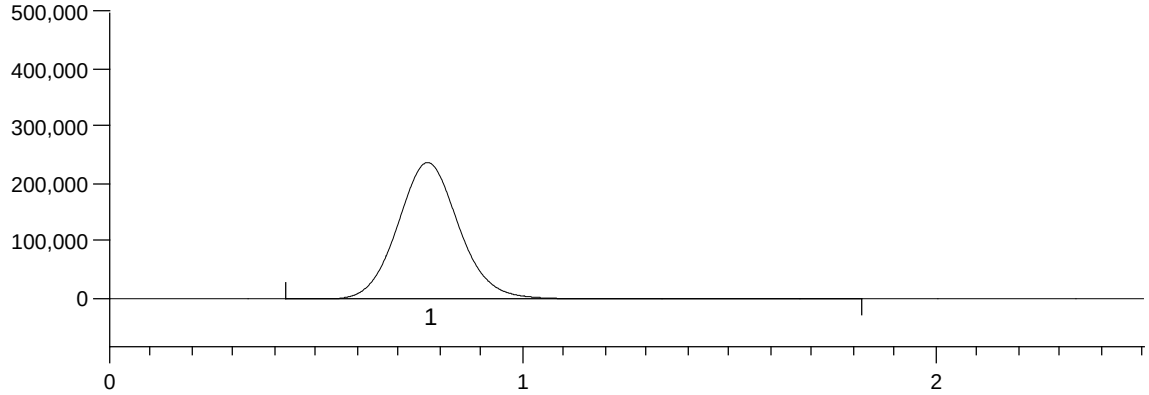
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

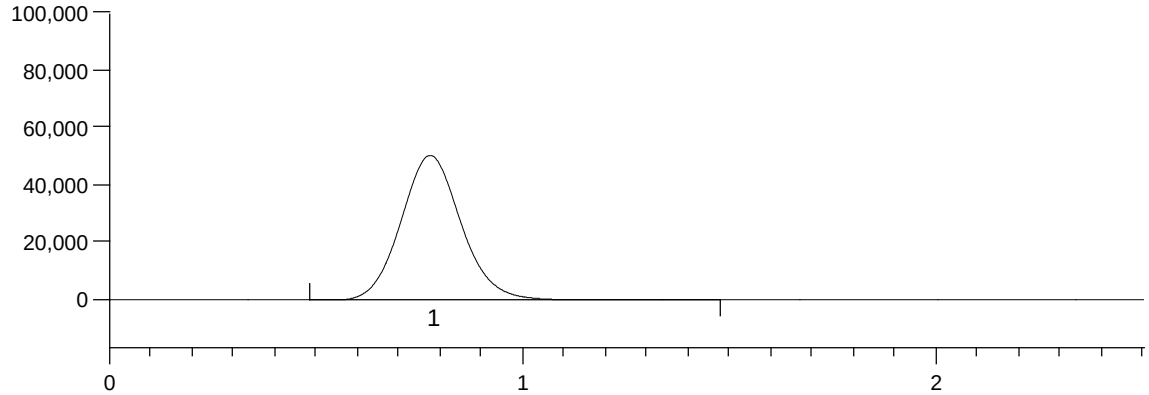
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/16/12
Time: 1:10 PM

Peak	rt	Area
1	0.76	24,739,539

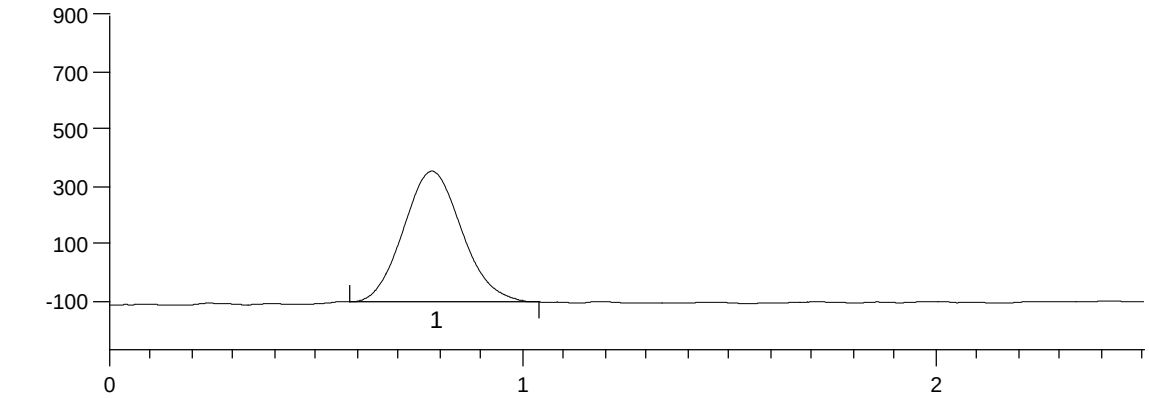
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
130	X	S	1232032-17		1	24,739,539	2,360	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 1:16 PM

Peak	rt	Area
1	0.77	5,175,762

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
131	Y	CCV	SEQ-CCV		1	5,175,762	492		98.4	77-123	accept
Notes											



Date: 8/16/12
Time: 1:22 PM

Peak	rt	Area
1	0.78	45,176

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
132	X	CCB	SEQ-CCB		1	45,176	4.30		4.30	< 50	accept
Notes											

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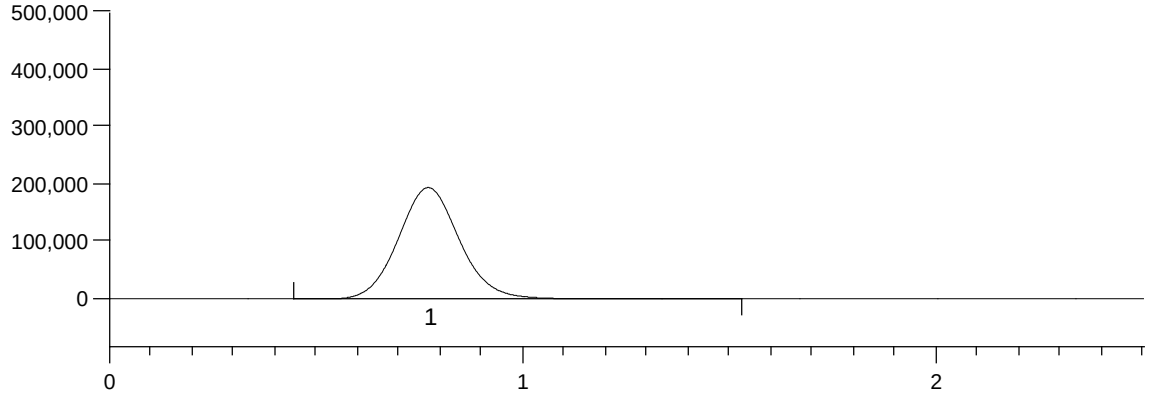
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

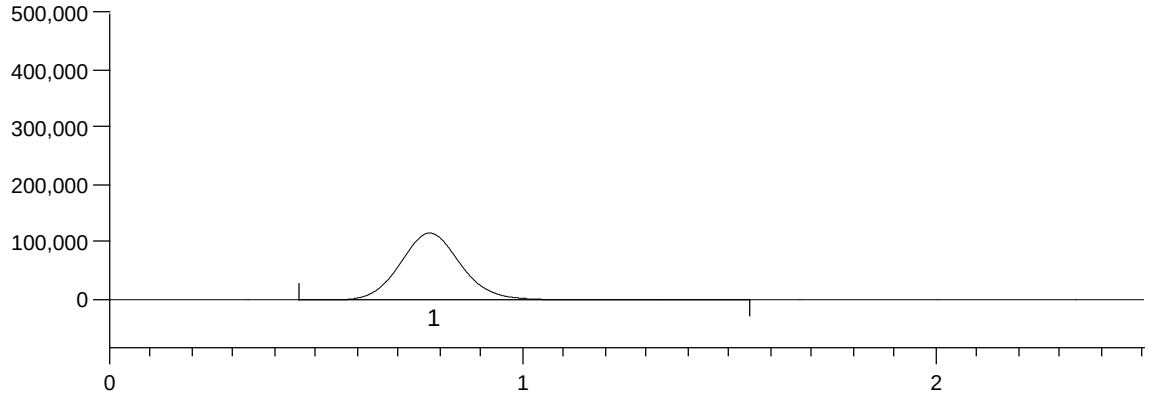
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/16/12
Time: 1:28 PM

Peak	rt	Area
1	0.77	20,123,215

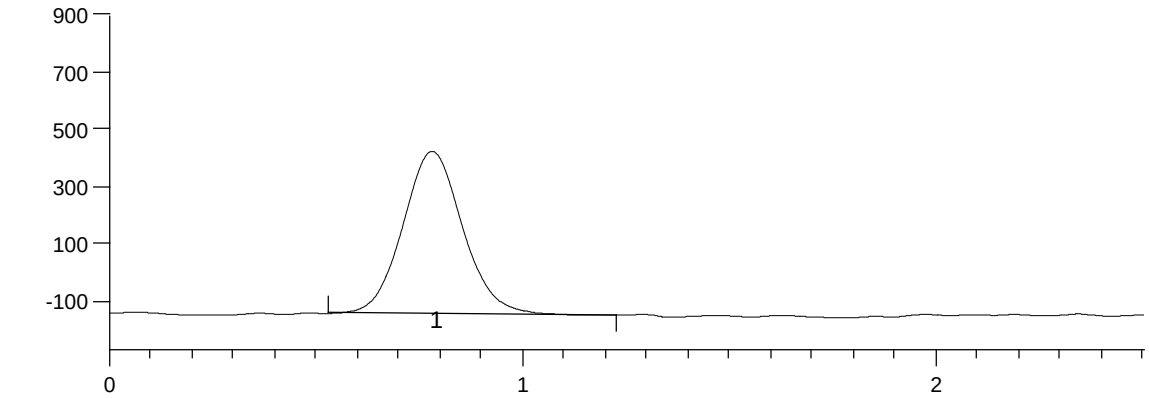
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
133	Y	S	1232032-18		1	20,123,215	1,920	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 1:34 PM

Peak	rt	Area
1	0.77	12,019,968

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
134	X	S	1232032-19		1	12,019,968	1,140	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 1:40 PM

Peak	rt	Area
1	0.78	58,020

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
135	Y	S	B121452-BLK8		1	58,020	4.15	0.00		< HS	accept
Notes											

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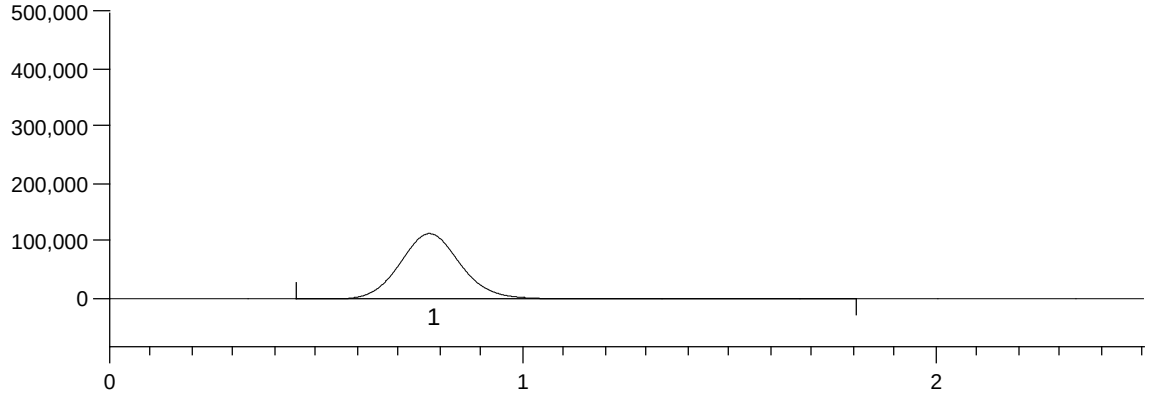
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

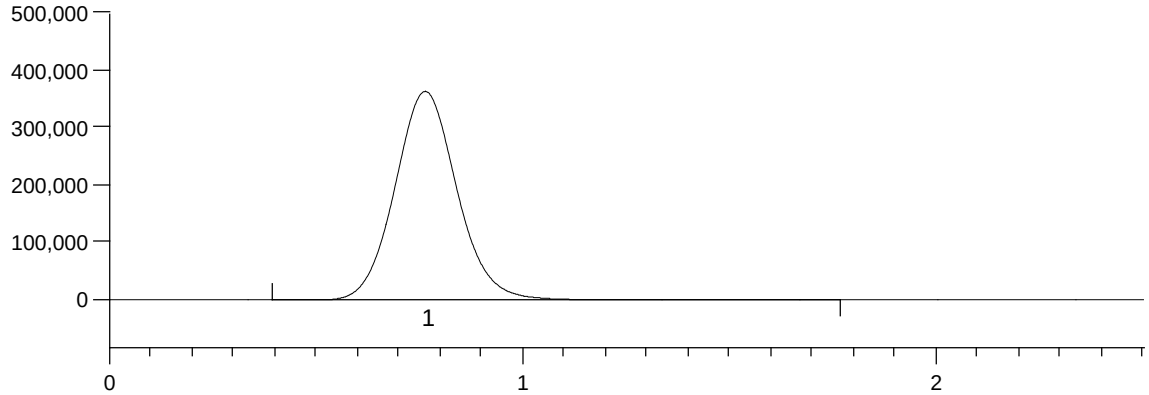
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/16/12
Time: 1:46 PM

Peak	rt	Area
1	0.77	11,764,751

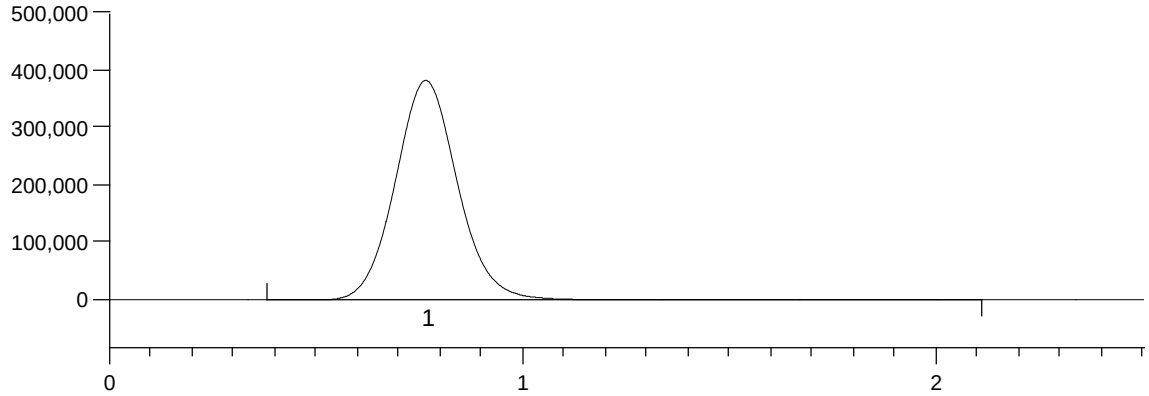
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
136	X	S	B121452-DUP2		1	11,764,751	1,120	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 1:52 PM

Peak	rt	Area
1	0.76	38,163,481

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
137	Y	S	B121452-MS2		1	38,163,481	3,630	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 1:58 PM

Peak	rt	Area
1	0.76	40,313,896

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
138	X	S	B121452-MSD2		1	40,313,896	3,840	0.00		< HS	accept
Notes											

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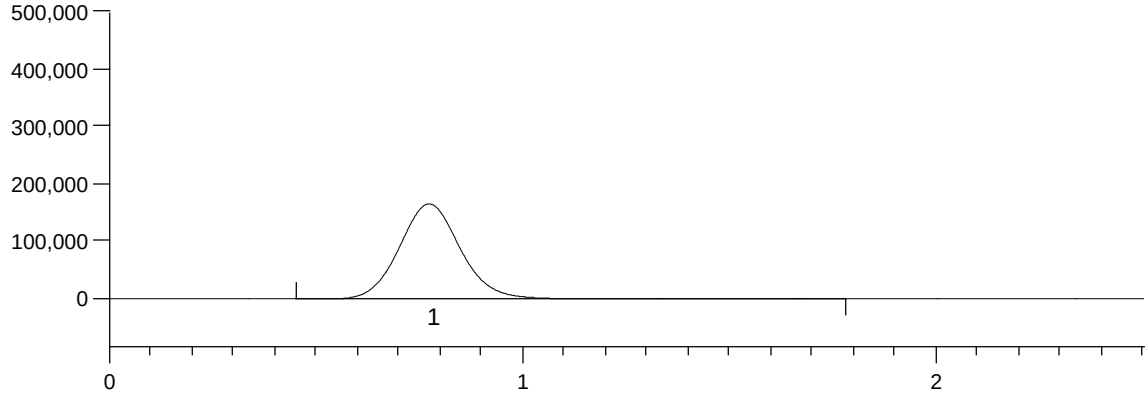
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

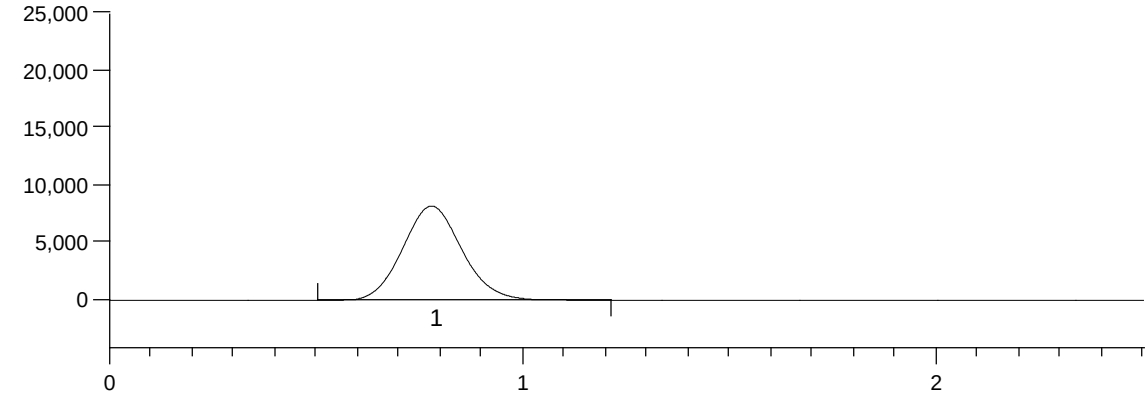
Project Number(s): 1200634 **Date Analyzed:** 8/15/12
Instrument ID: THG-06 **Analyst Name:** Labuser



Date: 8/16/12
Time: 2:04 PM

Peak	rt	Area
1	0.77	17,139,233

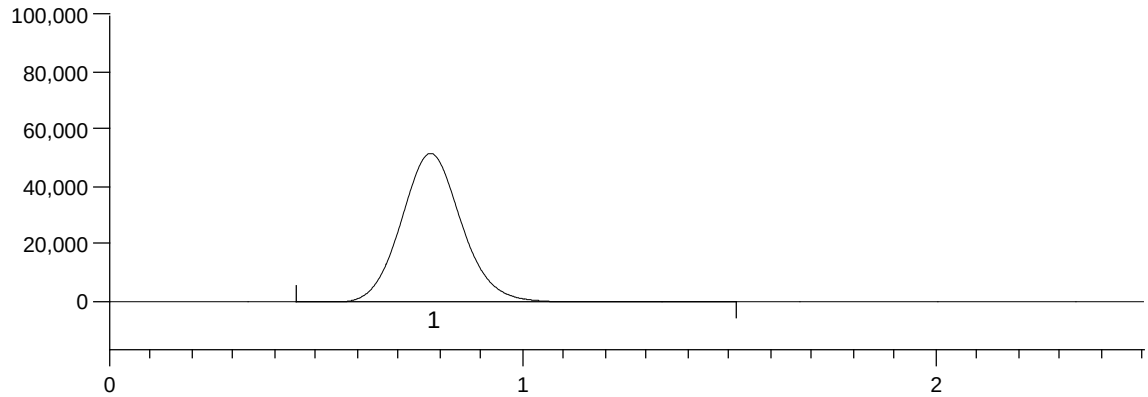
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
139	Y	S	1232032-20		1	17,139,233	1,630	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 2:10 PM

Peak	rt	Area
1	0.78	843,517

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
140	X	S	B121452-BS2		1	843,517	79.0	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 2:16 PM

Peak	rt	Area
1	0.77	5,335,860

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
141	Y	CCV	SEQ-CCV		1	5,335,860	507		101	77-123	accept
Notes											

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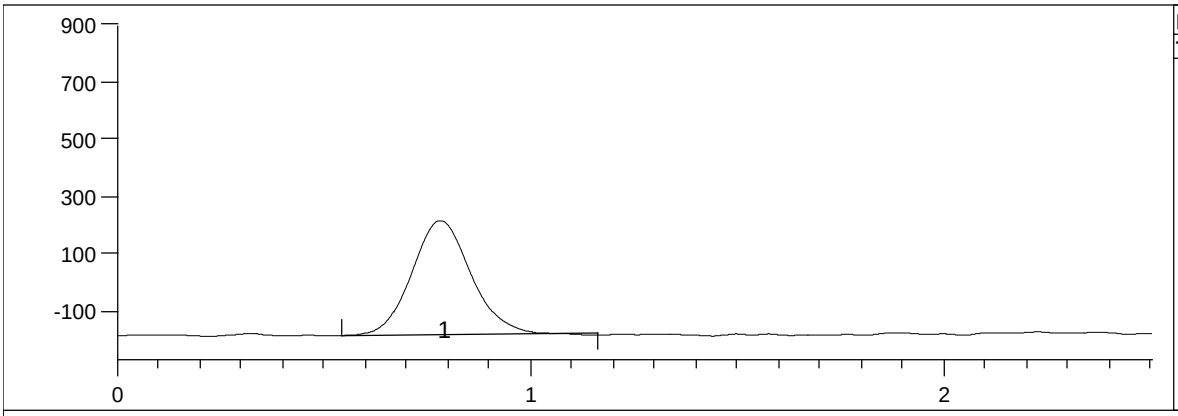
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

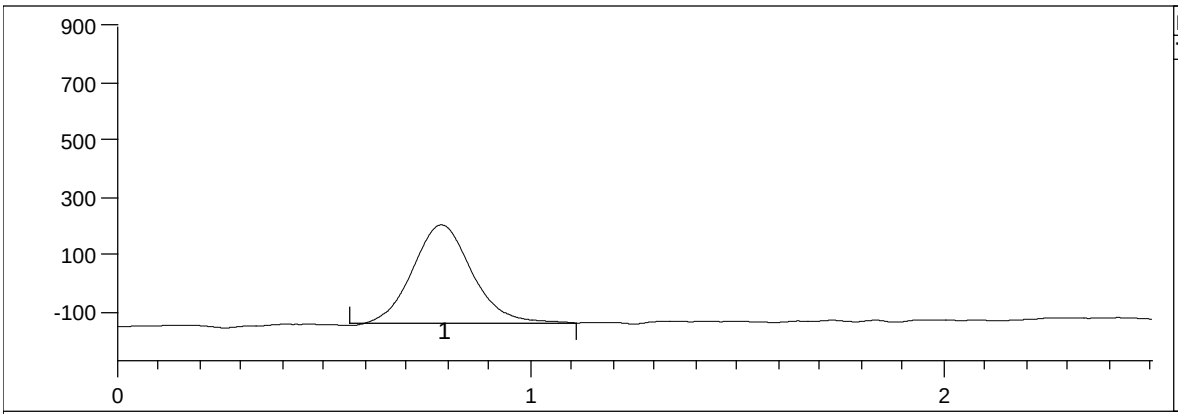
Date Analyzed: 8/15/12
Analyst Name: Labuser



Date: 8/16/12
Time: 2:22 PM

Peak	rt	Area
1	0.78	41,239

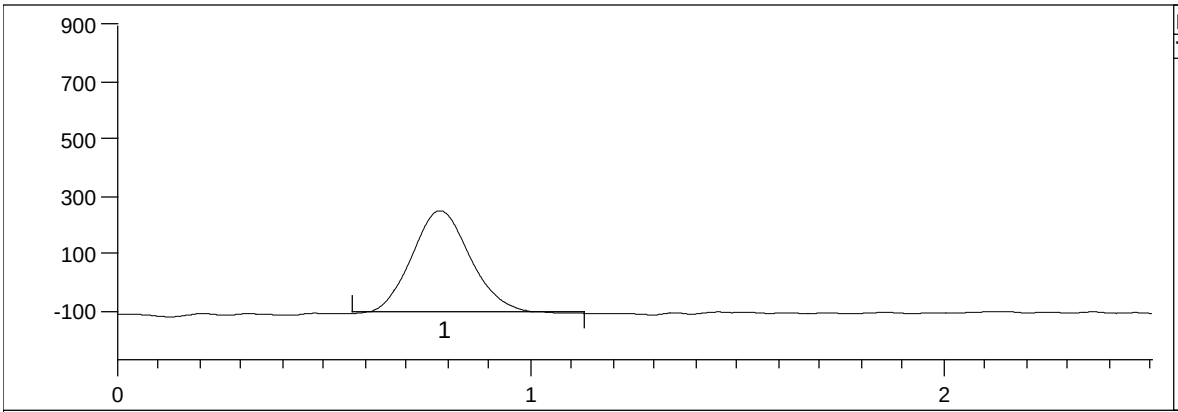
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
142	X	CCB	SEQ-CCB		1	41,239	3.93		3.93	< 50	accept
Notes											



Date: 8/16/12
Time: 2:28 PM

Peak	rt	Area
1	0.78	36,159

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
143	Y	S	B121469-BLK1		1	36,159	2.07	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 2:34 PM

Peak	rt	Area
1	0.78	36,928

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
144	X	S	B121469-BLK2		1	36,928	2.14	0.00		< HS	accept
Notes											

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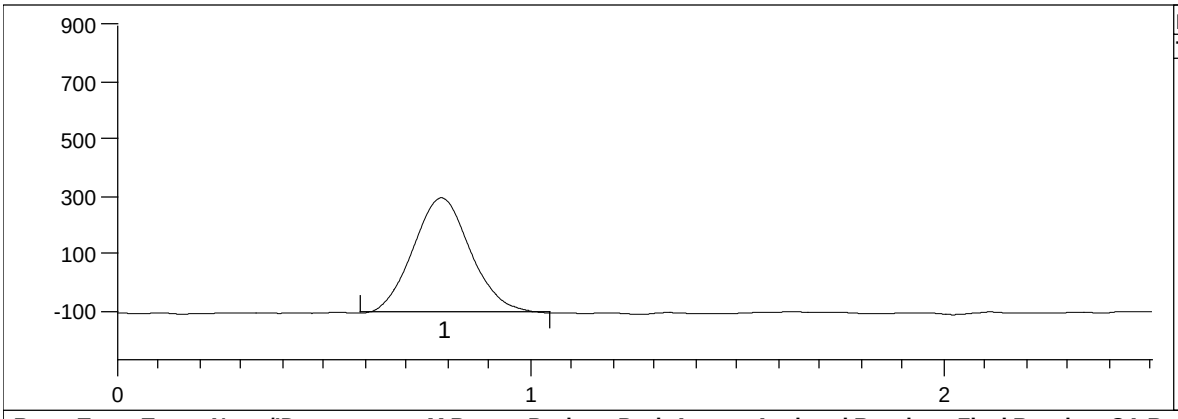
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

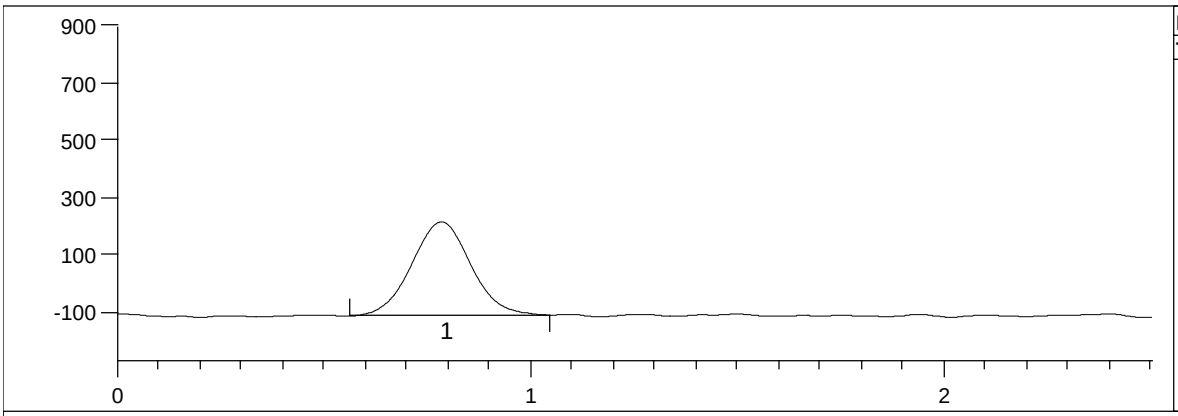
Date Analyzed: 8/15/12
Analyst Name: Labuser



Date: 8/16/12
Time: 2:40 PM

Peak	rt	Area
1	0.78	39,935

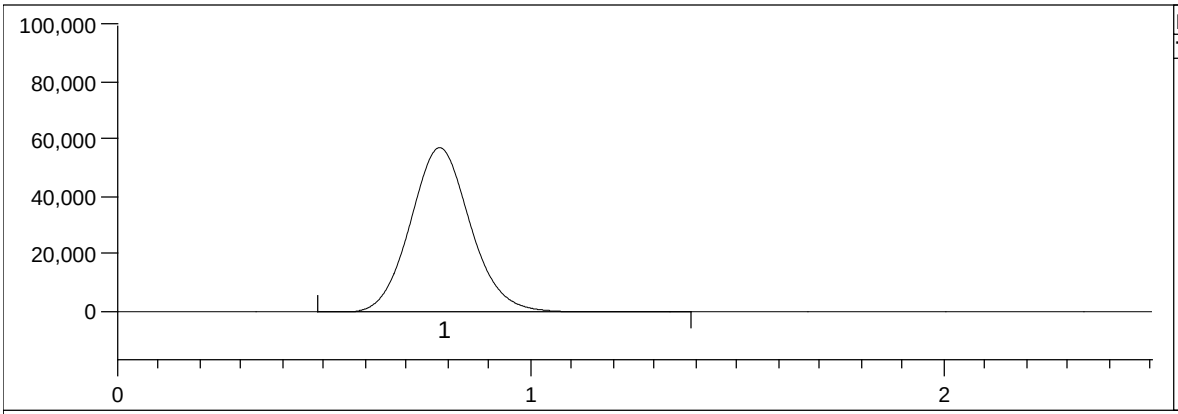
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
145	Y	S	B121469-BLK3		1	39,935	2.43	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 2:46 PM

Peak	rt	Area
1	0.78	33,296

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
146	X	S	B121469-BLK4		1	33,296	1.79	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 2:52 PM

Peak	rt	Area
1	0.78	5,878,246

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
147	Y	S	B121469-SRM1		1	5,878,246	559	0.00		< HS	accept
Notes											

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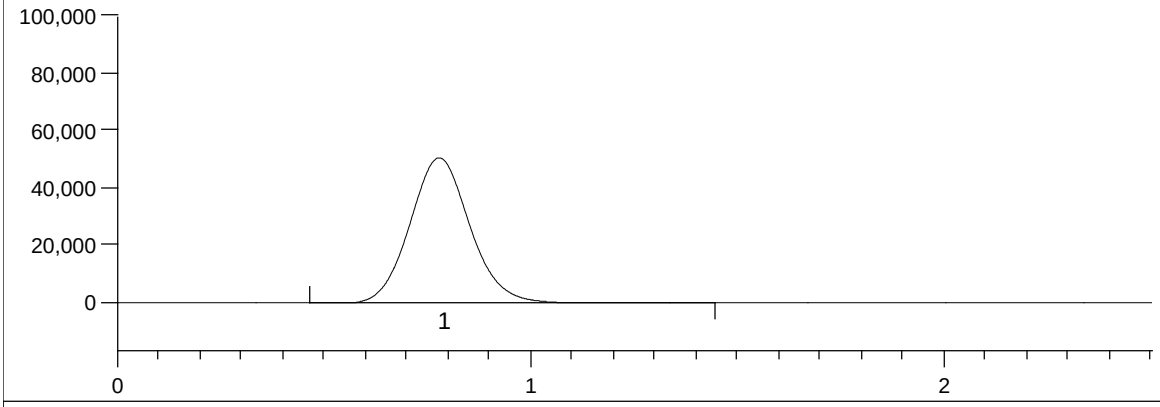
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

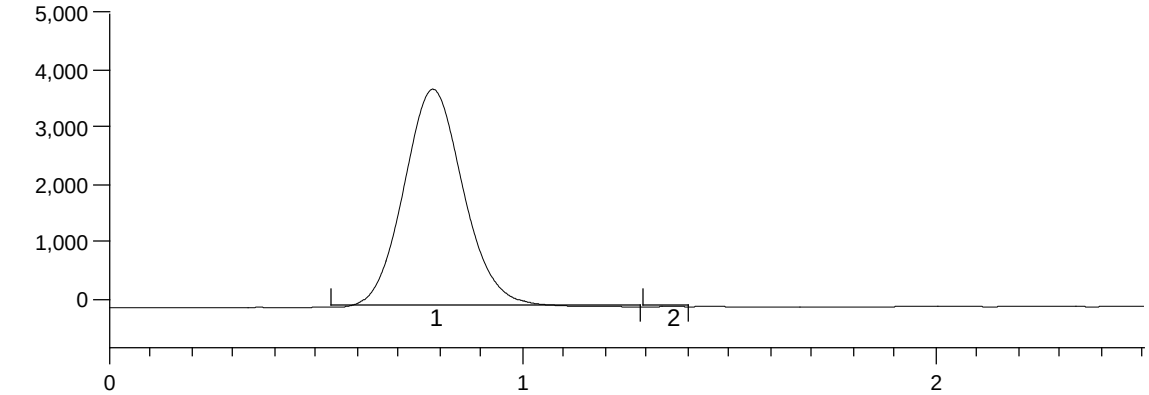
Date Analyzed: 8/15/12
Analyst Name: Labuser



Date: 8/16/12
Time: 2:58 PM

Peak	rt	Area
1	0.77	5,196,836

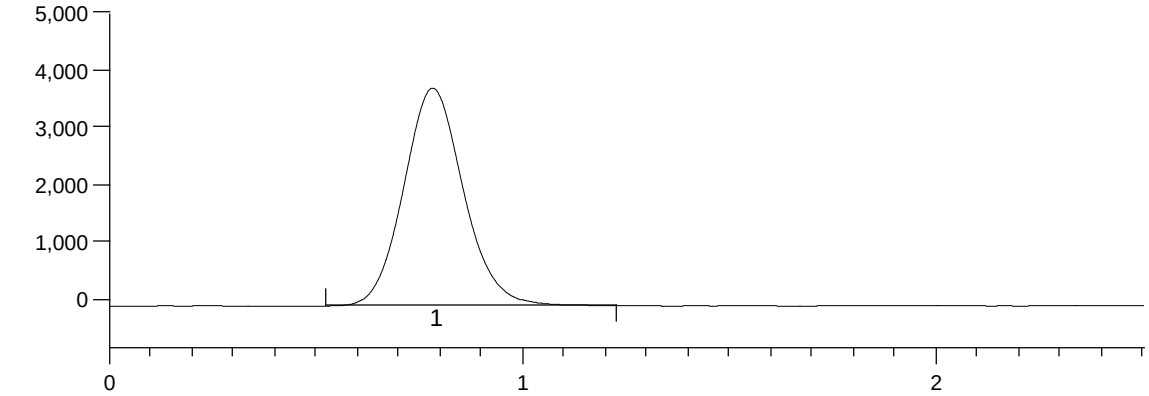
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
148	X	S	B121469-SRM2		1	5,196,836	494	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 3:04 PM

Peak	rt	Area
1	0.78	389,755
2	1.35	247

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
149	Y	S	1227031-09RE1		1	389,755	35.8	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 3:10 PM

Peak	rt	Area
1	0.78	387,065

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
150	X	S	B121469-DUP1		1	387,065	35.5	0.00		< HS	accept
Notes											

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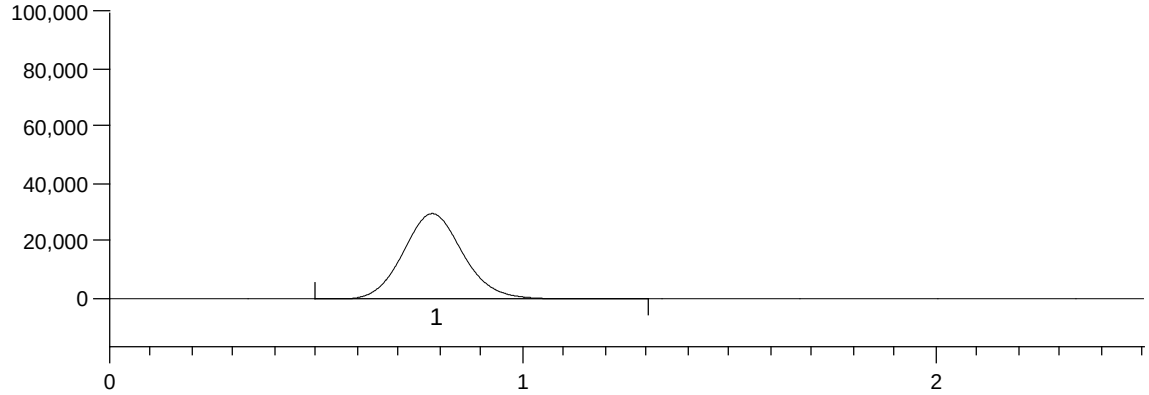
Peak Report

Batch Number: B121433, 1426, 1452, 1469
Method Number: CVAFS BR-0002

Project Number(s): 1200634
Instrument ID: THG-06

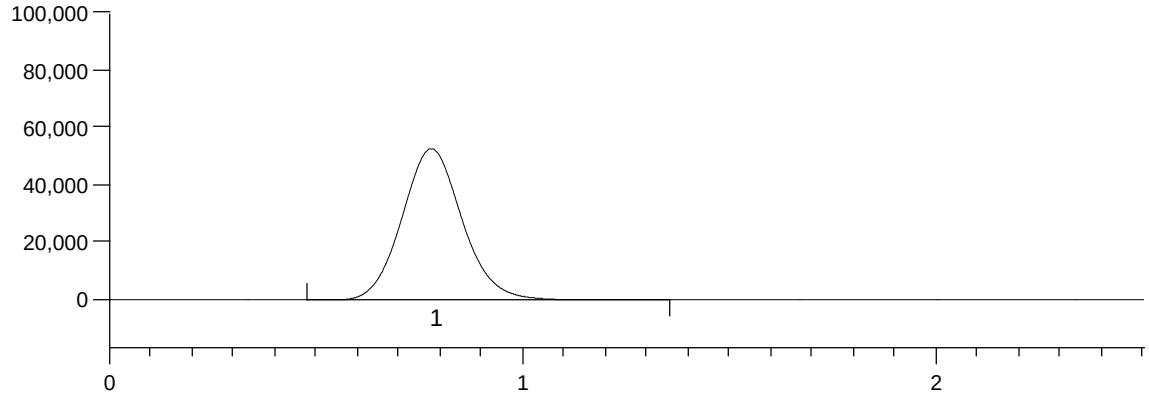
Date Analyzed: 8/15/12
Analyst Name: Labuser



Date: 8/16/12
Time: 3:16 PM

Peak	rt	Area
1	0.78	3,049,996

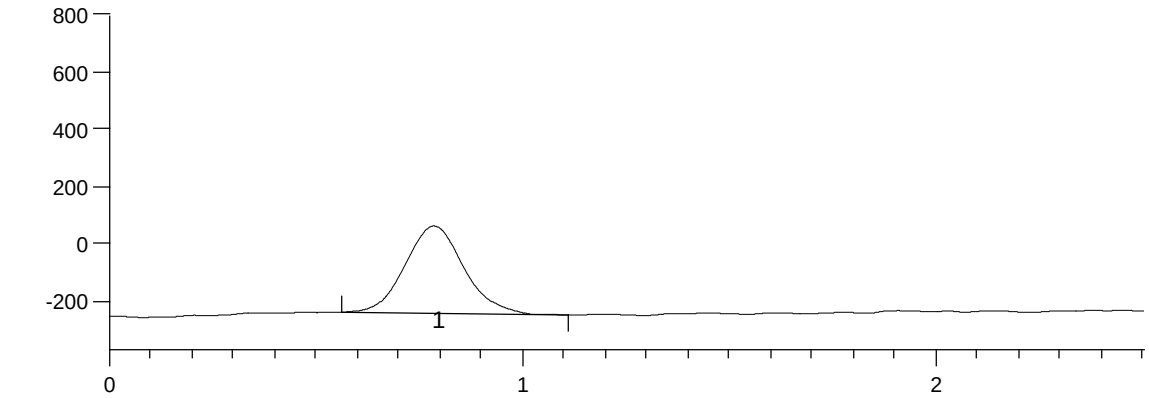
Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
151	Y	S	B121469-PS1		1	3,049,996	289	0.00		< HS	accept
Notes											



Date: 8/16/12
Time: 3:22 PM

Peak	rt	Area
1	0.78	5,408,875

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
152	X	CCV	SEQ-CCV		1	5,408,875	514		103	77-123	accept
Notes											



Date: 8/16/12
Time: 3:28 PM

Peak	rt	Area
1	0.78	30,485

Run	Trap	Type	Name/ID	M B	Peak	Peak Area	Analyzed Result	Final Result	QA Results	Criteria	Notes
153	Y	CCB	SEQ-CCB		1	30,485	2.90		2.90	< 50	accept
Notes											

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ANALYSIS SEQUENCE

1200676

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200676-ICB1	1200676	QC	1		-			
1200676-CAL1	1200676	QC	2	1228008	-			
1200676-CAL2	1200676	QC	3	1228007	-			
1200676-CAL3	1200676	QC	4	1228006	-			
1200676-CAL4	1200676	QC	5	1228005	-			
1200676-CAL5	1200676	QC	6	1228004	-			
1200676-CAL6	1200676	QC	7	1228003	-			
1200676-CAL7	1200676	QC	8	1228002	-			
1200676-CAL8	1200676	QC	9	1228001	-			
1200676-ICB2	1200676	QC	10		-			
1200676-ICV1	1200676	QC	11	1226014	-			
1200676-ICB3	1200676	QC	12		-			
1200676-IBL1	1200676	QC	13		-			
1200676-IBL2	1200676	QC	14		-			
1200676-IBL3	1200676	QC	15		-			
1200676-IBL4	1200676	QC	16		-			
1200676-SCV1	1200676	QC	17	1215030	-			
1200676-CCV1	1200676	QC	18	1228005	-			
1200676-CCB1	1200676	QC	19		-			
B121475-BLK1	B121475	QC	20		-			
B121475-BLK2	B121475	QC	21		-			
B121475-BLK3	B121475	QC	22		-			
B121475-BLK4	B121475	QC	23		-			
B121475-BS1	B121475	QC	24		-			
B121475-SRM1	B121475	QC	25		-			
B121475-SRM2	B121475	QC	26		-			

ANALYSIS SEQUENCE

1200676

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200676-CCV2	1200676	QC	27	1228005	-			
1200676-CCB2	1200676	QC	28		-			
1233010-04	B121475	As-B-HNO3-DRC	29			DBE-RK1102	9/7/2012	
1233010-05	B121475	As-B-HNO3-DRC	30			DBE-RK1102	9/7/2012	
1233010-06	B121475	As-B-HNO3-DRC	31			DBE-RK1102	9/7/2012	
B121475-DUP1	B121475	QC	32		1233010-06			
B121475-MS1	B121475	QC	33		1233010-06			
B121475-MSD1	B121475	QC	34		1233010-06			
1200676-CCV3	1200676	QC	35	1228005	-			
1200676-CCB3	1200676	QC	36		-			
B121534-BLK1	B121534	QC	37		-			
B121534-BLK2	B121534	QC	38		-			
B121534-BLK3	B121534	QC	39		-			
B121534-BLK4	B121534	QC	40		-			
B121534-SRM1	B121534	QC	41		-			
B121534-SRM2	B121534	QC	42		-			
1233046-01	B121534	As-B-MW-DRC	43			BFF-BR1201	8/23/2012	
B121534-DUP1	B121534	QC	44		1233046-01			
B121534-MS1	B121534	QC	45		1233046-01			
B121534-MSD1	B121534	QC	46		1233046-01			
1200676-CCV4	1200676	QC	47	1228005	-			
1200676-CCB4	1200676	QC	48		-			
B121535-BLK1	B121535	QC	49		-			
B121535-BLK2	B121535	QC	50		-			
B121535-BLK3	B121535	QC	51		-			
B121535-BLK4	B121535	QC	52		-			

ANALYSIS SEQUENCE

1200676

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
B121535-BS1	B121535	QC	53		-			
B121535-SRM1	B121535	QC	54		-			
B121585-BLK1	B121585	QC	55		-			
B121585-BLK2	B121585	QC	56		-			
B121585-BLK3	B121585	QC	57		-			
B121585-BLK4	B121585	QC	58		-			
B121585-BS1	B121585	QC	59		-			
B121585-SRM1	B121585	QC	60		-			
B121538-BLK1	B121538	QC	61		-			
B121538-BLK2	B121538	QC	62		-			
B121538-BLK3	B121538	QC	63		-			
B121538-BLK4	B121538	QC	64		-			
B121538-BS1	B121538	QC	65		-			
B121538-SRM1	B121538	QC	66		-			
1232022-43	B121535	Se-FW-Oven-DRC-NoMB-Diss	67			AAL-MN1101	1/1/1980	BatchQC
1232022-43	B121535	Se-FW-Oven-DRC-NoMB-TR	68			AAL-MN1101	9/4/2012	
B121535-DUP1	B121535	QC	69		1232022-43			
B121535-MS1	B121535	QC	70		1232022-43			
B121535-MSD1	B121535	QC	71		1232022-43			
1200676-CCV5	1200676	QC	72	1228005	-			
1200676-CCB5	1200676	QC	73		-			
1232022-44	B121535	Se-FW-Oven-DRC-NoMB-Diss	74			AAL-MN1101	9/4/2012	
1232022-45	B121535	Se-FW-Oven-DRC-NoMB-TR	75			AAL-MN1101	9/4/2012	
1232022-46	B121535	Se-FW-Oven-DRC-NoMB-Diss	76			AAL-MN1101	9/4/2012	
1232022-47	B121535	Se-FW-Oven-DRC-NoMB-TR	77			AAL-MN1101	9/4/2012	
1232022-48	B121535	Se-FW-Oven-DRC-NoMB-Diss	78			AAL-MN1101	9/4/2012	

ANALYSIS SEQUENCE

1200676

Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1232022-49	B121535	Se-FW-Oven-DRC-NoMB-TR	79			AAL-MN1101	9/4/2012	
1232022-50	B121535	Se-FW-Oven-DRC-NoMB-Diss	80			AAL-MN1101	9/4/2012	
1200676-CCV6	1200676	QC	81	1228005	-			
1200676-CCB6	1200676	QC	82		-			
1234033-01	B121585	200.8-As-FW-Oven-DRC-TR	83			MBL-BA0902	9/12/2012	FGD
1234033-01	B121585	200.8-Se-FW-Oven-DRC-TR	84			MBL-BA0902	9/12/2012	FGD
B121585-DUP1	B121585	QC	85		1234033-01			
B121585-MS1	B121585	QC	86		1234033-01			
B121585-MSD1	B121585	QC	87		1234033-01			
1234033-02	B121585	200.8-As-FW-Oven-DRC-TR	88			MBL-BA0902	9/12/2012	FGD
1234033-02	B121585	200.8-Se-FW-Oven-DRC-TR	89			MBL-BA0902	9/12/2012	FGD
B121585-DUP2	B121585	QC	90		1234033-02			
B121585-MS2	B121585	QC	91		1234033-02			
B121585-MSD2	B121585	QC	92		1234033-02			
1200676-CCV7	1200676	QC	93	1228004	-			
1200676-CCB7	1200676	QC	94		-			
1234033-03	B121585	200.8-As-FW-Oven-DRC-TR	95			MBL-BA0902	9/12/2012	FGD
1234033-03	B121585	200.8-Se-FW-Oven-DRC-TR	96			MBL-BA0902	9/12/2012	FGD
1234033-04	B121585	200.8-As-FW-Oven-DRC-TR	97			MBL-BA0902	9/12/2012	FGD
1234033-04	B121585	200.8-Se-FW-Oven-DRC-TR	98			MBL-BA0902	9/12/2012	FGD
1234033-05	B121585	200.8-As-FW-Oven-DRC-TR	99			MBL-BA0902	9/12/2012	FGD
1234033-05	B121585	200.8-Se-FW-Oven-DRC-TR	100			MBL-BA0902	9/12/2012	FGD
1234033-06	B121585	200.8-As-FW-Oven-DRC-TR	101			MBL-BA0902	9/12/2012	FGD
1234033-06	B121585	200.8-Se-FW-Oven-DRC-TR	102			MBL-BA0902	9/12/2012	FGD
1234033-07	B121585	200.8-As-FW-Oven-DRC-TR	103			MBL-BA0902	9/12/2012	FGD
1234033-07	B121585	200.8-Se-FW-Oven-DRC-TR	104			MBL-BA0902	9/12/2012	FGD

ANALYSIS SEQUENCE

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Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1234033-08	B121585	200.8-As-FW-Oven-DRC-TR	105			MBL-BA0902	9/12/2012	FGD
1234033-08	B121585	200.8-Se-FW-Oven-DRC-TR	106			MBL-BA0902	9/12/2012	FGD
1200676-CCV8	1200676	QC	107	1228004	-			
1200676-CCB8	1200676	QC	108		-			
1234033-09	B121585	200.8-As-FW-Oven-DRC-TR	109			MBL-BA0902	9/12/2012	FGD
1234033-09	B121585	200.8-Se-FW-Oven-DRC-TR	110			MBL-BA0902	9/12/2012	FGD
1234033-10	B121585	200.8-As-FW-Oven-DRC-TR	111			MBL-BA0902	9/12/2012	FGD
1234033-10	B121585	200.8-Se-FW-Oven-DRC-TR	112			MBL-BA0902	9/12/2012	FGD
1234033-11	B121585	200.8-As-FW-Oven-DRC-TR	113			MBL-BA0902	9/12/2012	FGD
1234033-11	B121585	200.8-Se-FW-Oven-DRC-TR	114			MBL-BA0902	9/12/2012	FGD
1234033-12	B121585	200.8-As-FW-Oven-DRC-TR	115			MBL-BA0902	9/12/2012	FGD
1234033-12	B121585	200.8-Se-FW-Oven-DRC-TR	116			MBL-BA0902	9/12/2012	FGD
1200676-CCV9	1200676	QC	117	1228004	-			
1200676-CCB9	1200676	QC	118		-			
1233048-01	B121538	Se-FW-Oven-DRC-TR	119			IID-IM1201	9/11/2012	
B121538-DUP1	B121538	QC	120		1233048-01			
B121538-MS1	B121538	QC	121		1233048-01			
B121538-MSD1	B121538	QC	122		1233048-01			
1233048-02	B121538	Se-FW-Oven-DRC-TR	123			IID-IM1201	9/11/2012	
1233048-03	B121538	Se-FW-Oven-DRC-TR	124			IID-IM1201	9/11/2012	
1233048-04	B121538	Se-FW-Oven-DRC-TR	125			IID-IM1201	9/11/2012	
1233048-05	B121538	Se-FW-Oven-DRC-TR	126			IID-IM1201	9/11/2012	
1233048-06	B121538	Se-FW-Oven-DRC-TR	127			IID-IM1201	9/11/2012	
1233048-07	B121538	Se-FW-Oven-DRC-TR	128			IID-IM1201	9/11/2012	
1200676-CCVA	1200676	QC	129	1228004	-			
1200676-CCBA	1200676	QC	130		-			

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Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
B121476-BLK1	B121476	QC	131		-			
B121476-BLK2	B121476	QC	132		-			
B121476-BLK3	B121476	QC	133		-			
B121476-BLK4	B121476	QC	134		-			
B121476-BS1	B121476	QC	135		-			
B121476-SRM1	B121476	QC	136		-			
1233002-01	B121476	Se-FW-Oven-DRC-NoMB-TR	137			AAL-MN1101	9/9/2012	
1233002-02	B121476	Se-FW-Oven-DRC-NoMB-Diss	138			AAL-MN1101	9/9/2012	
1233002-03	B121476	Se-FW-Oven-DRC-NoMB-Diss	139			AAL-MN1101	1/1/1980	BatchQC
1233002-03	B121476	Se-FW-Oven-DRC-NoMB-TR	140			AAL-MN1101	9/9/2012	
B121476-MS1	B121476	QC	141		1233002-03			
B121476-MSD1	B121476	QC	142		1233002-03			
1200676-CCVB	1200676	QC	143	1228004	-			
1200676-CCBB	1200676	QC	144		-			
B121476-DUP1	B121476	QC	145		1233002-03			
1233002-04	B121476	Se-FW-Oven-DRC-NoMB-Diss	146			AAL-MN1101	9/9/2012	
1233002-05	B121476	Se-FW-Oven-DRC-NoMB-Diss	147			AAL-MN1101	1/1/1980	BatchQC
1233002-05	B121476	Se-FW-Oven-DRC-NoMB-TR	148			AAL-MN1101	9/9/2012	
B121476-DUP2	B121476	QC	149		1233002-05			
B121476-MS2	B121476	QC	150		1233002-05			
B121476-MSD2	B121476	QC	151		1233002-05			
1233002-06	B121476	Se-FW-Oven-DRC-NoMB-Diss	152			AAL-MN1101	9/9/2012	
1233002-07	B121476	Se-FW-Oven-DRC-NoMB-TR	153			AAL-MN1101	9/9/2012	
1233002-08	B121476	Se-FW-Oven-DRC-NoMB-Diss	154			AAL-MN1101	9/9/2012	
1233002-09	B121476	Se-FW-Oven-DRC-NoMB-TR	155			AAL-MN1101	9/9/2012	
1233002-10	B121476	Se-FW-Oven-DRC-NoMB-Diss	156			AAL-MN1101	9/9/2012	

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Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200676-CCVC	1200676	QC	157	1228004	-			
1200676-CCBC	1200676	QC	158		-			
1233002-11	B121476	Se-FW-Oven-DRC-NoMB-TR	159			AAL-MN1101	9/9/2012	
1233002-12	B121476	Se-FW-Oven-DRC-NoMB-Diss	160			AAL-MN1101	9/9/2012	
1233002-13	B121476	Se-FW-Oven-DRC-NoMB-TR	161			AAL-MN1101	9/9/2012	
1233002-14	B121476	Se-FW-Oven-DRC-NoMB-Diss	162			AAL-MN1101	9/9/2012	
1233002-17	B121476	Se-FW-Oven-DRC-NoMB-Diss	163			AAL-MN1101	1/1/1980	BatchQC
1233002-17	B121476	Se-FW-Oven-DRC-NoMB-TR	164			AAL-MN1101	9/9/2012	
B121476-DUP3	B121476	QC	165		1233002-17			
B121476-MS3	B121476	QC	166		1233002-17			
B121476-MSD3	B121476	QC	167		1233002-17			
1233002-18	B121476	Se-FW-Oven-DRC-NoMB-TR	168			AAL-MN1101	1/1/1980	BatchQC
1233002-18	B121476	Se-FW-Oven-DRC-NoMB-Diss	169			AAL-MN1101	9/9/2012	
B121476-DUP4	B121476	QC	170		1233002-18			
1200676-CCVD	1200676	QC	171	1228004	-			
1200676-CCBD	1200676	QC	172		-			
B121476-MS4	B121476	QC	173		1233002-18			
B121476-MSD4	B121476	QC	174		1233002-18			
1233002-19	B121476	Se-FW-Oven-DRC-NoMB-TR	175			AAL-MN1101	9/9/2012	
1233002-20	B121476	Se-FW-Oven-DRC-NoMB-Diss	176			AAL-MN1101	9/9/2012	
1233002-21	B121476	Se-FW-Oven-DRC-NoMB-TR	177			AAL-MN1101	9/9/2012	
1233002-22	B121476	Se-FW-Oven-DRC-NoMB-Diss	178			AAL-MN1101	9/9/2012	
1233002-23	B121476	Se-FW-Oven-DRC-NoMB-TR	179			AAL-MN1101	9/9/2012	
1233002-24	B121476	Se-FW-Oven-DRC-NoMB-Diss	180			AAL-MN1101	9/9/2012	
1233002-25	B121476	Se-FW-Oven-DRC-NoMB-TR	181			AAL-MN1101	9/9/2012	
1233002-26	B121476	Se-FW-Oven-DRC-NoMB-Diss	182			AAL-MN1101	9/9/2012	

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Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200676-CCVE	1200676	QC	183	1228003	-			
1200676-CCBE	1200676	QC	184		-			
B121449-BLK1	B121449	QC	185		-			
B121449-BLK2	B121449	QC	186		-			
B121449-BLK3	B121449	QC	187		-			
B121449-BLK4	B121449	QC	188		-			
B121449-BS1	B121449	QC	189		-			
B121449-SRM1	B121449	QC	190		-			
B121449-SRM2	B121449	QC	191		-			
1232023-01	B121449	Se-B-HNO3-DRC	192			UDE-SL1201	9/18/2012	
B121449-DUP1	B121449	QC	193		1232023-01			
1200676-CCVF	1200676	QC	194	1228003	-			
1200676-CCBF	1200676	QC	195		-			
B121449-MS1	B121449	QC	196		1232023-01			
B121449-MSD1	B121449	QC	197		1232023-01			
1232023-02	B121449	Se-B-HNO3-DRC	198			UDE-SL1201	9/18/2012	
1232023-03	B121449	Se-B-HNO3-DRC	199			UDE-SL1201	9/18/2012	
1232023-04	B121449	Se-B-HNO3-DRC	200			UDE-SL1201	9/18/2012	
1232023-05	B121449	Se-B-HNO3-DRC	201			UDE-SL1201	9/18/2012	
1232023-06	B121449	Se-B-HNO3-DRC	202			UDE-SL1201	9/18/2012	
1232023-07	B121449	Se-B-HNO3-DRC	203			UDE-SL1201	9/18/2012	
1232023-08	B121449	Se-B-HNO3-DRC	204			UDE-SL1201	9/18/2012	
1200676-CCVG	1200676	QC	205	1228003	-			
1200676-CCBG	1200676	QC	206		-			
1232023-09	B121449	Se-B-HNO3-DRC	207			UDE-SL1201	9/18/2012	
1232023-10	B121449	Se-B-HNO3-DRC	208			UDE-SL1201	9/18/2012	

ANALYSIS SEQUENCE

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Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1232023-11	B121449	Se-B-HNO3-DRC	209			UDE-SL1201	9/18/2012	
B121449-DUP2	B121449	QC	210		1232023-04			
B121449-MS2	B121449	QC	211		1232023-04			
B121449-MSD2	B121449	QC	212		1232023-04			
1232023-12	B121449	Se-B-HNO3-DRC	213			UDE-SL1201	9/18/2012	
1232023-13	B121449	Se-B-HNO3-DRC	214			UDE-SL1201	9/18/2012	
1232023-14	B121449	Se-B-HNO3-DRC	215			UDE-SL1201	9/18/2012	
1232023-15	B121449	Se-B-HNO3-DRC	216			UDE-SL1201	9/18/2012	
1200676-CCVH	1200676	QC	217	1228003	-			
1200676-CCBH	1200676	QC	218		-			
1232023-16	B121449	Se-B-HNO3-DRC	219			UDE-SL1201	9/18/2012	
1232023-17	B121449	Se-B-HNO3-DRC	220			UDE-SL1201	9/18/2012	
1232023-18	B121449	Se-B-HNO3-DRC	221			UDE-SL1201	9/18/2012	
1232023-19	B121449	Se-B-HNO3-DRC	222			UDE-SL1201	9/18/2012	
1200676-CCVI	1200676	QC	223	1228003	-			
1200676-CCBI	1200676	QC	224		-			
1232023-20	B121449	Se-B-HNO3-DRC	225			UDE-SL1201	9/18/2012	
1232023-21	B121449	Se-B-HNO3-DRC	226			UDE-SL1201	9/18/2012	
B121449-DUP3	B121449	QC	227		1232023-21			
B121449-MS3	B121449	QC	228		1232023-21			
B121449-MSD3	B121449	QC	229		1232023-21			
1232023-22	B121449	Se-B-HNO3-DRC	230			UDE-SL1201	9/18/2012	
1232023-23	B121449	Se-B-HNO3-DRC	231			UDE-SL1201	9/18/2012	
1232023-24	B121449	Se-B-HNO3-DRC	232			UDE-SL1201	9/18/2012	
1232023-25	B121449	Se-B-HNO3-DRC	233			UDE-SL1201	9/18/2012	
1200676-CCVJ	1200676	QC	234	1228003	-			

ANALYSIS SEQUENCE

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Brooks Rand Labs

Instrument: ICP-MS-2

Lab Number	Batch #	Analysis	Order	STD ID	Source ID	BRL Project #	Due	Comments
1200676-CCBJ	1200676	QC	235		-			

ICP-MS Analysis Benchsheet Batch No: B121449-121476-121538
~~B121585-121535-121534-121475~~

BR-0060 standard / DRC mode (circle one)

(BRL procedure for the analysis of samples by ~~EPA Methods 1638, 200.8, 6020A~~, and 1640)

Analyst: TMU Date: 8/30/2012

Instrument ID: ICP-MS2 cHNO3 ID: 1229014 cHCl ID: NA

Calibration recorded in LIMS Int Std: 1214031 SEQ: 1200676

A/S #	Batch	Sample ID	Dilution	Comments
1		warm up		
1		warm up		
1		warm up		
1		SEQ-ICB1		
2		SEQ-CAL1		1228008(Se77 low cal out)
3		SEQ-CAL2		1228007
4		SEQ-CAL3		1228006
5		SEQ-CAL4		1228005
6		SEQ-CAL5		1228004
7		SEQ-CAL6		1228003
8		SEQ-CAL7		1228002
9		SEQ-CAL8		1228001
1		SEQ-ICB2		
10		SEQ-ICV1		1226014
1		SEQ-ICB3		
101		SEQ-IBL1		
102		SEQ-IBL2		
103		SEQ-IBL3		
104		SEQ-IBL4		
105		SEQ-SCV1	5x	NIST 1643e 1202032 or 1215030
5		SEQ-CCV1		
1		SEQ-CCB1		
106	B121475	B121475-BLK1	10x	
107	B121475	B121475-BLK2	10x	
108	B121475	B121475-BLK3	10x	
109	B121475	B121475-BLK4	10x	
110	B121475	B121475-BS1	10x	
111	B121475	B121475-SRM1	10x	
112	B121475	B121475-SRM2	10x	
5		SEQ-CCV2		1228005
1		SEQ-CCB2		
113	B121475	1233010-04	10x	
114	B121475	1233010-05	10x	
115	B121475	1233010-06	10x	
116	B121475	B121475-DUP1	10x	
117	B121475	B121475-MS1	10x	
118	B121475	B121475-MSD1	10x	
5		SEQ-CCV3		1228005
1		SEQ-CCB3		
119	B121534	B121534-BLK1	10x	*MW digestion prep

120	B121534	B121534-BLK2	10x	
121	B121534	B121534-BLK3	10x	
122	B121534	B121534-BLK4	10x	
123	B121534	B121534-SRM1	10x	
124	B121534	B121534-SRM2	10x	
125	B121534	1233046-01	10x	
126	B121534	B121534-DUP1	10x	
127	B121534	B121534-MS1	10x	
128	B121534	B121534-MSD1	10x	
5		SEQ-CCV4		1228005
1		SEQ-CCB4		
129	B121535	~~B121535-xBLK1x~~		
130	B121535	B121535-BLK1		shares b/bs 1585 1538
131	B121535	B121535-BLK2		
132	B121535	B121535-BLK3		Samples rebached due to misplacement
133	B121535	B121535-BLK4		
134	B121535	B121535-BS1		
135	B121535	~~B121535-DUP1~~	50x	1232022-43
136	B121535	~~B121535-MS1~~	50x	50 uL 1212076 to 5 mL
137	B121535	~~B121535-MSD1~~	50x	50 uL 1212076 to 5 mL
5		SEQ-CCV5		1228005
1		SEQ-CCB5		
138	B121535	~~1232022-44~~	50x	
139	B121535	~~1232022-45~~	50x	
140	B121535	~~1232022-46~~	50x	
141	B121535	~~1232022-47~~	50x	
142	B121535	~~1232022-48~~	50x	
143	B121535	~~1232022-49~~	50x	
144	B121535	~~1232022-50~~	50x	
5		SEQ-CCV6		1228005
1		SEQ-CCB6		
201	B121585	1234033-01	25x	
202	B121585	B121585-DUP1	25x	1234033-01
203	B121585	B121585-MS1	25x	50uL1227036+200uL1212076 to 5mL
204	B121585	B121585-MSD1	25x	50uL1227036+200uL1212076 to 5mL
205	B121585	1234033-02	25x	
206	B121585	B121585-DUP2	25x	1234033-02
207	B121585	B121585-MS2	25x	50uL1227036+200uL1212076 to 5mL
208	B121585	B121585-MSD2	25x	50uL1227036+200uL1212076 to 5mL
6		SEQ-CCV7		1228004
1		SEQ-CCB7		
209	B121585	1234033-03	25x	
210	B121585	1234033-04	25x	
211	B121585	1234033-05	25x	
212	B121585	1234033-06	25x	
213	B121585	1234033-07	25x	
214	B121585	1234033-08	25x	
6		SEQ-CCV8		1228004
1		SEQ-CCB8		
215	B121585	1234033-09		bottle blank
216	B121585	1234033-10		bottle blank
217	B121585	1234033-11		bottle blank

218	B121585	1234033-12		bottle blank
6		SEQ-CCV9		1228004
1		SEQ-CCB9		
219	B121538	1233048-01	5x	no historical
220	B121538	B121538-DUP1	5x	1233048-01
221	B121538	B121538-MS1	5x	50 uL 1212076 to 5 mL
222	B121538	B121538-MSD1	5x	50 uL 1212076 to 5 mL
223	B121538	1233048-02	5x	
224	B121538	1233048-03	5x	
225	B121538	1233048-04	5x	
226	B121538	1233048-05	5x	
227	B121538	1233048-06	5x	
228	B121538	1233048-07	5x	
6		SEQ-CCVA		1228004
1		SEQ-CCBA		
229	B121476	B121476-BLK1		
230	B121476	B121476-BLK2		
231	B121476	B121476-BLK3		
232	B121476	B121476-BLK4		
233	B121476	B121476-BS1		
234	B121476	1233002-01		total rinse blank
235	B121476	1233002-02		dissolved rinse blank?
236	B121476	1233002-03	50x	
237	B121476	B121476-MS1	50x	50 uL 1212076 to 5 mL
238	B121476	B121476-MSD1	50x	50 uL 1212076 to 5 mL
6		SEQ-CCVB		1228004
1		SEQ-CCBB		
239	B121476	B121476-DUP1	50x	
240	B121476	1233002-04	50x	
241	B121476	1233002-05	50x	
242	B121476	B121476-DUP2	50x	
243	B121476	B121476-MS2	50x	50 uL 1212076 to 5 mL
244	B121476	B121476-MSD2	50x	50 uL 1212076 to 5 mL
245	B121476	1233002-06	50x	
246	B121476	1233002-07	50x	
247	B121476	1233002-08	50x	
248	B121476	1233002-09	50x	
249	B121476	1233002-10	50x	
6		SEQ-CCVC		1228004
1		SEQ-CCBC		
250	B121476	1233002-11	50x	
251	B121476	1233002-12	50x	
252	B121476	1233002-13	50x	
253	B121476	1233002-14	50x	
254	B121476	1233002-17	50x	
255	B121476	B121476-DUP3	50x	
256	B121476	B121476-MS3	50x	50 uL 1212076 to 5 mL
257	B121476	B121476-MSD3	50x	50 uL 1212076 to 5 mL
258	B121476	1233002-18	50x	
259	B121476	B121476-DUP4	50x	
6		SEQ-CCVD		1228004
1		SEQ-CCBD		

260	B121476	B121476-MS4	50x	50 uL 1212076 to 5 mL
301	B121476	B121476-MSD4	50x	50 uL 1212076 to 5 mL
302	B121476	1233002-19	50x	
303	B121476	1233002-20	50x	
304	B121476	1233002-21	50x	
305	B121476	1233002-22	50x	
306	B121476	1233002-23	50x	
307	B121476	1233002-24	50x	
308	B121476	1233002-25	50x	
309	B121476	1233002-26	50x	
7		SEQ-CCVE		1228003
1		SEQ-CCBE		
310	B121449	B121449-BLK1	10x	
311	B121449	B121449-BLK2	10x	
312	B121449	B121449-BLK3	10x	
313	B121449	B121449-BLK4	10x	
314	B121449	B121449-BS1	10x	
315	B121449	B121449-SRM1	10x	
316	B121449	B121449-SRM2	10x	
317	B121449	1232023-01	10x	
318	B121449	B121449-DUP1	10x	
7		SEQ-CCVF		1228003
1		SEQ-CCBF		
319	B121449	B121449-MS1	10x	
320	B121449	B121449-MSD1	10x	
321	B121449	1232023-02	10x	
322	B121449	1232023-03	10x	
323	B121449	1232023-04	10x	
324	B121449	1232023-05	10x	
325	B121449	1232023-06	10x	
326	B121449	1232023-07	10x	
327	B121449	1232023-08	10x	
7		SEQ-CCVG		1228003
1		SEQ-CCBG		
328	B121449	1232023-09	10x	
329	B121449	1232023-10	10x	
330	B121449	1232023-11	10x	
331	B121449	B121449-DUP2	10x	
332	B121449	B121449-MS2	10x	
333	B121449	B121449-MSD2	10x	
334	B121449	1232023-12	10x	
335	B121449	1232023-13	10x	
336	B121449	1232023-14	10x	
337	B121449	1232023-15	10x	
7		SEQ-CCVH		1228003
1		SEQ-CCBH		
338	B121449	1232023-16	10x	
339	B121449	1232023-17	10x	
340	B121449	1232023-18	10x	
341	B121449	1232023-19	10x	
7		SEQ-CCVI		1228003
1		SEQ-CCBI		

342	B121449	1232023-20	10x	
343	B121449	1232023-21	10x	
344	B121449	B121449-DUP3	10x	
345	B121449	B121449-MS3	10x	
346	B121449	B121449-MSD3	10x	
347	B121449	1232023-22	10x	
348	B121449	1232023-23	10x	
349	B121449	1232023-24	10x	
350	B121449	1232023-25	10x	
7		SEQ-CCVJ		1228003
10		SEQ-CCBJ		
434	B121449	rinse		
434	B121449	rinse		
434	B121449	rinse		
434	B121449	rinse		
434	B121449	rinse		
434	B121449	rinse		
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434	B121449	rinse		
434	B121449	rinse		
434	B121449	rinse		

Trace Metals Method BR-0070 Rev 003 (ICP-MS)

Biota Preparation by HotBlock Digestion

Digestion by: HNO_3 / H_2O_2

BRL Report 1232023

Page 1 of 1

Batch # B121449 Prepared By: CE Preparation Date and Time*: 8/15/12 1520

Matrix: inverts/duckegg Balance ID: BL-03 Date and Time of Finished Preparation: 8/16/12 1605

* Time is when the first reagents are added.

Sample ID	Sample Mass (g)	Notes
BLK1	---	
BLK2	---	
BLK3	---	
BLK4	---	
BS1	---	
SRM1	0.246	DOLT-4
SRM2	0.255	TORT-2
1232023-01	0.565	
DUP1	0.543	
MS1	0.548	
MSD1	0.583	
1232023-02	0.556	
X 1232023-03	0.276	
1232023-04	~~0.548~~ 0.568	
1232023-05	~~0.~~ 0.551	
1232023-06	0.538	
1232023-07	0.509	
1232023-08	0.568	
1232023-09	0.536	
1232023-10	0.536	
1232023-11	0.539	
* DUP2	0.517 ~~0.542~~	Corrn: 1232023-04
MS2	~~0.517~~ 0.553	
MSD2	0.514	

Sample ID	Sample Mass (g)	Notes
1232023-12	0.556	
1232023-13	0.540	
1232023-14	0.552	
1232023-15	0.525	
1232023-16	0.523	
1232023-17	0.563	
1232023-18	0.590	
1232023-19	0.571	
1232023-20	0.585	
1232023-21	0.538	
DUP3	0.596	
MS3	0.525	
MSD3	0.521	
1232023-22	0.537	
1232023-23	0.553	
1232023-24	0.590	
1232023-25	0.500	Final vol. = 50mL

CE 8/15/12

Sample ID	Spike ID	Spike Added (mL)	Analyte/Concentration	Spike Witness Initials/Date
BS1, MS/MSD1-3	1212074	0.075	Se 10ppm	MEL 8/15/12

CE 8/15/12

Reagents Added (ID/Amount Added)
0.1mL H_2O_2 (1107079)
10mL HNO_3 (1226056)

Target Hotblock Temperature = 100 °C

HotBlock Temperature*, Time On / Time Off, Date
M: ~~99°~~ 100°C C: 99°C 1600 8/15/12
timer set for 3.5hrs.

Thermometer ID: 010396

* Both measured and corrected temperatures must be recorded.

Environ. Express tube lot #: 1202052

SRM-Matrix-LIMS ID #
SRM1-DOLT-4-1201032
SRM2-TORT-2-1051005

Final Dilution Volume 40 mL

Comments:
*: QC set 2 corrn: 1232023-04 ~~1232023-04~~ X: Sample exhausted

B121449
biotas

Samples spiked:

Element	Target Conc. (mg/kg)	vol to spike **directly** to **0.5g sample**	ppm	LIMS ID
Se DRC	1.500	0.075	**10**	121074

Sample Information

Report Title: QUANTITATIVE ANALYSIS REPORT
Batch ID:
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CAL3.080
Tuning File: C:\Elandata\Tuning\Default.tun
Optimization File: C:\Elandata\Optimize\Default.dac
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Calibration Type: External Calibration

Calibration

Analyte	Mass	Curve Type	Slope	Intercept	Correlation Coefficient	Std 1 Conc
AsO	91	Weighted Linear	0.005	-0.000	0.999254	0.025000
Se	78	Weighted Linear	0.001	-0.000	0.998043	0.050000
Se	77	Weighted Linear	0.000	-0.000	0.999066	0.050000
Rh	103	Weighted Linear				
Br	79	Weighted Linear				
Cl	35	Weighted Linear				
C	13	Weighted Linear				

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICB1

Sample Description:

Batch ID:

Sample Date/Time: Thursday, August 30, 2012 16:20:11
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91		34	46	132.9			ug/L
|	Se	78		4	1	19.7			ug/L
|	Se	77		1	0	33.3			ug/L
L>	Rh	103		237891	1010	0.4			ug/L
	Br	79		8	5	66.7			ug/L
	Cl	35		513	20	3.9			ug/L
	C	13		1380	31	2.2			ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL1

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 16:21:51
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 2

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CAL1.078
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	39	9	23.6	0.000019	**0.0246**	ug/L
│	Se	78	4	9	1	15.2	0.000021	**0.0482**	ug/L
│	Se	77	1	4	1	29.5	0.000013	**0.0953**	ug/L
└>	Rh	103	237891	241172	2475	1.0	241172.363880		ug/L
	Br	79	8	3	4	114.6	-4.166670		ug/L
	Cl	35	513	525	33	6.2	12.500737		ug/L
	C	13	1380	1376	130	9.4	-4.166714		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL2

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 16:23:32
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 3

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CAL2.079
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	74	9	11.4	0.000165	**0.0512**	ug/L
│	Se	78	4	16	2	15.5	0.000049	**0.1036**	ug/L
│	Se	77	1	4	0	9.4	0.000014	**0.1005**	ug/L
└>	Rh	103	237891	240447	2075	0.9	240446.788603		ug/L
	Br	79	8	3	3	100.0	-5.000003		ug/L
	Cl	35	513	545	51	9.4	32.501972		ug/L
	C	13	1380	1338	33	2.5	-41.672891		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL3

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 16:25:12
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 4

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CAL3.080
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	352	4	1.1	0.001335	**0.2641**	ug/L
|	Se	78	4	36	2	6.6	0.000136	**0.2772**	ug/L
|	Se	77	1	9	2	18.2	0.000035	**0.2428**	ug/L
⌊>	Rh	103	237891	237787	774	0.3	237787.226679		ug/L
	Br	79	8	3	0	0.0	-5.000004		ug/L
	Cl	35	513	545	30	5.6	32.501910		ug/L
	C	13	1380	1374	43	3.1	-5.834185		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL4

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 16:26:53
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CAL4.081
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	1274	10	0.8	0.005110	**0.9511**	ug/L
|	Se	78	4	117	11	9.3	0.000467	**0.9362**	ug/L
|	Se	77	1	40	2	5.6	0.000161	**1.0753**	ug/L
L>	Rh	103	237891	242500	147	0.1	242500.110453		ug/L
	Br	79	8	7	4	57.3	-0.833334		ug/L
	Cl	35	513	522	39	7.4	9.167229		ug/L
	C	13	1380	1344	98	7.3	-35.838384		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL5

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 16:28:33
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CAL5.082
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	6618	100	1.5	0.027185	**4.9683**	ug/L
	Se	78	4	602	11	1.8	0.002469	**4.9198**	ug/L
	Se	77	1	179	8	4.2	0.000736	**4.8667**	ug/L
>	Rh	103	237891	242166	1562	0.6	242166.476799		ug/L
	Br	79	8	3	1	43.3	-4.166670		ug/L
	Cl	35	513	493	14	2.8	-19.167735		ug/L
	C	13	1380	1391	34	2.4	10.834992		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL6

Sample Description:

Batch ID:

Sample Date/Time: Thursday, August 30, 2012 16:30:14
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CAL6.083
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	33993	405	1.2	0.140128	**25.5219**	ug/L
|	Se	78	4	3116	52	1.7	0.012842	**25.5632**	ug/L
|	Se	77	1	930	26	2.8	0.003835	**25.3351**	ug/L
L>	Rh	103	237891	242411	4102	1.7	242410.869417		ug/L
	Br	79	8	3	1	43.3	-4.166670		ug/L
	Cl	35	513	544	23	4.2	31.668511		ug/L
	C	13	1380	1418	93	6.5	37.506050		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL7

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 16:31:54
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 8

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CAL7.084
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	168022	2142	1.3	0.695189	**126.5326**	ug/L
│	Se	78	4	15185	212	1.4	0.062822	**125.0298**	ug/L
│	Se	77	1	4602	9	0.2	0.019044	**125.7691**	ug/L
└>	Rh	103	237891	241637	1483	0.6	241636.817609		ug/L
	Br	79	8	3	1	43.3	-4.166670		ug/L
	Cl	35	513	512	31	6.0	-0.833360		ug/L
	C	13	1380	1421	29	2.0	40.839620		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CAL8

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 16:33:35
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 9

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CAL8.085
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	645611	9975	1.5	2.632422	**479.0727**	ug/L
│	Se	78	4	58449	954	1.6	0.238315	**474.2804**	ug/L
│	Se	77	1	17755	256	1.4	0.072395	**478.0917**	ug/L
└>	Rh	103	237891	245235	1636	0.7	245235.464030		ug/L
	Br	79	8	19	8	41.9	11.666685		ug/L
	Cl	35	513	531	8	1.4	18.334373		ug/L
	C	13	1380	1399	28	2.0	19.169590		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICB2

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 16:35:16
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB2.086
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	338	97	28.8	0.001246	**0.2479**	ug/L
|	Se	78	4	89	23	26.1	0.000349	**0.7003**	ug/L
|	Se	77	1	25	7	29.4	0.000098	**0.6561**	ug/L
L>	Rh	103	237891	242985	1591	0.7	242985.402037		ug/L
	Br	79	8	2	3	173.2	-5.833337		ug/L
	Cl	35	513	532	29	5.5	19.167784		ug/L
	C	13	1380	1433	71	5.0	52.508275		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	102.142
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICV1

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 16:38:17
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 10

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICV1.087
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	7021	78	1.1	0.028182	**5.1499**	ug/L
|	Se	78	4	1259	18	1.5	0.005063	**10.0827**	ug/L
|	Se	77	1	378	6	1.6	0.001524	**10.0710**	ug/L
L>	Rh	103	237891	247856	552	0.2	247855.859276		ug/L
	Br	79	8	5	7	132.3	-2.500001		ug/L
	Cl	35	513	525	13	2.5	12.500705		ug/L
	C	13	1380	1376	49	3.6	-4.167244		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	104.189
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-ICB3

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 16:46:55
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB3.088
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	22	5	23.2	-0.000054	**0.0114**	ug/L
│	Se	78	4	5	0	6.9	0.000006	**0.0182**	ug/L
│	Se	77	1	2	0	24.7	0.000004	**0.0364**	ug/L
└>	Rh	103	237891	240229	1318	0.5	240228.540600		ug/L
	Br	79	8	3	3	100.0	-5.000003		ug/L
	Cl	35	513	511	22	4.3	-1.666758		ug/L
	C	13	1380	1327	36	2.7	-53.341260		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	100.983
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-IBL1

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 16:48:36
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 101

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-IBL1.089
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	11	1	9.1	-0.000099	**0.0032**	ug/L
│	Se	78	4	5	1	15.3	0.000004	**0.0130**	ug/L
│	Se	77	1	1	1	100.3	0.000003	**0.0270**	ug/L
└>	Rh	103	237891	241709	1386	0.6	241708.680733		ug/L
	Br	79	8	2	1	86.6	-5.833337		ug/L
	Cl	35	513	496	32	6.5	-16.667568		ug/L
	C	13	1380	1375	45	3.3	-5.000716		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	101.605
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-IBL2

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 16:50:16
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 102

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-IBL2.090
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	40	50	123.8	0.000024	**0.0256**	ug/L
│	Se	78	4	6	3	54.9	0.000008	**0.0217**	ug/L
│	Se	77	1	3	3	100.2	0.000008	**0.0618**	ug/L
└>	Rh	103	237891	239521	423	0.2	239521.013082		ug/L
	Br	79	8	1	1	173.2	-6.666671		ug/L
	Cl	35	513	516	18	3.5	3.333519		ug/L
	C	13	1380	1303	33	2.5	-77.511431		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	100.685
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-IBL3

Sample Description:

Batch ID:

Sample Date/Time: Thursday, August 30, 2012 16:51:57
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 103

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-IBL3.091
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	9	3	29.0	-0.000108	**0.0015**	ug/L
│	Se	78	4	4	2	38.3	0.000002	**0.0093**	ug/L
│	Se	77	1	1	1	66.1	0.000001	**0.0161**	ug/L
└>	Rh	103	237891	239106	3075	1.3	239106.472638		ug/L
	Br	79	8	3	1	43.3	-4.166670		ug/L
	Cl	35	513	515	39	7.6	2.500183		ug/L
	C	13	1380	1384	40	2.9	4.167324		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	100.511
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-IBL4

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 16:53:37
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 104

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-IBL4.092
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	8	2	21.7	-0.000111	**0.0010**	ug/L
|	Se	78	4	2	1	33.4	-0.000007	**-0.0087**	ug/L
|	Se	77	1	1	0	33.3	-0.000000	**0.0090**	ug/L
L>	Rh	103	237891	239803	2064	0.9	239802.602927		ug/L
	Br	79	8	3	3	100.0	-5.000003		ug/L
	Cl	35	513	504	50	9.8	-8.333724		ug/L
	C	13	1380	1328	4	0.3	-52.507853		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	100.804
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-SCV1

Sample Description: 5x

Batch ID:

Sample Date/Time: Thursday, August 30, 2012 16:55:18
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 105

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-SCV1.093
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	16184	220	1.4	0.065794	**59.9726**	ug/L
|	Se	78	4	284	13	4.7	0.001140	**11.3758**	ug/L
|	Se	77	1	84	2	2.8	0.000339	**11.2513**	ug/L
L>	Rh	103	237891	245452	2515	1.0	245452.157642		ug/L
	Br	79	8	10	4	43.3	2.500002		ug/L
	Cl	35	513	516	18	3.5	3.333519		ug/L
	C	13	1380	1344	55	4.1	-35.838627		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	103.179
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV1

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 16:57:00
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCV1.094
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	1265	30	2.3	0.005182	**0.9642**	ug/L
│	Se	78	4	121	7	5.7	0.000494	**0.9895**	ug/L
│	Se	77	1	36	3	7.3	0.000150	**0.9998**	ug/L
└>	Rh	103	237891	237662	3258	1.4	237661.865007		ug/L
	Br	79	8	3	3	100.0	-5.000003		ug/L
	Cl	35	513	466	16	3.5	-46.669183		ug/L
	C	13	1380	1373	72	5.2	-6.667522		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	99.904
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB1

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 16:58:42
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCB1.095
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	7	5	75.6	-0.000115	**0.0002**	ug/L
|	Se	78	4	5	2	41.7	0.000003	**0.0110**	ug/L
|	Se	77	1	1	1	96.4	0.000000	**0.0118**	ug/L
L>	Rh	103	237891	239682	7970	3.3	239681.562606		ug/L
	Br	79	8	1	1	173.2	-6.666671		ug/L
	Cl	35	513	498	19	3.8	-14.167456		ug/L
	C	13	1380	1365	28	2.1	-15.002270		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	100.753
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121475-BLK1

Sample Description: 10x

Batch ID: B121475

Sample Date/Time: Thursday, August 30, 2012 17:13:47
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 106

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121475-BLK1.096
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	8	3	36.7	-0.000109	**0.0130**	ug/L
	Se	78	4	3	1	38.9	-0.000003	**0.0037**	ug/L
	Se	77	1	1	0	25.0	0.000001	**0.1602**	ug/L
>	Rh	103	237891	238011	943	0.4	238011.321421		ug/L
	Br	79	8	5	5	100.0	-2.500002		ug/L
	Cl	35	513	498	37	7.4	-15.000798		ug/L
	C	13	1380	1255	53	4.2	-125.018050		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	100.051
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121475-BLK2

Sample Description: 10x
Batch ID: B121475

Sample Date/Time: Thursday, August 30, 2012 17:15:27
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 107

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121475-BLK2.097
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	3	2	57.7	-0.000132	**-0.0279**	ug/L
	Se	78	4	3	2	57.9	-0.000003	**-0.0038**	ug/L
	Se	77	1	1	0	25.0	0.000001	**0.1585**	ug/L
>	Rh	103	237891	239394	1360	0.6	239393.614744		ug/L
	Br	79	8	10	5	50.0	2.500002		ug/L
	Cl	35	513	481	43	8.9	-31.668344		ug/L
	C	13	1380	1299	16	1.3	-80.845271		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	100.632
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121475-BLK3

Sample Description: 10x
Batch ID: B121475

Sample Date/Time: Thursday, August 30, 2012 17:17:08
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 108

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121475-BLK3.098
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	4	3	68.6	-0.000129	**-0.0224**	ug/L
|	Se	78	4	3	1	30.2	-0.000005	**-0.0413**	ug/L
|	Se	77	1	1	0	43.3	0.000001	**0.1631**	ug/L
L>	Rh	103	237891	235436	1622	0.7	235435.599651		ug/L
	Br	79	8	9	4	41.7	1.666668		ug/L
	Cl	35	513	469	20	4.3	-43.335673		ug/L
	C	13	1380	1328	27	2.0	-52.507827		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	98.968
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121475-BLK4

Sample Description: 10x
Batch ID: B121475

Sample Date/Time: Thursday, August 30, 2012 17:18:48
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 109

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121475-BLK4.099
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	8	3	39.8	-0.000112	**0.0085**	ug/L
│	Se	78	4	3	1	25.5	-0.000004	**-0.0144**	ug/L
│	Se	77	1	1	0	35.3	0.000001	**0.1863**	ug/L
└>	Rh	103	237891	235827	265	0.1	235827.130358		ug/L
	Br	79	8	6	5	89.2	-1.666668		ug/L
	Cl	35	513	490	33	6.7	-22.501215		ug/L
	C	13	1380	1315	117	8.9	-65.009169		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	99.133
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121475-BS1
Sample Description: 10x
Batch ID: B121475

Sample Date/Time: Thursday, August 30, 2012 17:20:29
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 110

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121475-BS1.100
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	647	27	4.1	0.002614	**4.9689**	ug/L
|	Se	78	4	3	1	25.9	-0.000003	**-0.0069**	ug/L
|	Se	77	1	2	0	18.2	0.000004	**0.3279**	ug/L
L>	Rh	103	237891	234667	2433	1.0	234667.056707		ug/L
	Br	79	8	4	5	124.9	-3.333335		ug/L
	Cl	35	513	533	28	5.2	20.001163		ug/L
	C	13	1380	1351	54	4.0	-29.170976		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	98.645
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121475-SRM1

Sample Description: 10x

Batch ID: B121475

Sample Date/Time: Thursday, August 30, 2012 17:22:09
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 111

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121475-SRM1.101
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	5160	73	1.4	0.022232	**40.6694**	ug/L
	Se	78	4	259	6	2.4	0.001107	**22.0833**	ug/L
	Se	77	1	77	5	5.9	0.000331	**21.9747**	ug/L
>	Rh	103	237891	230614	1670	0.7	230613.504981		ug/L
	Br	79	8	281	22	8.0	273.337686		ug/L
	Cl	35	513	480	77	15.9	-32.501574		ug/L
	C	13	1380	1338	98	7.3	-41.672578		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	96.941
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121475-SRM2

Sample Description: 10x

Batch ID: B121475

Sample Date/Time: Thursday, August 30, 2012 17:23:50
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 112

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121475-SRM2.102
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	15907	180	1.1	0.068330	**124.5598**	ug/L
│	Se	78	4	394	24	6.1	0.001681	**33.5099**	ug/L
│	Se	77	1	114	6	5.2	0.000489	**32.4022**	ug/L
└>	Rh	103	237891	232312	2978	1.3	232311.985736		ug/L
	Br	79	8	444	22	4.9	436.677531		ug/L
	Cl	35	513	458	39	8.5	-54.169518		ug/L
	C	13	1380	1318	72	5.4	-61.675665		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	97.655
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV2

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 17:25:31
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCV2.103
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	1300	27	2.1	0.005362	**0.9970**	ug/L
│	Se	78	4	119	4	3.5	0.000488	**0.9765**	ug/L
│	Se	77	1	36	3	8.2	0.000151	**1.0045**	ug/L
└>	Rh	103	237891	236024	2409	1.0	236024.010943		ug/L
	Br	79	8	21	17	79.9	13.333363		ug/L
	Cl	35	513	499	32	6.4	-13.334053		ug/L
	C	13	1380	1321	36	2.7	-59.175443		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	99.215
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB2

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 17:27:13
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCB2.104
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	7	1	14.3	-0.000115	**0.0003**	ug/L
│	Se	78	4	3	0	11.5	-0.000002	**0.0018**	ug/L
│	Se	77	1	1	0	20.0	0.000002	**0.0230**	ug/L
└>	Rh	103	237891	237986	27	0.0	237985.630512		ug/L
	Br	79	8	10	15	152.1	2.500010		ug/L
	Cl	35	513	481	11	2.3	-31.668407		ug/L
	C	13	1380	1304	46	3.6	-75.844485		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	100.040
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233010-04
Sample Description: 10x
Batch ID: B121475

Sample Date/Time: Thursday, August 30, 2012 17:28:55
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 113

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233010-04.105
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	63	10	15.3	0.000126	**0.4415**	ug/L
│	Se	78	4	74	3	4.4	0.000302	**6.0652**	ug/L
│	Se	77	1	20	1	5.1	0.000084	**5.6414**	ug/L
└>	Rh	103	237891	233167	2028	0.9	233167.472802		ug/L
	Br	79	8	62	11	18.3	54.166876		ug/L
	Cl	35	513	488	13	2.6	-24.168006		ug/L
	C	13	1380	1256	38	3.1	-124.184650		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	98.015
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233010-05
Sample Description: 10x
Batch ID: B121475

Sample Date/Time: Thursday, August 30, 2012 17:30:35
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 114

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233010-05.106
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	53	13	25.3	0.000081	**0.3586**	ug/L
│	Se	78	4	77	1	1.8	0.000315	**6.3273**	ug/L
│	Se	77	1	25	2	7.9	0.000102	**6.8515**	ug/L
└>	Rh	103	237891	233691	3167	1.4	233690.866322		ug/L
	Br	79	8	56	3	5.2	48.333501		ug/L
	Cl	35	513	520	24	4.6	7.500432		ug/L
	C	13	1380	1341	92	6.9	-39.172252		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	98.235
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233010-06
Sample Description: 10x
Batch ID: B121475

Sample Date/Time: Thursday, August 30, 2012 17:32:16
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 115

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233010-06.107
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	65	3	4.1	0.000134	**0.4556**	ug/L
│	Se	78	4	75	2	3.3	0.000306	**6.1467**	ug/L
│	Se	77	1	21	2	9.1	0.000089	**5.9363**	ug/L
└>	Rh	103	237891	233637	2756	1.2	233636.920183		ug/L
	Br	79	8	45	9	20.0	37.500110		ug/L
	Cl	35	513	498	25	5.1	-14.167446		ug/L
	C	13	1380	1263	17	1.3	-116.683654		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	98.212
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121475-DUP1

Sample Description: 10x

Batch ID: B121475

Sample Date/Time: Thursday, August 30, 2012 17:33:56
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 116

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121475-DUP1.108
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	56	13	23.4	0.000091	**0.3773**	ug/L
	Se	78	4	72	5	7.2	0.000285	**5.7249**	ug/L
	Se	77	1	21	1	4.7	0.000086	**5.7995**	ug/L
>	Rh	103	237891	238118	280	0.1	238118.204459		ug/L
	Br	79	8	31	14	44.7	23.333389		ug/L
	Cl	35	513	471	45	9.6	-41.668859		ug/L
	C	13	1380	1316	80	6.1	-64.175980		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	100.096
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121475-MS1
Sample Description: 10x
Batch ID: B121475

Sample Date/Time: Thursday, August 30, 2012 17:35:37
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 117

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121475-MS1.109
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	725	27	3.7	0.002930	**5.5445**	ug/L
|	Se	78	4	66	4	5.6	0.000262	**5.2753**	ug/L
|	Se	77	1	21	3	13.3	0.000084	**5.6487**	ug/L
⌊>	Rh	103	237891	235846	1092	0.5	235845.982999		ug/L
	Br	79	8	54	14	25.4	46.666831		ug/L
	Cl	35	513	445	20	4.4	-67.503556		ug/L
	C	13	1380	1283	32	2.5	-96.680826		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	99.140
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121475-MSD1

Sample Description: 10x
Batch ID: B121475

Sample Date/Time: Thursday, August 30, 2012 17:37:17
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 118

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121475-MSD1.110
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	723	15	2.0	0.002971	**5.6192**	ug/L
│	Se	78	4	79	4	5.4	0.000325	**6.5378**	ug/L
│	Se	77	1	26	3	10.4	0.000108	**7.1903**	ug/L
└>	Rh	103	237891	231954	239	0.1	231953.527374		ug/L
	Br	79	8	38	4	10.0	30.833411		ug/L
	Cl	35	513	474	10	2.2	-38.335424		ug/L
	C	13	1380	1264	52	4.1	-115.850116		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	97.504
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV3

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 17:39:00
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCV3.111
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	1244	65	5.2	0.005135	**0.9556**	ug/L
│	Se	78	4	115	9	8.2	0.000471	**0.9432**	ug/L
│	Se	77	1	34	3	7.5	0.000140	**0.9366**	ug/L
└>	Rh	103	237891	235578	1554	0.7	235577.532079		ug/L
	Br	79	8	7	1	21.7	-0.833335		ug/L
	Cl	35	513	470	25	5.2	-42.502289		ug/L
	C	13	1380	1333	11	0.8	-47.507117		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	99.028
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB3

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 17:40:41
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCB3.112
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	3	1	43.3	-0.000133	**-0.0030**	ug/L
│	Se	78	4	3	1	25.6	-0.000004	**-0.0018**	ug/L
│	Se	77	1	1	0	57.7	0.000000	**0.0098**	ug/L
└>	Rh	103	237891	231199	3508	1.5	231199.274138		ug/L
	Br	79	8	1	1	173.2	-6.666671		ug/L
	Cl	35	513	514	31	6.0	1.666781		ug/L
	C	13	1380	1253	20	1.6	-126.685034		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	97.187
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121534-BLK1

Sample Description: 10x
Batch ID: B121534

Sample Date/Time: Thursday, August 30, 2012 17:42:24
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 119

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121534-BLK1.113
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	6	2	27.0	-0.000120	**-0.0059**	ug/L
|	Se	78	4	3	1	30.0	-0.000003	**-0.0086**	ug/L
|	Se	77	1	1	0	45.8	0.000000	**0.1225**	ug/L
L>	Rh	103	237891	230170	2590	1.1	230170.116703		ug/L
	Br	79	8	8			-0.000001		ug/L
	Cl	35	513	464	33	7.2	-48.335904		ug/L
	C	13	1380	1280	48	3.7	-100.014582		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	96.755
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121534-BLK2

Sample Description: 10x
Batch ID: B121534

Sample Date/Time: Thursday, August 30, 2012 17:44:05
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 120

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121534-BLK2.114
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	5	2	40.0	-0.000123	**-0.0112**	ug/L
│	Se	78	4	3	1	22.7	-0.000003	**-0.0093**	ug/L
│	Se	77	1	1	1	69.3	0.000000	**0.1210**	ug/L
└>	Rh	103	237891	230998	1151	0.5	230998.033168		ug/L
	Br	79	8	4	1	34.6	-3.333336		ug/L
	Cl	35	513	448	23	5.2	-64.170053		ug/L
	C	13	1380	1300	31	2.4	-80.011793		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	97.103
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121534-BLK3

Sample Description: 10x
Batch ID: B121534

Sample Date/Time: Thursday, August 30, 2012 17:45:45
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 121

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121534-BLK3.115
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	4	4	103.3	-0.000128	**-0.0210**	ug/L
	Se	78	4	3	1	27.8	-0.000005	**-0.0401**	ug/L
	Se	77	1	1	1	62.4	0.000001	**0.1257**	ug/L
>	Rh	103	237891	226264	2264	1.0	226263.813424		ug/L
	Br	79	8	4	3	69.3	-3.333336		ug/L
	Cl	35	513	489	23	4.6	-23.334615		ug/L
	C	13	1380	1315	111	8.5	-65.009216		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	95.112
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121534-BLK4
Sample Description: 10x
Batch ID: B121534

Sample Date/Time: Thursday, August 30, 2012 17:47:26
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 122

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121534-BLK4.116
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	3	2	69.3	-0.000130	**-0.0246**	ug/L
|	Se	78	4	3	1	24.0	-0.000005	**-0.0336**	ug/L
|	Se	77	1	1	0	21.7	0.000003	**0.2595**	ug/L
⌊>	Rh	103	237891	233530	1987	0.9	233529.927801		ug/L
	Br	79	8	3	4	114.6	-4.166670		ug/L
	Cl	35	513	463	27	5.8	-50.002669		ug/L
	C	13	1380	1187	38	3.2	-193.360609		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	98.167
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121534-SRM1

Sample Description: 10x

Batch ID: B121534

Sample Date/Time: Thursday, August 30, 2012 17:49:06
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 123

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121534-SRM1.117
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	662	31	4.7	0.002810	**5.3265**	ug/L
|	Se	78	4	74	3	4.5	0.000313	**6.2912**	ug/L
|	Se	77	1	23	2	9.4	0.000098	**6.5942**	ug/L
⌊>	Rh	103	237891	223907	1423	0.6	223907.256232		ug/L
	Br	79	8	44	10	23.6	36.666774		ug/L
	Cl	35	513	495	20	3.9	-17.500970		ug/L
	C	13	1380	1218	104	8.6	-162.522853		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	94.122
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121534-SRM2

Sample Description: 10x

Batch ID: B121534

Sample Date/Time: Thursday, August 30, 2012 17:50:47
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 124

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121534-SRM2.118
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	59295	863	1.5	0.269055	**489.8407**	ug/L
│	Se	78	4	1401	45	3.2	0.006344	**126.3192**	ug/L
│	Se	77	1	417	7	1.7	0.001892	**125.0093**	ug/L
└>	Rh	103	237891	220260	1909	0.9	220259.815915		ug/L
	Br	79	8	1466	146	10.0	1458.452296		ug/L
	Cl	35	513	450	31	6.8	-62.503289		ug/L
	C	13	1380	1175	16	1.3	-205.028836		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	92.589
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233046-01
Sample Description: 10x
Batch ID: B121534

Sample Date/Time: Thursday, August 30, 2012 17:52:27
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 125

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233046-01.119
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	24698	489	2.0	0.102809	**187.3051**	ug/L
|	Se	78	4	69	3	4.7	0.000270	**5.4279**	ug/L
|	Se	77	1	19	1	3.9	0.000076	**5.1131**	ug/L
L>	Rh	103	237891	239885	831	0.3	239884.598240		ug/L
	Br	79	8	615	44	7.2	607.520871		ug/L
	Cl	35	513	476	43	9.0	-36.668608		ug/L
	C	13	1380	1443	70	4.8	63.343314		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	100.838
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121534-DUP1

Sample Description: 10x
Batch ID: B121534

Sample Date/Time: Thursday, August 30, 2012 17:54:08
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 126

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121534-DUP1.120
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	8	3	36.7	-0.000110	**0.0111**	ug/L
│	Se	78	4	3	1	31.1	-0.000003	**0.0019**	ug/L
│	Se	77	1	1	1	56.8	0.000001	**0.1299**	ug/L
└>	Rh	103	237891	245532	1371	0.6	245531.603813		ug/L
	Br	79	8	27	10	39.0	19.166706		ug/L
	Cl	35	513	520	36	7.0	7.500460		ug/L
	C	13	1380	1442	85	5.9	61.676471		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	103.212
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121534-MS1
Sample Description: 10x
Batch ID: B121534

Sample Date/Time: Thursday, August 30, 2012 17:55:48
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 127

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121534-MS1.121
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	14497	271	1.9	0.059560	**108.6006**	ug/L
	Se	78	4	42	3	6.4	0.000155	**3.1464**	ug/L
	Se	77	1	12	2	17.2	0.000047	**3.1691**	ug/L
>	Rh	103	237891	242823	1663	0.7	242822.818360		ug/L
	Br	79	8	293	29	9.9	285.838093		ug/L
	Cl	35	513	554	19	3.4	41.669110		ug/L
	C	13	1380	1482	24	1.6	101.682657		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	102.073
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121534-MSD1

Sample Description: 10x
Batch ID: B121534

Sample Date/Time: Thursday, August 30, 2012 17:57:29
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 128

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121534-MSD1.122
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	25116	553	2.2	0.104352	**190.1133**	ug/L
│	Se	78	4	102	8	7.5	0.000408	**8.1755**	ug/L
│	Se	77	1	28	1	5.2	0.000115	**7.6679**	ug/L
└>	Rh	103	237891	240341	1017	0.4	240340.586335		ug/L
	Br	79	8	230	9	3.9	222.502909		ug/L
	Cl	35	513	519	42	8.1	6.667095		ug/L
	C	13	1380	1476	69	4.7	95.848527		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	101.030
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV4

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 17:59:11
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCV4.123
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	1303	33	2.5	0.005211	**0.9695**	ug/L
│	Se	78	4	128	5	3.6	0.000510	**1.0211**	ug/L
│	Se	77	1	43	4	8.6	0.000172	**1.1440**	ug/L
└>	Rh	103	237891	243380	969	0.4	243379.856313		ug/L
	Br	79	8	13	7	54.1	5.833341		ug/L
	Cl	35	513	589	15	2.6	76.671306		ug/L
	C	13	1380	1523	84	5.5	142.522973		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	102.307
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB4

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 18:00:53
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCB4.124
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	4	2	50.0	-0.000128	**-0.0021**	ug/L
│	Se	78	4	5	2	47.8	0.000003	**0.0114**	ug/L
│	Se	77	1	2	1	34.6	0.000004	**0.0334**	ug/L
└>	Rh	103	237891	243682	1133	0.5	243681.968449		ug/L
	Br	79	8	8	3	33.3	-0.000001		ug/L
	Cl	35	513	539	43	8.0	26.668262		ug/L
	C	13	1380	1575	39	2.5	195.031718		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	102.434
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121535-xBLK1x

Sample Description:

Batch ID: B121535

Sample Date/Time: Thursday, August 30, 2012 18:02:35
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 129

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121535-BLK1.125
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	21753	313	1.4	0.087901	**16.0176**	ug/L
	Se	78	4	93	7	7.8	0.000361	**0.7237**	ug/L
	Se	77	1	27	1	4.2	0.000105	**0.7055**	ug/L
>	Rh	103	237891	247074	2203	0.9	247074.338716		ug/L
	Br	79	8	616	29	4.7	608.354219		ug/L
	Cl	35	513	564	58	10.3	51.669835		ug/L
	C	13	1380	1576	34	2.2	195.865182		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	103.860
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121535-BLK1

Sample Description:

Batch ID: B121535

Sample Date/Time: Thursday, August 30, 2012 18:04:16
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 130

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121535-BLK2.126
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	7	5	64.4	-0.000115	**0.0003**	ug/L
│	Se	78	4	2	1	30.2	-0.000006	**-0.0066**	ug/L
│	Se	77	1	1	0	31.5	0.000001	**0.0130**	ug/L
└>	Rh	103	237891	246127	3291	1.3	246126.861522		ug/L
	Br	79	8	17	6	37.7	9.166679		ug/L
	Cl	35	513	606	63	10.4	93.339204		ug/L
	C	13	1380	1561	70	4.5	180.862733		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	103.462
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121535-BLK2

Sample Description:

Batch ID: B121535

Sample Date/Time: Thursday, August 30, 2012 18:05:57
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 131

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121535-BLK3.127
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	6	1	16.7	-0.000120	**-0.0006**	ug/L
|	Se	78	4	3	0	14.5	-0.000004	**-0.0024**	ug/L
|	Se	77	1	1	0	34.6	0.000002	**0.0218**	ug/L
L>	Rh	103	237891	246289	1013	0.4	246289.157356		ug/L
	Br	79	8	7	6	94.4	-0.833333		ug/L
	Cl	35	513	582	36	6.3	69.170863		ug/L
	C	13	1380	1533	65	4.3	152.524553		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	103.530
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121535-BLK3

Sample Description:

Batch ID: B121535

Sample Date/Time: Thursday, August 30, 2012 18:07:37
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 132

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121535-BLK4.128
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	24	33	140.3	-0.000048	**0.0125**	ug/L
|	Se	78	4	3	1	14.5	-0.000002	**0.0017**	ug/L
|	Se	77	1	1	0	24.7	0.000002	**0.0197**	ug/L
L>	Rh	103	237891	245139	308	0.1	245138.647166		ug/L
	Br	79	8	3	4	114.6	-4.166670		ug/L
	Cl	35	513	611	19	3.2	98.339408		ug/L
	C	13	1380	1539	68	4.4	159.192359		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	103.047
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121535-BLK4

Sample Description:

Batch ID: B121535

Sample Date/Time: Thursday, August 30, 2012 18:09:18
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 133

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121535-BS1.129
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	5	2	44.6	-0.000126	**-0.0016**	ug/L
|	Se	78	4	2	0	13.7	-0.000008	**-0.0093**	ug/L
|	Se	77	1	1	0	57.7	-0.000000	**0.0083**	ug/L
L>	Rh	103	237891	247791	1064	0.4	247790.817584		ug/L
	Br	79	8	6	4	65.5	-1.666668		ug/L
	Cl	35	513	528	24	4.5	15.834246		ug/L
	C	13	1380	1562	121	7.7	181.696562		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	104.162
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121535-BS1

Sample Description:

Batch ID: B121535

Sample Date/Time: Thursday, August 30, 2012 18:10:58
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 134

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232022-43.130
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	5594	98	1.8	0.021939	**4.0137**	ug/L
│	Se	78	4	532	14	2.6	0.002086	**4.1568**	ug/L
│	Se	77	1	164	2	1.5	0.000643	**4.2550**	ug/L
└>	Rh	103	237891	253316	369	0.1	253315.798246		ug/L
	Br	79	8	5	5	100.0	-2.500002		ug/L
	Cl	35	513	546	47	8.6	33.335340		ug/L
	C	13	1380	1496	123	8.2	115.852176		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	106.484
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121535-DUP1

Sample Description: 50x
Batch ID: B121535

Sample Date/Time: Thursday, August 30, 2012 18:12:39
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 135

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121535-DUP1.131
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	70	7	10.4	0.000182	**2.7131**	ug/L
|	Se	78	4	5	1	20.4	0.000007	**0.9881**	ug/L
|	Se	77	1	2	1	48.2	0.000004	**1.8601**	ug/L
L>	Rh	103	237891	213571	1880	0.9	213571.365692		ug/L
	Br	79	8	1723	61	3.6	1715.996827		ug/L
	Cl	35	513	513	52	10.2	0.000086		ug/L
	C	13	1380	1296	62	4.8	-84.178950		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	89.777
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121535-MS1

Sample Description: 50x

Batch ID: B121535

Sample Date/Time: Thursday, August 30, 2012 18:14:19
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 136

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121535-MS1.132
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	60	5	8.7	0.000153	**2.4476**	ug/L
|	Se	78	4	3	1	25.3	0.000001	**0.3754**	ug/L
|	Se	77	1	1	0	12.4	0.000003	**1.3206**	ug/L
L>	Rh	103	237891	202283	2301	1.1	202282.595594		ug/L
	Br	79	8	1709	35	2.0	1701.827392		ug/L
	Cl	35	513	494	66	13.4	-18.334201		ug/L
	C	13	1380	1245	61	4.9	-135.019393		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	85.032
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121535-MSD1

Sample Description: 50x
Batch ID: B121535

Sample Date/Time: Thursday, August 30, 2012 18:16:00
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 137

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121535-MSD1.133
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	63	2	2.7	0.000175	**2.6548**	ug/L
	Se	78	4	97	3	3.1	0.000475	**47.5467**	ug/L
	Se	77	1	29	3	9.7	0.000142	**47.4178**	ug/L
>	Rh	103	237891	197146	1783	0.9	197145.668994		ug/L
	Br	79	8	1646	63	3.8	1638.482470		ug/L
	Cl	35	513	457	22	4.8	-55.836307		ug/L
	C	13	1380	1171	38	3.3	-209.195996		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	82.872
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV5

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 18:17:42
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCV5.134
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	1218	42	3.5	0.005121	**0.9532**	ug/L
│	Se	78	4	110	8	7.6	0.000459	**0.9186**	ug/L
│	Se	77	1	35	5	14.9	0.000146	**0.9749**	ug/L
└>	Rh	103	237891	231303	1989	0.9	231303.240992		ug/L
	Br	79	8	58	30	51.1	50.833549		ug/L
	Cl	35	513	473	31	6.5	-40.002147		ug/L
	C	13	1380	1321	72	5.4	-59.175303		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	97.231
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB5

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 18:19:24
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCB5.135
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	4	3	74.2	-0.000126	**-0.0017**	ug/L
│	Se	78	4	3	0	0.6	-0.000004	**-0.0016**	ug/L
│	Se	77	1	1	1	47.2	0.000002	**0.0254**	ug/L
└>	Rh	103	237891	237485	1599	0.7	237485.391095		ug/L
	Br	79	8	32	6	19.9	24.166719		ug/L
	Cl	35	513	513	42	8.2	0.833431		ug/L
	C	13	1380	1436	34	2.3	55.841988		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	99.830
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232022-44
Sample Description: 50x
Batch ID: B121535

Sample Date/Time: Thursday, August 30, 2012 18:21:06
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 138

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232022-44.136
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	60	6	9.5	0.000156	**2.4839**	ug/L
|	Se	78	4	98	1	1.5	0.000479	**47.9826**	ug/L
|	Se	77	1	31	3	8.0	0.000154	**51.3371**	ug/L
L>	Rh	103	237891	198392	3256	1.6	198391.771520		ug/L
	Br	79	8	1653	49	2.9	1645.983772		ug/L
	Cl	35	513	493	27	5.4	-19.167715		ug/L
	C	13	1380	1213	35	2.9	-167.523876		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	83.396
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232022-45

Sample Description: 50x
Batch ID: B121535

Sample Date/Time: Thursday, August 30, 2012 18:22:46
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 139

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232022-45.137
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	50	6	11.8	0.000118	**2.1291**	ug/L
│	Se	78	4	3	0	5.1	-0.000002	**0.1473**	ug/L
│	Se	77	1	2	1	32.9	0.000005	**2.1661**	ug/L
└>	Rh	103	237891	189674	2685	1.4	189674.360681		ug/L
	Br	79	8	1520	39	2.6	1512.627134		ug/L
	Cl	35	513	467	44	9.5	-45.835745		ug/L
	C	13	1380	1163	63	5.4	-217.530309		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	79.732
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232022-46

Sample Description: 50x
Batch ID: B121535

Sample Date/Time: Thursday, August 30, 2012 18:24:27
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 140

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232022-46.138
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	53	5	8.6	0.000140	**2.3319**	ug/L
│	Se	78	4	2	0	10.2	-0.000003	**0.0023**	ug/L
│	Se	77	1	1	1	63.0	0.000002	**1.0529**	ug/L
└>	Rh	103	237891	185462	1806	1.0	185461.968260		ug/L
	Br	79	8	1553	118	7.6	1545.133078		ug/L
	Cl	35	513	432	19	4.4	-80.837533		ug/L
	C	13	1380	1085	52	4.8	-295.039933		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	77.961
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232022-47
Sample Description: 50x
Batch ID: B121535

Sample Date/Time: Thursday, August 30, 2012 18:26:07
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 141

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232022-47.139
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	44	12	28.4	0.000098	**1.9499**	ug/L
│	Se	78	4	2	1	28.8	-0.000005	**-0.1517**	ug/L
│	Se	77	1	1	0	43.3	0.000002	**1.2299**	ug/L
└>	Rh	103	237891	181455	1423	0.8	181454.765098		ug/L
	Br	79	8	1501	29	1.9	1493.457258		ug/L
	Cl	35	513	447	43	9.5	-65.836755		ug/L
	C	13	1380	1208	82	6.8	-172.524338		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	76.277
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232022-48

Sample Description: 50x
Batch ID: B121535

Sample Date/Time: Thursday, August 30, 2012 18:27:48
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 142

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232022-48.140
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	54	3	6.4	0.000156	**2.4754**	ug/L
	Se	78	4	2	1	30.5	-0.000003	**0.0396**	ug/L
	Se	77	1	2	1	40.5	0.000009	**3.3851**	ug/L
>	Rh	103	237891	180146	2758	1.5	180145.984495		ug/L
	Br	79	8	1498	64	4.3	1490.956964		ug/L
	Cl	35	513	433	17	3.8	-79.170790		ug/L
	C	13	1380	1163	23	2.0	-216.696994		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	75.726
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232022-49
Sample Description: 50x
Batch ID: B121535

Sample Date/Time: Thursday, August 30, 2012 18:29:29
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 143

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232022-49.141
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	46	4	8.7	0.000113	**2.0915**	ug/L
│	Se	78	4	4	0	7.2	0.000005	**0.7774**	ug/L
│	Se	77	1	1	1	39.0	0.000004	**1.8726**	ug/L
└>	Rh	103	237891	179676	2327	1.3	179675.906491		ug/L
	Br	79	8	1474	93	6.3	1466.786510		ug/L
	Cl	35	513	435	30	7.0	-77.504020		ug/L
	C	13	1380	1168	80	6.9	-212.529574		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	75.529
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232022-50
Sample Description: 50x
Batch ID: B121535

Sample Date/Time: Thursday, August 30, 2012 18:31:09
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 144

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232022-50.142
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	48	4	7.9	0.000120	**2.1538**	ug/L
	Se	78	4	2	1	40.4	-0.000003	**-0.0166**	ug/L
	Se	77	1	1	1	66.7	0.000001	**0.7920**	ug/L
>	Rh	103	237891	180198	1423	0.8	180198.477631		ug/L
	Br	79	8	1448	92	6.4	1440.949021		ug/L
	Cl	35	513	425	26	6.1	-87.504502		ug/L
	C	13	1380	1142	38	3.3	-238.366373		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	75.748
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV6

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 18:32:52
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 5

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCV6.143
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	1140	52	4.6	0.005043	**0.9389**	ug/L
│	Se	78	4	99	7	6.7	0.000434	**0.8689**	ug/L
│	Se	77	1	31	1	3.3	0.000139	**0.9248**	ug/L
└>	Rh	103	237891	219807	2032	0.9	219807.412251		ug/L
	Br	79	8	53	17	31.9	45.833496		ug/L
	Cl	35	513	439	23	5.3	-73.337167		ug/L
	C	13	1380	1360	44	3.2	-20.002979		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	92.398
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB6

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 18:34:34
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCB6.144
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	4	3	87.7	-0.000128	**-0.0021**	ug/L
│	Se	78	4	3	1	19.6	-0.000004	**-0.0028**	ug/L
│	Se	77	1	1	1	95.8	0.000001	**0.0153**	ug/L
└>	Rh	103	237891	222796	2660	1.2	222796.472458		ug/L
	Br	79	8	27	6	21.7	19.166703		ug/L
	Cl	35	513	444	32	7.2	-68.336906		ug/L
	C	13	1380	1301	64	4.9	-79.178227		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	93.655
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234033-01
Sample Description: 25x
Batch ID: B121585

Sample Date/Time: Thursday, August 30, 2012 18:36:16
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.2
Autosampler Position: 201

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1234033-01.145
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	15	3	20.0	-0.000079	**0.1685**	ug/L
│	Se	78	4	20	3	15.8	0.000072	**3.7460**	ug/L
│	Se	77	1	12	0	3.8	0.000047	**7.9253**	ug/L
└>	Rh	103	237891	231049	1551	0.7	231049.350998		ug/L
	Br	79	8	128	40	31.6	120.000949		ug/L
	Cl	35	513	498	24	4.8	-15.000827		ug/L
	C	13	1380	1378	67	4.9	-2.500249		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	97.124
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121585-DUP1

Sample Description: 25x

Batch ID: B121585

Sample Date/Time: Thursday, August 30, 2012 18:37:57
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.2
Autosampler Position: 202

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121585-DUP1.146
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	12	1	9.9	-0.000095	**0.0990**	ug/L
│	Se	78	4	20	1	3.4	0.000067	**3.4752**	ug/L
│	Se	77	1	10	1	9.7	0.000041	**7.0212**	ug/L
└>	Rh	103	237891	235196	1324	0.6	235196.155776		ug/L
	Br	79	8	119	8	6.7	111.667446		ug/L
	Cl	35	513	480	57	11.8	-32.501672		ug/L
	C	13	1380	1314	20	1.5	-65.843109		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	98.867
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121585-MS1
Sample Description: 25x
Batch ID: B121585

Sample Date/Time: Thursday, August 30, 2012 18:39:37
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.2
Autosampler Position: 203

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121585-MS1.147
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	1304	34	2.6	0.005349	**24.8662**	ug/L
|	Se	78	4	478	12	2.4	0.001995	**99.4199**	ug/L
|	Se	77	1	150	7	4.7	0.000630	**104.1900**	ug/L
L>	Rh	103	237891	237449	1231	0.5	237449.433233		ug/L
	Br	79	8	116	14	11.9	108.334074		ug/L
	Cl	35	513	526	23	4.3	13.334099		ug/L
	C	13	1380	1363	80	5.9	-17.502437		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	99.814
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121585-MSD1

Sample Description: 25x

Batch ID: B121585

Sample Date/Time: Thursday, August 30, 2012 18:41:18
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.2
Autosampler Position: 204

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121585-MSD1.148
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	1356	22	1.6	0.005561	**25.8294**	ug/L
	Se	78	4	484	10	2.0	0.002018	**100.5317**	ug/L
	Se	77	1	149	11	7.1	0.000621	**102.8159**	ug/L
>	Rh	103	237891	237756	481	0.2	237755.568348		ug/L
	Br	79	8	113	9	8.4	105.834039		ug/L
	Cl	35	513	506	26	5.1	-6.667030		ug/L
	C	13	1380	1416	59	4.2	35.838938		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	99.943
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234033-02
Sample Description: 25x
Batch ID: B121585

Sample Date/Time: Thursday, August 30, 2012 18:42:58
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.2
Autosampler Position: 205

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1234033-02.149
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	11	3	23.6	-0.000100	**0.0751**	ug/L
│	Se	78	4	21	1	7.2	0.000069	**3.5972**	ug/L
│	Se	77	1	13	1	6.8	0.000050	**8.5217**	ug/L
└>	Rh	103	237891	240294	2563	1.1	240293.733604		ug/L
	Br	79	8	98	16	16.8	90.000529		ug/L
	Cl	35	513	471	22	4.6	-41.668917		ug/L
	C	13	1380	1405	51	3.6	25.003890		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	101.010
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121585-DUP2
Sample Description: 25x
Batch ID: B121585

Sample Date/Time: Thursday, August 30, 2012 18:44:39
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.2
Autosampler Position: 206

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121585-DUP2.150
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	12	3	26.2	-0.000096	**0.0946**	ug/L
|	Se	78	4	20	5	25.0	0.000066	**3.4446**	ug/L
|	Se	77	1	12	1	7.6	0.000045	**7.6801**	ug/L
⌊>	Rh	103	237891	239844	237	0.1	239843.512938		ug/L
	Br	79	8	93	8	8.1	85.000469		ug/L
	Cl	35	513	446	8	1.7	-66.670193		ug/L
	C	13	1380	1363	55	4.1	-16.669104		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	100.821
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121585-MS2
Sample Description: 25x
Batch ID: B121585

Sample Date/Time: Thursday, August 30, 2012 18:46:19
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.2
Autosampler Position: 207

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121585-MS2.151
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	1344	52	3.9	0.005441	**25.2848**	ug/L
│	Se	78	4	486	10	2.1	0.002003	**99.7908**	ug/L
│	Se	77	1	155	3	2.1	0.000643	**106.3584**	ug/L
└>	Rh	103	237891	240606	1261	0.5	240605.818367		ug/L
	Br	79	8	100	13	13.2	92.500552		ug/L
	Cl	35	513	489	22	4.4	-23.334616		ug/L
	C	13	1380	1358	39	2.9	-21.669909		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	101.141
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121585-MSD2

Sample Description: 25x

Batch ID: B121585

Sample Date/Time: Thursday, August 30, 2012 18:48:00
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.2
Autosampler Position: 208

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121585-MSD2.152
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	1353	56	4.2	0.005476	**25.4431**	ug/L
│	Se	78	4	482	7	1.4	0.001987	**98.9888**	ug/L
│	Se	77	1	147	11	7.4	0.000607	**100.3766**	ug/L
└>	Rh	103	237891	240720	1024	0.4	240719.585625		ug/L
	Br	79	8	97	10	10.8	89.167181		ug/L
	Cl	35	513	505	28	5.6	-7.500405		ug/L
	C	13	1380	1398	108	7.7	17.503065		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	101.189
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV7

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 18:49:43
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCV7.153
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	6546	94	1.4	0.027265	**4.9829**	ug/L
│	Se	78	4	587	12	2.0	0.002440	**4.8621**	ug/L
│	Se	77	1	179	8	4.3	0.000746	**4.9377**	ug/L
└>	Rh	103	237891	238820	763	0.3	238820.453851		ug/L
	Br	79	8	18	7	37.8	10.000014		ug/L
	Cl	35	513	469	45	9.7	-43.335612		ug/L
	C	13	1380	1340	60	4.5	-40.005887		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	100.391
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB7

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 18:51:25
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCB7.154
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	9	6	67.6	-0.000106	**0.0019**	ug/L
│	Se	78	4	4	0	0.2	0.000002	**0.0109**	ug/L
│	Se	77	1	1	0	24.7	0.000002	**0.0208**	ug/L
└>	Rh	103	237891	237270	1757	0.7	237269.891114		ug/L
	Br	79	8	8	5	66.7	-0.000000		ug/L
	Cl	35	513	474	20	4.3	-38.335413		ug/L
	C	13	1380	1413	10	0.7	32.504961		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	99.739
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234033-03
Sample Description: 25x
Batch ID: B121585

Sample Date/Time: Thursday, August 30, 2012 18:53:09
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.2
Autosampler Position: 209

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1234033-03.155
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	69	14	20.1	0.000146	**1.1943**	ug/L
|	Se	78	4	48	1	2.8	0.000187	**9.4431**	ug/L
|	Se	77	1	32	1	2.1	0.000131	**21.7862**	ug/L
L>	Rh	103	237891	237436	1596	0.7	237435.786661		ug/L
	Br	79	8	258	45	17.6	250.003718		ug/L
	Cl	35	513	485	10	2.1	-27.501520		ug/L
	C	13	1380	1433	49	3.4	52.508176		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	99.809
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234033-04
Sample Description: 25x
Batch ID: B121585

Sample Date/Time: Thursday, August 30, 2012 18:54:49
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.2
Autosampler Position: 210

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1234033-04.156
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	43	9	21.8	0.000037	**0.6993**	ug/L
│	Se	78	4	40	4	10.2	0.000152	**7.7172**	ug/L
│	Se	77	1	33	3	8.3	0.000137	**22.8182**	ug/L
└>	Rh	103	237891	238778	1196	0.5	238777.716231		ug/L
	Br	79	8	207	21	10.3	199.169028		ug/L
	Cl	35	513	508	18	3.6	-4.166903		ug/L
	C	13	1380	1315	68	5.1	-65.009503		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	100.373
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234033-05
Sample Description: 25x
Batch ID: B121585

Sample Date/Time: Thursday, August 30, 2012 18:56:30
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.2
Autosampler Position: 211

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1234033-05.157
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	15	4	24.0	-0.000079	**0.1693**	ug/L
│	Se	78	4	174	7	3.8	0.000737	**36.7993**	ug/L
│	Se	77	1	62	6	9.5	0.000266	**44.1008**	ug/L
└>	Rh	103	237891	230598	2004	0.9	230598.166609		ug/L
	Br	79	8	787	25	3.2	779.200724		ug/L
	Cl	35	513	520	30	5.8	7.500445		ug/L
	C	13	1380	1370	96	7.0	-10.001206		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	96.934
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234033-06
Sample Description: 25x
Batch ID: B121585

Sample Date/Time: Thursday, August 30, 2012 18:58:10
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.2
Autosampler Position: 212

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1234033-06.158
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	13	2	18.2	-0.000090	**0.1208**	ug/L
│	Se	78	4	181	3	1.7	0.000760	**37.9700**	ug/L
│	Se	77	1	63	1	2.0	0.000265	**44.0407**	ug/L
└>	Rh	103	237891	232743	1402	0.6	232743.402171		ug/L
	Br	79	8	754	51	6.8	746.698043		ug/L
	Cl	35	513	477	34	7.1	-35.835255		ug/L
	C	13	1380	1343	13	1.0	-37.505644		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	97.836
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234033-07
Sample Description: 25x
Batch ID: B121585

Sample Date/Time: Thursday, August 30, 2012 18:59:51
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.2
Autosampler Position: 213

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1234033-07.159
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	11	2	14.3	-0.000101	**0.0688**	ug/L
│	Se	78	4	3	0	12.2	-0.000004	**-0.0506**	ug/L
│	Se	77	1	1	0	33.3	-0.000000	**0.2063**	ug/L
└>	Rh	103	237891	248091	1280	0.5	248090.511535		ug/L
	Br	79	8	158	8	4.8	150.834710		ug/L
	Cl	35	513	523	26	5.0	10.000580		ug/L
	C	13	1380	1416	90	6.4	35.839108		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	104.288
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234033-08
Sample Description: 25x
Batch ID: B121585

Sample Date/Time: Thursday, August 30, 2012 19:01:31
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.2
Autosampler Position: 214

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1234033-08.160
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	9	4	48.4	-0.000108	**0.0388**	ug/L
|	Se	78	4	2	2	66.5	-0.000007	**-0.1984**	ug/L
|	Se	77	1	1	0	17.3	0.000000	**0.2635**	ug/L
L>	Rh	103	237891	247273	600	0.2	247272.801840		ug/L
	Br	79	8	125	13	10.0	117.500861		ug/L
	Cl	35	513	547	23	4.2	34.168662		ug/L
	C	13	1380	1381	66	4.8	0.833585		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	103.944
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV8

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 19:03:14
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCV8.161
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	6684	43	0.6	0.027434	**5.0137**	ug/L
│	Se	78	4	600	13	2.2	0.002461	**4.9039**	ug/L
│	Se	77	1	183	4	2.3	0.000751	**4.9654**	ug/L
└>	Rh	103	237891	242378	499	0.2	242377.752846		ug/L
	Br	79	8	19	1	7.5	11.666683		ug/L
	Cl	35	513	498	20	3.9	-15.000834		ug/L
	C	13	1380	1422	67	4.7	41.673220		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	101.886
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB8

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 19:04:55
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCB8.162
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	7	3	37.8	-0.000115	**0.0002**	ug/L
│	Se	78	4	5	2	33.0	0.000004	**0.0137**	ug/L
│	Se	77	1	1	1	66.1	0.000001	**0.0154**	ug/L
└>	Rh	103	237891	242707	2269	0.9	242707.380306		ug/L
	Br	79	8	7	3	43.3	-0.833335		ug/L
	Cl	35	513	532	66	12.4	19.167912		ug/L
	C	13	1380	1398	57	4.1	17.502757		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	102.025
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234033-09

Sample Description:

Batch ID: B121585

Sample Date/Time: Thursday, August 30, 2012 19:06:38
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 215

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1234033-09.163
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	6	3	39.7	-0.000118	**-0.0004**	ug/L
	Se	78	4	4	1	32.4	-0.000001	**0.0044**	ug/L
	Se	77	1	1	1	47.2	0.000002	**0.0242**	ug/L
>	Rh	103	237891	245114	1035	0.4	245113.859777		ug/L
	Br	79	8	5	4	86.6	-2.500002		ug/L
	Cl	35	513	462	37	7.9	-50.836023		ug/L
	C	13	1380	1385	91	6.6	5.001029		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	103.036
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234033-10

Sample Description:

Batch ID: B121585

Sample Date/Time: Thursday, August 30, 2012 19:08:19
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 216

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1234033-10.164
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	5	1	20.0	-0.000124	**-0.0014**	ug/L
	Se	78	4	3	1	20.4	-0.000004	**-0.0018**	ug/L
	Se	77	1	1	0	45.8	0.000000	**0.0107**	ug/L
>	Rh	103	237891	245862	1240	0.5	245862.010472		ug/L
	Br	79	8	8	4	45.8	0.833334		ug/L
	Cl	35	513	532	12	2.2	19.167758		ug/L
	C	13	1380	1371	50	3.7	-9.167996		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	103.351
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234033-11

Sample Description:

Batch ID: B121585

Sample Date/Time: Thursday, August 30, 2012 19:09:59
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 217

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1234033-11.165
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	6	2	36.7	-0.000121	**-0.0008**	ug/L
│	Se	78	4	2	0	18.4	-0.000010	**-0.0131**	ug/L
│	Se	77	1	1	0	41.7	0.000001	**0.0131**	ug/L
└>	Rh	103	237891	243466	1771	0.7	243465.515439		ug/L
	Br	79	8	13	3	20.0	5.000005		ug/L
	Cl	35	513	520	14	2.7	7.500418		ug/L
	C	13	1380	1398	20	1.5	18.336116		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	102.343
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1234033-12

Sample Description:

Batch ID: B121585

Sample Date/Time: Thursday, August 30, 2012 19:11:40
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 218

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1234033-12.166
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	5	4	87.2	-0.000124	**-0.0013**	ug/L
|	Se	78	4	3	1	42.0	-0.000002	**0.0012**	ug/L
|	Se	77	1	1	0	34.6	0.000000	**0.0109**	ug/L
⌊>	Rh	103	237891	243955	4190	1.7	243954.712108		ug/L
	Br	79	8	8	5	66.7	-0.000000		ug/L
	Cl	35	513	503	79	15.8	-10.000341		ug/L
	C	13	1380	1308	68	5.2	-71.677132		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	102.549
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCV9

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 19:13:23
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCV9.167
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	6658	47	0.7	0.027213	**4.9735**	ug/L
│	Se	78	4	603	9	1.4	0.002461	**4.9034**	ug/L
│	Se	77	1	179	5	2.6	0.000732	**4.8452**	ug/L
└>	Rh	103	237891	243374	656	0.3	243373.847350		ug/L
	Br	79	8	7	3	43.3	-0.833335		ug/L
	Cl	35	513	468	19	4.0	-44.169051		ug/L
	C	13	1380	1372	68	4.9	-8.334462		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	102.305
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCB9

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 19:15:05
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCB9.168
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	7	3	37.8	-0.000116	**0.0002**	ug/L
│	Se	78	4	4	1	17.9	0.000001	**0.0086**	ug/L
│	Se	77	1	2	0	24.1	0.000003	**0.0313**	ug/L
└>	Rh	103	237891	243313	1526	0.6	243313.155053		ug/L
	Br	79	8	8	1	17.3	0.833333		ug/L
	Cl	35	513	481	56	11.7	-31.668295		ug/L
	C	13	1380	1338	38	2.8	-41.672880		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	102.279
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-01
Sample Description: 5x
Batch ID: B121538

Sample Date/Time: Thursday, August 30, 2012 19:24:37
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 219

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233048-01.169
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	1216	24	2.0	0.005153	**4.7945**	ug/L
|	Se	78	4	32	5	17.0	0.000124	**1.2629**	ug/L
|	Se	77	1	11	1	7.1	0.000046	**1.5717**	ug/L
L>	Rh	103	237891	229512	739	0.3	229511.901361		ug/L
	Br	79	8	91	18	20.3	83.333796		ug/L
	Cl	35	513	463	44	9.5	-49.169249		ug/L
	C	13	1380	1289	34	2.6	-90.846661		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	96.478
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121538-DUP1
Sample Description: 5x
Batch ID: B121538

Sample Date/Time: Thursday, August 30, 2012 19:26:18
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 220

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121538-DUP1.170
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	1208	28	2.3	0.005119	**4.7641**	ug/L
|	Se	78	4	38	5	12.2	0.000150	**1.5200**	ug/L
|	Se	77	1	12	1	8.7	0.000047	**1.5962**	ug/L
L>	Rh	103	237891	229471	2197	1.0	229471.040291		ug/L
	Br	79	8	112	18	16.5	104.167361		ug/L
	Cl	35	513	447	28	6.2	-65.836793		ug/L
	C	13	1380	1352	49	3.6	-28.337538		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	96.461
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121538-MS1
Sample Description: 5x
Batch ID: B121538

Sample Date/Time: Thursday, August 30, 2012 19:27:58
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 221

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121538-MS1.171
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	1212	59	4.9	0.005080	**4.7281**	ug/L
│	Se	78	4	151	4	2.8	0.000636	**6.3576**	ug/L
│	Se	77	1	46	3	5.8	0.000194	**6.4530**	ug/L
└>	Rh	103	237891	232019	2101	0.9	232019.499676		ug/L
	Br	79	8	94	21	22.3	86.667166		ug/L
	Cl	35	513	477	22	4.6	-35.835280		ug/L
	C	13	1380	1364	23	1.7	-15.835739		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	97.532
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121538-MSD1

Sample Description: 5x

Batch ID: B121538

Sample Date/Time: Thursday, August 30, 2012 19:29:39
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 222

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121538-MSD1.172
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	1206	26	2.1	0.005037	**4.6889**	ug/L
|	Se	78	4	151	8	5.1	0.000634	**6.3381**	ug/L
|	Se	77	1	44	1	2.3	0.000186	**6.1926**	ug/L
L>	Rh	103	237891	232837	1509	0.6	232837.442358		ug/L
	Br	79	8	89	5	5.8	81.667101		ug/L
	Cl	35	513	483	27	5.5	-29.168253		ug/L
	C	13	1380	1374	76	5.6	-5.834038		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	97.876
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-02
Sample Description: 5x
Batch ID: B121538

Sample Date/Time: Thursday, August 30, 2012 19:31:19
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 223

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233048-02.173
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	2320	54	2.3	0.010519	**9.6771**	ug/L
|	Se	78	4	11	2	18.1	0.000034	**0.3680**	ug/L
|	Se	77	1	4	1	33.8	0.000017	**0.5983**	ug/L
L>	Rh	103	237891	217566	1212	0.6	217566.024391		ug/L
	Br	79	8	194	25	12.9	186.668759		ug/L
	Cl	35	513	485	22	4.6	-27.501505		ug/L
	C	13	1380	1264	70	5.6	-115.850034		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	91.456
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-03
Sample Description: 5x
Batch ID: B121538

Sample Date/Time: Thursday, August 30, 2012 19:33:00
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 224

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233048-03.174
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	3832	21	0.6	0.018223	**16.6873**	ug/L
	Se	78	4	51	4	7.5	0.000226	**2.2789**	ug/L
	Se	77	1	18	2	12.0	0.000082	**2.7488**	ug/L
>	Rh	103	237891	208642	1723	0.8	208642.178019		ug/L
	Br	79	8	318	6	2.0	310.838904		ug/L
	Cl	35	513	484	36	7.5	-28.334853		ug/L
	C	13	1380	1216	33	2.7	-164.190101		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	87.705
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-04
Sample Description: 5x
Batch ID: B121538

Sample Date/Time: Thursday, August 30, 2012 19:34:40
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 225

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233048-04.175
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	819	28	3.4	0.003367	**3.1693**	ug/L
│	Se	78	4	38	4	9.8	0.000146	**1.4866**	ug/L
│	Se	77	1	12	1	4.3	0.000049	**1.6517**	ug/L
└>	Rh	103	237891	233294	632	0.3	233293.856082		ug/L
	Br	79	8	92	8	8.8	84.167127		ug/L
	Cl	35	513	497	23	4.6	-15.834208		ug/L
	C	13	1380	1334	43	3.2	-45.840144		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	98.068
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-05
Sample Description: 5x
Batch ID: B121538

Sample Date/Time: Thursday, August 30, 2012 19:36:21
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 226

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233048-05.176
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	892	40	4.5	0.003813	**3.5754**	ug/L
	Se	78	4	9	1	15.2	0.000024	**0.2678**	ug/L
	Se	77	1	2	1	31.6	0.000008	**0.2962**	ug/L
>	Rh	103	237891	225425	2480	1.1	225425.061348		ug/L
	Br	79	8	120	9	7.2	112.500791		ug/L
	Cl	35	513	495	98	19.9	-17.500629		ug/L
	C	13	1380	1325	20	1.5	-55.008204		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	94.760
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-06
Sample Description: 5x
Batch ID: B121538

Sample Date/Time: Thursday, August 30, 2012 19:38:01
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 227

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233048-06.177
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	793	5	0.6	0.003287	**3.0964**	ug/L
│	Se	78	4	29	2	5.6	0.000107	**1.0966**	ug/L
│	Se	77	1	8	1	12.5	0.000031	**1.0849**	ug/L
└>	Rh	103	237891	231053	1638	0.7	231052.779605		ug/L
	Br	79	8	68	13	19.6	60.000253		ug/L
	Cl	35	513	465	15	3.3	-47.502560		ug/L
	C	13	1380	1308	85	6.5	-72.510489		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	97.126
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233048-07
Sample Description: 5x
Batch ID: B121538

Sample Date/Time: Thursday, August 30, 2012 19:39:42
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 1
Autosampler Position: 228

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233048-07.178
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	811	35	4.3	0.003334	**3.1400**	ug/L
|	Se	78	4	30	2	5.0	0.000112	**1.1459**	ug/L
|	Se	77	1	9	1	16.7	0.000034	**1.1683**	ug/L
L>	Rh	103	237891	233244	748	0.3	233244.280386		ug/L
	Br	79	8	67	20	30.3	59.166922		ug/L
	Cl	35	513	528	52	9.8	15.000941		ug/L
	C	13	1380	1347	69	5.1	-33.338192		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	98.047
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVA

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 19:41:24
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCVA.179
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	6625	107	1.6	0.027618	**5.0471**	ug/L
|	Se	78	4	599	12	2.0	0.002492	**4.9661**	ug/L
|	Se	77	1	182	5	2.8	0.000758	**5.0153**	ug/L
L>	Rh	103	237891	238626	1627	0.7	238626.361909		ug/L
	Br	79	8	9	4	41.7	1.666668		ug/L
	Cl	35	513	473	30	6.3	-39.168772		ug/L
	C	13	1380	1372	23	1.7	-8.334609		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	100.309
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBA

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 19:43:06
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCBA.180
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	5	3	47.2	-0.000122	**-0.0010**	ug/L
│	Se	78	4	3	1	17.4	-0.000004	**-0.0017**	ug/L
│	Se	77	1	1	1	50.0	0.000001	**0.0161**	ug/L
└>	Rh	103	237891	237801	1384	0.6	237800.958706		ug/L
	Br	79	8	7	4	57.3	-0.833334		ug/L
	Cl	35	513	447	29	6.5	-65.836790		ug/L
	C	13	1380	1323	126	9.5	-57.508004		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	99.962
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121476-BLK1

Sample Description:
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 19:44:49
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 229

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121476-BLK1.181
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	4	2	56.8	-0.000129	**-0.0023**	ug/L
|	Se	78	4	2	1	20.5	-0.000006	**-0.0060**	ug/L
|	Se	77	1	1	0	34.6	0.000000	**0.0113**	ug/L
L>	Rh	103	237891	239330	2130	0.9	239329.555517		ug/L
	Br	79	8	12	5	44.6	4.166671		ug/L
	Cl	35	513	503	38	7.5	-9.167142		ug/L
	C	13	1380	1385	70	5.0	5.000903		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	100.605
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121476-BLK2

Sample Description:

Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 19:46:29
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 230

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121476-BLK2.182
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	5	3	65.5	-0.000125	**-0.0016**	ug/L
|	Se	78	4	2	1	40.0	-0.000008	**-0.0109**	ug/L
|	Se	77	1	1	1	96.4	0.000000	**0.0111**	ug/L
L>	Rh	103	237891	240811	2968	1.2	240810.554728		ug/L
	Br	79	8	11	5	48.0	3.333337		ug/L
	Cl	35	513	448	37	8.2	-64.170023		ug/L
	C	13	1380	1302	30	2.3	-78.344890		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	101.227
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121476-BLK3

Sample Description:

Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 19:48:10
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 231

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121476-BLK3.183
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	1	1	86.6	-0.000139	**-0.0041**	ug/L
|	Se	78	4	2	0	5.8	-0.000006	**-0.0065**	ug/L
|	Se	77	1	1	0	21.7	-0.000000	**0.0067**	ug/L
L>	Rh	103	237891	238425	1059	0.4	238425.301375		ug/L
	Br	79	8	8	5	66.7	-0.000000		ug/L
	Cl	35	513	478	28	5.8	-34.168515		ug/L
	C	13	1380	1358	25	1.8	-21.669943		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	100.225
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121476-BLK4

Sample Description:

Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 19:49:50
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 232

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121476-BLK4.184
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	3	0	0.0	-0.000132	**-0.0028**	ug/L
│	Se	78	4	2	0	7.1	-0.000008	**-0.0095**	ug/L
│	Se	77	1	1	1	52.9	0.000002	**0.0228**	ug/L
└>	Rh	103	237891	239609	1203	0.5	239609.169113		ug/L
	Br	79	8	8	4	45.8	0.833334		ug/L
	Cl	35	513	498	66	13.3	-15.000688		ug/L
	C	13	1380	1332	28	2.1	-48.340549		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	100.722
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121476-BS1

Sample Description:

Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 19:51:31
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 233

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121476-BS1.185
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	5286	43	0.8	0.021856	**3.9986**	ug/L
|	Se	78	4	449	6	1.2	0.001851	**3.6893**	ug/L
|	Se	77	1	139	9	6.3	0.000574	**3.8014**	ug/L
L>	Rh	103	237891	240307	3109	1.3	240306.678381		ug/L
	Br	79	8	13	5	39.0	5.833340		ug/L
	Cl	35	513	429	39	9.0	-83.337609		ug/L
	C	13	1380	1313	20	1.5	-66.676563		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	101.016
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-01

Sample Description:
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 19:53:11
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 234

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-01.186
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	10	5	47.7	-0.000100	**0.0029**	ug/L
│	Se	78	4	4	2	43.9	-0.000000	**0.0056**	ug/L
│	Se	77	1	1	1	87.4	0.000001	**0.0186**	ug/L
└>	Rh	103	237891	235800	1500	0.6	235799.846367		ug/L
	Br	79	8	4	5	124.9	-3.333335		ug/L
	Cl	35	513	448	34	7.6	-64.170030		ug/L
	C	13	1380	1312	102	7.8	-68.343104		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	99.121
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-02

Sample Description:
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 19:54:52
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 235

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-02.187
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	3	3	88.2	-0.000131	**-0.0027**	ug/L
|	Se	78	4	3	1	37.0	-0.000004	**-0.0026**	ug/L
|	Se	77	1	1	0	25.0	0.000001	**0.0167**	ug/L
L>	Rh	103	237891	232748	285	0.1	232747.607928		ug/L
	Br	79	8	13	4	34.6	5.000005		ug/L
	Cl	35	513	468	62	13.2	-44.168925		ug/L
	C	13	1380	1250	57	4.5	-130.018724		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	97.838
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-03
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 19:56:32
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 236

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-03.188
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	55	6	11.1	0.000136	**2.3001**	ug/L
|	Se	78	4	3	1	31.4	-0.000002	**0.0925**	ug/L
|	Se	77	1	1	0	17.3	0.000001	**0.8190**	ug/L
L>	Rh	103	237891	196221	2753	1.4	196221.142968		ug/L
	Br	79	8	1309	115	8.8	1301.761419		ug/L
	Cl	35	513	409	36	8.9	-103.338538		ug/L
	C	13	1380	1192	38	3.2	-188.359956		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	82.484
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121476-MS1
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 19:58:13
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 237

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121476-DUP1.189
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	52	10	18.5	0.000132	**2.2585**	ug/L
	Se	78	4	86	6	6.6	0.000440	**44.0687**	ug/L
	Se	77	1	26	2	7.6	0.000137	**45.5672**	ug/L
>	Rh	103	237891	188424	545	0.3	188423.503106		ug/L
	Br	79	8	1230	62	5.0	1222.583352		ug/L
	Cl	35	513	401	15	3.7	-111.672283		ug/L
	C	13	1380	1193	66	5.6	-186.692962		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	79.206
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121476-MSD1

Sample Description: 50x

Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 19:59:53
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 238

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121476-MS1.190
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	55	7	13.3	0.000157	**2.4919**	ug/L
|	Se	78	4	78	4	4.8	0.000408	**40.8716**	ug/L
|	Se	77	1	25	2	8.9	0.000130	**43.4776**	ug/L
⌊>	Rh	103	237891	183513	1682	0.9	183512.995144		ug/L
	Br	79	8	1231	82	6.7	1223.416905		ug/L
	Cl	35	513	397	25	6.3	-115.839117		ug/L
	C	13	1380	1166	68	5.8	-214.196523		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	77.142
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVB

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 20:01:36
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCVB.191
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	5990	59	1.0	0.027324	**4.9936**	ug/L
│	Se	78	4	485	7	1.4	0.002210	**4.4038**	ug/L
│	Se	77	1	148	3	1.8	0.000673	**4.4549**	ug/L
└>	Rh	103	237891	218071	2210	1.0	218071.372594		ug/L
	Br	79	8	32	16	50.1	24.166727		ug/L
	Cl	35	513	438	19	4.3	-75.003921		ug/L
	C	13	1380	1225	60	4.9	-155.022113		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	91.669
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBB

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 20:03:18
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCBB.192
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	6	5	86.6	-0.000117	**-0.0001**	ug/L
│	Se	78	4	2	1	35.9	-0.000006	**-0.0050**	ug/L
│	Se	77	1	1	0	32.7	0.000002	**0.0231**	ug/L
└>	Rh	103	237891	221377	737	0.3	221377.194200		ug/L
	Br	79	8	10	3	25.0	2.500002		ug/L
	Cl	35	513	418	18	4.4	-94.171490		ug/L
	C	13	1380	1264	23	1.8	-115.850197		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	93.058
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121476-DUP1

Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:05:00
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 239

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121476-MSD1.193
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	54	4	7.7	0.000149	**2.4174**	ug/L
|	Se	78	4	4	1	13.4	0.000004	**0.6740**	ug/L
|	Se	77	1	1	1	114.6	0.000000	**0.6070**	ug/L
⌊>	Rh	103	237891	185012	2370	1.3	185012.192191		ug/L
	Br	79	8	1256	40	3.2	1248.420137		ug/L
	Cl	35	513	385	25	6.6	-127.506285		ug/L
	C	13	1380	1222	80	6.5	-158.355793		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	77.772
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-04
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:06:41
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 240

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-04.194
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	55	3	5.5	0.000163	**2.5403**	ug/L
│	Se	78	4	3	1	24.9	-0.000002	**0.0812**	ug/L
│	Se	77	1	2	0	16.7	0.000005	**2.1608**	ug/L
└>	Rh	103	237891	180254	893	0.5	180253.678876		ug/L
	Br	79	8	1273	38	3.0	1265.922563		ug/L
	Cl	35	513	399	48	12.0	-113.338947		ug/L
	C	13	1380	1135	50	4.4	-245.033835		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	75.772
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-05
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:08:21
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 241

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-05.195
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	56	6	10.4	0.000177	**2.6727**	ug/L
|	Se	78	4	2	1	38.4	-0.000007	**-0.3481**	ug/L
|	Se	77	1	1	0	13.3	0.000003	**1.4524**	ug/L
L>	Rh	103	237891	175299	2643	1.5	175299.249505		ug/L
	Br	79	8	1273	61	4.8	1265.089196		ug/L
	Cl	35	513	418	32	7.7	-94.171465		ug/L
	C	13	1380	1047	19	1.8	-333.377848		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	73.689
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121476-DUP2
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:10:02
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 242

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121476-DUP2.196
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	61	4	5.9	0.000207	**2.9430**	ug/L
	Se	78	4	2	1	22.3	-0.000003	**-0.0045**	ug/L
	Se	77	1	1	1	63.0	0.000002	**1.1561**	ug/L
>	Rh	103	237891	173678	686	0.4	173678.348422		ug/L
	Br	79	8	1198	65	5.4	1190.912469		ug/L
	Cl	35	513	400	20	4.9	-112.505647		ug/L
	C	13	1380	1103	22	2.0	-277.537910		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	73.008
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121476-MS2

Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:11:42
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 243

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121476-MS2.197
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	58	4	6.6	0.000199	**2.8666**	ug/L
	Se	78	4	73	1	1.1	0.000419	**41.9495**	ug/L
	Se	77	1	20	2	10.5	0.000118	**39.3409**	ug/L
>	Rh	103	237891	168147	807	0.5	168147.487206		ug/L
	Br	79	8	1406	15	1.1	1398.442046		ug/L
	Cl	35	513	428	40	9.4	-84.170977		ug/L
	C	13	1380	1069	26	2.5	-310.875217		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	70.683
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121476-MSD2

Sample Description: 50x

Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:13:23
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 244

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121476-MSD2.198
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	52	8	14.8	0.000157	**2.4896**	ug/L
	Se	78	4	74	4	5.3	0.000412	**41.3431**	ug/L
	Se	77	1	23	0	1.9	0.000128	**42.7302**	ug/L
>	Rh	103	237891	171515	1659	1.0	171514.593871		ug/L
	Br	79	8	1212	94	7.7	1204.247737		ug/L
	Cl	35	513	412	31	7.5	-100.838439		ug/L
	C	13	1380	1133	65	5.8	-247.534084		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	72.098
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-06
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:15:03
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 245

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-06.199
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	48	2	4.8	0.000138	**2.3191**	ug/L
|	Se	78	4	2	1	38.2	-0.000004	**-0.0774**	ug/L
|	Se	77	1	1	1	66.1	0.000003	**1.3464**	ug/L
L>	Rh	103	237891	170924	1364	0.8	170923.586326		ug/L
	Br	79	8	1206	73	6.0	1198.413501		ug/L
	Cl	35	513	469	33	7.0	-43.335649		ug/L
	C	13	1380	1106	42	3.8	-274.204126		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	71.850
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-07
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:16:44
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 246

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-07.200
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	48	4	7.8	0.000135	**2.2919**	ug/L
│	Se	78	4	2	0	21.1	-0.000006	**-0.2915**	ug/L
│	Se	77	1	1	1	78.1	0.000001	**0.6980**	ug/L
└>	Rh	103	237891	172705	2434	1.4	172705.266164		ug/L
	Br	79	8	1138	81	7.1	1130.904841		ug/L
	Cl	35	513	391	18	4.5	-121.672715		ug/L
	C	13	1380	1169	68	5.9	-210.862759		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	72.599
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-08
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:18:24
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 247

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-08.201
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	40	6	15.2	0.000088	**1.8617**	ug/L
│	Se	78	4	2	0	13.6	-0.000004	**-0.1362**	ug/L
│	Se	77	1	1	1	53.9	0.000004	**1.6532**	ug/L
└>	Rh	103	237891	172022	1422	0.8	172021.511791		ug/L
	Br	79	8	1157	66	5.7	1149.240410		ug/L
	Cl	35	513	401	38	9.6	-111.672237		ug/L
	C	13	1380	1156	15	1.3	-224.197961		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	72.311
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-09
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:20:05
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 248

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-09.202
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	53	4	7.1	0.000163	**2.5389**	ug/L
|	Se	78	4	3	0	14.8	-0.000001	**0.1852**	ug/L
|	Se	77	1	1	0	34.6	0.000004	**1.8063**	ug/L
L>	Rh	103	237891	173685	5512	3.2	173685.379903		ug/L
	Br	79	8	1168	60	5.1	1160.075099		ug/L
	Cl	35	513	363	29	8.0	-150.007203		ug/L
	C	13	1380	1160	22	1.9	-220.030754		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	73.011
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-10
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:21:45
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 249

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-10.203
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	50	3	5.8	0.000145	**2.3804**	ug/L
|	Se	78	4	2	0	10.4	-0.000003	**-0.0375**	ug/L
|	Se	77	1	1	0	45.8	0.000002	**1.0119**	ug/L
⌊>	Rh	103	237891	171663	1911	1.1	171663.225469		ug/L
	Br	79	8	1211	33	2.7	1203.414010		ug/L
	Cl	35	513	418	27	6.5	-95.004847		ug/L
	C	13	1380	1132	24	2.1	-248.367656		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	72.161
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVC

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 20:23:27
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCVC.204
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	5648	133	2.4	0.027051	**4.9440**	ug/L
	Se	78	4	439	4	1.0	0.002096	**4.1766**	ug/L
	Se	77	1	132	3	2.5	0.000631	**4.1751**	ug/L
>	Rh	103	237891	207718	2550	1.2	207718.168128		ug/L
	Br	79	8	33	16	48.8	25.833400		ug/L
	Cl	35	513	394	69	17.5	-118.339075		ug/L
	C	13	1380	1245	60	4.8	-135.019396		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	87.317
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBC

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 20:25:09
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCBC.205
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	4	2	50.0	-0.000125	**-0.0016**	ug/L
│	Se	78	4	3	0	11.5	-0.000000	**0.0056**	ug/L
│	Se	77	1	1	0	31.5	0.000001	**0.0173**	ug/L
└>	Rh	103	237891	209302	2159	1.0	209302.151074		ug/L
	Br	79	8	20	3	12.5	12.500018		ug/L
	Cl	35	513	421	37	8.9	-91.671336		ug/L
	C	13	1380	1264	38	3.0	-115.850163		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	87.982
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-11
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:26:52
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 250

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-11.206
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	58	2	3.6	0.000187	**2.7596**	ug/L
	Se	78	4	2	0	22.4	-0.000004	**-0.0578**	ug/L
	Se	77	1	1	0	21.7	0.000005	**1.9419**	ug/L
>	Rh	103	237891	174146	217	0.1	174146.325750		ug/L
	Br	79	8	1209	72	5.9	1201.747272		ug/L
	Cl	35	513	420	38	9.0	-92.504706		ug/L
	C	13	1380	1160	91	7.8	-220.030469		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	73.204
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-12
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:28:32
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 251

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-12.207
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	51	6	11.1	0.000152	**2.4469**	ug/L
│	Se	78	4	3	1	44.9	-0.000001	**0.1882**	ug/L
│	Se	77	1	1	0	43.3	0.000003	**1.3214**	ug/L
└>	Rh	103	237891	173019	1177	0.7	173019.325326		ug/L
	Br	79	8	1166	77	6.6	1158.408308		ug/L
	Cl	35	513	415	38	9.0	-97.504937		ug/L
	C	13	1380	1149	16	1.4	-230.865472		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	72.731
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-13
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:30:13
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 252

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-13.208
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	42	11	26.5	0.000100	**1.9696**	ug/L
│	Se	78	4	2	0	8.0	-0.000006	**-0.2707**	ug/L
│	Se	77	1	1	1	88.2	0.000001	**0.8767**	ug/L
└>	Rh	103	237891	170565	2932	1.7	170564.679301		ug/L
	Br	79	8	1117	114	10.3	1109.235729		ug/L
	Cl	35	513	403	11	2.7	-110.005546		ug/L
	C	13	1380	1231	100	8.1	-149.187759		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	71.699
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-14
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:31:53
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 253

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-14.209
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	38	2	5.4	0.000081	**1.7939**	ug/L
│	Se	78	4	2	1	59.5	-0.000005	**-0.2208**	ug/L
│	Se	77	1	2	1	36.5	0.000006	**2.4833**	ug/L
└>	Rh	103	237891	170400	1865	1.1	170399.780814		ug/L
	Br	79	8	1138	59	5.2	1130.071292		ug/L
	Cl	35	513	413	33	8.0	-99.171691		ug/L
	C	13	1380	1203	68	5.7	-177.525080		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	71.629
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-17
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:33:34
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 254

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-17.210
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	62	5	7.4	0.000225	**3.1107**	ug/L
│	Se	78	4	2	0	8.6	-0.000007	**-0.4088**	ug/L
│	Se	77	1	1	1	71.3	0.000005	**2.1724**	ug/L
└>	Rh	103	237891	168688	2487	1.5	168687.552444		ug/L
	Br	79	8	1243	120	9.6	1235.085436		ug/L
	Cl	35	513	419	36	8.7	-93.338082		ug/L
	C	13	1380	1141	29	2.5	-239.199834		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	70.910
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121476-DUP3

Sample Description: 50x

Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:35:14
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 255

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121476-DUP3.211
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	57	11	19.1	0.000198	**2.8575**	ug/L
|	Se	78	4	2	1	38.3	-0.000007	**-0.3530**	ug/L
|	Se	77	1	1	1	44.6	0.000004	**1.7088**	ug/L
⌊>	Rh	103	237891	167779	1011	0.6	167779.120991		ug/L
	Br	79	8	1208	40	3.3	1200.913697		ug/L
	Cl	35	513	403	8	1.9	-109.172178		ug/L
	C	13	1380	1159	15	1.3	-220.864204		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	70.528
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121476-MS3
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:36:55
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 256

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121476-MS3.212
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	67	6	8.2	0.000274	**3.5546**	ug/L
|	Se	78	4	70	2	2.2	0.000418	**41.9040**	ug/L
|	Se	77	1	21	3	13.3	0.000125	**41.6463**	ug/L
⌊>	Rh	103	237891	161020	2053	1.3	161020.313805		ug/L
	Br	79	8	1373	35	2.6	1365.937116		ug/L
	Cl	35	513	439	16	3.7	-73.337177		ug/L
	C	13	1380	1184	81	6.8	-195.860749		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	67.687
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121476-MSD3

Sample Description: 50x

Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:38:35
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 257

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121476-MSD3.213
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	61	12	19.3	0.000222	**3.0835**	ug/L
	Se	78	4	78	7	9.6	0.000451	**45.2113**	ug/L
	Se	77	1	23	2	8.4	0.000137	**45.5971**	ug/L
>	Rh	103	237891	166193	1258	0.8	166192.901142		ug/L
	Br	79	8	1183	40	3.4	1175.910410		ug/L
	Cl	35	513	413	64	15.4	-99.171582		ug/L
	C	13	1380	1214	14	1.1	-165.857024		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	69.861
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-18
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:40:15
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 258

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-18.214
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	61	14	23.0	0.000220	**3.0632**	ug/L
│	Se	78	4	2	0	11.1	-0.000003	**-0.0063**	ug/L
│	Se	77	1	1	1	48.0	0.000003	**1.5548**	ug/L
└>	Rh	103	237891	167215	1785	1.1	167214.775632		ug/L
	Br	79	8	1218	60	4.9	1210.081661		ug/L
	Cl	35	513	421	28	6.5	-91.671359		ug/L
	C	13	1380	1263	36	2.9	-117.517066		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	70.291
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121476-DUP4

Sample Description: 50x

Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:41:56
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 259

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121476-DUP4.215
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	56	3	5.4	0.000191	**2.7977**	ug/L
|	Se	78	4	2	1	29.9	-0.000004	**-0.0484**	ug/L
|	Se	77	1	1	0	57.3	0.000001	**0.7296**	ug/L
L>	Rh	103	237891	167044	1000	0.6	167044.102674		ug/L
	Br	79	8	1126	21	1.9	1118.403062		ug/L
	Cl	35	513	413	16	4.0	-100.005093		ug/L
	C	13	1380	1230	29	2.3	-150.021539		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	70.219
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVD

Sample Description:

Batch ID:

Sample Date/Time: Thursday, August 30, 2012 20:43:39
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 6

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCVD.216
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	5488	101	1.8	0.026925	**4.9210**	ug/L
│	Se	78	4	435	15	3.4	0.002131	**4.2461**	ug/L
│	Se	77	1	133	10	7.6	0.000650	**4.3030**	ug/L
└>	Rh	103	237891	202752	920	0.5	202751.886683		ug/L
	Br	79	8	23	7	29.4	15.000025		ug/L
	Cl	35	513	458	23	5.0	-55.002930		ug/L
	C	13	1380	1296	103	7.9	-84.178700		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	85.229
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBD

Sample Description:

Batch ID:

Sample Date/Time: Thursday, August 30, 2012 20:45:21
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCBD.217
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	9	7	77.8	-0.000100	**0.0029**	ug/L
│	Se	78	4	4	1	15.3	0.000002	**0.0104**	ug/L
│	Se	77	1	1	1	90.1	0.000002	**0.0204**	ug/L
└>	Rh	103	237891	204594	1531	0.7	204594.198354		ug/L
	Br	79	8	20	9	45.1	12.500021		ug/L
	Cl	35	513	423	25	5.9	-89.171248		ug/L
	C	13	1380	1178	54	4.6	-202.528415		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	86.003
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121476-MS4

Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:47:05
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 260

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121476-MS4.218
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	59	3	5.2	0.000199	**2.8718**	ug/L
|	Se	78	4	71	4	5.9	0.000399	**39.9545**	ug/L
|	Se	77	1	20	4	18.8	0.000113	**37.8990**	ug/L
L>	Rh	103	237891	170883	1729	1.0	170882.871747		ug/L
	Br	79	8	1127	70	6.2	1119.236663		ug/L
	Cl	35	513	433	10	2.4	-79.170796		ug/L
	C	13	1380	1188	28	2.3	-191.693751		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	71.833
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121476-MSD4

Sample Description: 50x

Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:48:45
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 301

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121476-MSD4.219
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	61	5	8.5	0.000220	**3.0586**	ug/L
|	Se	78	4	74	1	1.9	0.000423	**42.3893**	ug/L
|	Se	77	1	23	4	16.6	0.000135	**45.1884**	ug/L
L>	Rh	103	237891	167629	803	0.5	167628.873766		ug/L
	Br	79	8	1203	34	2.8	1195.079574		ug/L
	Cl	35	513	425	16	3.9	-87.504517		ug/L
	C	13	1380	1221	45	3.7	-159.189398		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	70.465
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-19
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:50:26
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 302

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-19.220
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	48	3	5.5	0.000146	**2.3847**	ug/L
|	Se	78	4	2	0	16.5	-0.000002	**0.0691**	ug/L
|	Se	77	1	1	0	21.7	0.000005	**2.0734**	ug/L
L>	Rh	103	237891	165589	799	0.5	165588.656950		ug/L
	Br	79	8	1248	40	3.2	1240.919102		ug/L
	Cl	35	513	428	33	7.7	-85.004369		ug/L
	C	13	1380	1245	33	2.6	-135.019488		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	69.607
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-20
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:52:06
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 303

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-20.221
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	35	4	11.7	0.000065	**1.6488**	ug/L
│	Se	78	4	2	0	10.1	-0.000001	**0.1535**	ug/L
│	Se	77	1	1	1	39.0	0.000005	**2.0721**	ug/L
└>	Rh	103	237891	165725	1970	1.2	165725.397391		ug/L
	Br	79	8	1168	35	3.0	1160.075014		ug/L
	Cl	35	513	464	33	7.1	-48.335904		ug/L
	C	13	1380	1174	41	3.5	-205.862224		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	69.665
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-21
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:53:46
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 304

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-21.222
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	45	8	17.8	0.000134	**2.2804**	ug/L
|	Se	78	4	2	0	11.1	-0.000003	**0.0462**	ug/L
|	Se	77	1	2	1	50.0	0.000006	**2.4561**	ug/L
L>	Rh	103	237891	162680	1417	0.9	162680.230780		ug/L
	Br	79	8	1190	64	5.4	1182.578036		ug/L
	Cl	35	513	401	34	8.5	-111.672249		ug/L
	C	13	1380	1215	53	4.4	-165.023483		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	68.384
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-22
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:55:27
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 305

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-22.223
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	36	2	6.4	0.000080	**1.7865**	ug/L
|	Se	78	4	2	1	34.0	-0.000003	**-0.0116**	ug/L
|	Se	77	1	1	0	86.6	-0.000000	**0.4330**	ug/L
L>	Rh	103	237891	162134	1606	1.0	162133.954605		ug/L
	Br	79	8	1147	53	4.6	1139.239085		ug/L
	Cl	35	513	428	22	5.0	-84.171020		ug/L
	C	13	1380	1210	44	3.6	-170.024183		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	68.155
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-23
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:57:07
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 306

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-23.224
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	42	5	11.2	0.000115	**2.1020**	ug/L
│	Se	78	4	2	1	50.1	-0.000004	**-0.0872**	ug/L
│	Se	77	1	1	0	25.0	0.000003	**1.4307**	ug/L
└>	Rh	103	237891	163791	2969	1.8	163790.986209		ug/L
	Br	79	8	1143	28	2.4	1135.905258		ug/L
	Cl	35	513	435	20	4.5	-77.504040		ug/L
	C	13	1380	1213	33	2.7	-166.690435		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	68.851
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-24
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 20:58:48
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 307

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-24.225
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	35	1	2.9	0.000071	**1.7041**	ug/L
│	Se	78	4	2	1	50.7	-0.000004	**-0.1215**	ug/L
│	Se	77	1	1	1	70.5	0.000004	**1.6211**	ug/L
└>	Rh	103	237891	162683	1713	1.1	162682.809399		ug/L
	Br	79	8	1158	133	11.5	1150.907781		ug/L
	Cl	35	513	436	18	4.1	-76.670669		ug/L
	C	13	1380	1217	31	2.6	-163.356661		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	68.386
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-25
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 21:00:28
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 308

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-25.226
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	40	6	13.9	0.000101	**1.9812**	ug/L
│	Se	78	4	2	0	16.4	-0.000002	**0.0874**	ug/L
│	Se	77	1	2	1	32.9	0.000007	**2.6499**	ug/L
└>	Rh	103	237891	161393	1516	0.9	161392.593507		ug/L
	Br	79	8	1204	111	9.2	1196.746873		ug/L
	Cl	35	513	420	25	5.9	-92.504737		ug/L
	C	13	1380	1207	79	6.6	-173.357799		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	67.843
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1233002-26
Sample Description: 50x
Batch ID: B121476

Sample Date/Time: Thursday, August 30, 2012 21:02:09
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.1
Autosampler Position: 309

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1233002-26.227
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	31	4	14.1	0.000049	**1.5050**	ug/L
	Se	78	4	2	1	65.5	-0.000007	**-0.3616**	ug/L
	Se	77	1	1	1	62.4	0.000002	**1.1339**	ug/L
>	Rh	103	237891	160323	1070	0.7	160323.042203		ug/L
	Br	79	8	1102	23	2.1	1094.233438		ug/L
	Cl	35	513	448	63	14.1	-65.003301		ug/L
	C	13	1380	1170	63	5.4	-210.029344		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	67.394
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVE

Sample Description:

Batch ID:

Sample Date/Time: Thursday, August 30, 2012 21:03:52
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCVE.228
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	27685	366	1.3	0.142426	**25.9400**	ug/L
│	Se	78	4	2117	51	2.4	0.010886	**21.6702**	ug/L
│	Se	77	1	650	13	2.0	0.003343	**22.0847**	ug/L
└>	Rh	103	237891	194210	2227	1.1	194210.220254		ug/L
	Br	79	8	23	5	22.3	15.833360		ug/L
	Cl	35	513	427	5	1.2	-85.837781		ug/L
	C	13	1380	1266	48	3.8	-114.183233		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	81.638
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBE

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 21:05:33
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCBE.229
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	20	10	51.2	-0.000040	**0.0140**	ug/L
│	Se	78	4	7	1	13.2	0.000018	**0.0423**	ug/L
│	Se	77	1	2	1	82.6	0.000005	**0.0450**	ug/L
└>	Rh	103	237891	194769	1438	0.7	194769.391161		ug/L
	Br	79	8	18	7	37.8	10.000014		ug/L
	Cl	35	513	439	40	9.1	-73.337128		ug/L
	C	13	1380	1235	97	7.9	-145.020543		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	81.873
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121449-BLK1

Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:07:16
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 310

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121449-BLK1.230
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	7	3	41.7	-0.000108	**0.0162**	ug/L
│	Se	78	4	3	1	45.1	-0.000003	**-0.0030**	ug/L
│	Se	77	1	1	1	99.0	0.000003	**0.2704**	ug/L
└>	Rh	103	237891	200161	2041	1.0	200160.519777		ug/L
	Br	79	8	46	19	40.9	38.333458		ug/L
	Cl	35	513	475	61	12.8	-37.501917		ug/L
	C	13	1380	1245	50	4.0	-135.019436		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	84.140
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121449-BLK2

Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:08:57
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 311

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121449-BLK2.231
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	7	7	90.8	-0.000107	**0.0172**	ug/L
|	Se	78	4	2	0	15.9	-0.000004	**-0.0273**	ug/L
|	Se	77	1	1	1	88.2	0.000001	**0.1302**	ug/L
L>	Rh	103	237891	199343	4355	2.2	199342.530458		ug/L
	Br	79	8	28	13	45.3	20.833380		ug/L
	Cl	35	513	453	23	5.0	-60.003181		ug/L
	C	13	1380	1223	88	7.2	-156.688853		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	83.796
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121449-BLK3

Sample Description: 10x

Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:10:37
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 312

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121449-BLK3.232
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	2	2	65.5	-0.000133	**-0.0297**	ug/L
|	Se	78	4	2	1	39.0	-0.000007	**-0.0805**	ug/L
|	Se	77	1	1	0	65.5	-0.000000	**0.0726**	ug/L
⌊>	Rh	103	237891	202809	429	0.2	202808.948362		ug/L
	Br	79	8	50			42.500133		ug/L
	Cl	35	513	408	25	6.0	-105.005306		ug/L
	C	13	1380	1198	9	0.8	-181.692463		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	85.253
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121449-BLK4
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:12:18
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 313

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121449-BLK4.233
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	3	1	43.3	-0.000131	**-0.0266**	ug/L
|	Se	78	4	2	1	24.3	-0.000006	**-0.0547**	ug/L
|	Se	77	1	0	0	91.7	-0.000001	**0.0182**	ug/L
L>	Rh	103	237891	202391	1396	0.7	202390.676189		ug/L
	Br	79	8	23	7	29.4	15.000025		ug/L
	Cl	35	513	408	34	8.3	-105.005286		ug/L
	C	13	1380	1260	102	8.1	-120.017082		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	85.077
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121449-BS1
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:13:58
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 314

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121449-BS1.234
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	2	0	0.0	-0.000134	**-0.0328**	ug/L
|	Se	78	4	155	12	7.8	0.000745	**14.8831**	ug/L
|	Se	77	1	50	3	6.6	0.000241	**16.0223**	ug/L
L>	Rh	103	237891	203555	1466	0.7	203554.574212		ug/L
	Br	79	8	25	5	20.0	17.500031		ug/L
	Cl	35	513	387	56	14.6	-125.839455		ug/L
	C	13	1380	1303	47	3.6	-76.677936		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	85.566
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121449-SRM1

Sample Description: 10x

Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:15:39
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 315

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121449-SRM1.235
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	5920	59	1.0	0.028605	**52.2683**	ug/L
|	Se	78	4	431	14	3.3	0.002078	**41.4204**	ug/L
|	Se	77	1	133	4	3.4	0.000643	**42.5609**	ug/L
⌊>	Rh	103	237891	205914	660	0.3	205914.271354		ug/L
	Br	79	8	78	15	19.5	70.833675		ug/L
	Cl	35	513	428	29	6.7	-84.171006		ug/L
	C	13	1380	1253	28	2.2	-127.518469		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	86.558
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121449-SRM2

Sample Description: 10x

Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:17:19
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 316

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121449-SRM2.236
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	15789	118	0.8	0.076639	**139.6803**	ug/L
|	Se	78	4	331	10	3.0	0.001595	**31.7938**	ug/L
|	Se	77	1	104	3	3.1	0.000500	**33.1192**	ug/L
L>	Rh	103	237891	205634	686	0.3	205633.865015		ug/L
	Br	79	8	403	8	1.9	395.008909		ug/L
	Cl	35	513	408	18	4.3	-105.005317		ug/L
	C	13	1380	1207	24	2.0	-173.358009		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	86.440
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-01
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:19:00
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 317

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-01.237
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	33	4	12.5	0.000011	**0.2324**	ug/L
│	Se	78	4	63	3	4.7	0.000276	**5.5528**	ug/L
│	Se	77	1	17	3	17.0	0.000076	**5.1232**	ug/L
└>	Rh	103	237891	214279	2011	0.9	214279.422759		ug/L
	Br	79	8	38	9	23.1	30.000076		ug/L
	Cl	35	513	467	40	8.5	-45.835758		ug/L
	C	13	1380	1164	54	4.6	-215.863467		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	90.075
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121449-DUP1
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:20:40
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 318

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121449-DUP1.238
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	26	6	23.4	-0.000024	**0.1677**	ug/L
|	Se	78	4	62	3	4.4	0.000272	**5.4721**	ug/L
|	Se	77	1	20	1	4.8	0.000089	**5.9546**	ug/L
L>	Rh	103	237891	216631	642	0.3	216630.711409		ug/L
	Br	79	8	34	8	23.5	26.666729		ug/L
	Cl	35	513	464	14	3.0	-48.335937		ug/L
	C	13	1380	1235	7	0.5	-145.020890		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	91.063
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVF

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 21:22:23
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCVF.239
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	31178	166	0.5	0.142735	**25.9962**	ug/L
│	Se	78	4	2475	24	1.0	0.011324	**22.5415**	ug/L
│	Se	77	1	767	17	2.2	0.003510	**23.1877**	ug/L
└>	Rh	103	237891	218231	1821	0.8	218230.910972		ug/L
	Br	79	8	12	8	65.5	4.166672		ug/L
	Cl	35	513	458	46	10.1	-54.169495		ug/L
	C	13	1380	1281	17	1.3	-99.181205		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	91.736
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBF

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 21:24:05
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCBF.240
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	21	7	31.2	-0.000048	**0.0124**	ug/L
│	Se	78	4	7	2	31.8	0.000017	**0.0391**	ug/L
│	Se	77	1	2	1	57.7	0.000007	**0.0559**	ug/L
└>	Rh	103	237891	218389	3645	1.7	218389.163337		ug/L
	Br	79	8	9	4	41.7	1.666668		ug/L
	Cl	35	513	421	54	12.9	-91.671279		ug/L
	C	13	1380	1272	44	3.4	-108.349099		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	91.802
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121449-MS1
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:25:47
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 319

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121449-MS1.241
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	23	8	35.7	-0.000039	**0.1402**	ug/L
│	Se	78	4	224	15	6.5	0.001028	**20.5250**	ug/L
│	Se	77	1	69	6	8.2	0.000318	**21.1111**	ug/L
└>	Rh	103	237891	214926	5081	2.4	214926.024786		ug/L
	Br	79	8	38	4	11.5	30.000074		ug/L
	Cl	35	513	439	25	5.7	-73.337164		ug/L
	C	13	1380	1191	125	10.5	-189.192880		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	90.347
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121449-MSD1

Sample Description: 10x

Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:27:28
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 320

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121449-MSD1.242
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	22	5	20.8	-0.000043	**0.1344**	ug/L
│	Se	78	4	240	6	2.3	0.001091	**21.7716**	ug/L
│	Se	77	1	72	4	4.9	0.000331	**21.9328**	ug/L
└>	Rh	103	237891	216404	627	0.3	216403.733209		ug/L
	Br	79	8	34	1	4.2	26.666727		ug/L
	Cl	35	513	423	19	4.4	-89.171258		ug/L
	C	13	1380	1142	61	5.3	-238.366290		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	90.968
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-02

Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:29:08
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 321

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-02.243
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	1870	21	1.1	0.008704	**16.0516**	ug/L
│	Se	78	4	46	5	10.9	0.000199	**4.0257**	ug/L
│	Se	77	1	16	4	22.4	0.000071	**4.7798**	ug/L
└>	Rh	103	237891	211308	2128	1.0	211307.750208		ug/L
	Br	79	8	48	15	32.0	40.000129		ug/L
	Cl	35	513	446	38	8.6	-66.670141		ug/L
	C	13	1380	1166	47	4.0	-214.196613		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	88.826
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-03
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:30:49
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 322

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-03.244
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	1488	88	5.9	0.006914	**12.7942**	ug/L
│	Se	78	4	23	3	14.5	0.000090	**1.8587**	ug/L
│	Se	77	1	7	2	24.4	0.000032	**2.2088**	ug/L
└>	Rh	103	237891	210776	1633	0.8	210776.393853		ug/L
	Br	79	8	38	6	16.4	30.833412		ug/L
	Cl	35	513	453	10	2.2	-60.003196		ug/L
	C	13	1380	1139	24	2.1	-240.866718		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	88.602
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-04
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:32:29
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 323

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-04.245
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	947	15	1.5	0.004234	**7.9164**	ug/L
│	Se	78	4	59	2	3.4	0.000257	**5.1666**	ug/L
│	Se	77	1	17	3	14.9	0.000076	**5.1203**	ug/L
└>	Rh	103	237891	216337	1448	0.7	216337.238646		ug/L
	Br	79	8	38	9	24.7	30.833413		ug/L
	Cl	35	513	445	41	9.2	-67.503508		ug/L
	C	13	1380	1161	27	2.4	-219.197305		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	90.940
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-05
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:34:10
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 324

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-05.246
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	2126	6	0.3	0.009723	**17.9066**	ug/L
│	Se	78	4	31	3	9.1	0.000127	**2.5887**	ug/L
│	Se	77	1	11	2	16.3	0.000047	**3.1782**	ug/L
└>	Rh	103	237891	215443	209	0.1	215442.967979		ug/L
	Br	79	8	38	25	66.0	30.833434		ug/L
	Cl	35	513	440	20	4.4	-72.503799		ug/L
	C	13	1380	1231	73	5.9	-149.187929		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	90.564
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-06
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:35:50
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 325

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-06.247
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	773	25	3.2	0.003389	**6.3787**	ug/L
│	Se	78	4	16	0	1.6	0.000055	**1.1618**	ug/L
│	Se	77	1	5	1	22.7	0.000018	**1.2669**	ug/L
└>	Rh	103	237891	218798	886	0.4	218798.386274		ug/L
	Br	79	8	28	7	24.1	20.000039		ug/L
	Cl	35	513	451	46	10.3	-61.669870		ug/L
	C	13	1380	1220	37	3.0	-160.022867		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	91.974
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-07
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:37:31
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 326

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-07.248
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	1294	31	2.4	0.005785	**10.7391**	ug/L
│	Se	78	4	18	2	10.4	0.000067	**1.4005**	ug/L
│	Se	77	1	5	0	5.3	0.000022	**1.5219**	ug/L
└>	Rh	103	237891	218308	1630	0.7	218307.698607		ug/L
	Br	79	8	37	8	21.9	29.166739		ug/L
	Cl	35	513	452	4	0.8	-60.836574		ug/L
	C	13	1380	1246	58	4.7	-134.185956		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	91.768
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-08
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:39:11
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 327

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-08.249
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	44	6	13.8	0.000057	**0.3152**	ug/L
│	Se	78	4	62	5	8.2	0.000263	**5.3017**	ug/L
│	Se	77	1	16	2	12.6	0.000069	**4.6492**	ug/L
└>	Rh	103	237891	220544	523	0.2	220543.962348		ug/L
	Br	79	8	28	9	31.0	20.833376		ug/L
	Cl	35	513	445	26	5.9	-67.503545		ug/L
	C	13	1380	1282	31	2.4	-98.347729		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	92.708
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVG

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 21:40:53
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCVG.250
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	31857	129	0.4	0.144648	**26.3445**	ug/L
│	Se	78	4	2513	17	0.7	0.011407	**22.7073**	ug/L
│	Se	77	1	756	23	3.0	0.003434	**22.6883**	ug/L
└>	Rh	103	237891	220022	935	0.4	220021.551379		ug/L
	Br	79	8	9	5	56.8	1.666668		ug/L
	Cl	35	513	466	20	4.3	-46.669178		ug/L
	C	13	1380	1254	36	2.9	-125.851552		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	92.488
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBG

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 21:42:35
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCBG.251
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	33	20	59.7	0.000007	**0.0224**	ug/L
|	Se	78	4	8	3	38.1	0.000021	**0.0477**	ug/L
|	Se	77	1	3	1	43.9	0.000012	**0.0891**	ug/L
L>	Rh	103	237891	218186	478	0.2	218185.565950		ug/L
	Br	79	8	7	3	43.3	-0.833335		ug/L
	Cl	35	513	469	38	8.0	-43.335636		ug/L
	C	13	1380	1283	22	1.7	-97.514296		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	91.717
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-09
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:44:17
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 328

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-09.252
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	27	3	9.8	-0.000021	**0.1738**	ug/L
│	Se	78	4	97	3	2.8	0.000428	**8.5815**	ug/L
│	Se	77	1	27	4	13.3	0.000122	**8.1292**	ug/L
└>	Rh	103	237891	219037	2121	1.0	219036.653260		ug/L
	Br	79	8	26	15	56.7	18.333374		ug/L
	Cl	35	513	433	3	0.7	-79.170800		ug/L
	C	13	1380	1216	57	4.7	-164.190024		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	92.074
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-10
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:45:58
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 329

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-10.253
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	35	3	8.6	0.000016	**0.2408**	ug/L
│	Se	78	4	86	3	3.9	0.000373	**7.4841**	ug/L
│	Se	77	1	28	2	7.7	0.000123	**8.2392**	ug/L
└>	Rh	103	237891	220576	975	0.4	220576.426500		ug/L
	Br	79	8	28	13	45.3	20.833380		ug/L
	Cl	35	513	452	45	9.9	-60.836501		ug/L
	C	13	1380	1254	43	3.4	-125.851534		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	92.722
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-11
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:47:38
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 330

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-11.254
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	61	6	10.5	0.000133	**0.4549**	ug/L
│	Se	78	4	55	6	10.5	0.000232	**4.6799**	ug/L
│	Se	77	1	18	1	2.9	0.000078	**5.2408**	ug/L
└>	Rh	103	237891	220850	1100	0.5	220850.469810		ug/L
	Br	79	8	24	5	21.5	16.666696		ug/L
	Cl	35	513	449	58	13.0	-63.336574		ug/L
	C	13	1380	1222	3	0.2	-158.356026		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	92.837
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121449-DUP2

Sample Description: 10x

Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:49:19
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 331

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121449-DUP2.255
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	891	21	2.3	0.003889	**7.2890**	ug/L
|	Se	78	4	54	8	13.8	0.000229	**4.6224**	ug/L
|	Se	77	1	16	3	15.6	0.000069	**4.6660**	ug/L
L>	Rh	103	237891	220869	1327	0.6	220869.271153		ug/L
	Br	79	8	37	6	17.2	29.166738		ug/L
	Cl	35	513	467	23	5.0	-45.835797		ug/L
	C	13	1380	1219	111	9.1	-160.855910		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	92.845
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121449-MS2

Sample Description: 10x

Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:50:59
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 332

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121449-MS2.256
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	1031	29	2.8	0.004554	**8.4998**	ug/L
	Se	78	4	240	3	1.2	0.001079	**21.5425**	ug/L
	Se	77	1	70	4	5.6	0.000317	**21.0375**	ug/L
>	Rh	103	237891	219368	1939	0.9	219367.803155		ug/L
	Br	79	8	34	15	44.1	26.666735		ug/L
	Cl	35	513	441	34	7.7	-71.670397		ug/L
	C	13	1380	1203	4	0.4	-177.525248		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	92.214
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121449-MSD2

Sample Description: 10x

Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:52:40
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 333

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121449-MSD2.257
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	915	55	6.0	0.004024	**7.5353**	ug/L
│	Se	78	4	246	6	2.6	0.001103	**22.0146**	ug/L
│	Se	77	1	72	1	1.2	0.000325	**21.5362**	ug/L
└>	Rh	103	237891	219581	955	0.4	219581.093349		ug/L
	Br	79	8	34	10	29.6	26.666731		ug/L
	Cl	35	513	446	38	8.6	-66.670141		ug/L
	C	13	1380	1206	25	2.1	-174.191451		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	92.303
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-12
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:54:20
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 334

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-12.258
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	41	7	15.7	0.000041	**0.2869**	ug/L
│	Se	78	4	65	5	7.5	0.000276	**5.5431**	ug/L
│	Se	77	1	19	1	6.8	0.000082	**5.5065**	ug/L
└>	Rh	103	237891	223088	2581	1.2	223088.489470		ug/L
	Br	79	8	19	1	7.5	11.666683		ug/L
	Cl	35	513	464	13	2.8	-48.335938		ug/L
	C	13	1380	1203	57	4.7	-177.525132		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	93.778
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-13
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:56:01
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 335

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-13.259
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	28	7	25.0	-0.000019	**0.1778**	ug/L
│	Se	78	4	56	4	6.6	0.000237	**4.7685**	ug/L
│	Se	77	1	18	3	14.6	0.000077	**5.2036**	ug/L
└>	Rh	103	237891	223388	2444	1.1	223388.191371		ug/L
	Br	79	8	16	5	32.9	8.333344		ug/L
	Cl	35	513	464	11	2.4	-48.335940		ug/L
	C	13	1380	1264	55	4.4	-115.850103		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	93.904
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-14
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:57:41
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 336

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-14.260
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	38	5	12.1	0.000029	**0.2646**	ug/L
│	Se	78	4	71	7	9.2	0.000307	**6.1673**	ug/L
│	Se	77	1	22	2	10.3	0.000096	**6.4544**	ug/L
└>	Rh	103	237891	219783	6149	2.8	219783.024378		ug/L
	Br	79	8	34	5	15.2	26.666728		ug/L
	Cl	35	513	455	35	7.7	-57.503030		ug/L
	C	13	1380	1178	89	7.6	-201.694788		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	92.388
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-15
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 21:59:22
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 337

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-15.261
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	36	8	22.8	0.000018	**0.2452**	ug/L
│	Se	78	4	51	1	1.7	0.000217	**4.3792**	ug/L
│	Se	77	1	15	2	14.0	0.000066	**4.4464**	ug/L
└>	Rh	103	237891	219462	1367	0.6	219462.480669		ug/L
	Br	79	8	21	12	56.7	13.333358		ug/L
	Cl	35	513	484	20	4.1	-28.334886		ug/L
	C	13	1380	1207	98	8.1	-173.357677		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	92.253
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVH

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 22:01:03
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCVH.262
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	32369	423	1.3	0.144782	**26.3689**	ug/L
│	Se	78	4	2586	44	1.7	0.011562	**23.0167**	ug/L
│	Se	77	1	772	12	1.5	0.003452	**22.8042**	ug/L
└>	Rh	103	237891	223344	1708	0.8	223343.676017		ug/L
	Br	79	8	10	8	75.0	2.500004		ug/L
	Cl	35	513	448	16	3.5	-64.170063		ug/L
	C	13	1380	1112	60	5.4	-268.370012		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	93.885
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBH

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 22:02:45
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCBH.263
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	21	10	47.9	-0.000048	**0.0124**	ug/L
|	Se	78	4	8	3	34.2	0.000022	**0.0496**	ug/L
|	Se	77	1	3	1	32.8	0.000009	**0.0704**	ug/L
L>	Rh	103	237891	221101	2884	1.3	221100.865087		ug/L
	Br	79	8	4	3	69.3	-3.333336		ug/L
	Cl	35	513	498	37	7.5	-14.167418		ug/L
	C	13	1380	1176	35	3.0	-204.195359		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	92.942
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-16
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 22:04:27
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 338

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-16.264
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	57	15	25.8	0.000117	**0.4245**	ug/L
│	Se	78	4	49	3	6.9	0.000208	**4.1983**	ug/L
│	Se	77	1	13	1	4.0	0.000057	**3.8403**	ug/L
└>	Rh	103	237891	218308	651	0.3	218308.471190		ug/L
	Br	79	8	28	9	32.8	20.000041		ug/L
	Cl	35	513	443	65	14.7	-69.170163		ug/L
	C	13	1380	1166	30	2.6	-214.196660		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	91.768
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-17
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 22:06:07
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 339

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-17.265
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	75	2	2.8	0.000196	**0.5691**	ug/L
│	Se	78	4	54	5	10.0	0.000230	**4.6350**	ug/L
│	Se	77	1	16	2	15.1	0.000069	**4.6247**	ug/L
└>	Rh	103	237891	219222	1271	0.6	219221.767323		ug/L
	Br	79	8	27	8	28.6	19.166704		ug/L
	Cl	35	513	467	19	4.0	-45.835804		ug/L
	C	13	1380	1235	52	4.2	-145.020792		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	92.152
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-18
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 22:07:48
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 340

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-18.266
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	56	7	11.8	0.000111	**0.4143**	ug/L
│	Se	78	4	61	3	5.3	0.000259	**5.2118**	ug/L
│	Se	77	1	16	1	3.7	0.000068	**4.5526**	ug/L
└>	Rh	103	237891	220357	1488	0.7	220357.080322		ug/L
	Br	79	8	31	9	30.7	23.333385		ug/L
	Cl	35	513	473	33	6.9	-39.168766		ug/L
	C	13	1380	1199	64	5.4	-180.858871		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	92.630
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-19
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 22:09:28
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 341

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-19.267
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	47	5	10.8	0.000071	**0.3406**	ug/L
│	Se	78	4	125	6	4.4	0.000553	**11.0741**	ug/L
│	Se	77	1	38	2	4.3	0.000170	**11.2866**	ug/L
└>	Rh	103	237891	220071	1048	0.5	220071.069861		ug/L
	Br	79	8	26	4	14.8	18.333367		ug/L
	Cl	35	513	433	45	10.4	-80.004098		ug/L
	C	13	1380	1234	45	3.7	-145.854263		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	92.509
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVI

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 22:11:10
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCVI.268
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	32415	395	1.2	0.145780	**26.5505**	ug/L
│	Se	78	4	2568	24	0.9	0.011543	**22.9772**	ug/L
│	Se	77	1	775	22	2.9	0.003486	**23.0287**	ug/L
└>	Rh	103	237891	222135	105	0.0	222135.335940		ug/L
	Br	79	8	7	9	142.0	-0.833332		ug/L
	Cl	35	513	467	28	5.9	-45.835788		ug/L
	C	13	1380	1160	43	3.7	-220.030703		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	93.377
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBI

Sample Description:

Batch ID:

Sample Date/Time: Thursday, August 30, 2012 22:12:52
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCBI.269
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	17	3	19.3	-0.000069	**0.0086**	ug/L
|	Se	78	4	7	1	18.9	0.000017	**0.0399**	ug/L
|	Se	77	1	2	1	45.1	0.000006	**0.0480**	ug/L
L>	Rh	103	237891	221253	729	0.3	221252.547148		ug/L
	Br	79	8	4	3	69.3	-3.333336		ug/L
	Cl	35	513	486	1	0.3	-26.668146		ug/L
	C	13	1380	1159	62	5.4	-220.864069		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	93.006
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-20
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 22:14:34
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 342

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-20.270
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	60	23	37.8	0.000127	**0.4430**	ug/L
	Se	78	4	63	2	3.7	0.000270	**5.4294**	ug/L
	Se	77	1	17	4	20.7	0.000076	**5.0813**	ug/L
>	Rh	103	237891	220428	1891	0.9	220427.983287		ug/L
	Br	79	8	18	10	57.1	10.000017		ug/L
	Cl	35	513	443	9	2.0	-70.003689		ug/L
	C	13	1380	1233	28	2.3	-147.521201		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	92.659
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-21
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 22:16:15
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 343

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-21.271
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	60	22	37.1	0.000127	**0.4422**	ug/L
│	Se	78	4	58	1	2.5	0.000245	**4.9373**	ug/L
│	Se	77	1	17	2	8.9	0.000074	**4.9749**	ug/L
└>	Rh	103	237891	220438	652	0.3	220438.113041		ug/L
	Br	79	8	19	6	32.8	11.666684		ug/L
	Cl	35	513	458	44	9.5	-54.169504		ug/L
	C	13	1380	1172	44	3.7	-208.362538		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	92.664
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121449-DUP3

Sample Description: 10x

Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 22:17:55
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 344

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121449-DUP3.272
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	43	7	15.2	0.000049	**0.3003**	ug/L
|	Se	78	4	59	4	6.1	0.000249	**5.0061**	ug/L
|	Se	77	1	16	4	23.1	0.000071	**4.7766**	ug/L
⌊>	Rh	103	237891	221350	2149	1.0	221350.021797		ug/L
	Br	79	8	27	4	14.3	19.166702		ug/L
	Cl	35	513	444	46	10.3	-68.336867		ug/L
	C	13	1380	1264	52	4.1	-115.850117		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	93.047
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121449-MS3
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 22:19:36
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 345

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121449-MS3.273
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	43	6	14.1	0.000051	**0.3040**	ug/L
│	Se	78	4	243	7	3.0	0.001085	**21.6580**	ug/L
│	Se	77	1	74	6	7.9	0.000333	**22.0826**	ug/L
└>	Rh	103	237891	220834	2723	1.2	220833.620638		ug/L
	Br	79	8	18	5	28.6	10.000014		ug/L
	Cl	35	513	419	23	5.5	-93.338111		ug/L
	C	13	1380	1211	8	0.7	-169.190807		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	92.830
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: B121449-MSD3
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 22:21:17
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 346

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\B121449-MSD3.274
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	42	6	14.2	0.000046	**0.2961**	ug/L
│	Se	78	4	239	14	5.9	0.001062	**21.2025**	ug/L
│	Se	77	1	74	1	1.7	0.000331	**21.9166**	ug/L
└>	Rh	103	237891	222032	2978	1.3	222032.345130		ug/L
	Br	79	8	17	5	31.2	9.166679		ug/L
	Cl	35	513	438	30	6.9	-75.003900		ug/L
	C	13	1380	1109	35	3.2	-270.870405		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	93.334
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-22
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 22:22:57
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 347

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-22.275
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	21	4	19.6	-0.000052	**0.1178**	ug/L
│	Se	78	4	59	7	11.4	0.000250	**5.0371**	ug/L
│	Se	77	1	21	3	13.4	0.000092	**6.1456**	ug/L
└>	Rh	103	237891	223216	866	0.4	223215.508580		ug/L
	Br	79	8	12	3	24.7	4.166670		ug/L
	Cl	35	513	473	22	4.6	-39.168788		ug/L
	C	13	1380	1140	96	8.4	-240.032966		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	93.831
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-23
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 22:24:37
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 348

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-23.276
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	45	4	7.7	0.000060	**0.3216**	ug/L
|	Se	78	4	56	2	3.6	0.000236	**4.7522**	ug/L
|	Se	77	1	16	2	13.2	0.000069	**4.6302**	ug/L
⌊>	Rh	103	237891	221600	2837	1.3	221600.297484		ug/L
	Br	79	8	16	6	39.7	8.333345		ug/L
	Cl	35	513	446	57	12.8	-66.670077		ug/L
	C	13	1380	1199	28	2.3	-180.858994		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
⌊>	Rh	103	93.152
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-24
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 22:26:18
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 349

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-24.277
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	37	10	26.6	0.000023	**0.2543**	ug/L
	Se	78	4	52	2	2.9	0.000221	**4.4621**	ug/L
	Se	77	1	15	2	11.6	0.000063	**4.2702**	ug/L
>	Rh	103	237891	220802	1130	0.5	220801.811406		ug/L
	Br	79	8	18	3	14.3	10.000013		ug/L
	Cl	35	513	431	26	5.9	-81.670895		ug/L
	C	13	1380	1211	62	5.2	-169.190666		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	92.816
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: 1232023-25
Sample Description: 10x
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 22:27:58
Diluted To Volume (mL): 5.00
Aliquot Volume (mL): 0.5
Autosampler Position: 350

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\1232023-25.278
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	43	12	28.6	0.000049	**0.3006**	ug/L
	Se	78	4	50	3	5.8	0.000210	**4.2339**	ug/L
	Se	77	1	16	2	12.7	0.000068	**4.6060**	ug/L
>	Rh	103	237891	222430	1844	0.8	222430.031415		ug/L
	Br	79	8	13	5	39.0	5.833340		ug/L
	Cl	35	513	427	19	4.4	-85.837769		ug/L
	C	13	1380	1128	95	8.4	-251.701093		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	93.501
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCVJ

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 22:29:39
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 7

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCVJ.279
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	32659	688	2.1	0.147044	**26.7804**	ug/L
|	Se	78	4	2629	11	0.4	0.011827	**23.5432**	ug/L
|	Se	77	1	793	22	2.8	0.003570	**23.5825**	ug/L
L>	Rh	103	237891	222123	6941	3.1	222123.419802		ug/L
	Br	79	8	3	0	0.0	-5.000004		ug/L
	Cl	35	513	445	29	6.6	-67.503538		ug/L
	C	13	1380	1177	99	8.4	-203.361605		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	93.372
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: SEQ-CCBJ

Sample Description:
Batch ID:

Sample Date/Time: Thursday, August 30, 2012 22:31:21
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 1

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-CCBJ.280
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
┌	AsO	91	34	28	18	64.1	-0.000016	**0.0184**	ug/L
│	Se	78	4	9	3	32.7	0.000026	**0.0568**	ug/L
│	Se	77	1	3	1	47.2	0.000010	**0.0758**	ug/L
└>	Rh	103	237891	219831	1353	0.6	219831.229845		ug/L
	Br	79	8	3	1	43.3	-4.166670		ug/L
	Cl	35	513	508	37	7.4	-5.000244		ug/L
	C	13	1380	1149	14	1.2	-230.865474		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
┌	AsO	91	
│	Se	78	
│	Se	77	
└>	Rh	103	92.408
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse
Sample Description:
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 22:33:05
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\rinse.281
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	14	18	125.1	-0.000079	**0.0068**	ug/L
|	Se	78	4	5	2	29.9	0.000007	**0.0206**	ug/L
|	Se	77	1	1	1	88.2	0.000000	**0.0108**	ug/L
L>	Rh	103	237891	220422	1628	0.7	220421.974057		ug/L
	Br	79	8	3	0	0.0	-5.000004		ug/L
	Cl	35	513	411	38	9.2	-101.671792		ug/L
	C	13	1380	1123	30	2.7	-257.535446		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	92.657
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse
Sample Description:
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 22:34:46
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\rinse.282
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
	AsO	91	34	4	1	15.7	-0.000128	**-0.0020**	ug/L
	Se	78	4	3	2	64.7	-0.000004	**-0.0020**	ug/L
	Se	77	1	1	1	75.5	0.000001	**0.0132**	ug/L
>	Rh	103	237891	220543	1056	0.5	220543.139181		ug/L
	Br	79	8	3	4	114.6	-4.166670		ug/L
	Cl	35	513	464	20	4.4	-48.335929		ug/L
	C	13	1380	1175	66	5.6	-205.028685		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
	AsO	91	
	Se	78	
	Se	77	
>	Rh	103	92.708
	Br	79	
	Cl	35	
	C	13	

Quantitative Analysis - Brooks Rand Labs ICP-MS Summary Report

Sample ID: rinse
Sample Description:
Batch ID: B121449

Sample Date/Time: Thursday, August 30, 2012 22:36:27
Diluted To Volume (mL):
Aliquot Volume (mL):
Autosampler Position: 434

Sample File: C:\Elandata\Sample\2012\8-12\1200676.sam
Method File: C:\Elandata\Method\2012\8-12\1200676-0062-icpms2-TMU.mth
Dataset File: C:\Elandata\DataSet\Data\2012\8-12\1200676\rinse.283
Calibration File: C:\Elandata\System\2012\8-12\1200676.cal
Blank File: C:\Elandata\DataSet\Data\2012\8-12\1200676\SEQ-ICB1.077

Concentration Results

	Analyte	Mass	Blank Int Mean	Meas Int Mean	Meas Int SD	Meas Int RSD	Net Int Mean	**Conc Mean**	Sample Unit
⌈	AsO	91	34	14	16	116.7	-0.000082	**0.0063**	ug/L
|	Se	78	4	4	3	68.0	0.000001	**0.0072**	ug/L
|	Se	77	1	1	1	83.4	0.000003	**0.0310**	ug/L
L>	Rh	103	237891	219588	967	0.4	219587.922792		ug/L
	Br	79	8	3	3	100.0	-5.000003		ug/L
	Cl	35	513	437	65	14.9	-75.837152		ug/L
	C	13	1380	1138	40	3.5	-242.533556		ug/L

Int Std % Recovery

	Analyte	Mass	Int Std % Recovery
⌈	AsO	91	
|	Se	78	
|	Se	77	
L>	Rh	103	92.306
	Br	79	
	Cl	35	
	C	13	

Batch:	B121427		**Analyte:**	%TS	**Date:**	8/13/12		**MDL:**	0.25
Analyst:	AAP		**Matrix:**	BIOTA				**MRL:**	0.85
NOTE:	***To simplify and ensure correct upload of data to the LIMS, always order your samples in this spreadsheet from lowest WO/sample ID # to highest WO/sample ID #, BLKs, and finally DUPs.***								

Work Order #	Dish ID	Tare Wt. (g)	Gross Wet Wt. (g)	Gross Dry Wt. (g)	Net Wet Wt. (g)	Net Dry Wt. (g)	Dry Wt. %		Comments
1232023-01	23-01	1.013	2.078	1.325	1.065	0.312	29.30		
1232023-02	23-02	1.012	3.012	1.471	2.000	0.459	22.95		
1232023-03	23-03								Too little sample.
1232023-04	23-04	1.020	2.852	1.578	1.832	0.558	30.46		
1232023-05	23-05	1.010	2.657	1.389	1.647	0.379	23.01		
1232023-06	23-06	1.021	2.395	1.201	1.374	0.180	13.10		
1232023-07	23-07	1.035	1.267	1.078	0.232	0.043	18.53		
1232023-08	23-08	1.055	2.148	1.419	1.093	0.364	33.30		
1232023-09	23-09	1.007	2.140	1.366	1.133	0.359	31.69		
1232023-10	23-10	1.016	2.164	1.385	1.148	0.369	32.14		
1232023-11	23-11	0.989	2.097	1.333	1.108	0.344	31.05		
1232023-12	23-12	1.028	2.059	1.350	1.031	0.322	31.23		
1232023-13	23-13	1.021	2.080	1.337	1.059	0.316	29.84		
1232023-14	23-14	1.039	2.095	1.300	1.056	0.261	24.72		
1232023-15	23-15	1.014	2.137	1.327	1.123	0.313	27.87		
1232023-16	23-16	1.025	2.083	1.285	1.058	0.260	24.57		
1232023-17	23-17	1.016	2.219	1.327	1.203	0.311	25.85		
1232023-18	23-18	1.026	2.110	1.326	1.084	0.300	27.68		
1232023-19	23-19	1.020	2.148	1.329	1.128	0.309	27.39		
1232023-20	23-20	1.014	2.145	1.302	1.131	0.288	25.46		
1232023-21	23-21	1.011	2.101	1.262	1.090	0.251	23.03		
1232023-22	23-22	1.032	2.206	1.342	1.174	0.310	26.41		
1232023-23	23-23	1.026	2.064	1.283	1.038	0.257	24.76		
1232023-24	23-24	1.024	2.196	1.315	1.172	0.291	24.83		
1232023-25	23-25	1.028	2.258	1.381	1.230	0.353	28.70		
B121427-BLK1	BLK1	1.038		1.039		0.001	0.08	0.04	= MB Avg
B121427-BLK2	BLK2	1.044		1.044		0.000	0.00	0.06	= MB StDev
B121427-DUP1	DUP1	1.033	2.003	1.303	0.970	0.270	27.84	5%	
B121427-DUP2	DUP2	1.054	2.681	1.541	1.627	0.487	29.93	2%	
B121427-DUP3	DUP3	1.030	2.082	1.297	1.052	0.267	25.38	0%	
								1.18	Rep Wt.

Dry Weight (% Solids) Bench Sheet (BR-1501 Rev 005)

Batch #: B121427 Analyst: TE Date: 8/13/12 Page 1 of 2

Sample ID#	Dish # (if diff. from Sample ID)	Tare Wt. (g)	Gross Wet Wt. (g)	Initial Gross Dry Wt. (g)	Verification Gross Dry Wt. #1* (g)	Verification Gross Dry Wt. #2 (g)
1232023-01		1.013	2.078	1.3225		
-02		1.012	3.012	1.471		
* -03		~~1.035~~	~~1.235~~ TE 8/13/12			
-04		1.020	2.852	1.578		
-05		1.010	2.657	1.389		
-06		1.021	2.395	1.201		
-07		1.035	1.267	1.078		
-08		1.055	2.148	1.419		
-09		1.007	2.140	1.366		
-10		1.016	2.164	1.385		
-11		0.994	2.097	1.333		
-12		1.028	2.059	1.350		
-13		1.021	2.080	1.337		
-14		1.039	2.095	1.300		
-15		1.014	2.137	1.327		
-16		1.025	2.083	1.285		
-17		1.016	2.219	1.327		
-18		1.026	2.110	1.326		
-19		1.020	2.148	1.329		
-20		1.014	2.145	1.302		
-21		1.011	2.101	1.262		
-22		1.032	2.206	1.342		
-23		1.026	2.064	1.283		
-24		1.024	2.196	1.315		

* Verification dry weight (net) must be within 4% of or < 0.5 mg less than the previous dry weight measurement; whichever is stricter.

Balance ID: BL-06 Oven ID: OV-02 ~~1436~~ Thermometer ID: 010398

1) Time / Date / Temp** in: 14:35 8/13/12 111° (109°) Time / Date / Temp** out: ~~1418~~ / 8·15·12 / 109°C, 107°C
2) Time / Date / Temp** in: — Time / Date / Temp** out: 8·15·12 AAP
3) Time / Date / Temp** in: — Time / Date / Temp** out: — (if necessary)

Reweigh Analyst: AAP, BL-07 Verification Analyst: — (if necessary)

**** Both the measured and the corrected temperatures must be recorded. Record the measured temperature first and then the corrected temperature.**

* Not weighed out due to very limited sample mass.

Dry Weight (% Solids) Bench Sheet (BR-1501 Rev 005)

Batch #: B121427 Analyst: TE Date: 8/13/12 Page 2 of 2

Sample ID#	Dish # (if diff. from Sample ID)	Tare Wt. (g)	Gross Wet Wt. (g)	Initial Gross Dry Wt. (g)	Verification Gross Dry Wt. #1* (g)	Verification Gross Dry Wt. #2 (g)
1232023-25		1.028	2.258	1.387		
B121427-BIK1		1.038	—	1.039		
-BIK2		1.044	—	1.048 8/15/12		
-Dup1		1.033	2.003	1.303		
-Dup2		1.054	2.681	1.541		
-Dup3		1.030	2.082	1.297		

8/17/12 KDM

* Verification dry weight (net) must be within 4% of or < 0.5 mg less than the previous dry weight measurement; whichever is stricter.

Sample Characteristics Log (Biota)

BRL Report 1232023

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(BR-0106 Rev 003)

Prep Technician: TE **Date:** 8/13/12

Batch(es): B121427

Sample ID	Matrix/Submatrix	Physical Characteristics
1232023-01	Duck Egg	yellow yolk + white liquid
-02	Invertebrate	Black + soil like
-03	↓	Brown crumpled Flies
-04	Invertebrate	Black + soil like, few small rock like pieces
-05	↓	" " no rocks
-06	↓	Brown/grey mush
-07	↓	Brown crumpled bugs
-08	duck Egg	yellow firm yolk + white liquid
-09	Duck Egg	yellow firm yolk w/ red spots + white liquid
-10	Duck Egg	yellow Firm yolk w/ red spots + white - Foamy liquid
-11	Duck Egg	" "
-12	Duck Egg	yellow yolk + white liquid
-13	↓	yellow Firm yolk + white liquid
-14	↓	" "
-15	↓	" "
-16	↓	yellow yolk + liquid already somewhat homog'd
-17	↓	" "
-18	↓	yellow yolk + white liquid
-19	↓	yellow yolk + liquid already somewhat homog'd, few pieces of shell
-20	↓	yellow yolk + liquid already somewhat homog'd
-21	↓	" "
-22	↓	" "
-23	↓	" "

Additional Notes:

Sample Characteristics Log (Biota)

BRL Report 1232023

(BR-0106 Rev 003)

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Prep Technician: JS **Date:** 8/13/12

Batch(es): B121427

Sample ID	Matrix/Submatrix	Physical Characteristics
1232023-24	Duck Egg	yellow yolk + liquid already somewhat moved
+ -25	+	yellow Firm yolk w/ red spots and white liquid

8/17/12

KDM

Additional Notes: