TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 680-87447-3

SDG Number: 68087447-3

Job Description: 35th Avenue Superfund Site

For:
Oneida Total Integrated Enterprises LLC
1220 Kennestone Circle
Suite 106
Marietta, GA 30060

Attention: Ms. Limari F Krebs

Approved for release.
Bernard Kirkland
Project Manager I
2/27/2013 3:33 PM

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02/27/2013

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CASE NARRATIVE

Client: Oneida Total Integrated Enterprises LLC

Project: 35th Avenue Superfund Site

Report Number: 680-87447-3

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

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

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 02/14/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 5.2 C.

METALS (ICP)
Sample 021213-RB-Shovel (680-87447-31) was analyzed for Metals (ICP) in accordance with EPA Method 200.7. The samples were prepared on 02/15/2013 and analyzed on 02/20/2013.

Selenium was detected in method blank MB 680-266411/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY
Sample 021213-RB-Shovel (680-87447-31) was analyzed for total mercury in accordance with EPA Method 245.1. The samples were prepared on 02/18/2013 and analyzed on 02/20/2013.

No difficulties were encountered during the mercury analysis.

All quality control parameters were within the acceptance limits.

METALS (ICP)
Samples CV0971A-CS (680-87447-2), CV0971E-CS (680-87447-6), CV0971F-CS (680-87447-7), CV0971K-CS (680-87447-12), CV0971A-CS (sieve) (680-87447-32), CV0971E-CS (sieve) (680-87447-33), CV0971F-CS (sieve) (680-87447-34) and CV0971K-CS (sieve) (680-87447-35) were analyzed for Metals (ICP) in accordance with EPA SW-846 Method 6010C. The samples were prepared on 02/15/2013 and analyzed on 02/18/2013.

Several analytes recovered outside the recovery criteria for the MS/MSD of sample CV0971A-CS (680-87447-2) in batch 680-266674. Also, Barium and Silver exceeded the rpd limit.

Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY
Samples CV0971A-CS (680-87447-2), CV0971E-CS (680-87447-6), CV0971F-CS (680-87447-7), CV0971K-CS (680-87447-12), CV0971A-CS (sieve) (680-87447-32), CV0971E-CS (sieve) (680-87447-33), CV0971F-CS (sieve) (680-87447-34) and CV0971K-CS (sieve) (680-87447-35) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared on 02/14/2013 and analyzed on 02/17/2013.

Mercury recovered outside the recovery criteria for the MS of sample CV0971A-CS (680-87447-2) in batch 680-266610.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the

spiking amount.

No other difficulties were encountered during the mercury analyses.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Oneida Total Integrated Enterprises LLC

Job Number: 680-87447-3
Sdg Number: 68087447-3

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-87447-2	CV0971A-CS	Solid	02/12/2013 0845	02/14/2013 1018
680-87447-2MS	CV0971A-CS	Solid	02/12/2013 0845	02/14/2013 1018
680-87447-2MSD	CV0971A-CS	Solid	02/12/2013 0845	02/14/2013 1018
680-87447-6	CV0971E-CS	Solid	02/12/2013 0913	02/14/2013 1018
680-87447-7	CV0971F-CS	Solid	02/12/2013 0910	02/14/2013 1018
680-87447-12	CV0971K-CS	Solid	02/12/2013 0940	02/14/2013 1018
680-87447-31	021213-RB-Shovel	Water	02/12/2013 1236	02/14/2013 1018
680-87447-32	CV0971A-CS (sieve)	Solid	02/12/2013 0845	02/14/2013 1018
680-87447-33	CV0971E-CS (sieve)	Solid	02/12/2013 0913	02/14/2013 1018
680-87447-34	CV0971F-CS (sieve)	Solid	02/12/2013 0910	02/14/2013 1018
680-87447-35	CV0971K-CS (sieve)	Solid	02/12/2013 0940	02/14/2013 1018

METHOD SUMMARY

Client: Oneida Total Integrated Enterprises LLC

Job Number: 680-87447-3
Sdg Number: 68087447-3

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Metals (ICP)	TAL SAV	SW846 6010C	
Preparation, Metals	TAL SAV		SW846 3050B
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	TAL SAV	SW846 7471B	
Preparation, Mercury	TAL SAV		SW846 7471B
Percent Moisture	TAL SAV	EPA Moisture	
Percent Moisture	TAL TAM	EPA Moisture	
Matrix: Water			
Metals (ICP)	TAL SAV	40CFR136A 200.7 Rev 4.4	
Preparation, Total Metals	TAL SAV		EPA 200.7
Mercury (CVAA)	TAL SAV	EPA 245.1	
Preparation, Mercury	TAL SAV		EPA 245.1

Lab References:

TAL SAV = TestAmerica Savannah

TAL TAM = TestAmerica Tampa

Method References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: Oneida Total Integrated Enterprises LLC

Job Number: 680-87447-3
Sdg Number: 68087447-3

Method	Analyst	Analyst ID
40CFR136A 200.7 Rev 4.4	Bland, Brian	BCB
EPA 245.1	Bland, Brian	BCB
SW846 6010C	Bland, Brian	BCB
SW846 7471B	Bland, Brian	BCB
EPA Moisture	Office, Trey	TO
EPA Moisture	Swafford, Frances	FS

DATA REPORTING QUALIFIERS

Client: Oneida Total Integrated Enterprises LLC

Job Number: 680-87447-3
Sdg Number: 68087447-3

Lab Section	Qualifier	Description
Metals		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS or MSD exceeds the control limits
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	F	RPD of the MS and MSD exceeds the control limits

Client: Oneida Total Integrated Enterprises LLC

Job Number: 680-87447-3
Sdg Number: 68087447-3

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 680-266271					
LCS 680-266271/2-A	Lab Control Sample	T	Solid	7471B	
MB 680-266271/1-A	Method Blank	T	Solid	7471B	
680-87447-2	CV0971A-CS	T	Solid	7471B	
680-87447-2MS	Matrix Spike	T	Solid	7471B	
680-87447-2MSD	Matrix Spike Duplicate	T	Solid	7471B	
680-87447-6	CV0971E-CS	T	Solid	7471B	
680-87447-7	CV0971F-CS	T	Solid	7471B	
680-87447-12	CV0971K-CS	T	Solid	7471B	
680-87447-32	CV0971A-CS (sieve)	T	Solid	7471B	
680-87447-33	CV0971E-CS (sieve)	T	Solid	7471B	
680-87447-34	CV0971F-CS (sieve)	T	Solid	7471B	
680-87447-35	CV0971K-CS (sieve)	T	Solid	7471B	
Prep Batch: 680-266336					
LCS 680-266336/24-A	Lab Control Sample	T	Solid	3050B	
MB 680-266336/1-A	Method Blank	T	Solid	3050B	
680-87447-2	CV0971A-CS	T	Solid	3050B	
680-87447-2MS	Matrix Spike	T	Solid	3050B	
680-87447-2MSD	Matrix Spike Duplicate	T	Solid	3050B	
680-87447-6	CV0971E-CS	T	Solid	3050B	
680-87447-7	CV0971F-CS	T	Solid	3050B	
680-87447-12	CV0971K-CS	T	Solid	3050B	
680-87447-32	CV0971A-CS (sieve)	T	Solid	3050B	
680-87447-33	CV0971E-CS (sieve)	T	Solid	3050B	
680-87447-34	CV0971F-CS (sieve)	T	Solid	3050B	
680-87447-35	CV0971K-CS (sieve)	T	Solid	3050B	
Prep Batch: 680-266411					
LCS 680-266411/2-A	Lab Control Sample	T	Water	200.7	
MB 680-266411/1-A	Method Blank	T	Water	200.7	
680-87441-A-2-B MS	Matrix Spike		Water	200.7	
680-87441-A-2-C MSD	Matrix Spike Duplicate		Water	200.7	
680-87447-31	021213-RB-Shovel	T	Water	200.7	
Prep Batch: 680-266572					
LCS 680-266572/2-A	Lab Control Sample	T	Water	245.1	
MB 680-266572/1-A	Method Blank	T	Water	245.1	
680-87447-31	021213-RB-Shovel	T	Water	245.1	
680-87447-31MS	Matrix Spike	T	Water	245.1	
680-87447-31MSD	Matrix Spike Duplicate	T	Water	245.1	

Client: Oneida Total Integrated Enterprises LLC

Job Number: 680-87447-3
Sdg Number: 68087447-3

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:680-266610					
LCS 680-266271/2-A	Lab Control Sample	T	Solid	7471B	680-266271
MB 680-266271/1-A	Method Blank	T	Solid	7471B	680-266271
680-87447-2	CV0971A-CS	T	Solid	7471B	680-266271
680-87447-2MS	Matrix Spike	T	Solid	7471B	680-266271
680-87447-2MSD	Matrix Spike Duplicate	T	Solid	7471B	680-266271
680-87447-6	CV0971E-CS	T	Solid	7471B	680-266271
680-87447-7	CV0971F-CS	T	Solid	7471B	680-266271
680-87447-12	CV0971K-CS	T	Solid	7471B	680-266271
680-87447-32	CV0971A-CS (sieve)	T	Solid	7471B	680-266271
680-87447-33	CV0971E-CS (sieve)	T	Solid	7471B	680-266271
680-87447-34	CV0971F-CS (sieve)	T	Solid	7471B	680-266271
680-87447-35	CV0971K-CS (sieve)	T	Solid	7471B	680-266271
Analysis Batch:680-266674					
LCS 680-266336/24-A	Lab Control Sample	T	Solid	6010C	680-266336
MB 680-266336/1-A	Method Blank	T	Solid	6010C	680-266336
680-87447-2	CV0971A-CS	T	Solid	6010C	680-266336
680-87447-2MS	Matrix Spike	T	Solid	6010C	680-266336
680-87447-2MSD	Matrix Spike Duplicate	T	Solid	6010C	680-266336
680-87447-6	CV0971E-CS	T	Solid	6010C	680-266336
680-87447-7	CV0971F-CS	T	Solid	6010C	680-266336
680-87447-12	CV0971K-CS	T	Solid	6010C	680-266336
680-87447-32	CV0971A-CS (sieve)	T	Solid	6010C	680-266336
680-87447-33	CV0971E-CS (sieve)	T	Solid	6010C	680-266336
680-87447-34	CV0971F-CS (sieve)	T	Solid	6010C	680-266336
680-87447-35	CV0971K-CS (sieve)	T	Solid	6010C	680-266336
Analysis Batch:680-266927					
LCS 680-266572/2-A	Lab Control Sample	T	Water	245.1	680-266572
MB 680-266572/1-A	Method Blank	T	Water	245.1	680-266572
680-87447-31	021213-RB-Shovel	T	Water	245.1	680-266572
680-87447-31MS	Matrix Spike	T	Water	245.1	680-266572
680-87447-31MSD	Matrix Spike Duplicate	T	Water	245.1	680-266572
Analysis Batch:680-266928					
LCS 680-266411/2-A	Lab Control Sample	T	Water	200.7 Rev 4.4	680-266411
MB 680-266411/1-A	Method Blank	T	Water	200.7 Rev 4.4	680-266411
680-87441-A-2-B MS	Matrix Spike		Water	200.7 Rev 4.4	680-266411
680-87441-A-2-C MSD	Matrix Spike Duplicate		Water	200.7 Rev 4.4	680-266411
680-87447-31	021213-RB-Shovel	T	Water	200.7 Rev 4.4	680-266411

Report Basis
T = Total

Client: Oneida Total Integrated Enterprises LLC

Job Number: 680-87447-3
Sdg Number: 68087447-3

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:660-134540					
MB 660-134540/1	Method Blank	T	Solid	Moisture	
680-87447-2	CV0971A-CS	T	Solid	Moisture	
Analysis Batch:660-134547					
MB 660-134547/1	Method Blank	T	Solid	Moisture	
680-87447-6	CV0971E-CS	T	Solid	Moisture	
680-87447-7	CV0971F-CS	T	Solid	Moisture	
680-87447-12	CV0971K-CS	T	Solid	Moisture	
Analysis Batch:680-266256					
680-87447-32	CV0971A-CS (sieve)	T	Solid	Moisture	
680-87447-33	CV0971E-CS (sieve)	T	Solid	Moisture	
680-87447-34	CV0971F-CS (sieve)	T	Solid	Moisture	
680-87447-35	CV0971K-CS (sieve)	T	Solid	Moisture	

Report Basis
T = Total

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Savannah Job Number: 680-87447-3

SDG No.: 68087447-3

Project: 35th Avenue Superfund Site

Client Sample ID	Lab Sample ID
CV0971A-CS	680-87447-2
CV0971E-CS	680-87447-6
CV0971F-CS	680-87447-7
CV0971K-CS	680-87447-12
021213-RB-Shovel	680-87447-31
CV0971A-CS (sieve)	680-87447-32
CV0971E-CS (sieve)	680-87447-33
CV0971F-CS (sieve)	680-87447-34
CV0971K-CS (sieve)	680-87447-35

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: CV0971A-CS
Lab Sample ID: 680-87447-2
Lab Name: TestAmerica Savannah
Job No.: 680-87447-3
SDG ID.: 68087447-3
Matrix: Solid
Date Sampled: 02/12/2013 08:45
Reporting Basis: DRY
Date Received: 02/14/2013 10:18
% Solids: 55.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	150	3.6	1.1	mg/Kg			1	6010C
7440-39-3	Barium	310	1.8	0.54	mg/Kg			1	6010C
7440-43-9	Cadmium	1.3	0.90	0.18	mg/Kg			1	6010C
7440-47-3	Chromium	68	1.8	0.90	mg/Kg			1	6010C
7439-92-1	Lead	470	1.8	0.95	mg/Kg			1	6010C
7782-49-2	Selenium	4.5	4.5	1.8	mg/Kg	U		1	6010C
7440-22-4	Silver	0.30	1.8	0.17	mg/Kg	J		1	6010C
7439-97-6	Mercury	0.39	0.032	0.013	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: CV0971E-CS
Lab Sample ID: 680-87447-6
Lab Name: TestAmerica Savannah
Job No.: 680-87447-3
SDG ID.: 68087447-3
Matrix: Solid
Date Sampled: 02/12/2013 09:13
Reporting Basis: DRY
Date Received: 02/14/2013 10:18
% Solids: 48.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	49	4.1	1.2	mg/Kg			1	6010C
7440-39-3	Barium	410	2.0	0.61	mg/Kg			1	6010C
7440-43-9	Cadmium	2.7	1.0	0.20	mg/Kg			1	6010C
7440-47-3	Chromium	66	2.0	1.0	mg/Kg			1	6010C
7439-92-1	Lead	420	2.0	1.1	mg/Kg			1	6010C
7782-49-2	Selenium	5.1	5.1	2.0	mg/Kg	U		1	6010C
7440-22-4	Silver	2.0	2.0	0.20	mg/Kg	U		1	6010C
7439-97-6	Mercury	0.73	0.040	0.016	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: CV0971F-CS
Lab Sample ID: 680-87447-7
Lab Name: TestAmerica Savannah
Job No.: 680-87447-3
SDG ID.: 68087447-3
Matrix: Solid
Date Sampled: 02/12/2013 09:10
Reporting Basis: DRY
Date Received: 02/14/2013 10:18
% Solids: 67.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	26	2.5	0.74	mg/Kg			1	6010C
7440-39-3	Barium	290	1.3	0.38	mg/Kg			1	6010C
7440-43-9	Cadmium	1.2	0.63	0.13	mg/Kg			1	6010C
7440-47-3	Chromium	34	1.3	0.63	mg/Kg			1	6010C
7439-92-1	Lead	260	1.3	0.66	mg/Kg			1	6010C
7782-49-2	Selenium	3.1	3.1	1.3	mg/Kg	U		1	6010C
7440-22-4	Silver	1.3	1.3	0.12	mg/Kg	U		1	6010C
7439-97-6	Mercury	0.52	0.029	0.012	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: CV0971K-CS
Lab Sample ID: 680-87447-12
Lab Name: TestAmerica Savannah
Job No.: 680-87447-3
SDG ID.: 68087447-3
Matrix: Solid
Date Sampled: 02/12/2013 09:40
Reporting Basis: DRY
Date Received: 02/14/2013 10:18
% Solids: 52.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	29	3.2	0.95	mg/Kg			1	6010C
7440-39-3	Barium	300	1.6	0.48	mg/Kg			1	6010C
7440-43-9	Cadmium	1.9	0.80	0.16	mg/Kg			1	6010C
7440-47-3	Chromium	63	1.6	0.80	mg/Kg			1	6010C
7439-92-1	Lead	440	1.6	0.85	mg/Kg			1	6010C
7782-49-2	Selenium	4.0	4.0	1.6	mg/Kg	U		1	6010C
7440-22-4	Silver	0.30	1.6	0.15	mg/Kg	J		1	6010C
7439-97-6	Mercury	0.38	0.034	0.014	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 021213-RB-Shovel
Lab Sample ID: 680-87447-31
Lab Name: TestAmerica Savannah
Job No.: 680-87447-3
SDG ID.: 68087447-3
Matrix: Water
Date Sampled: 02/12/2013 12:36
Reporting Basis: WET
Date Received: 02/14/2013 10:18

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	20	20	4.6	ug/L	U		1	200.7 Rev 4.4
7440-39-3	Barium	10	10	2.3	ug/L	U		1	200.7 Rev 4.4
7440-43-9	Cadmium	5.0	5.0	2.0	ug/L	U		1	200.7 Rev 4.4
7440-47-3	Chromium	10	10	1.2	ug/L	U		1	200.7 Rev 4.4
7439-92-1	Lead	10	10	4.0	ug/L	U		1	200.7 Rev 4.4
7782-49-2	Selenium	20	20	6.4	ug/L	U		1	200.7 Rev 4.4
7440-22-4	Silver	10	10	0.89	ug/L	U		1	200.7 Rev 4.4
7439-97-6	Mercury	0.20	0.20	0.091	ug/L	U		1	245.1

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: CV0971A-CS (sieve)
Lab Sample ID: 680-87447-32
Lab Name: TestAmerica Savannah
Job No.: 680-87447-3
SDG ID.: 68087447-3
Matrix: Solid
Date Sampled: 02/12/2013 08:45
Reporting Basis: DRY
Date Received: 02/14/2013 10:18
% Solids: 79.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	21	2.4	0.71	mg/Kg			1	6010C
7440-39-3	Barium	220	1.2	0.36	mg/Kg			1	6010C
7440-43-9	Cadmium	1.5	0.60	0.12	mg/Kg			1	6010C
7440-47-3	Chromium	36	1.2	0.60	mg/Kg			1	6010C
7439-92-1	Lead	310	1.2	0.63	mg/Kg			1	6010C
7782-49-2	Selenium	3.0	3.0	1.2	mg/Kg	U		1	6010C
7440-22-4	Silver	0.17	1.2	0.11	mg/Kg	J		1	6010C
7439-97-6	Mercury	0.32	0.023	0.0095	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: CV0971E-CS (sieve)
Lab Sample ID: 680-87447-33
Lab Name: TestAmerica Savannah
Job No.: 680-87447-3
SDG ID.: 68087447-3
Matrix: Solid
Date Sampled: 02/12/2013 09:13
Reporting Basis: DRY
Date Received: 02/14/2013 10:18
% Solids: 81.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	40	2.4	0.70	mg/Kg			1	6010C
7440-39-3	Barium	280	1.2	0.36	mg/Kg			1	6010C
7440-43-9	Cadmium	2.1	0.59	0.12	mg/Kg			1	6010C
7440-47-3	Chromium	47	1.2	0.59	mg/Kg			1	6010C
7439-92-1	Lead	370	1.2	0.63	mg/Kg			1	6010C
7782-49-2	Selenium	3.0	3.0	1.2	mg/Kg	U		1	6010C
7440-22-4	Silver	0.53	1.2	0.11	mg/Kg	J		1	6010C
7439-97-6	Mercury	0.40	0.022	0.0090	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: CV0971F-CS (sieve)
Lab Sample ID: 680-87447-34
Lab Name: TestAmerica Savannah
Job No.: 680-87447-3
SDG ID.: 68087447-3
Matrix: Solid
Date Sampled: 02/12/2013 09:10
Reporting Basis: DRY
Date Received: 02/14/2013 10:18
% Solids: 78.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	29	2.2	0.65	mg/Kg			1	6010C
7440-39-3	Barium	320	1.1	0.33	mg/Kg			1	6010C
7440-43-9	Cadmium	1.4	0.55	0.11	mg/Kg			1	6010C
7440-47-3	Chromium	41	1.1	0.55	mg/Kg			1	6010C
7439-92-1	Lead	320	1.1	0.59	mg/Kg			1	6010C
7782-49-2	Selenium	2.8	2.8	1.1	mg/Kg	U		1	6010C
7440-22-4	Silver	0.26	1.1	0.11	mg/Kg	J		1	6010C
7439-97-6	Mercury	0.45	0.022	0.0090	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: CV0971K-CS (sieve)
Lab Sample ID: 680-87447-35
Lab Name: TestAmerica Savannah
Job No.: 680-87447-3
SDG ID.: 68087447-3
Matrix: Solid
Date Sampled: 02/12/2013 09:40
Reporting Basis: DRY
Date Received: 02/14/2013 10:18
% Solids: 75.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	20	2.5	0.74	mg/Kg			1	6010C
7440-39-3	Barium	240	1.3	0.38	mg/Kg			1	6010C
7440-43-9	Cadmium	1.6	0.63	0.13	mg/Kg			1	6010C
7440-47-3	Chromium	48	1.3	0.63	mg/Kg			1	6010C
7439-92-1	Lead	330	1.3	0.67	mg/Kg			1	6010C
7782-49-2	Selenium	3.1	3.1	1.3	mg/Kg	U		1	6010C
7440-22-4	Silver	0.26	1.3	0.12	mg/Kg	J		1	6010C
7439-97-6	Mercury	0.29	0.024	0.010	mg/Kg			1	7471B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

ICV Source: P_ICV_wk_00211 Concentration Units: ug/L

CCV Source: P_CCV_wk_00105

Analyte	ICV 680-266674/4 02/18/2013 13:02				CCV 680-266674/9 02/18/2013 13:40				CCV 680-266674/21 02/18/2013 14:54			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	1050		1000	105	498		500	100	498		500	100
Barium	1010		1000	101	5050		5000	101	5060		5000	101
Cadmium	1020		1000	102	501		500	100	500		500	100
Chromium	998		1000	100	5040		5000	101	5040		5000	101
Lead	1010		1000	101	489		500	98	493		500	99
Selenium	1040		1000	104	5140		5000	103	5130		5000	103
Silver	987		1000	99	492		500	98	490		500	98

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

ICV Source: P_ICV_wk_00211 Concentration Units: ug/L

CCV Source: P_CCV_wk_00105

Analyte	CCV 680-266674/33 02/18/2013 16:11											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	499		500	100								
Barium	5050		5000	101								
Cadmium	497		500	99								
Chromium	5020		5000	100								
Lead	490		500	98								
Selenium	5090		5000	102								
Silver	489		500	98								

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

ICV Source: P_ICV_wk_00211 Concentration Units: ug/L

CCV Source: P_CCV_wk_00106

Analyte	ICV 680-266928/4 02/20/2013 11:11				CCV 680-266928/81 02/20/2013 19:27				CCV 680-266928/93 02/20/2013 20:41			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	1040		1000	104	514		500	103	498		500	100
Barium	1000		1000	100	5210		5000	104	5120		5000	102
Cadmium	1010		1000	101	516		500	103	506		500	101
Chromium	995		1000	99	5230		5000	105	5120		5000	102
Lead	1010		1000	101	511		500	102	498		500	100
Selenium	1030		1000	103	5300		5000	106	5190		5000	104
Silver	993		1000	99	514		500	103	502		500	100

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

ICV Source: hg_icvint_00083 Concentration Units: ug/L

CCV Source: Hg_Int_Cal_00089

Analyte	ICV 680-266223/19-A 02/17/2013 15:29				CCV 680-266223/16-A 02/17/2013 17:04				CCV 680-266223/16-A 02/17/2013 17:33			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	299		300	100	266		250	106	264		250	106

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

ICV Source: hg_icvint_00083 Concentration Units: ug/L

CCV Source: Hg_Int_Cal_00089

Analyte	CCV 680-266223/16-A 02/17/2013 17:45											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	261		250	104								

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

ICV Source: hg_icvint_00083 Concentration Units: ug/L

CCV Source: Hg_Int_Cal_00089

Analyte	ICV 680-266572/20-A 02/20/2013 14:10				CCV 680-266572/17-A 02/20/2013 16:20				CCV 680-266572/17-A 02/20/2013 16:50			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.89		3.00	96	2.25		2.50	90	2.36		2.50	94

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

ICV Source: hg_icvint_00083 Concentration Units: ug/L

CCV Source: Hg_Int_Cal_00089

Analyte	CCV 680-266572/17-A 02/20/2013 17:19											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.30		2.50	92								

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

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Method: 200.7 Rev 4.4 Instrument ID: ICPF

Lab Sample ID: CRI 680-266928/6 Concentration Units: ug/L

CRQL Check Standard Source: P_CRI_00023

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Arsenic	20.0	23.4		117	50-150
Barium	10.0	10.1		101	50-150
Cadmium	5.00	5.10		102	50-150
Chromium	10.0	10.5		105	50-150
Lead	10.0	8.79	J	88	50-150
Selenium	20.0	20.6		103	50-150
Silver	10.0	9.37	J	94	50-150

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

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Method: 6010C Instrument ID: ICPF

Lab Sample ID: CRI 680-266674/6 Concentration Units: ug/L

CRQL Check Standard Source: P_CRI_00023

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Arsenic	20.0	25.9		130	50-150
Barium	10.0	11.1		111	50-150
Cadmium	5.00	5.25		105	50-150
Chromium	10.0	10.4		104	50-150
Lead	10.0	9.55	J	95	50-150
Selenium	20.0	20.5	J	103	50-150
Silver	10.0	10.1		101	50-150

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

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Method: 245.1 Instrument ID: LEEMAN2

Lab Sample ID: CRA 680-266572/24-A Concentration Units: ug/L

CRQL Check Standard Source: Hg_Int_Cal_00089

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.145	J	73	50-150

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

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Method: 7471B Instrument ID: LEEMAN2

Lab Sample ID: CRA 680-266223/21-A Concentration Units: ug/L

CRQL Check Standard Source: Hg_Int_Cal_00089

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	20.0	22.4		112	50-150

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

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Concentration Units: ug/L

Analyte	RL	ICBIS 680-266674/5 02/18/2013 13:09		CCB 680-266674/10 02/18/2013 13:47		CCB 680-266674/22 02/18/2013 15:00		CCB 680-266674/34 02/18/2013 16:17	
		Found	C	Found	C	Found	C	Found	C
Arsenic	20	5.93	J	20	U	20	U	20	U
Barium	10	10	U	10	U	10	U	10	U
Cadmium	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Chromium	10	10	U	10	U	10	U	10	U
Lead	10	10	U	10	U	10	U	10	U
Selenium	25	25	U	25	U	25	U	25	U
Silver	10	10	U	10	U	10	U	10	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Concentration Units: ug/L

Analyte	RL	ICBIS 680-266928/5 02/20/2013 11:17		CCB 680-266928/82 02/20/2013 19:33		CCB 680-266928/94 02/20/2013 20:47			
		Found	C	Found	C	Found	C	Found	C
Arsenic	20	20	U	20	U	20	U		
Barium	10	10	U	10	U	10	U		
Cadmium	5.0	5.0	U	5.0	U	5.0	U		
Chromium	10	10	U	10	U	10	U		
Lead	10	10	U	10	U	10	U		
Selenium	20	20	U	20	U	20	U		
Silver	10	10	U	10	U	10	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Concentration Units: ug/L

Analyte	RL	ICB 680-266223/20-A 02/17/2013 15:31		CCB 680-266223/17-A 02/17/2013 17:06		CCB 680-266223/17-A 02/17/2013 17:36		CCB 680-266223/17-A 02/17/2013 17:48	
		Found	C	Found	C	Found	C	Found	C
Mercury	20	20	U	20	U	20	U	20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Concentration Units: ug/L

Analyte	RL	ICB 680-266572/21-A 02/20/2013 14:12		CCB 680-266572/18-A 02/20/2013 16:23		CCB 680-266572/18-A 02/20/2013 16:52		CCB 680-266572/18-A 02/20/2013 17:22	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Concentration Units: ug/L Lab Sample ID: MB 680-266411/1-A

Instrument Code: ICPF Batch No.: 266928

CAS No.	Analyte	Concentration	C	Q	Method
7440-38-2	Arsenic	20	U		200.7_CWA
7440-39-3	Barium	10	U		200.7_CWA
7440-43-9	Cadmium	5.0	U		200.7_CWA
7440-47-3	Chromium	10	U		200.7_CWA
7439-92-1	Lead	10	U		200.7_CWA
7782-49-2	Selenium	9.79	J		200.7_CWA
7440-22-4	Silver	10	U		200.7_CWA

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Concentration Units: mg/Kg Lab Sample ID: MB 680-266336/1-A

Instrument Code: ICPF Batch No.: 266674

CAS No.	Analyte	Concentration	C	Q	Method
7440-38-2	Arsenic	2.0	U		6010C
7440-39-3	Barium	0.99	U		6010C
7440-43-9	Cadmium	0.50	U		6010C
7440-47-3	Chromium	0.99	U		6010C
7439-92-1	Lead	0.99	U		6010C
7782-49-2	Selenium	2.5	U		6010C
7440-22-4	Silver	0.99	U		6010C

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Concentration Units: ug/L Lab Sample ID: MB 680-266572/1-A

Instrument Code: LEEMAN2 Batch No.: 266927

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.20	U		245.1

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Concentration Units: mg/Kg Lab Sample ID: MB 680-266271/1-A

Instrument Code: LEEMAN2 Batch No.: 266610

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.019	U		7471B

FORM III-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Lab Sample ID: ICSA 680-266928/7 Instrument ID: ICPF

Lab File ID: F02202013.csv ICS Source: P_ICSA_wk_00030

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Arsenic		**-0.103**	
Barium		**4.93**	
Cadmium		**2.23**	
Chromium		**0.357**	
Lead		**-0.348**	
Selenium		**3.36**	
Silver		**-0.319**	
Aluminum	*500000*	*550914*	*110*
Antimony		*-7.72*	
Beryllium		*-0.0547*	
Boron		*1.34*	
Calcium	*500000*	*508504*	*102*
Cobalt		*-0.296*	
Copper		*1.97*	
Iron	*200000*	*196473*	*98*
Magnesium	*500000*	*550585*	*110*
Manganese		*-0.887*	
Molybdenum		*-3.29*	
Nickel		*4.10*	
Potassium		*1.73*	
Sodium		*-2.99*	
Strontium		*2.78*	
Thallium		*-10.7*	
Tin		*-23.9*	
Titanium		*0.402*	
Vanadium		*0.415*	
Zinc		*-5.49*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Lab Sample ID: ICSAB 680-266928/8 Instrument ID: ICPF

Lab File ID: F02202013.csv ICS Source: P_ICSAB_wk_00043

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Arsenic	**100**	**108**	**108**
Barium	**500**	**519**	**104**
Cadmium	**1000**	**985**	**98**
Chromium	**500**	**507**	**101**
Lead	**50.0**	**49.8**	**100**
Selenium	**50.0**	**47.4**	**95**
Silver	**200**	**220**	**110**
Aluminum	*500000*	*543689*	*109*
Antimony	*600*	*615*	*103*
Beryllium	*500*	*502*	*100*
Boron		*0.647*	
Calcium	*500000*	*500664*	*100*
Cobalt	*500*	*484*	*97*
Copper	*500*	*558*	*112*
Iron	*200000*	*193666*	*97*
Magnesium	*500000*	*541871*	*108*
Manganese	*500*	*519*	*104*
Molybdenum	*1000*	*1121*	*112*
Nickel	*1000*	*973*	*97*
Potassium		*2.08*	
Sodium		*83.8*	
Strontium		*3.61*	
Thallium	*100*	*97.5*	*97*
Tin	*1000*	*1013*	*101*
Titanium		*0.339*	
Vanadium	*500*	*502*	*100*
Zinc	*1000*	*957*	*96*

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Lab Sample ID: ICSA 680-266674/7 Instrument ID: ICPF

Lab File ID: F02182013A.csv ICS Source: P_ICSA_wk_00030

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Arsenic		**-5.29**	
Barium		**2.14**	
Cadmium		**0.527**	
Chromium		**0.472**	
Lead		**6.52**	
Selenium		**6.27**	
Silver		**0.0755**	
Aluminum	*500000*	*527538*	*106*
Antimony		*-8.11*	
Beryllium		*-0.0663*	
Boron		*10.5*	
Calcium	*500000*	*489491*	*98*
Cobalt		*-1.40*	
Copper		*2.95*	
Iron	*200000*	*188994*	*94*
Magnesium	*500000*	*535293*	*107*
Manganese		*-1.08*	
Molybdenum		*-1.88*	
Nickel		*3.56*	
Potassium		*0.878*	
Sodium		*281*	
Strontium		*-0.608*	
Thallium		*-6.25*	
Tin		*-0.0925*	
Titanium		*0.270*	
Vanadium		*0.512*	
Zinc		*-3.86*	

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

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Lab Sample ID: ICSAB 680-266674/8 Instrument ID: ICPF

Lab File ID: F02182013A.csv ICS Source: P_ICSAB_wk_00043

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Arsenic	**100**	**116**	**116**
Barium	**500**	**507**	**101**
Cadmium	**1000**	**964**	**96**
Chromium	**500**	**494**	**99**
Lead	**50.0**	**45.1**	**90**
Selenium	**50.0**	**55.0**	**110**
Silver	**200**	**214**	**107**
Aluminum	*500000*	*531105*	*106*
Antimony	*600*	*619*	*103*
Beryllium	*500*	*493*	*99*
Boron		*7.52*	
Calcium	*500000*	*491649*	*98*
Cobalt	*500*	*474*	*95*
Copper	*500*	*544*	*109*
Iron	*200000*	*190336*	*95*
Magnesium	*500000*	*538793*	*108*
Manganese	*500*	*509*	*102*
Molybdenum	*1000*	*1116*	*112*
Nickel	*1000*	*953*	*95*
Potassium		*1.23*	
Sodium		*191*	
Strontium		*-1.01*	
Thallium	*100*	*94.3*	*94*
Tin	*1000*	*1037*	*104*
Titanium		*0.144*	
Vanadium	*500*	*498*	*100*
Zinc	*1000*	*946*	*95*

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

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: CV0971A-CS MS
Lab ID: 680-87447-2 MS
Lab Name: TestAmerica Savannah
Job No.: 680-87447-3
SDG No.: 68087447-3
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 55.0

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	50.3		150		17.8	-556	75-125	4	6010C
Barium	354		310		17.8	232	75-125	4	6010C
Cadmium	10.2		1.3		8.92	100	75-125		6010C
Chromium	74.3		68		17.8	33	75-125	F	6010C
Lead	470		470		8.92	-6	75-125	4	6010C
Selenium	17.7		4.5	U	17.8	99	75-125		6010C
Silver	8.95		0.30	J	8.92	97	75-125		6010C
Mercury	0.631		0.39		0.172	142	80-120	F	7471B

SSR = Spiked Sample Result

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

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: 021213-RB-Shovel MS
Lab ID: 680-87447-31 MS
Lab Name: TestAmerica Savannah
Job No.: 680-87447-3
SDG No.: 68087447-3
Matrix: Water
Concentration Units: ug/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.851		0.20	U	1.00	85	70-130		245.1

SSR = Spiked Sample Result

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

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY

Client ID: _____ Lab ID: 680-87441-A-2-B MS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Matrix: Water Concentration Units: ug/L

% Solids: _____

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	112		20	U	100	112	75-125		200.7 Rev 4.4
Barium	120		18		100	102	75-125		200.7 Rev 4.4
Cadmium	51.7		5.0	U	50.0	103	75-125		200.7 Rev 4.4
Chromium	106		10	U	100	106	75-125		200.7 Rev 4.4
Lead	50.2		10	U	50.0	100	75-125		200.7 Rev 4.4
Selenium	115		20	U	100	115	75-125		200.7 Rev 4.4
Silver	53.9		10	U	50.0	108	75-125		200.7 Rev 4.4

SSR = Spiked Sample Result

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

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: CV0971A-CS MSD
Lab ID: 680-87447-2 MSD
Lab Name: TestAmerica Savannah
Job No.: 680-87447-3
SDG No.: 68087447-3
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 55.0

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Arsenic	48.0		17.7	-575	75-125	5	20	4	6010C
Barium	599		17.7	1620	75-125	51	20	4 F	6010C
Cadmium	10.1		8.83	101	75-125	0	20		6010C
Chromium	61.9		17.7	-37	75-125	18	20	F	6010C
Lead	403		8.83	-761	75-125	15	20	4	6010C
Selenium	15.9		17.7	90	75-125	11	20		6010C
Silver	4.99		8.83	53	75-125	57	20	F	6010C
Mercury	0.563		0.175	100	80-120	11	20		7471B

SDR = Sample Duplicate Result

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

FORM VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: 021213-RB-Shovel MSD
Lab ID: 680-87447-31 MSD
Lab Name: TestAmerica Savannah
Job No.: 680-87447-3
SDG No.: 68087447-3
Matrix: Water
Concentration Units: ug/L
% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Mercury	0.937		1.00	94	70-130	10	20		245.1

SDR = Sample Duplicate Result

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

FORM VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY

Client ID: _____ Lab ID: 680-87441-A-2-C MSD

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Matrix: Water Concentration Units: ug/L

% Solids: _____

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Arsenic	114		100	114	75-125	1	20		200.7 Rev 4.4
Barium	121		100	102	75-125	0	20		200.7 Rev 4.4
Cadmium	52.1		50.0	104	75-125	1	20		200.7 Rev 4.4
Chromium	106		100	106	75-125	0	20		200.7 Rev 4.4
Lead	47.6		50.0	95	75-125	5	20		200.7 Rev 4.4
Selenium	113		100	113	75-125	1	20		200.7 Rev 4.4
Silver	53.2		50.0	106	75-125	1	20		200.7 Rev 4.4

SDR = Sample Duplicate Result

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

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: CV0971A-CS PDS
Lab ID: 680-87447-2 PDS
Lab Name: TestAmerica Savannah
Job No.: 680-87447-3
SDG No.: 68087447-3
Matrix: Solid
Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	531		150		360	106	75-125		6010C
Barium	664		310		360	97	75-125		6010C
Cadmium	10.0		1.3		9.01	98	75-125		6010C
Chromium	102		68		36.0	93	75-125		6010C
Lead	542		470		90.1	80	75-125		6010C
Selenium	377		4.5	U	360	105	75-125		6010C
Silver	9.34		0.30	J	9.01	100	75-125		6010C

SSR = Spiked Sample Result

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

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: 021213-RB-Shovel PDS
Lab ID: 680-87447-31 PDS
Lab Name: TestAmerica Savannah
Job No.: 680-87447-3
SDG No.: 68087447-3
Matrix: Water
Concentration Units: ug/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	2170		20	U	2000	108	75-125		200.7 Rev 4.4
Barium	2070		10	U	2000	104	75-125		200.7 Rev 4.4
Cadmium	51.2		5.0	U	50.0	102	75-125		200.7 Rev 4.4
Chromium	207		10	U	200	103	75-125		200.7 Rev 4.4
Lead	505		10	U	500	101	75-125		200.7 Rev 4.4
Selenium	2140		20	U	2000	107	75-125		200.7 Rev 4.4
Silver	51.2		10	U	50.0	102	75-125		200.7 Rev 4.4

SSR = Spiked Sample Result

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

FORM VB - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 680-266411/2-A

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

Sample Matrix: Water LCS Source: MS lcs1cpi_00036

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Arsenic	100	104		104	85	115		200.7 Rev 4.4
Barium	100	97.6		98	85	115		200.7 Rev 4.4
Cadmium	50.0	49.5		99	85	115		200.7 Rev 4.4
Chromium	100	101		101	85	115		200.7 Rev 4.4
Lead	50.0	44.9		90	85	115		200.7 Rev 4.4
Selenium	100	99.2		99	85	115		200.7 Rev 4.4
Silver	50.0	51.3		103	85	115		200.7 Rev 4.4

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

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 680-266336/24-A

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

Sample Matrix: Solid LCS Source: MS Cal Stk_00019

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Arsenic	19.4	21.3		110	75	125		6010C
Barium	19.4	18.6		96	75	125		6010C
Cadmium	19.4	19.4		100	75	125		6010C
Chromium	19.4	19.7		101	75	125		6010C
Lead	19.4	19.2		99	75	125		6010C
Selenium	19.4	19.3		99	75	125		6010C
Silver	19.4	19.8		102	75	125		6010C

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

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 680-266572/2-A

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

Sample Matrix: Water LCS Source: Hg_Int_Cal_00089

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	2.50	2.54		101	85	115		245.1

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

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 680-266271/2-A

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

Sample Matrix: Solid LCS Source: Hg_Int_Cal_00089

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.231	0.247		107	80	120		7471B

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

FORM VIIA - IN

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

Lab ID: 680-87447-2

SDG No: 68087447-3

Lab Name: TestAmerica Savannah Job No: 680-87447-3

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Arsenic	150		155		3.6		6010C
Barium	310		326		4.1		6010C
Cadmium	1.3		4.5	U	NC		6010C
Chromium	68		72.0		5.1		6010C
Lead	470		499		6.0		6010C
Selenium	4.5	U	23	U	NC		6010C
Silver	0.30	J	9.0	U	NC		6010C

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

FORM VIII-IN

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

Lab ID: 680-87447-31

SDG No: 68087447-3

Lab Name: TestAmerica Savannah Job No: 680-87447-3

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Arsenic	20	U	100	U	NC		200.7 Rev 4.4
Barium	10	U	50	U	NC		200.7 Rev 4.4
Cadmium	5.0	U	25	U	NC		200.7 Rev 4.4
Chromium	10	U	50	U	NC		200.7 Rev 4.4
Lead	10	U	50	U	NC		200.7 Rev 4.4
Selenium	20	U	100	U	NC		200.7 Rev 4.4
Silver	10	U	50	U	NC		200.7 Rev 4.4

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

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Savannah Job Number: 680-87447-3

SDG Number: 68087447-3

Matrix: Water Instrument ID: ICPF

Method: 200.7 Rev 4.4 MDL Date: 06/02/2009 00:00

Prep Method: 200.7

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Arsenic		20	4.6
Barium		10	2.3
Cadmium		5	2
Chromium		10	1.2
Lead		10	4
Selenium		20	6.4
Silver		10	0.89

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Savannah Job Number: 680-87447-3

SDG Number: 68087447-3

Matrix: Water Instrument ID: ICPF

Method: 200.7 Rev 4.4 XMDL Date: 06/02/2009 00:00

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Arsenic		20	4.6
Barium		10	2.3
Cadmium		5	2
Chromium		10	1.2
Lead		10	4
Selenium		20	6.4
Silver		10	0.89

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Savannah Job Number: 680-87447-3

SDG Number: 68087447-3

Matrix: Solid Instrument ID: ICPF

Method: 6010C MDL Date: 06/02/2009 00:00

Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Arsenic		2	0.59
Barium		1	0.3
Cadmium		0.5	0.1
Chromium		1	0.5
Lead		1	0.53
Selenium		2.5	1
Silver		1	0.096

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Savannah Job Number: 680-87447-3

SDG Number: 68087447-3

Matrix: Solid Instrument ID: ICPF

Method: 6010C XMDL Date: 06/02/2009 00:00

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Arsenic		20	5.9
Barium		10	3
Cadmium		5	1
Chromium		10	5
Lead		10	5.3
Selenium		25	10
Silver		10	0.96

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Savannah Job Number: 680-87447-3

SDG Number: 68087447-3

Matrix: Water Instrument ID: LEEMAN2

Method: 245.1 MDL Date: 06/02/2009 00:00

Prep Method: 245.1

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.091

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Savannah Job Number: 680-87447-3

SDG Number: 68087447-3

Matrix: Water Instrument ID: LEEMAN2

Method: 245.1 XMDL Date: 06/02/2009 00:00

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.091

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Savannah Job Number: 680-87447-3

SDG Number: 68087447-3

Matrix: Solid Instrument ID: LEEMAN2

Method: 7471B MDL Date: 06/02/2009 00:00

Prep Method: 7471B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Mercury		0.02	0.0082

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Savannah Job Number: 680-87447-3

SDG Number: 68087447-3

Matrix: Solid Instrument ID: LEEMAN2

Method: 7471B XMDL Date: 06/01/2008 15:53

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.08

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Savannah Job Number: 680-87447-3

SDG No.: 68087447-3

ICP-AES Instrument ID: ICPF Date: 12/04/2012

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg
Aluminum	308.215														
Antimony	206.834						0.009150				0.007500				
Arsenic	188.980										-0.000480		-0.000006		
Barium	389.178		0.000006										-0.000128		0.000168
Beryllium	313.042														
Boron	249.678												-0.000153		
Cadmium	226.502												0.000128		
Calcium	370.602												-0.047350		
Chromium	267.716														
Cobalt	228.615												0.000026		
Copper	324.754							-0.000031					0.000015		
Iron	271.441									0.099940					
Lead	220.353		-0.000021							-0.000280			0.000056		
Magnesium	279.078														
Manganese	257.610												0.000014		0.000006
Molybdenum	202.032												-0.000024		
Nickel	231.604														
Potassium	766.491														
Selenium	196.026		0.000022										0.000076		
Silicon															
Silver	328.068														
Sodium	330.237												-0.005850		
Strontium	216.596												0.000158		
Thallium	190.794		-0.000056							0.002600			-0.000090		
Tin	189.925														
Titanium	334.941										0.000270				
Vanadium	292.401										-0.002149		0.000040		
Zinc	206.200										-0.001880				0.000003

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Savannah Job Number: 680-87447-3

SDG No.: 68087447-3

ICP-AES Instrument ID: ICPF Date: 12/04/2012

Analyte	Wave Length	Mn	Mo	Na	Ni	Pb	Sb	Se	Si	SiO2	Sn	Sr	Ti	Tl	V
Aluminum	308.215		0.023730												-0.008060
Antimony	206.834		-0.012440								0.000248				0.000165
Arsenic	188.980														
Barium	389.178		0.000300												0.000105
Beryllium	313.042														0.000108
Boron	249.678														
Cadmium	226.502														
Calcium	370.602	0.010000											0.043980		0.004060
Chromium	267.716														-0.000340
Cobalt	228.615		-0.003070										0.002350		
Copper	324.754												-0.000170		-0.000543
Iron	271.441														0.005828
Lead	220.353		-0.000860										-0.000233		
Magnesium	279.078	-0.008500													
Manganese	257.610														
Molybdenum	202.032														-0.000382
Nickel	231.604														
Potassium	766.491														
Selenium	196.026	0.000340													
Silicon															
Silver	328.068														0.000105
Sodium	330.237												-0.153300		
Strontium	216.596		-0.00200		-0.003370										
Thallium	190.794	0.000660	-0.001500										0.001060		0.001560
Tin	189.925														
Titanium	334.941														
Vanadium	292.401		-0.007980										0.000324		
Zinc	206.200														

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Savannah Job Number: 680-87447-3

SDG No.: 68087447-3

ICP-AES Instrument ID: ICPF Date: 12/04/2012

Analyte	Wave Length	Zn													
Aluminum	308.215														
Antimony	206.834														
Arsenic	188.980														
Barium	389.178														
Beryllium	313.042														
Boron	249.678														
Cadmium	226.502														
Calcium	370.602														
Chromium	267.716														
Cobalt	228.615														
Copper	324.754														
Iron	271.441														
Lead	220.353														
Magnesium	279.078														
Manganese	257.610														
Molybdenum	202.032														
Nickel	231.604														
Potassium	766.491														
Selenium	196.026														
Silicon															
Silver	328.068														
Sodium	330.237	-0.020220													
Strontium	216.596														
Thallium	190.794														
Tin	189.925														
Titanium	334.941														
Vanadium	292.401														
Zinc	206.200														

X-IN

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 680-266336/1-A	02/15/2013 08:39	266336	1.01		100
680-87447-2	02/15/2013 08:39	266336	1.01		100
680-87447-2 MS	02/15/2013 08:39	266336	1.02		100
680-87447-2 MSD	02/15/2013 08:39	266336	1.03		100
680-87447-6	02/15/2013 08:39	266336	1.01		100
680-87447-7	02/15/2013 08:39	266336	1.19		100
680-87447-12	02/15/2013 08:39	266336	1.18		100
680-87447-32	02/15/2013 08:39	266336	1.05		100
680-87447-33	02/15/2013 08:40	266336	1.03		100
680-87447-34	02/15/2013 08:40	266336	1.15		100
680-87447-35	02/15/2013 08:40	266336	1.05		100
LCS 680-266336/24-A	02/15/2013 08:40	266336	1.03		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Prep Method: 200.7

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 680-266411/1-A	02/15/2013 13:21	266411		50	50
LCS 680-266411/2-A	02/15/2013 13:21	266411		50	50
680-87441-A-2-B MS	02/15/2013 13:21	266411		50	50
680-87441-A-2-C MSD	02/15/2013 13:21	266411		50	50
680-87447-31	02/15/2013 13:22	266411		50	50

FORM XII-IN

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Prep Method: 7471B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 680-266271/1-A	02/14/2013 14:40	266271	0.52		50
LCS 680-266271/2-A	02/14/2013 14:40	266271	0.54		50
680-87447-2	02/14/2013 14:40	266271	0.56		50
680-87447-2 MS	02/14/2013 14:40	266271	0.53		50
680-87447-2 MSD	02/14/2013 14:40	266271	0.52		50
680-87447-6	02/14/2013 14:40	266271	0.52		50
680-87447-7	02/14/2013 14:40	266271	0.51		50
680-87447-12	02/14/2013 14:40	266271	0.55		50
680-87447-32	02/14/2013 14:40	266271	0.54		50
680-87447-33	02/14/2013 14:40	266271	0.56		50
680-87447-34	02/14/2013 14:40	266271	0.58		50
680-87447-35	02/14/2013 14:40	266271	0.54		50

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PREPARATION LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Prep Method: 245.1

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 680-266572/1-A	02/18/2013 11:02	266572		50	50
LCS 680-266572/2-A	02/18/2013 11:02	266572		50	50
680-87447-31	02/18/2013 11:02	266572		50	50
680-87447-31 MS	02/18/2013 11:02	266572		50	50
680-87447-31 MSD	02/18/2013 11:02	266572		50	50

FORM XII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Instrument ID: ICPF Method: 200.7 Rev 4.4

Start Date: 02/20/2013 10:45 End Date: 02/21/2013 09:31

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			10:45																				
ZZZZZZ			10:51																				
ZZZZZZ			10:58																				
ICV 680-266928/4	1		11:11	X	X	X	X	X	X	X													
ICBIS 680-266928/5	1		11:17	X	X	X	X	X	X	X													
CRI 680-266928/6	1		11:33	X	X	X	X	X	X	X													
ICSA 680-266928/7	1		11:39	X	X	X	X	X	X	X													
ICSAB 680-266928/8	1		11:45	X	X	X	X	X	X	X													
CCV 680-266928/9			11:51																				
CCB 680-266928/10			11:57																				
ZZZZZZ			12:03																				
ZZZZZZ			12:09																				
ZZZZZZ			12:15																				
ZZZZZZ			12:22																				
ZZZZZZ			12:28																				
ZZZZZZ			12:34																				
ZZZZZZ			12:40																				
ZZZZZZ			12:46																				
ZZZZZZ			12:52																				
ZZZZZZ			12:58																				
CCV 680-266928/21			13:05																				
CCB 680-266928/22			13:11																				
ZZZZZZ			13:17																				
ZZZZZZ			13:23																				
ZZZZZZ			13:29																				
ZZZZZZ			13:35																				
ZZZZZZ			13:41																				
ZZZZZZ			13:47																				
ZZZZZZ			13:54																				
ZZZZZZ			14:00																				
ZZZZZZ			14:06																				
ZZZZZZ			14:12																				
CCV 680-266928/33			14:18																				
CCB 680-266928/34			14:24																				
ZZZZZZ			14:37																				
ZZZZZZ			14:43																				
ZZZZZZ			14:49																				
ZZZZZZ			14:55																				
ZZZZZZ			15:01																				
ZZZZZZ			15:07																				
ZZZZZZ			15:13																				
ZZZZZZ			15:19																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Instrument ID: ICPF Method: 200.7 Rev 4.4

Start Date: 02/20/2013 10:45 End Date: 02/21/2013 09:31

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			15:26																				
ZZZZZZ			15:32																				
CCV 680-266928/45			15:42																				
CCB 680-266928/46			15:48																				
ZZZZZZ			15:54																				
ZZZZZZ			16:00																				
ZZZZZZ			16:06																				
ZZZZZZ			16:12																				
ZZZZZZ			16:18																				
ZZZZZZ			16:24																				
CCV 680-266928/53			16:31																				
CCB 680-266928/54			16:37																				
ZZZZZZ			16:46																				
ZZZZZZ			16:52																				
CCV 680-266928/57			16:58																				
CCB 680-266928/58			17:04																				
ZZZZZZ			17:10																				
ZZZZZZ			17:16																				
ZZZZZZ			17:22																				
ZZZZZZ			17:28																				
ZZZZZZ			17:37																				
ZZZZZZ			17:43																				
ZZZZZZ			17:49																				
ZZZZZZ			17:55																				
ZZZZZZ			18:01																				
ZZZZZZ			18:07																				
CCV 680-266928/69			18:13																				
CCB 680-266928/70			18:20																				
ZZZZZZ			18:26																				
ZZZZZZ			18:32																				
ZZZZZZ			18:38																				
ZZZZZZ			18:44																				
ZZZZZZ			18:50																				
ZZZZZZ			18:56																				
ZZZZZZ			19:02																				
ZZZZZZ			19:09																				
ZZZZZZ			19:15																				
ZZZZZZ			19:21																				
CCV 680-266928/81	1		19:27	X	X	X	X	X	X	X													
CCB 680-266928/82	1		19:33	X	X	X	X	X	X	X													
ZZZZZZ			19:39																				
MB 680-266411/1-A	1	T	19:45	X	X	X	X	X	X	X													

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Instrument ID: ICPF Method: 200.7 Rev 4.4

Start Date: 02/20/2013 10:45 End Date: 02/21/2013 09:31

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
LCS 680-266411/2-A	1	T	19:52	X	X	X	X	X	X	X													
ZZZZZZ			19:58																				
680-87441-A-2-B MS	1		20:04	X	X	X	X	X	X	X													
680-87441-A-2-C MSD	1		20:10	X	X	X	X	X	X	X													
680-87447-31	1	T	20:16	X	X	X	X	X	X	X													
680-87447-31 SD	5	T	20:22	X	X	X	X	X	X	X													
680-87447-31 PDS	1	T	20:28	X	X	X	X	X	X	X													
ZZZZZZ			20:35																				
CCV 680-266928/93	1		20:41	X	X	X	X	X	X	X													
CCB 680-266928/94	1		20:47	X	X	X	X	X	X	X													
ZZZZZZ			20:53																				
ZZZZZZ			20:59																				
ZZZZZZ			21:05																				
ZZZZZZ			21:11																				
ZZZZZZ			21:18																				
ZZZZZZ			21:24																				
ZZZZZZ			21:30																				
ZZZZZZ			21:36																				
ZZZZZZ			21:42																				
ZZZZZZ			21:48																				
CCV 680-266928/105			21:54																				
CCB 680-266928/106			22:01																				
ZZZZZZ			22:07																				
ZZZZZZ			22:13																				
ZZZZZZ			22:19																				
ZZZZZZ			22:25																				
ZZZZZZ			22:31																				
ZZZZZZ			22:37																				
ZZZZZZ			22:44																				
ZZZZZZ			22:50																				
ZZZZZZ			22:56																				
ZZZZZZ			23:02																				
CCV 680-266928/117			23:08																				
CCB 680-266928/118			23:14																				
ZZZZZZ			23:21																				
ZZZZZZ			23:27																				
ZZZZZZ			23:33																				
ZZZZZZ			23:39																				
ZZZZZZ			23:45																				
ZZZZZZ			23:51																				
ZZZZZZ			23:57																				
ZZZZZZ			00:04																				

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Instrument ID: ICPF Method: 200.7 Rev 4.4

Start Date: 02/20/2013 10:45 End Date: 02/21/2013 09:31

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			00:10																				
ZZZZZZ			00:16																				
CCV 680-266928/129			00:22																				
CCB 680-266928/130			00:28																				
ZZZZZZ			00:34																				
ZZZZZZ			00:40																				
ZZZZZZ			00:47																				
ZZZZZZ			00:53																				
ZZZZZZ			00:59																				
ZZZZZZ			01:05																				
ZZZZZZ			01:11																				
ZZZZZZ			01:17																				
ZZZZZZ			01:24																				
ZZZZZZ			01:30																				
CCV 680-266928/141			01:36																				
CCB 680-266928/142			01:42																				
ZZZZZZ			01:48																				
ZZZZZZ			01:54																				
ZZZZZZ			02:00																				
ZZZZZZ			02:07																				
ZZZZZZ			02:13																				
ZZZZZZ			02:19																				
ZZZZZZ			02:25																				
ZZZZZZ			02:31																				
ZZZZZZ			02:37																				
ZZZZZZ			02:44																				
CCV 680-266928/153			02:50																				
CCB 680-266928/154			02:56																				
ZZZZZZ			03:02																				
ZZZZZZ			03:08																				
ZZZZZZ			03:14																				
ZZZZZZ			03:21																				
ZZZZZZ			03:27																				
ZZZZZZ			03:33																				
ZZZZZZ			03:39																				
ZZZZZZ			03:45																				
ZZZZZZ			03:51																				
ZZZZZZ			03:58																				
CCV 680-266928/165			04:04																				
CCB 680-266928/166			04:10																				
ZZZZZZ			04:16																				
ZZZZZZ			04:22																				

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Instrument ID: ICPF Method: 200.7 Rev 4.4

Start Date: 02/20/2013 10:45 End Date: 02/21/2013 09:31

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			04:28																				
ZZZZZZ			04:35																				
ZZZZZZ			04:41																				
ZZZZZZ			04:47																				
ZZZZZZ			04:53																				
ZZZZZZ			04:59																				
ZZZZZZ			05:05																				
ZZZZZZ			05:12																				
CCV 680-266928/177			05:18																				
CCB 680-266928/178			05:24																				
ZZZZZZ			05:30																				
ZZZZZZ			05:36																				
ZZZZZZ			05:42																				
ZZZZZZ			05:49																				
ZZZZZZ			05:55																				
ZZZZZZ			06:01																				
CRI 680-266928/185			06:07																				
CCV 680-266928/186			06:13																				
CCB 680-266928/187			06:19																				
ZZZZZZ			06:26																				
ZZZZZZ			06:32																				
ZZZZZZ			06:38																				
ZZZZZZ			06:44																				
ZZZZZZ			06:50																				
ZZZZZZ			06:56																				
ZZZZZZ			07:03																				
ZZZZZZ			07:09																				
ZZZZZZ			07:15																				
ZZZZZZ			07:21																				
ZZZZZZ			07:27																				
ZZZZZZ			07:34																				
ZZZZZZ			07:40																				
ZZZZZZ			07:46																				
ZZZZZZ			07:52																				
ZZZZZZ			07:58																				
ZZZZZZ			08:05																				
ZZZZZZ			08:11																				
ZZZZZZ			08:17																				
ZZZZZZ			08:23																				
ZZZZZZ			08:29																				
ZZZZZZ			08:35																				
ZZZZZZ			08:42																				

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Instrument ID: ICPF Method: 200.7 Rev 4.4

Start Date: 02/20/2013 10:45 End Date: 02/21/2013 09:31

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			08:48																				
ZZZZZZ			08:54																				
ZZZZZZ			09:00																				
ZZZZZZ			09:06																				
ZZZZZZ			09:13																				
ZZZZZZ			09:19																				
ZZZZZZ			09:25																				
ZZZZZZ			09:31																				

Prep Types
= Total/NA
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Instrument ID: ICPF Method: 6010C

Start Date: 02/18/2013 12:44 End Date: 02/19/2013 06:16

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			12:44																				
ZZZZZZ			12:50																				
ZZZZZZ			12:56																				
ICV 680-266674/4	1		13:02	X	X	X	X	X	X	X													
ICBIS 680-266674/5	1		13:09	X	X	X	X	X	X	X													
CRI 680-266674/6	1		13:15	X	X	X	X	X	X	X													
ICSA 680-266674/7	1		13:21	X	X	X	X	X	X	X													
ICSAB 680-266674/8	1		13:34	X	X	X	X	X	X	X													
CCV 680-266674/9	1		13:40	X	X	X	X	X	X	X													
CCB 680-266674/10	1		13:47	X	X	X	X	X	X	X													
MB 680-266336/1-A	1	T	13:53	X	X	X	X	X	X	X													
LCS 680-266336/24-A	1	T	13:59	X	X	X	X	X	X	X													
ZZZZZZ			14:05																				
680-87447-2	1	T	14:11	X	X	X	X	X	X	X													
680-87447-2 SD	5	T	14:17	X	X	X	X	X	X	X													
680-87447-2 PDS	1	T	14:23	X	X	X	X	X	X	X													
680-87447-2 MS	1	T	14:30	X	X	X	X	X	X	X													
680-87447-2 MSD	1	T	14:36	X	X	X	X	X	X	X													
680-87447-6	1	T	14:42	X	X	X	X	X	X	X													
680-87447-7	1	T	14:48	X	X	X	X	X	X	X													
CCV 680-266674/21	1		14:54	X	X	X	X	X	X	X													
CCB 680-266674/22	1		15:00	X	X	X	X	X	X	X													
680-87447-12	1	T	15:06	X	X	X	X	X	X	X													
680-87447-32	1	T	15:13	X	X	X	X	X	X	X													
680-87447-33	1	T	15:21	X	X	X	X	X	X	X													
680-87447-34	1	T	15:28	X	X	X	X	X	X	X													
680-87447-35	1	T	15:34	X	X	X	X	X	X	X													
ZZZZZZ			15:40																				
ZZZZZZ			15:46																				
ZZZZZZ			15:52																				
ZZZZZZ			15:58																				
ZZZZZZ			16:04																				
CCV 680-266674/33	1		16:11	X	X	X	X	X	X	X													
CCB 680-266674/34	1		16:17	X	X	X	X	X	X	X													
ZZZZZZ			16:25																				
ZZZZZZ			16:31																				
ZZZZZZ			16:37																				
ZZZZZZ			16:44																				
ZZZZZZ			16:50																				
ZZZZZZ			16:56																				
ZZZZZZ			17:02																				
ZZZZZZ			17:08																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Instrument ID: ICPF Method: 6010C

Start Date: 02/18/2013 12:44 End Date: 02/19/2013 06:16

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			17:14																				
ZZZZZZ			17:20																				
CCV 680-266674/45			17:27																				
CCB 680-266674/46			17:33																				
ZZZZZZ			17:39																				
ZZZZZZ			17:45																				
ZZZZZZ			17:51																				
ZZZZZZ			17:57																				
ZZZZZZ			18:03																				
ZZZZZZ			18:10																				
ZZZZZZ			18:16																				
ZZZZZZ			18:22																				
ZZZZZZ			18:28																				
ZZZZZZ			18:34																				
CCV 680-266674/57			18:40																				
CCB 680-266674/58			18:46																				
ZZZZZZ			18:53																				
ZZZZZZ			18:59																				
ZZZZZZ			19:05																				
ZZZZZZ			19:11																				
ZZZZZZ			19:17																				
ZZZZZZ			19:23																				
ZZZZZZ			19:29																				
CCV 680-266674/66			19:35																				
CCB 680-266674/67			19:42																				
ZZZZZZ			19:48																				
ZZZZZZ			19:54																				
ZZZZZZ			20:00																				
ZZZZZZ			20:06																				
ZZZZZZ			20:12																				
ZZZZZZ			20:18																				
ZZZZZZ			20:25																				
ZZZZZZ			20:31																				
ZZZZZZ			20:37																				
ZZZZZZ			20:43																				
CCV 680-266674/78			20:49																				
CCB 680-266674/79			20:55																				
ZZZZZZ			21:01																				
ZZZZZZ			21:08																				
ZZZZZZ			21:14																				
ZZZZZZ			21:20																				
ZZZZZZ			21:26																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Instrument ID: ICPF Method: 6010C

Start Date: 02/18/2013 12:44 End Date: 02/19/2013 06:16

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			21:32																				
ZZZZZZ			21:38																				
ZZZZZZ			21:44																				
ZZZZZZ			21:51																				
ZZZZZZ			21:57																				
CCV 680-266674/90			22:03																				
CCB 680-266674/91			22:09																				
ZZZZZZ			22:15																				
ZZZZZZ			22:21																				
ZZZZZZ			22:27																				
ZZZZZZ			22:34																				
ZZZZZZ			22:40																				
ZZZZZZ			22:46																				
ZZZZZZ			22:52																				
ZZZZZZ			22:58																				
ZZZZZZ			23:04																				
ZZZZZZ			23:11																				
CCV 680-266674/102			23:17																				
CCB 680-266674/103			23:23																				
ZZZZZZ			23:29																				
ZZZZZZ			23:35																				
ZZZZZZ			23:41																				
ZZZZZZ			23:47																				
ZZZZZZ			23:54																				
ZZZZZZ			00:00																				
ZZZZZZ			00:06																				
ZZZZZZ			00:12																				
ZZZZZZ			00:18																				
ZZZZZZ			00:24																				
CCV 680-266674/114			00:30																				
CCB 680-266674/115			00:37																				
ZZZZZZ			00:43																				
ZZZZZZ			00:49																				
ZZZZZZ			00:55																				
ZZZZZZ			01:01																				
ZZZZZZ			01:07																				
ZZZZZZ			01:14																				
ZZZZZZ			01:20																				
ZZZZZZ			01:26																				
ZZZZZZ			01:32																				
ZZZZZZ			01:38																				
CCV 680-266674/126			01:44																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Instrument ID: ICPF Method: 6010C

Start Date: 02/18/2013 12:44 End Date: 02/19/2013 06:16

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
CCB 680-266674/127			01:50																				
ZZZZZZ			01:57																				
ZZZZZZ			02:03																				
ZZZZZZ			02:09																				
ZZZZZZ			02:15																				
ZZZZZZ			02:21																				
ZZZZZZ			02:27																				
ZZZZZZ			02:34																				
ZZZZZZ			02:40																				
ZZZZZZ			02:46																				
ZZZZZZ			02:52																				
CCV 680-266674/138			02:58																				
CCB 680-266674/139			03:04																				
ZZZZZZ			03:11																				
ZZZZZZ			03:17																				
ZZZZZZ			03:23																				
ZZZZZZ			03:29																				
ZZZZZZ			03:35																				
ZZZZZZ			03:41																				
ZZZZZZ			03:48																				
ZZZZZZ			03:54																				
ZZZZZZ			04:00																				
ZZZZZZ			04:06																				
CCV 680-266674/150			04:12																				
CCB 680-266674/151			04:18																				
ZZZZZZ			04:25																				
ZZZZZZ			04:31																				
ZZZZZZ			04:37																				
ZZZZZZ			04:43																				
ZZZZZZ			04:49																				
ZZZZZZ			04:55																				
ZZZZZZ			05:02																				
ZZZZZZ			05:08																				
ZZZZZZ			05:14																				
ZZZZZZ			05:20																				
CCV 680-266674/162			05:26																				
CCB 680-266674/163			05:32																				
ZZZZZZ			05:39																				
ZZZZZZ			05:45																				
ZZZZZZ			05:51																				
ZZZZZZ			05:57																				
CRI 680-266674/168			06:03																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Instrument ID: ICPF Method: 6010C

Start Date: 02/18/2013 12:44 End Date: 02/19/2013 06:16

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
CCV 680-266674/169			06:09																				
CCB 680-266674/170			06:16																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Instrument ID: LEEMAN2 Method: 245.1

Start Date: 02/20/2013 13:55 End Date: 02/20/2013 18:39

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
IC 680-266572/10-A			13:55	X																			
IC 680-266572/11-A			13:58	X																			
IC 680-266572/12-A			14:00	X																			
IC 680-266572/13-A			14:02	X																			
IC 680-266572/14-A			14:05	X																			
IC 680-266572/15-A			14:07	X																			
ICV 680-266572/20-A	1		14:10	X																			
ICB 680-266572/21-A	1		14:12	X																			
CRA 680-266572/24-A	1		14:15	X																			
CCV 680-266572/17-A			14:17																				
CCB 680-266572/18-A			14:20																				
CCV 680-266572/17-A			14:23																				
CCB 680-266572/18-A			14:25																				
ZZZZZZ			14:28																				
ZZZZZZ			14:30																				
ZZZZZZ			14:32																				
ZZZZZZ			14:35																				
ZZZZZZ			14:37																				
ZZZZZZ			14:40																				
ZZZZZZ			14:42																				
ZZZZZZ			14:45																				
ZZZZZZ			14:47																				
ZZZZZZ			14:49																				
CCV 680-266572/17-A			14:52																				
CCB 680-266572/18-A			14:54																				
ZZZZZZ			14:57																				
ZZZZZZ			14:59																				
ZZZZZZ			15:02																				
ZZZZZZ			15:04																				
ZZZZZZ			15:07																				
ZZZZZZ			15:09																				
ZZZZZZ			15:12																				
ZZZZZZ			15:14																				
ZZZZZZ			15:17																				
ZZZZZZ			15:19																				
CCV 680-266572/17-A			15:21																				
CCB 680-266572/18-A			15:24																				
ZZZZZZ			15:26																				
ZZZZZZ			15:29																				
ZZZZZZ			15:31																				
ZZZZZZ			15:34																				
ZZZZZZ			15:36																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Instrument ID: LEEMAN2 Method: 245.1

Start Date: 02/20/2013 13:55 End Date: 02/20/2013 18:39

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			15:39																				
ZZZZZZ			15:41																				
ZZZZZZ			15:44																				
ZZZZZZ			15:46																				
ZZZZZZ			15:48																				
CCV 680-266572/17-A			15:51																				
CCB 680-266572/18-A			15:53																				
ZZZZZZ			15:56																				
ZZZZZZ			15:58																				
ZZZZZZ			16:01																				
ZZZZZZ			16:03																				
ZZZZZZ			16:06																				
ZZZZZZ			16:08																				
ZZZZZZ			16:11																				
ZZZZZZ			16:13																				
ZZZZZZ			16:15																				
ZZZZZZ			16:18																				
CCV 680-266572/17-A	1		16:20	X																			
CCB 680-266572/18-A	1		16:23	X																			
ZZZZZZ			16:25																				
ZZZZZZ			16:28																				
ZZZZZZ			16:30																				
ZZZZZZ			16:33																				
ZZZZZZ			16:35																				
ZZZZZZ			16:38																				
MB 680-266572/1-A	1	T	16:40	X																			
LCS 680-266572/2-A	1	T	16:43	X																			
ZZZZZZ			16:45																				
680-87447-31	1	T	16:48	X																			
CCV 680-266572/17-A	1		16:50	X																			
CCB 680-266572/18-A	1		16:52	X																			
680-87447-31 MS	1	T	16:55	X																			
680-87447-31 MSD	1	T	16:57	X																			
ZZZZZZ			17:00																				
ZZZZZZ			17:02																				
ZZZZZZ			17:05																				
ZZZZZZ			17:07																				
ZZZZZZ			17:10																				
ZZZZZZ			17:12																				
ZZZZZZ			17:15																				
ZZZZZZ			17:17																				
CCV 680-266572/17-A	1		17:19	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Instrument ID: LEEMAN2 Method: 245.1

Start Date: 02/20/2013 13:55 End Date: 02/20/2013 18:39

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
CCB 680-266572/18-A	1		17:22	X																			
ZZZZZZ			17:24																				
ZZZZZZ			17:27																				
ZZZZZZ			17:29																				
ZZZZZZ			17:32																				
ZZZZZZ			17:34																				
ZZZZZZ			17:37																				
ZZZZZZ			17:39																				
ZZZZZZ			17:42																				
ZZZZZZ			17:44																				
ZZZZZZ			17:47																				
CCV 680-266572/17-A			17:49																				
CCB 680-266572/18-A			17:52																				
ZZZZZZ			17:54																				
ZZZZZZ			17:56																				
ZZZZZZ			17:59																				
ZZZZZZ			18:01																				
ZZZZZZ			18:04																				
ZZZZZZ			18:06																				
ZZZZZZ			18:09																				
ZZZZZZ			18:11																				
ZZZZZZ			18:14																				
ZZZZZZ			18:16																				
CCV 680-266572/17-A			18:19																				
CCB 680-266572/18-A			18:21																				
ZZZZZZ			18:24																				
ZZZZZZ			18:26																				
ZZZZZZ			18:29																				
ZZZZZZ			18:31																				
ZZZZZZ			18:34																				
CCV 680-266572/17-A			18:36																				
CCB 680-266572/18-A			18:39																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Instrument ID: LEEMAN2 Method: 7471B

Start Date: 02/17/2013 15:14 End Date: 02/17/2013 17:48

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
IC 680-266223/9-A			15:14	X																			
IC 680-266223/10-A			15:17	X																			
IC 680-266223/11-A			15:19	X																			
IC 680-266223/12-A			15:21	X																			
IC 680-266223/13-A			15:24	X																			
IC 680-266223/14-A			15:26	X																			
ICV 680-266223/19-A	1		15:29	X																			
ICB 680-266223/20-A	1		15:31	X																			
CRA 680-266223/21-A	1		15:34	X																			
CCV 680-266223/16-A			15:36																				
CCB 680-266223/17-A			15:39																				
ZZZZZZ			15:41																				
ZZZZZZ			15:43																				
ZZZZZZ			15:46																				
ZZZZZZ			15:48																				
ZZZZZZ			15:51																				
ZZZZZZ			15:53																				
ZZZZZZ			15:55																				
ZZZZZZ			15:58																				
ZZZZZZ			16:00																				
ZZZZZZ			16:03																				
CCV 680-266223/16-A			16:05																				
CCB 680-266223/17-A			16:08																				
ZZZZZZ			16:10																				
ZZZZZZ			16:13																				
ZZZZZZ			16:15																				
ZZZZZZ			16:17																				
ZZZZZZ			16:20																				
ZZZZZZ			16:22																				
ZZZZZZ			16:25																				
ZZZZZZ			16:27																				
ZZZZZZ			16:30																				
ZZZZZZ			16:32																				
CCV 680-266223/16-A			16:34																				
CCB 680-266223/17-A			16:37																				
ZZZZZZ			16:39																				
ZZZZZZ			16:42																				
ZZZZZZ			16:44																				
ZZZZZZ			16:47																				
ZZZZZZ			16:49																				
ZZZZZZ			16:52																				
ZZZZZZ			16:54																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Instrument ID: LEEMAN2 Method: 7471B

Start Date: 02/17/2013 15:14 End Date: 02/17/2013 17:48

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			16:56																				
ZZZZZZ			16:59																				
ZZZZZZ			17:01																				
CCV 680-266223/16-A	1		17:04	X																			
CCB 680-266223/17-A	1		17:06	X																			
MB 680-266271/1-A	1	T	17:09	X																			
LCS 680-266271/2-A	1	T	17:11	X																			
680-87447-2	1	T	17:14	X																			
680-87447-2 MS	1	T	17:16	X																			
680-87447-2 MSD	1	T	17:18	X																			
680-87447-6	1	T	17:21	X																			
680-87447-7	1	T	17:23	X																			
680-87447-12	1	T	17:26	X																			
680-87447-32	1	T	17:28	X																			
680-87447-33	1	T	17:31	X																			
CCV 680-266223/16-A	1		17:33	X																			
CCB 680-266223/17-A	1		17:36	X																			
680-87447-34	1	T	17:38	X																			
680-87447-35	1	T	17:40	X																			
ZZZZZZ			17:43																				
CCV 680-266223/16-A	1		17:45	X																			
CCB 680-266223/17-A	1		17:48	X																			

Prep Types

T = Total/NA

F02202013.wvq. All Data Report 2/22/2013, 10:38:18 AM

Blank (Blk) **2/20/2013, 10:45:46 AM** **Rack S, Tube 1**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.0000	ppb	16.349	66.1	-24.7364
Al 308.215	0.0000	ppb	6.933	2.3	304.268
As 188.980	0.0000	ppb	1.873	288.9	-0.6484
B 249.678	0.0000	ppb	4.888	6.1	80.2317
Ba 389.178	0.0000	ppb	7.430	22.1	-33.6185
Be 313.042	0.0000	ppb	3.477	3.4	-101.042
Ca 370.602	0.0000	ppb	3.096	4.0	-76.82
Cd 226.502	0.0000	ppb	1.716	13.2	12.9605
Co 228.615	0.0000	ppb	2.678	19.5	-13.7533
Cr 267.716	0.0000	ppb	1.851	23.0	8.0542
Cu 324.754	0.0000	ppb	7.653	13.8	55.3502
Fe 271.441	0.0000	ppb	3.301	23.2	-14.2288
K 766.491	0.0000	ppb	24.915	1.1	2273.95
Mg 279.078	0.0000	ppb	3.636	14.0	26.0401
Mn 257.610	0.0000	ppb	2.538	128.8	1.9702
Mo 202.032	0.0000	ppb	2.583	125.7	2.0541
Na 330.237	0.0000	ppb	4.705	142.7	3.2977
Ni 231.604	0.0000	ppb	1.207	215.0	0.5612
Pb 220.353	0.0000	ppb	0.750	29.2	2.5726
Sb 206.834	0.0000	ppb	3.483	77.5	4.4951
Se 196.026	0.0000	ppb	1.423	57.2	2.4900
Sn 189.925	0.0000	ppb	0.718	17.3	-4.1597
Sr 216.596	0.0000	ppb	1.766	45.3	-3.8946
Ti 334.941	0.0000	ppb	4.908	8.4	-58.3719
Tl 190.794	0.0000	ppb	0.853	21.8	-3.9155
V 292.401	0.0000	ppb	3.156	32.5	9.7146
Zn 206.200	0.0000	ppb	1.444	332.4	0.4345

HIGH STD (Std) **2/20/2013, 10:51:55 AM** **Rack S, Tube 2**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	1000.00	ppb	805.314	3.1	26243.3
Al 308.215	10000.0	ppb	657.401	1.9	34819.2
As 188.980	5000.00	ppb	18.300	1.2	1567.96
B 249.678	5000.00	ppb	479.324	1.3	36376.2
Ba 389.178	10000.0	ppb	2543.724	1.8	141152
Be 313.042	1000.00	ppb	25581.281	1.9	1338082
Ca 370.602	10000	ppb	584.940	1.8	32417
Cd 226.502	1000.00	ppb	353.559	1.8	19527.0
Co 228.615	1000.00	ppb	169.907	2.4	7013.69
Cr 267.716	10000.0	ppb	2528.371	1.9	135213
Cu 324.754	10000.0	ppb	7687.114	3.0	253138
Fe 271.441	10000.0	ppb	127.887	2.1	6216.40
K 766.491	20000.0	ppb	28374.037	1.3	2216472
Mg 279.078	10000.0	ppb	197.563	2.0	10118.8
Mn 257.610	10000.0	ppb	14099.871	1.7	846383
Mo 202.032	1000.00	ppb	61.761	2.1	2924.64
Na 330.237	15000.0	ppb	11.986	1.4	844.038
Ni 231.604	5000.00	ppb	337.438	2.8	12101.9
Pb 220.353	5000.00	ppb	64.209	1.8	3616.32
Sb 206.834	5000.00	ppb	44.252	1.8	2506.13
Se 196.026	10000.0	ppb	41.435	1.8	2274.44
Sn 189.925	10000.0	ppb	70.081	1.4	4925.71

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Sr 216.596	5000.00	ppb	464.301	1.8	25613.4
Ti 334.941	1000.00	ppb	3273.930	1.9	171011
Tl 190.794	10000.0	ppb	61.517	1.5	3972.10
V 292.401	10000.0	ppb	4502.696	1.9	239776
Zn 206.200	5000.00	ppb	219.490	1.8	12465.0

Lab Control Sample (LCS) **2/20/2013, 10:58:02 AM** **Rack S, Tube 2**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	1011.78	ppb	7.5654	0.7	26550.8	101.17760
Al 308.215	10053.0	ppb	83.5326	0.8	35637.8	100.52951
As 188.980	5095.63	ppb	32.3664	0.6	1599.09	509.56293*
B 249.678	5046.40	ppb	21.6931	0.4	36705.4	100.92801
Ba 389.178	10047.5	ppb	78.9537	0.8	141896	100.47509
Be 313.042	1005.70	ppb	8.1403	0.8	1350870	100.56978
Ca 370.602	10251	ppb	81.96	0.8	32103	102.50839
Cd 226.502	1006.59	ppb	9.1974	0.9	19676.5	100.65852
Co 228.615	1006.03	ppb	8.3043	0.8	7060.80	100.60250
Cr 267.716	10070.5	ppb	76.5513	0.8	136112	100.70508
Cu 324.754	10184.6	ppb	125.860	1.2	257694	101.84575
Fe 271.441	10043.9	ppb	104.253	1.0	6346.93	100.43949
K 766.491	20068.9	ppb	137.436	0.7	2221764	100.34454
Mg 279.078	10079.5	ppb	85.6860	0.9	10154.3	100.79496
Mn 257.610	10081.8	ppb	70.3930	0.7	853327	100.81799
Mo 202.032	1005.98	ppb	7.2886	0.7	2925.25	100.59845
Na 330.237	15050.0	ppb	94.7819	0.6	844.714	100.33323
Ni 231.604	5061.33	ppb	51.1511	1.0	12255.0	101.22670
Pb 220.353	5033.38	ppb	39.3397	0.8	3630.59	503.33789*
Sb 206.834	4952.15	ppb	39.5148	0.8	2532.80	495.21494*
Se 196.026	10062.6	ppb	82.4101	0.8	2289.97	100.62559
Sn 189.925	10031.3	ppb	101.119	1.0	4941.33	100.31320
Sr 216.596	5035.50	ppb	40.4297	0.8	25618.6	100.71000
Ti 334.941	1004.44	ppb	8.1222	0.8	172279	100.44427
Tl 190.794	10022.6	ppb	84.4874	0.8	3990.85	100.22625
V 292.401	10080.1	ppb	76.4855	0.8	240978	100.80087
Zn 206.200	5026.96	ppb	42.9639	0.9	12501.5	100.53912

Initial Calib Verif (ICV) **2/20/2013, 11:11:21 AM** **Rack S, Tube 3**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	992.791	ppb	12.6677	1.3	26053.3	99.27914
Al 308.215	954.875	ppb	12.2305	1.3	3687.77	95.48750
As 188.980	1041.09	ppb	8.4542	0.8	326.128	104.10866
B 249.678	1007.56	ppb	10.2382	1.0	7401.47	100.75563
Ba 389.178	1000.83	ppb	10.8174	1.1	14107.9	100.08254
Be 313.042	1007.52	ppb	10.2513	1.0	1348578	100.75243
Ca 370.602	975.6	ppb	9.072	0.9	3066	97.56251
Cd 226.502	1006.35	ppb	10.2384	1.0	19653.1	100.63545
Co 228.615	969.166	ppb	7.0551	0.7	6792.85	96.91655
Cr 267.716	994.700	ppb	11.6109	1.2	13451.1	99.47005
Cu 324.754	1013.24	ppb	10.2551	1.0	25693.3	101.32353

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Fe 271.441	985.918	ppb	4.9058	0.5	644.048	98.59184
K 766.491	9888.41	ppb	78.5302	0.8	1096786	98.88409
Mg 279.078	1004.00	ppb	11.8754	1.2	1034.75	100.40041
Mn 257.610	1019.68	ppb	11.0298	1.1	86316.5	101.96822
Mo 202.032	1038.26	ppb	11.6006	1.1	3034.81	103.82643
Na 330.237	10273.6	ppb	127.617	1.2	574.112	102.73605
Ni 231.604	1014.76	ppb	12.7592	1.3	2456.38	101.47589
Pb 220.353	1010.30	ppb	11.8221	1.2	730.534	101.03023
Sb 206.834	990.594	ppb	11.2193	1.1	501.056	99.05939
Se 196.026	1028.04	ppb	12.0077	1.2	236.189	102.80431
Sn 189.925	4860.03	ppb	53.8190	1.1	2391.97	97.20062
Sr 216.596	5158.58	ppb	53.2912	1.0	26378.4	103.17163
Ti 334.941	995.321	ppb	10.6443	1.1	170260	99.53207
Tl 190.794	1044.68	ppb	12.6531	1.2	413.290	104.46797
V 292.401	990.825	ppb	11.0587	1.1	23515.3	99.08254
Zn 206.200	994.760	ppb	13.1247	1.3	2477.26	99.47599

Initial Calib Blank (ICB) **2/20/2013, 11:17:28 AM** **Rack S, Tube 1**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.3819	ppb	0.2307	60.4	-34.7681	-0.38194
Al 308.215	-3.3137	ppb	2.1181	63.9	292.846	-3.31375
As 188.980	2.5569	ppb	7.8696	307.8	0.1540	2.55688
B 249.678	13.6452	ppb	1.1254	8.2	179.299	13.64523
Ba 389.178	0.0127	ppb	0.6854	5402.1	-33.4485	0.01269
Be 313.042	0.0518	ppb	0.0122	23.6	-31.8582	0.05176
Ca 370.602	-4.315	ppb	3.194	74.0	-90.15	-4.31528
Cd 226.502	0.0406	ppb	0.1419	349.8	13.7435	0.04057
Co 228.615	0.3672	ppb	0.5413	147.4	-11.1794	0.36723
Cr 267.716	-0.2762	ppb	0.2866	103.8	4.3220	-0.27622
Cu 324.754	0.3120	ppb	0.5465	175.1	63.2582	0.31204
Fe 271.441	-6.5805	ppb	9.0866	138.1	-18.3030	-6.58052
K 766.491	-0.2667	ppb	0.0138	5.2	2244.46	-0.26669
Mg 279.078	-5.1185	ppb	4.7710	93.2	20.8865	-5.11854
Mn 257.610	0.0524	ppb	0.0160	30.5	6.4024	0.05241
Mo 202.032	0.0497	ppb	0.7644	1537.7	2.1999	0.04971
Na 330.237	-129.101	ppb	138.367	107.2	-3.9385	-129.10136
Ni 231.604	0.0068	ppb	0.6199	9172.4	0.5771	0.00676
Pb 220.353	-2.1003	ppb	3.0694	146.1	1.0539	-2.10030
Sb 206.834	-2.3732	ppb	3.3510	141.2	3.3131	-2.37316
Se 196.026	4.8907	ppb	2.5942	53.0	3.6012	4.89068
Sn 189.925	-2.8111	ppb	4.9004	174.3	-5.5456	-2.81112
Sr 216.596	-0.1978	ppb	0.8086	408.8	-4.9198	-0.19779
Ti 334.941	0.1411	ppb	0.0670	47.5	-34.2183	0.14113
Tl 190.794	4.3437	ppb	2.4067	55.4	-2.1878	4.34374
V 292.401	-0.0512	ppb	0.0371	72.5	8.3475	-0.05122
Zn 206.200	-0.3604	ppb	0.5792	160.7	-0.4649	-0.36038

CRI (CRI) **2/20/2013, 11:33:03 AM** **Rack S, Tube 4**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	9.3735	ppb	0.2449	2.6	221.463	93.73496
Al 308.215	216.686	ppb	8.4411	3.9	1053.05	108.34316
As 188.980	23.3839	ppb	2.6874	11.5	6.6825	116.91954
B 249.678	102.101	ppb	1.6177	1.6	821.420	102.10079
Ba 389.178	10.0811	ppb	0.8043	8.0	109.707	100.81142
Be 313.042	4.1272	ppb	0.0671	1.6	5426.28	103.18106
Ca 370.602	522.2	ppb	15.21	2.9	1613	104.43294
Cd 226.502	5.1019	ppb	0.1246	2.4	112.641	102.03714
Co 228.615	10.8409	ppb	0.0924	0.9	62.3957	108.40914
Cr 267.716	10.4707	ppb	0.2778	2.7	149.559	104.70726
Cu 324.754	20.0958	ppb	0.2019	1.0	563.085	100.47894
Fe 271.441	58.2308	ppb	0.8538	1.5	22.5463	116.46154
K 766.491	1054.13	ppb	14.1240	1.3	118974	105.41278
Mg 279.078	535.066	ppb	13.2144	2.5	565.894	107.01323
Mn 257.610	10.6267	ppb	0.2311	2.2	901.798	106.26721
Mo 202.032	9.9854	ppb	1.1460	11.5	31.2183	99.85444
Na 330.237	808.627	ppb	102.520	12.7	48.5711	80.86266
Ni 231.604	41.8545	ppb	1.2106	2.9	101.883	104.63614
Pb 220.353	8.7931	ppb	2.9220	33.2	8.8841	87.93118
Sb 206.834	16.5307	ppb	6.0065	36.3	12.7586	82.65347
Se 196.026	20.5851	ppb	6.0723	29.5	7.1671	102.92575
Sn 189.925	49.6902	ppb	0.9627	1.9	20.3375	99.38045
Sr 216.596	9.6712	ppb	0.1759	1.8	44.2135	96.71223
Ti 334.941	10.1664	ppb	0.1268	1.2	1681.73	101.66415
Tl 190.794	24.4332	ppb	3.8157	15.6	5.8114	97.73273
V 292.401	10.0202	ppb	0.0862	0.9	247.378	100.20213
Zn 206.200	20.4628	ppb	0.7459	3.6	51.4301	102.31393

Interf Check A (ICSA) **2/20/2013, 11:39:11 AM** **Rack S, Tube 5**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.3185	ppb	0.3745	117.6	-66.0520	-0.31852
Al 308.215	550914	ppb	1546.14	0.3	1901755	-
As 188.980	-0.1027	ppb	3.7834	3683.3	-7.9257	-0.10272
B 249.678	1.3358	ppb	0.9954	74.5	-249.598	1.33585
Ba 389.178	4.9275	ppb	0.9844	20.0	1108.99	4.92747
Be 313.042	-0.0547	ppb	0.0011	2.1	-31.2527	-0.05474
Ca 370.602	508504	ppb	1898	0.4	1621351	-
Cd 226.502	2.2319	ppb	0.3068	13.7	487.458	2.23193
Co 228.615	-0.2957	ppb	0.3428	115.9	-12.9628	-0.29569
Cr 267.716	0.3572	ppb	0.1444	40.4	-75.2612	0.35722
Cu 324.754	1.9728	ppb	1.1381	57.7	-772.699	1.97279
Fe 271.441	196473	ppb	612.440	0.3	122401	-
K 766.491	1.7335	ppb	0.3503	20.2	2443.56	1.73346
Mg 279.078	550585	ppb	1019.79	0.2	555145	-
Mn 257.610	-0.8865	ppb	0.0879	9.9	326.635	-0.88653
Mo 202.032	-3.2886	ppb	1.2281	37.3	-22.8598	-3.28860
Na 330.237	-2.9932	ppb	257.066	8588.4	-54.7178	-2.99318
Ni 231.604	4.1042	ppb	1.6806	40.9	38.0069	4.10423
Pb 220.353	-0.3476	ppb	7.1671	2061.7	-52.8582	-0.34764

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sb 206.834	-7.7247	ppb	4.3447	56.2	8.6835	-7.72472
Se 196.026	3.3610	ppb	4.1688	124.0	-1.8380	3.36095
Sn 189.925	-23.8880	ppb	1.1167	4.7	-17.4370	-23.88801
Sr 216.596	2.7843	ppb	1.5020	53.9	99.4363	2.78427
Ti 334.941	0.4023	ppb	0.0969	24.1	490.530	0.40227
Tl 190.794	-10.7064	ppb	3.3207	31.0	-26.0599	-10.70639
V 292.401	0.4154	ppb	0.4782	115.1	56.1292	0.41539
Zn 206.200	-5.4866	ppb	1.7432	31.8	5.8819	-5.48657

Interf Check AB (ICSAB) **2/20/2013, 11:45:20 AM** **Rack S, Tube 6**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	219.782	ppb	1.9514	0.9	5718.45	109.89099
Al 308.215	543689	ppb	2619.25	0.5	1876877	108.73774
As 188.980	108.309	ppb	7.8252	7.2	26.3010	108.30904
B 249.678	0.6469	ppb	0.8333	128.8	-249.898	-
Ba 389.178	519.418	ppb	2.8140	0.5	8364.33	103.88357
Be 313.042	502.061	ppb	2.8769	0.6	672055	100.41213
Ca 370.602	500664	ppb	2377	0.5	1596331	100.13287
Cd 226.502	984.763	ppb	6.1646	0.6	19654.6	98.47628
Co 228.615	483.501	ppb	3.1997	0.7	3369.58	96.70021
Cr 267.716	507.074	ppb	2.4134	0.5	6773.53	101.41482
Cu 324.754	558.428	ppb	4.2387	0.8	13329.3	111.68551
Fe 271.441	193666	ppb	1056.73	0.5	120674	96.83279
K 766.491	2.0826	ppb	0.2364	11.4	2362.94	-
Mg 279.078	541871	ppb	2496.39	0.5	546357	108.37410
Mn 257.610	518.721	ppb	2.9356	0.6	44299.6	103.74430
Mo 202.032	1121.11	ppb	6.0063	0.5	3262.73	112.11096
Na 330.237	83.8446	ppb	133.239	158.9	-47.6957	-
Ni 231.604	973.086	ppb	7.9664	0.8	2382.40	97.30863
Pb 220.353	49.7544	ppb	6.1140	12.3	-17.7405	99.50890
Sb 206.834	615.165	ppb	7.3120	1.2	322.331	102.52750
Se 196.026	47.3532	ppb	18.9741	40.1	8.3090	94.70634
Sn 189.925	1012.83	ppb	4.7780	0.5	493.676	101.28320
Sr 216.596	3.6118	ppb	0.1992	5.5	54.9138	-
Ti 334.941	0.3393	ppb	0.0931	27.4	497.371	-
Tl 190.794	97.4730	ppb	4.4350	4.5	17.3368	97.47297
V 292.401	501.724	ppb	2.9455	0.6	11823.6	100.34477
Zn 206.200	957.266	ppb	5.9582	0.6	2404.10	95.72659

Cont Calib Verif (CCV) **2/20/2013, 11:51:28 AM** **Rack 1, Tube 1**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	500.019	ppb	21.8886	4.4	13109.3	100.00382
Al 308.215	5014.33	ppb	228.903	4.6	17924.8	100.28666
As 188.980	496.602	ppb	27.4982	5.5	155.721	99.32045
B 249.678	2464.00	ppb	109.682	4.5	17963.1	98.56017
Ba 389.178	5072.15	ppb	222.800	4.4	71614.5	101.44294
Be 313.042	501.967	ppb	23.3473	4.7	674162	100.39336
Ca 370.602	5134	ppb	212.0	4.1	16047	102.68996
Cd 226.502	503.933	ppb	23.1889	4.6	9857.19	100.78662

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Co 228.615	504.400	ppb	21.9972	4.4	3533.18	100.87994
Cr 267.716	5094.65	ppb	226.709	4.4	68863.8	101.89309
Cu 324.754	5046.11	ppb	211.532	4.2	127707	100.92226
Fe 271.441	5004.79	ppb	236.833	4.7	3154.97	100.09582
K 766.491	10052.5	ppb	365.591	3.6	1114010	100.52531
Mg 279.078	4967.73	ppb	207.937	4.2	5017.25	99.35463
Mn 257.610	5200.95	ppb	233.462	4.5	440211	104.01894
Mo 202.032	514.670	ppb	24.0960	4.7	1497.91	102.93400
Na 330.237	7466.21	ppb	423.995	5.7	420.737	99.54944
Ni 231.604	2541.31	ppb	111.622	4.4	6153.74	101.65244
Pb 220.353	494.819	ppb	19.5250	3.9	355.218	98.96384
Sb 206.834	501.137	ppb	28.2535	5.6	281.000	100.22733
Se 196.026	5183.85	ppb	254.601	4.9	1180.92	103.67696
Sn 189.925	4997.49	ppb	218.108	4.4	2459.62	99.94973
Sr 216.596	2446.21	ppb	107.405	4.4	12440.4	97.84836
Ti 334.941	503.680	ppb	22.3020	4.4	86362.3	100.73593
Tl 190.794	5162.51	ppb	211.804	4.1	2053.50	103.25022
V 292.401	4958.23	ppb	223.301	4.5	118527	99.16465
Zn 206.200	2533.13	ppb	111.722	4.4	6299.78	101.32502

Cont Calib Blank (CCB) **2/20/2013, 11:57:35 AM** **Rack 1, Tube 2**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.4752	ppb	0.4206	88.5	-37.2168	-0.47520
Al 308.215	-1.9246	ppb	1.0202	53.0	297.656	-1.92461
As 188.980	4.2547	ppb	7.6342	179.4	0.6866	4.25470
B 249.678	10.8945	ppb	2.3854	21.9	159.299	10.89454
Ba 389.178	0.2647	ppb	0.3732	141.0	-29.8771	0.26474
Be 313.042	0.0093	ppb	0.0017	17.8	-88.8329	0.00929
Ca 370.602	-1.862	ppb	3.909	210.0	-83.42	-1.86174
Cd 226.502	-0.0059	ppb	0.0716	1206.2	12.8520	-0.00593
Co 228.615	-0.0200	ppb	0.1800	901.7	-13.9143	-0.01997
Cr 267.716	0.1957	ppb	0.2663	136.0	10.7006	0.19573
Cu 324.754	-0.1261	ppb	0.1492	118.3	52.1725	-0.12611
Fe 271.441	3.1317	ppb	5.5138	176.1	-12.2788	3.13174
K 766.491	-0.8077	ppb	0.2856	35.4	2184.52	-0.80767
Mg 279.078	-2.3982	ppb	1.5478	64.5	23.6095	-2.39818
Mn 257.610	0.0383	ppb	0.0764	199.5	5.2132	0.03831
Mo 202.032	1.4186	ppb	0.2475	17.4	6.2001	1.41864
Na 330.237	-150.522	ppb	166.015	110.3	-5.1407	-150.52182
Ni 231.604	-0.2988	ppb	0.5280	176.7	-0.1618	-0.29884
Pb 220.353	-1.5769	ppb	1.8716	118.7	1.4309	-1.57691
Sb 206.834	-1.3547	ppb	3.6359	268.4	3.8227	-1.35471
Se 196.026	-0.8330	ppb	9.8612	1183.8	2.3006	-0.83301
Sn 189.925	-2.0608	ppb	2.3449	113.8	-5.1757	-2.06081
Sr 216.596	-0.9118	ppb	0.3262	35.8	-8.5785	-0.91179
Ti 334.941	0.0281	ppb	0.0071	25.2	-53.5486	0.02814
Tl 190.794	-1.2761	ppb	3.3218	260.3	-4.4246	-1.27614
V 292.401	-0.1913	ppb	0.0356	18.6	4.8143	-0.19129
Zn 206.200	-0.4309	ppb	0.5944	137.9	-0.6402	-0.43088

MB 680-266680/1-A (Samp) **2/20/2013, 12:03:42 PM** **Rack 1, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.7916	ppb	0.2986	37.7	-45.5283
Al 308.215	-0.5397	ppb	0.5787	107.2	302.413
As 188.980	2.8219	ppb	2.6336	93.3	0.2369
B 249.678	4.5125	ppb	0.9911	22.0	113.000
Ba 389.178	0.4334	ppb	0.7711	177.9	-27.5085
Be 313.042	0.0131	ppb	0.0045	34.1	-83.5904
Ca 370.602	-1.861	ppb	1.514	81.4	-82.08
Cd 226.502	-0.0860	ppb	0.1439	167.3	11.2718
Co 228.615	0.1921	ppb	0.4414	229.8	-12.4097
Cr 267.716	-0.2301	ppb	0.0934	40.6	4.9471
Cu 324.754	-0.1494	ppb	0.3084	206.4	51.5807
Fe 271.441	-2.8004	ppb	5.4930	196.2	-15.9595
K 766.491	0.5720	ppb	0.1114	19.5	2337.21
Mg 279.078	-1.6610	ppb	2.2245	133.9	24.3782
Mn 257.610	0.0531	ppb	0.0390	73.4	6.4598
Mo 202.032	0.3174	ppb	0.2137	67.3	2.9826
Na 330.237	43.0785	ppb	128.635	298.6	5.7144
Ni 231.604	1.0357	ppb	0.8984	86.7	3.0680
Pb 220.353	-2.0860	ppb	4.1059	196.8	1.0642
Sb 206.834	-2.5142	ppb	3.6063	143.4	3.2456
Se 196.026	2.6742	ppb	4.4565	166.6	3.0977
Sn 189.925	-3.9488	ppb	2.4136	61.1	-6.1064
Sr 216.596	-0.1811	ppb	0.2123	117.2	-4.8649
Ti 334.941	-0.0278	ppb	0.0648	233.0	-63.1198
Tl 190.794	1.1957	ppb	2.5502	213.3	-3.4399
V 292.401	-0.0977	ppb	0.0471	48.3	7.2564
Zn 206.200	0.3321	ppb	0.1157	34.8	1.2614

LCS 680-266680/3-A (Samp) **2/20/2013, 12:09:49 PM** **Rack 1, Tube 4**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	106.835b	ppb	0.9256	0.9	2782.95
Al 308.215	10190.9b	ppb	71.6755	0.7	35494.7
As 188.980	223.575b	ppb	3.2219	1.4	69.2265
B 249.678	451.787b	ppb	3.8575	0.9	3342.53
Ba 389.178	201.412b	ppb	1.9877	1.0	2838.01
Be 313.042	104.617b	ppb	0.9669	0.9	139975
Ca 370.602	10497b	ppb	94.55	0.9	32484
Cd 226.502	102.701b	ppb	0.9487	0.9	2037.75
Co 228.615	102.629b	ppb	1.2245	1.2	707.104
Cr 267.716	206.585b	ppb	1.8100	0.9	2797.22
Cu 324.754	215.439b	ppb	3.0882	1.4	5490.40
Fe 271.441	10112.2b	ppb	82.8523	0.8	6291.73
K 766.491	11535.6b	ppb	95.0711	0.8	1279328
Mg 279.078	10053.2b	ppb	91.1855	0.9	10141.3
Mn 257.610	1050.60b	ppb	5.9378	0.6	88935.4
Mo 202.032	212.011b	ppb	2.8045	1.3	620.354
Na 330.237	-xb	ppb	1603.67	1.1	8009.12
Ni 231.604	206.284b	ppb	3.4754	1.7	500.603
Pb 220.353	98.0036b	ppb	3.6095	3.7	71.8942

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	95.8836b	ppb	4.2464	4.4	53.7432
Se 196.026	213.483b	ppb	4.1105	1.9	50.8939
Sn 189.925	143.986b	ppb	3.3045	2.3	66.8629
Sr 216.596	204.355b	ppb	1.9070	0.9	1037.12
Ti 334.941	204.051b	ppb	1.8295	0.9	34862.1
Tl 190.794	77.9166b	ppb	1.1153	1.4	26.6973
V 292.401	204.570b	ppb	1.9631	1.0	4862.54
Zn 206.200	205.754b	ppb	1.1638	0.6	513.201

LB 680-266275/21-G (Samp) **2/20/2013, 12:15:56 PM** **Rack 1, Tube 5**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4105b	ppb	0.6104	148.7	-35.5196
Al 308.215	4.1210b	ppb	3.7262	90.4	318.483
As 188.980	5.4197b	ppb	6.2516	115.4	1.0517
B 249.678	10.2415b	ppb	0.8110	7.9	154.573
Ba 389.178	0.5951b	ppb	0.8544	143.6	-25.1878
Be 313.042	0.0440b	ppb	0.0132	29.9	-53.4936
Ca 370.602	107.9b	ppb	2.403	2.2	273.0
Cd 226.502	0.0658b	ppb	0.0563	85.5	13.8579
Co 228.615	0.2631b	ppb	0.6900	262.2	-11.9114
Cr 267.716	-0.2133b	ppb	0.2014	94.4	5.8514
Cu 324.754	1.3178b	ppb	0.3576	27.1	88.5092
Fe 271.441	1.0124b	ppb	2.2719	224.4	-13.5813
K 766.491	39.3873b	ppb	1.7312	4.4	6634.45
Mg 279.078	14.0704b	ppb	1.1482	8.2	40.2266
Mn 257.610	0.3438b	ppb	0.0849	24.7	30.8062
Mo 202.032	0.5332b	ppb	0.2979	55.9	3.6125
Na 330.237	-xb	ppb	4406.01	3.1	7887.86
Ni 231.604	0.4066b	ppb	0.6569	161.6	1.5445
Pb 220.353	-2.4616b	ppb	0.4333	17.6	0.7922
Sb 206.834	0.3658b	ppb	4.6155	1261.8	4.6870
Se 196.026	2.9193b	ppb	6.0778	208.2	3.1531
Sn 189.925	-0.8463b	ppb	2.3758	280.7	-4.5487
Sr 216.596	-0.2400b	ppb	0.3269	136.2	-5.1425
Ti 334.941	0.0138b	ppb	0.1136	822.1	-62.3728
Tl 190.794	1.2717b	ppb	2.8475	223.9	-3.4112
V 292.401	-0.3666b	ppb	0.0956	26.1	-0.1364
Zn 206.200	1.9918b	ppb	0.0349	1.8	5.3999

680-87388-A-1-K (Samp) **2/20/2013, 12:22:04 PM** **Rack 1, Tube 6**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.6272b	ppb	0.2058	32.8	-40.4287
Al 308.215	5.5718b	ppb	2.8649	51.4	323.490
As 188.980	4.3386b	ppb	4.9368	113.8	0.7072
B 249.678	16.7899b	ppb	1.4418	8.6	202.232
Ba 389.178	17.8053b	ppb	0.6071	3.4	218.556
Be 313.042	0.0363b	ppb	0.0046	12.7	-63.7214
Ca 370.602	6238b	ppb	211.7	3.4	20197
Cd 226.502	1.6586b	ppb	0.1064	6.4	44.8768

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	6.5158b	ppb	0.4691	7.2	32.0453
Cr 267.716	0.2933b	ppb	0.2519	85.9	13.0060
Cu 324.754	0.5830b	ppb	0.1632	28.0	58.4056
Fe 271.441	-4.0262b	ppb	10.4281	259.0	-16.4882
K 766.491	290.705b	ppb	8.6543	3.0	34453.8
Mg 279.078	497.492b	ppb	15.7128	3.2	527.828
Mn 257.610	215.130b	ppb	7.6686	3.6	18210.1
Mo 202.032	-0.1776b	ppb	0.6559	369.4	1.5357
Na 330.237	-xb	ppb	7093.99	4.5	8907.92
Ni 231.604	36.2893b	ppb	1.8249	5.0	88.4003
Pb 220.353	-6.1398b	ppb	0.6998	11.4	-1.8664
Sb 206.834	-2.9114b	ppb	4.0583	139.4	3.0979
Se 196.026	0.6142b	ppb	8.7126	1418.6	2.6633
Sn 189.925	-2.4125b	ppb	2.6160	108.4	-5.3357
Sr 216.596	51.0729b	ppb	1.8369	3.6	256.869
Ti 334.941	-0.0214b	ppb	0.0290	135.7	-63.8231
Tl 190.794	-0.0093b	ppb	1.8043	19314.2	-3.9605
V 292.401	-0.0815b	ppb	0.0651	79.9	6.3301
Zn 206.200	12.2720b	ppb	0.7733	6.3	31.0389

680-87388-A-2-I (Samp) **2/20/2013, 12:28:12 PM** **Rack 1, Tube 7**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4524b	ppb	0.5604	123.9	-35.8546
Al 308.215	6.5869b	ppb	2.6545	40.3	326.935
As 188.980	-0.0212b	ppb	6.8805	32467.6	-0.6642
B 249.678	10.4933b	ppb	0.3244	3.1	155.843
Ba 389.178	14.4353b	ppb	0.2816	2.0	170.576
Be 313.042	0.1044b	ppb	0.0181	17.3	26.9311
Ca 370.602	627.6b	ppb	9.718	1.5	1916
Cd 226.502	0.3524b	ppb	0.2679	76.0	20.0948
Co 228.615	0.5569b	ppb	0.1847	33.2	-9.8227
Cr 267.716	0.1848b	ppb	0.1768	95.7	11.3433
Cu 324.754	2.2663b	ppb	0.2827	12.5	111.628
Fe 271.441	335.387b	ppb	11.2610	3.4	194.766
K 766.491	59.9916b	ppb	1.0830	1.8	8912.30
Mg 279.078	44.6767b	ppb	4.6211	10.3	69.8191
Mn 257.610	223.741b	ppb	4.5712	2.0	18938.9
Mo 202.032	-0.5241b	ppb	0.4111	78.4	0.4860
Na 330.237	-xb	ppb	2482.00	1.7	8264.27
Ni 231.604	1.6902b	ppb	0.0960	5.7	4.6685
Pb 220.353	-4.6466b	ppb	4.0519	87.2	-0.7896
Sb 206.834	-4.5287b	ppb	0.8552	18.9	2.2541
Se 196.026	-1.3063b	ppb	5.3861	412.3	2.2196
Sn 189.925	-2.3587b	ppb	0.7948	33.7	-5.2944
Sr 216.596	3.2236b	ppb	0.2232	6.9	12.7016
Ti 334.941	0.0194b	ppb	0.0554	285.4	-61.2381
Tl 190.794	0.4964b	ppb	5.9252	1193.6	-3.7368
V 292.401	-0.1950b	ppb	0.0996	51.1	3.7739
Zn 206.200	7.8692b	ppb	0.8006	10.2	20.0575

680-87402-A-1-G (Samp) **2/20/2013, 12:34:20 PM** **Rack 1, Tube 8**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0797b	ppb	0.1306	163.8	-25.8172
Al 308.215	15.3302b	ppb	1.9532	12.7	357.083
As 188.980	-5.2793b	ppb	2.2365	42.4	-2.3279
B 249.678	7.9041b	ppb	1.1297	14.3	136.102
Ba 389.178	56.3015b	ppb	1.1485	2.0	763.863
Be 313.042	0.0436b	ppb	0.0055	12.7	-52.5365
Ca 370.602	11015b	ppb	71.48	0.6	35586
Cd 226.502	0.0168b	ppb	0.1660	987.9	14.6352
Co 228.615	0.8548b	ppb	0.0315	3.7	-7.7163
Cr 267.716	0.3616b	ppb	0.1249	34.6	13.6023
Cu 324.754	0.7531b	ppb	0.1515	20.1	53.7570
Fe 271.441	882.635b	ppb	1.9911	0.2	535.738
K 766.491	2412.96b	ppb	13.9725	0.6	269399
Mg 279.078	1072.74b	ppb	10.4407	1.0	1105.70
Mn 257.610	316.691b	ppb	2.2659	0.7	26806.9
Mo 202.032	0.7294b	ppb	0.1890	25.9	4.0898
Na 330.237	-xb	ppb	1331.49	0.9	8479.27
Ni 231.604	1.7974b	ppb	0.6787	37.8	4.9875
Pb 220.353	-2.4860b	ppb	2.0708	83.3	0.7641
Sb 206.834	-4.4352b	ppb	2.2860	51.5	2.3904
Se 196.026	3.6988b	ppb	10.2333	276.7	3.3572
Sn 189.925	-5.1470b	ppb	2.3970	46.6	-6.6993
Sr 216.596	25.2187b	ppb	0.1668	0.7	125.920
Ti 334.941	0.2559b	ppb	0.0202	7.9	-11.8601
Tl 190.794	-0.2920b	ppb	4.0101	1373.3	-4.1592
V 292.401	-0.1437b	ppb	0.0789	54.9	4.6155
Zn 206.200	3.8022b	ppb	1.2029	31.6	9.9573

680-87402-A-2-E (Samp) **2/20/2013, 12:40:29 PM** **Rack 1, Tube 9**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.7019b	ppb	0.2952	42.1	-41.9370
Al 308.215	8.1363b	ppb	0.4680	5.8	332.335
As 188.980	0.1953b	ppb	2.5355	1298.1	-0.5874
B 249.678	14.9016b	ppb	1.2032	8.1	188.605
Ba 389.178	135.455b	ppb	1.8998	1.4	1881.49
Be 313.042	0.0361b	ppb	0.0065	18.0	-62.5454
Ca 370.602	8555b	ppb	110.9	1.3	27732
Cd 226.502	0.1781b	ppb	0.0701	39.4	16.0297
Co 228.615	11.0382b	ppb	0.0599	0.5	63.8919
Cr 267.716	0.4194b	ppb	0.4325	103.1	14.7811
Cu 324.754	0.2912b	ppb	0.1295	44.5	46.5020
Fe 271.441	-0.6190b	ppb	5.6406	911.2	-14.2011
K 766.491	1973.47b	ppb	20.5966	1.0	220726
Mg 279.078	1690.56b	ppb	20.7820	1.2	1731.77
Mn 257.610	341.122b	ppb	4.2102	1.2	28874.6
Mo 202.032	-0.0313b	ppb	0.6480	2069.1	1.9634
Na 330.237	-xb	ppb	617.198	0.4	8170.40
Ni 231.604	2.8329b	ppb	0.9055	32.0	7.4633
Pb 220.353	-2.4332b	ppb	2.3039	94.7	0.8120

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-4.7530b	ppb	1.7765	37.4	2.1964
Se 196.026	6.6459b	ppb	6.2773	94.5	4.0535
Sn 189.925	-4.1522b	ppb	0.9991	24.1	-6.2030
Sr 216.596	37.7869b	ppb	1.2897	3.4	189.932
Ti 334.941	0.0853b	ppb	0.0143	16.8	-42.9177
Tl 190.794	-1.4861b	ppb	5.3800	362.0	-4.5600
V 292.401	-0.0914b	ppb	0.2580	282.3	6.0238
Zn 206.200	5.3129b	ppb	0.6364	12.0	13.7235

680-87478-A-1-D (Samp) **2/20/2013, 12:46:38 PM** **Rack 1, Tube 10**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4265b	ppb	0.2777	65.1	-35.7034
Al 308.215	4.9467b	ppb	2.3719	47.9	321.632
As 188.980	-2.8209b	ppb	5.2500	186.1	-1.5320
B 249.678	83.1414b	ppb	1.6995	2.0	683.842
Ba 389.178	28.6973b	ppb	0.9005	3.1	375.508
Be 313.042	0.0179b	ppb	0.0044	24.4	-73.8113
Ca 370.602	52840b	ppb	612.6	1.2	171627
Cd 226.502	0.0204b	ppb	0.3278	1603.7	12.8890
Co 228.615	0.4837b	ppb	0.3872	80.1	-10.3446
Cr 267.716	0.0126b	ppb	0.4477	3552.3	8.9950
Cu 324.754	0.6227b	ppb	0.4328	69.5	-29.5716
Fe 271.441	-16.9532b	ppb	7.9815	47.1	-24.7348
K 766.491	1229.42b	ppb	12.1871	1.0	138376
Mg 279.078	2500.33b	ppb	21.8548	0.9	2549.55
Mn 257.610	72.8694b	ppb	0.8502	1.2	6170.73
Mo 202.032	0.3661b	ppb	0.4686	128.0	3.1213
Na 330.237	-xb	ppb	1531.50	1.1	8171.38
Ni 231.604	-1.0227b	ppb	0.5707	55.8	-1.8434
Pb 220.353	-3.6648b	ppb	5.5987	152.8	-0.0774
Sb 206.834	-4.1783b	ppb	3.4383	82.3	2.7926
Se 196.026	1.6897b	ppb	11.1662	660.8	2.8863
Sn 189.925	-5.9812b	ppb	1.4190	23.7	-7.2378
Sr 216.596	72.0724b	ppb	0.9203	1.3	367.307
Ti 334.941	0.0109b	ppb	0.0550	503.5	-17.0686
Tl 190.794	-9.1267b	ppb	8.4001	92.0	-7.9660
V 292.401	4.4984b	ppb	0.2233	5.0	116.342
Zn 206.200	2.5998b	ppb	0.2397	9.2	6.9829

680-87478-A-2-D (Samp) **2/20/2013, 12:52:47 PM** **Rack 1, Tube 11**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.5207b	ppb	0.5747	110.4	-36.6415
Al 308.215	5.2746b	ppb	0.7107	13.5	322.502
As 188.980	2.9997b	ppb	2.5001	83.3	0.2932
B 249.678	24.7614b	ppb	1.6223	6.6	260.035
Ba 389.178	57.7175b	ppb	2.5167	4.4	784.709
Be 313.042	0.0248b	ppb	0.0080	32.1	-70.7562
Ca 370.602	32306b	ppb	1205	3.7	104911
Cd 226.502	-0.0434b	ppb	0.0559	128.9	11.7133

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	1.1632b	ppb	0.6252	53.7	-5.5586
Cr 267.716	-0.1815b	ppb	0.3720	204.9	6.7494
Cu 324.754	0.9672b	ppb	0.5068	52.4	18.3506
Fe 271.441	-9.2405b	ppb	7.4000	80.1	-19.9334
K 766.491	673.500b	ppb	22.2761	3.3	76823.7
Mg 279.078	2175.21b	ppb	83.9756	3.9	2220.74
Mn 257.610	488.630b	ppb	18.5524	3.8	41359.7
Mo 202.032	0.1959b	ppb	0.5589	285.3	2.6289
Na 330.237	-xb	ppb	5710.90	4.3	7427.48
Ni 231.604	0.6332b	ppb	1.0233	161.6	2.1562
Pb 220.353	-3.3189b	ppb	3.0796	92.8	0.1724
Sb 206.834	-1.5342b	ppb	5.7676	375.9	3.9648
Se 196.026	-7.8341b	ppb	4.2503	54.3	0.7872
Sn 189.925	-2.0275b	ppb	0.3957	19.5	-5.2297
Sr 216.596	47.1471b	ppb	1.9781	4.2	238.802
Ti 334.941	0.0040b	ppb	0.0134	335.6	-35.5439
Tl 190.794	-7.0496b	ppb	3.4660	49.2	-6.9777
V 292.401	0.1446b	ppb	0.2192	151.6	11.3454
Zn 206.200	1.8871b	ppb	0.6963	36.9	5.1981

680-87478-A-3-D (Samp) **2/20/2013, 12:58:57 PM** **Rack 1, Tube 12**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4729b	ppb	0.5445	115.1	-36.5427
Al 308.215	18.5945b	ppb	1.2011	6.5	368.457
As 188.980	1.7375b	ppb	3.1369	180.5	-0.1029
B 249.678	31.4304b	ppb	0.6166	2.0	308.424
Ba 389.178	43.6895b	ppb	1.0436	2.4	588.380
Be 313.042	0.0238b	ppb	0.0090	37.7	-72.8637
Ca 370.602	34204b	ppb	195.8	0.6	111072
Cd 226.502	0.0989b	ppb	0.2475	250.2	14.4645
Co 228.615	0.2775b	ppb	0.1865	67.2	-11.7857
Cr 267.716	-0.1210b	ppb	0.4517	373.2	7.3131
Cu 324.754	0.6141b	ppb	0.5416	88.2	5.8605
Fe 271.441	-4.1380b	ppb	7.5288	181.9	-16.7990
K 766.491	1065.15b	ppb	4.8547	0.5	120186
Mg 279.078	3258.70b	ppb	15.0264	0.5	3314.74
Mn 257.610	176.736b	ppb	1.2328	0.7	14962.1
Mo 202.032	0.6443b	ppb	0.9897	153.6	3.9398
Na 330.237	-xb	ppb	597.540	0.4	8191.41
Ni 231.604	0.9744b	ppb	0.7866	80.7	3.0193
Pb 220.353	-2.6643b	ppb	1.2139	45.6	0.6443
Sb 206.834	-3.2113b	ppb	0.2729	8.5	3.1468
Se 196.026	4.2732b	ppb	9.4376	220.9	3.4890
Sn 189.925	-6.7002b	ppb	3.1135	46.5	-7.5362
Sr 216.596	58.0014b	ppb	0.5446	0.9	294.473
Ti 334.941	0.1286b	ppb	0.0824	64.0	-13.1579
Tl 190.794	-5.4770b	ppb	1.0626	19.4	-6.3697
V 292.401	-0.1495b	ppb	0.1913	128.0	4.7469
Zn 206.200	2.2625b	ppb	0.3979	17.6	6.1634

Cont Calib Verif (CCV) **2/20/2013, 1:05:05 PM** **Rack 1, Tube 13**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	501.561	ppb	5.4434	1.1	13149.8	100.31227
Al 308.215	5035.21	ppb	50.8540	1.0	18000.0	100.70422
As 188.980	508.373	ppb	5.0337	1.0	159.416	101.67468
B 249.678	2474.55	ppb	22.9733	0.9	18039.6	98.98209
Ba 389.178	5102.09	ppb	43.8691	0.9	72037.6	102.04182
Be 313.042	505.619	ppb	5.0482	1.0	679077	101.12389
Ca 370.602	5346	ppb	47.36	0.9	16732	106.92690
Cd 226.502	507.296	ppb	4.5786	0.9	9922.89	101.45912
Co 228.615	505.840	ppb	5.1126	1.0	3543.35	101.16797
Cr 267.716	5100.26	ppb	46.4369	0.9	68939.3	102.00528
Cu 324.754	5036.52	ppb	39.3526	0.8	127463	100.73043
Fe 271.441	5052.93	ppb	49.0187	1.0	3185.47	101.05866
K 766.491	10110.1	ppb	68.3629	0.7	1120374	101.10089
Mg 279.078	5013.48	ppb	47.5860	0.9	5063.26	100.26968
Mn 257.610	5236.65	ppb	48.7534	0.9	443232	104.73296
Mo 202.032	521.239	ppb	4.2657	0.8	1517.02	104.24774
Na 330.237	7472.44	ppb	49.4401	0.7	421.061	99.63250
Ni 231.604	2562.23	ppb	20.7379	0.8	6204.37	102.48907
Pb 220.353	498.654	ppb	8.6318	1.7	357.958	99.73087
Sb 206.834	502.343	ppb	0.2861	0.1	281.765	100.46854
Se 196.026	5188.78	ppb	46.6342	0.9	1182.04	103.77561
Sn 189.925	4990.29	ppb	49.0196	1.0	2456.08	99.80582
Sr 216.596	2455.26	ppb	22.9978	0.9	12486.0	98.21037
Ti 334.941	509.731	ppb	4.9214	1.0	87399.3	101.94618
Tl 190.794	5202.85	ppb	45.5262	0.9	2069.59	104.05710
V 292.401	5013.38	ppb	45.3646	0.9	119847	100.26765
Zn 206.200	2554.13	ppb	26.8811	1.1	6352.04	102.16503

Cont Calib Blank (CCB) **2/20/2013, 1:11:11 PM** **Rack 1, Tube 14**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.1728	ppb	0.7718	446.7	-29.2729	-0.17276
Al 308.215	-1.1918	ppb	3.0879	259.1	300.182	-1.19175
As 188.980	3.4581	ppb	2.4040	69.5	0.4367	3.45809
B 249.678	9.7375	ppb	1.2354	12.7	150.930	9.73754
Ba 389.178	-0.3384	ppb	0.1640	48.5	-38.3974	-0.33838
Be 313.042	0.0105	ppb	0.0125	118.8	-87.0764	0.01051
Ca 370.602	-0.8386	ppb	4.305	513.4	-78.82	-0.83858
Cd 226.502	0.0087	ppb	0.0775	889.3	13.1212	0.00872
Co 228.615	0.2840	ppb	0.2122	74.7	-11.7716	0.28396
Cr 267.716	0.1018	ppb	0.4302	422.8	9.4333	0.10177
Cu 324.754	0.1610	ppb	0.3670	227.9	59.4334	0.16105
Fe 271.441	-5.4212	ppb	5.3899	99.4	-17.5815	-5.42123
K 766.491	-0.5539	ppb	0.4551	82.2	2212.73	-0.55387
Mg 279.078	-6.9046	ppb	3.9834	57.7	19.0846	-6.90457
Mn 257.610	0.0870	ppb	0.0734	84.3	9.3333	0.08703
Mo 202.032	0.8820	ppb	0.1416	16.1	4.6323	0.88198
Na 330.237	73.3180	ppb	149.210	203.5	7.4076	73.31804
Ni 231.604	0.3516	ppb	0.8074	229.6	1.4127	0.35160
Pb 220.353	-2.7162	ppb	2.8421	104.6	0.6081	-2.71622

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sb 206.834	-4.6726	ppb	2.6379	56.5	2.1591	-4.67257
Se 196.026	0.2731	ppb	6.1625	2256.9	2.5521	0.27305
Sn 189.925	0.0967	ppb	1.9599	2027.3	-4.1120	0.09668
Sr 216.596	-0.0936	ppb	0.5871	627.5	-4.4031	-0.09355
Ti 334.941	0.0583	ppb	0.0572	98.1	-48.3857	0.05831
Tl 190.794	1.9045	ppb	2.8598	150.2	-3.1581	1.90453
V 292.401	-0.0485	ppb	0.2527	521.0	8.3318	-0.04850
Zn 206.200	-0.4076	ppb	0.4267	104.7	-0.5827	-0.40762

680-87478-A-4-D (Samp) **2/20/2013, 1:17:18 PM** **Rack 1, Tube 15**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0087b	ppb	0.1562	1787.7	-23.9187
Al 308.215	8.2704b	ppb	1.4989	18.1	332.857
As 188.980	-3.9457b	ppb	1.7619	44.7	-1.8858
B 249.678	29.4573b	ppb	1.2549	4.3	294.103
Ba 389.178	99.3253b	ppb	0.1811	0.2	1375.15
Be 313.042	0.0353b	ppb	0.0035	10.0	-55.7892
Ca 370.602	41418b	ppb	277.1	0.7	134514
Cd 226.502	0.1081b	ppb	0.1315	121.7	14.6407
Co 228.615	0.2946b	ppb	0.3706	125.8	-11.6365
Cr 267.716	-0.2235b	ppb	0.7081	316.8	5.9339
Cu 324.754	1.4195b	ppb	0.1027	7.2	12.5105
Fe 271.441	-8.0159b	ppb	3.0709	38.3	-19.2068
K 766.491	854.992b	ppb	5.7033	0.7	96906.9
Mg 279.078	4053.15b	ppb	32.6993	0.8	4116.57
Mn 257.610	171.385b	ppb	1.0072	0.6	14509.6
Mo 202.032	0.2356b	ppb	0.5668	240.6	2.7440
Na 330.237	-xb	ppb	1155.45	0.8	8375.51
Ni 231.604	0.4423b	ppb	1.2934	292.4	1.7554
Pb 220.353	-1.0733b	ppb	3.0051	280.0	1.7954
Sb 206.834	-0.8380b	ppb	1.8890	225.4	4.3842
Se 196.026	0.5967b	ppb	2.4528	411.1	2.6529
Sn 189.925	-4.4502b	ppb	2.2091	49.6	-6.4481
Sr 216.596	83.6616b	ppb	0.4777	0.6	426.226
Ti 334.941	0.0425b	ppb	0.0068	16.0	-21.7346
Tl 190.794	-4.5411b	ppb	6.5178	143.5	-6.0551
V 292.401	0.5197b	ppb	0.0979	18.8	20.8182
Zn 206.200	1.7667b	ppb	0.7658	43.3	4.9490

680-87478-A-5-D (Samp) **2/20/2013, 1:23:25 PM** **Rack 1, Tube 16**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1724b	ppb	0.2696	156.3	-29.1110
Al 308.215	4.2222b	ppb	0.8890	21.1	318.859
As 188.980	1.8808b	ppb	3.1537	167.7	-0.0577
B 249.678	32.1775b	ppb	0.4063	1.3	313.859
Ba 389.178	68.8487b	ppb	0.7658	1.1	942.998
Be 313.042	0.0245b	ppb	0.0055	22.4	-71.0627
Ca 370.602	37319b	ppb	330.3	0.9	121190
Cd 226.502	-0.0121b	ppb	0.0838	690.9	12.2921

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	0.3340b	ppb	0.5117	153.2	-11.3737
Cr 267.716	-0.1640b	ppb	0.2431	148.2	6.6006
Cu 324.754	0.8528b	ppb	0.7939	93.1	5.9350
Fe 271.441	-7.8871b	ppb	8.0421	102.0	-19.1236
K 766.491	1743.03b	ppb	13.9444	0.8	195228
Mg 279.078	2885.42b	ppb	23.5574	0.8	2938.20
Mn 257.610	51.2504b	ppb	0.4328	0.8	4341.06
Mo 202.032	0.6681b	ppb	0.7101	106.3	4.0089
Na 330.237	-xb	ppb	2618.81	1.8	8171.46
Ni 231.604	-0.0080b	ppb	0.1690	2110.5	0.6284
Pb 220.353	-3.0843b	ppb	3.9575	128.3	0.3425
Sb 206.834	-5.9403b	ppb	0.3186	5.4	1.7934
Se 196.026	5.9648b	ppb	1.6641	27.9	3.8537
Sn 189.925	-0.4586b	ppb	1.1380	248.1	-4.4687
Sr 216.596	84.4838b	ppb	1.0025	1.2	430.306
Ti 334.941	0.0236b	ppb	0.0425	180.3	-28.4062
Tl 190.794	-3.0529b	ppb	1.3563	44.4	-5.4300
V 292.401	0.1395b	ppb	0.2679	192.0	11.9496
Zn 206.200	4.7660b	ppb	0.6752	14.2	12.3938

LB 680-266399/2-D (Samp) **2/20/2013, 1:29:32 PM** **Rack 1, Tube 17**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.8942b	ppb	0.5877	65.7	-48.2267
Al 308.215	2.3112b	ppb	2.3994	103.8	312.247
As 188.980	3.6394b	ppb	2.9954	82.3	0.4936
B 249.678	51.4501b	ppb	2.1178	4.1	453.722
Ba 389.178	1.1760b	ppb	0.2357	20.0	-16.8602
Be 313.042	0.0187b	ppb	0.0099	52.7	-86.4361
Ca 370.602	569.1b	ppb	25.11	4.4	1773
Cd 226.502	0.1718b	ppb	0.1492	86.8	15.9381
Co 228.615	0.1109b	ppb	0.2244	202.4	-12.9791
Cr 267.716	0.4474b	ppb	0.2131	47.6	14.7412
Cu 324.754	0.3723b	ppb	0.3380	90.8	63.6953
Fe 271.441	-3.1900b	ppb	8.4481	264.8	-16.2142
K 766.491	116.766b	ppb	4.6082	3.9	15200.8
Mg 279.078	97.6303b	ppb	9.0024	9.2	124.585
Mn 257.610	0.1768b	ppb	0.0690	39.1	16.7307
Mo 202.032	0.5883b	ppb	0.6977	118.6	3.7742
Na 330.237	-xb	ppb	4986.95	3.8	7385.26
Ni 231.604	-0.3732b	ppb	0.3725	99.8	-0.3392
Pb 220.353	-5.5664b	ppb	1.6278	29.2	-1.4517
Sb 206.834	-3.8256b	ppb	3.4837	91.1	2.5907
Se 196.026	2.9519b	ppb	5.4026	183.0	3.1607
Sn 189.925	-0.3298b	ppb	0.8413	255.1	-4.2974
Sr 216.596	0.6527b	ppb	0.4707	72.1	-0.5248
Ti 334.941	0.0430b	ppb	0.0326	75.8	-56.5109
Tl 190.794	-0.2082b	ppb	3.0328	1456.8	-4.0032
V 292.401	-0.1597b	ppb	0.0555	34.7	4.8971
Zn 206.200	2.6590b	ppb	0.4702	17.7	7.0638

680-87490-B-1-H (Samp) **2/20/2013, 1:35:40 PM** **Rack 1, Tube 18**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1435b	ppb	0.3169	220.8	-28.7019
Al 308.215	359.099b	ppb	12.9976	3.6	1543.63
As 188.980	10.3319b	ppb	0.4520	4.4	2.5626
B 249.678	21.0681b	ppb	0.2754	1.3	231.684
Ba 389.178	129.486b	ppb	3.7260	2.9	1796.08
Be 313.042	0.0941b	ppb	0.0054	5.7	-29.5320
Ca 370.602	1335b	ppb	33.88	2.5	4086
Cd 226.502	-0.0362b	ppb	0.0989	273.4	13.0554
Co 228.615	0.2562b	ppb	1.1212	437.6	-11.5290
Cr 267.716	5.2336b	ppb	0.2712	5.2	80.8814
Cu 324.754	21.9196b	ppb	0.3420	1.6	607.870
Fe 271.441	1114.22b	ppb	35.7091	3.2	680.012
K 766.491	-oxb	ppb	8550.23	2.3	41145248
Mg 279.078	257.388b	ppb	14.7178	5.7	282.515
Mn 257.610	17.2462b	ppb	0.4738	2.7	1461.60
Mo 202.032	2.0009b	ppb	0.6713	33.5	7.7812
Na 330.237	-xb	ppb	14690.9	2.8	29870.9
Ni 231.604	3.2357b	ppb	0.6076	18.8	8.4518
Pb 220.353	1.3099b	ppb	2.0106	153.5	3.4678
Sb 206.834	1.2739b	ppb	5.5741	437.6	5.1768
Se 196.026	5.2109b	ppb	2.4587	47.2	3.6474
Sn 189.925	3.9090b	ppb	3.4336	87.8	-2.1259
Sr 216.596	9.0528b	ppb	0.2392	2.6	42.7559
Ti 334.941	17.3138b	ppb	0.4194	2.4	2880.70
Tl 190.794	-5.1873b	ppb	5.9039	113.8	-6.0324
V 292.401	0.6557b	ppb	0.1554	23.7	21.5745
Zn 206.200	41.2059b	ppb	0.9028	2.2	103.169

LB 680-266145/3-E (Samp) **2/20/2013, 1:41:48 PM** **Rack 1, Tube 19**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0289b	ppb	0.4782	1652.9	-25.5046
Al 308.215	3.5623b	ppb	2.6636	74.8	316.554
As 188.980	0.7493b	ppb	6.9832	932.0	-0.4134
B 249.678	42.3892b	ppb	2.4178	5.7	387.935
Ba 389.178	0.4726b	ppb	0.7764	164.3	-26.8148
Be 313.042	0.0270b	ppb	0.0043	15.8	-75.3458
Ca 370.602	420.5b	ppb	15.32	3.6	1289
Cd 226.502	-0.0076b	ppb	0.0454	595.0	12.4534
Co 228.615	-0.1210b	ppb	0.6320	522.2	-14.6086
Cr 267.716	0.3149b	ppb	0.2194	69.7	12.9428
Cu 324.754	7.8647b	ppb	0.9124	11.6	253.603
Fe 271.441	5.5879b	ppb	4.5647	81.7	-10.7454
K 766.491	103.962b	ppb	7.2174	6.9	13783.4
Mg 279.078	80.7283b	ppb	3.6662	4.5	107.504
Mn 257.610	0.1090b	ppb	0.0536	49.2	10.9867
Mo 202.032	0.5485b	ppb	0.3272	59.7	3.6570
Na 330.237	-xb	ppb	4805.34	3.7	7348.63
Ni 231.604	0.5839b	ppb	0.4840	82.9	1.9768
Pb 220.353	-2.8575b	ppb	1.9140	67.0	0.5061

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-3.6220b	ppb	1.7762	49.0	2.6812
Se 196.026	-3.9458b	ppb	3.8562	97.7	1.5934
Sn 189.925	5.6627b	ppb	1.2638	22.3	-1.3429
Sr 216.596	0.1588b	ppb	0.4243	267.3	-3.0932
Ti 334.941	0.0168b	ppb	0.0162	96.0	-61.0927
Tl 190.794	-4.0362b	ppb	2.2412	55.5	-5.5243
V 292.401	-0.2501b	ppb	0.1514	60.5	2.7600
Zn 206.200	2.4554b	ppb	0.2175	8.9	6.5557

680-87298-C-1-I (Samp) **2/20/2013, 1:47:55 PM** **Rack 1, Tube 20**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	175.845	ppb	5.8919	3.4	4594.35
Al 308.215	17.9373	ppb	5.5456	30.9	366.163
As 188.980	-0.7248	ppb	9.8261	1355.7	-0.8767
B 249.678	432.017	ppb	11.7558	2.7	3216.29
Ba 389.178	0.4028	ppb	0.4287	106.4	-26.9625
Be 313.042	-0.0007	ppb	0.0035	520.0	-103.270
Ca 370.602	1055	ppb	24.10	2.3	3345
Cd 226.502	-0.0365	ppb	0.0060	16.3	12.2780
Co 228.615	0.5949	ppb	0.6368	107.1	-9.5728
Cr 267.716	0.3972	ppb	0.1374	34.6	13.4742
Cu 324.754	8.1831	ppb	0.2693	3.3	260.491
Fe 271.441	23.9555	ppb	2.7201	11.4	0.7228
K 766.491	10697.0	ppb	247.121	2.3	1186536
Mg 279.078	595.344	ppb	21.1628	3.6	626.816
Mn 257.610	0.2083	ppb	0.0248	11.9	19.8988
Mo 202.032	0.7065	ppb	0.6446	91.2	4.1162
Na 330.237	12699.1	ppb	169.976	1.3	715.078
Ni 231.604	0.7335	ppb	0.6186	84.3	2.3568
Pb 220.353	-2.3968	ppb	3.6971	154.3	0.8375
Sb 206.834	-0.6626	ppb	2.8425	429.0	4.1625
Se 196.026	-2.4136	ppb	3.5388	146.6	1.9409
Sn 189.925	5.6666	ppb	2.3159	40.9	-1.3668
Sr 216.596	10.1609	ppb	0.6939	6.8	48.1799
Ti 334.941	-0.0093	ppb	0.0742	800.8	-59.5878
Tl 190.794	-1.0264	ppb	6.2215	606.1	-4.3331
V 292.401	-0.3168	ppb	0.0780	24.6	1.9735
Zn 206.200	11.0024	ppb	0.2387	2.2	27.8777

680-87298-C-1-Isd^5 (Samp) **2/20/2013, 1:54:04 PM** **Rack 1, Tube 21**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	34.3371	ppb	0.6129	1.8	877.231
Al 308.215	5.3980	ppb	3.0306	56.1	322.906
As 188.980	1.6279	ppb	2.6933	165.4	-0.1379
B 249.678	85.6192	ppb	1.9037	2.2	701.748
Ba 389.178	0.1042	ppb	0.5630	540.3	-31.9566
Be 313.042	-0.0091	ppb	0.0051	56.6	-113.434
Ca 370.602	210.7	ppb	2.711	1.3	606.8
Cd 226.502	0.1242	ppb	0.1224	98.5	15.3935

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	-0.0557	ppb	0.3606	647.9	-14.1522
Cr 267.716	-0.0907	ppb	0.0570	62.8	6.8367
Cu 324.754	2.0372	ppb	0.2960	14.5	106.516
Fe 271.441	11.8233	ppb	2.8518	24.1	-6.8564
K 766.491	2249.49	ppb	49.2345	2.2	251315
Mg 279.078	115.993	ppb	4.9170	4.2	143.087
Mn 257.610	0.0617	ppb	0.0455	73.7	7.2483
Mo 202.032	-0.1235	ppb	0.8557	692.9	1.6925
Na 330.237	2537.54	ppb	160.404	6.3	145.527
Ni 231.604	0.1185	ppb	0.4777	403.2	0.8523
Pb 220.353	-0.1186	ppb	3.2292	2723.4	2.4859
Sb 206.834	-3.2649	ppb	2.2038	67.5	2.8395
Se 196.026	-5.0164	ppb	5.8970	117.6	1.3501
Sn 189.925	8.1444	ppb	2.4810	30.5	-0.1448
Sr 216.596	1.5522	ppb	0.3105	20.0	4.0570
Ti 334.941	-0.0293	ppb	0.0411	140.2	-63.3095
Tl 190.794	-3.1744	ppb	1.9505	61.4	-5.1799
V 292.401	-0.0240	ppb	0.2389	994.2	9.0557
Zn 206.200	2.5019	ppb	0.6694	26.8	6.6746

680-87298-C-1-IPDS (Samp) **2/20/2013, 2:00:12 PM** **Rack 1, Tube 22**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	217.845	ppb	5.9425	2.7	5696.98
Al 308.215	1990.26	ppb	21.6446	1.1	7218.43
As 188.980	2197.20	ppb	15.7232	0.7	688.671
B 249.678	1397.14	ppb	15.8657	1.1	10225.4
Ba 389.178	2056.64	ppb	19.4458	0.9	29017.1
Be 313.042	51.9109	ppb	0.4418	0.9	69585.5
Ca 370.602	6010	ppb	52.20	0.9	19397
Cd 226.502	51.0719	ppb	0.6680	1.3	1011.88
Co 228.615	513.846	ppb	1.0866	0.2	3602.97
Cr 267.716	205.008	ppb	2.0021	1.0	2777.83
Cu 324.754	259.187	ppb	5.6816	2.2	6598.31
Fe 271.441	1063.98	ppb	13.1805	1.2	672.562
K 766.491	15254.8	ppb	106.157	0.7	1690648
Mg 279.078	5632.92	ppb	25.9745	0.5	5707.21
Mn 257.610	529.805	ppb	4.3260	0.8	44856.7
Mo 202.032	540.950	ppb	6.6007	1.2	1582.13
Na 330.237	17080.1	ppb	120.560	0.7	954.734
Ni 231.604	515.735	ppb	2.9628	0.6	1249.66
Pb 220.353	503.612	ppb	7.7596	1.5	365.479
Sb 206.834	509.317	ppb	1.7428	0.3	257.036
Se 196.026	2126.90	ppb	16.3586	0.8	485.764
Sn 189.925	1014.91	ppb	3.5966	0.4	496.366
Sr 216.596	524.248	ppb	4.5647	0.9	2658.39
Ti 334.941	1026.13	ppb	8.3200	0.8	175497
Tl 190.794	2169.33	ppb	33.7188	1.6	859.793
V 292.401	512.807	ppb	4.1633	0.8	12195.4
Zn 206.200	514.072	ppb	3.9545	0.8	1281.50

680-87298-C-1-J MS (Samp) **2/20/2013, 2:06:21 PM** **Rack 1, Tube 23**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	553.154	ppb	21.4827	3.9	14507.2
Al 308.215	926.111	ppb	31.2237	3.4	3507.68
As 188.980	102.429	ppb	5.6638	5.5	31.2583
B 249.678	563.601	ppb	15.4471	2.7	4156.58
Ba 389.178	87.5001	ppb	3.0649	3.5	1226.79
Be 313.042	92.9934	ppb	2.9037	3.1	124381
Ca 370.602	9936	ppb	276.5	2.8	30804
Cd 226.502	91.7305	ppb	2.6675	2.9	1821.49
Co 228.615	91.1337	ppb	3.5551	3.9	626.535
Cr 267.716	91.8814	ppb	2.3604	2.6	1246.64
Cu 324.754	101.178	ppb	5.1956	5.1	2600.14
Fe 271.441	9156.23	ppb	285.412	3.1	5694.83
K 766.491	18218.2	ppb	419.632	2.3	2019183
Mg 279.078	9537.71	ppb	281.006	2.9	9624.10
Mn 257.610	955.504	ppb	28.8665	3.0	80885.2
Mo 202.032	96.4085	ppb	3.6567	3.8	282.673
Na 330.237	19772.3	ppb	591.936	3.0	1108.39
Ni 231.604	93.7068	ppb	3.3642	3.6	228.060
Pb 220.353	89.2458	ppb	3.6058	4.0	66.7024
Sb 206.834	85.1826	ppb	6.2998	7.4	47.9798
Se 196.026	89.9590	ppb	6.3386	7.0	22.8405
Sn 189.925	93.1916	ppb	2.2561	2.4	41.7765
Sr 216.596	100.683	ppb	2.9666	2.9	510.812
Ti 334.941	93.2231	ppb	2.8868	3.1	15902.1
Tl 190.794	14.2119	ppb	3.3871	23.8	1.4260
V 292.401	92.6689	ppb	2.6394	2.8	2208.50
Zn 206.200	100.100	ppb	1.8758	1.9	250.130

680-87298-C-1-K MSD (Samp) **2/20/2013, 2:12:31 PM** **Rack 1, Tube 24**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	593.133	ppb	19.6681	3.3	15557.4
Al 308.215	940.764	ppb	29.7385	3.2	3558.40
As 188.980	97.1684	ppb	2.6845	2.8	29.6038
B 249.678	555.670	ppb	15.9781	2.9	4098.73
Ba 389.178	88.6142	ppb	2.9749	3.4	1242.92
Be 313.042	94.7640	ppb	2.8513	3.0	126751
Ca 370.602	10070	ppb	291.9	2.9	31212
Cd 226.502	93.4917	ppb	2.8186	3.0	1856.20
Co 228.615	92.1672	ppb	3.7705	4.1	633.783
Cr 267.716	93.4680	ppb	3.0276	3.2	1268.02
Cu 324.754	103.709	ppb	3.5044	3.4	2663.98
Fe 271.441	9320.82	ppb	289.346	3.1	5797.46
K 766.491	18108.0	ppb	432.875	2.4	2006987
Mg 279.078	9678.74	ppb	292.011	3.0	9765.93
Mn 257.610	972.437	ppb	28.4314	2.9	82318.5
Mo 202.032	99.4519	ppb	2.6723	2.7	291.546
Na 330.237	19431.5	ppb	434.651	2.2	1089.23
Ni 231.604	95.3887	ppb	3.5764	3.7	232.145
Pb 220.353	89.9286	ppb	7.6712	8.5	67.1883

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	88.7453	ppb	2.0684	2.3	49.7691
Se 196.026	95.2225	ppb	8.5402	9.0	24.0347
Sn 189.925	96.6330	ppb	3.7389	3.9	43.4729
Sr 216.596	101.535	ppb	3.4533	3.4	515.138
Ti 334.941	95.1583	ppb	2.9825	3.1	16233.3
Tl 190.794	20.4796	ppb	2.4891	12.2	3.9122
V 292.401	94.3001	ppb	3.1304	3.3	2247.03
Zn 206.200	100.132	ppb	3.4915	3.5	250.213

Cont Calib Verif (CCV) **2/20/2013, 2:18:38 PM** **Rack 1, Tube 25**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	494.366	ppb	2.0214	0.4	12960.8	98.87318
Al 308.215	4922.66	ppb	21.2795	0.4	17605.9	98.45313
As 188.980	489.522	ppb	9.3161	1.9	153.489	97.90443
B 249.678	2426.35	ppb	7.3440	0.3	17689.8	97.05405
Ba 389.178	4992.09	ppb	17.6554	0.4	70483.8	99.84180
Be 313.042	496.296	ppb	1.4071	0.3	666555	99.25912
Ca 370.602	5045	ppb	14.83	0.3	15764	100.89202
Cd 226.502	495.788	ppb	1.6449	0.3	9698.10	99.15764
Co 228.615	494.100	ppb	1.2372	0.3	3460.83	98.82005
Cr 267.716	4959.87	ppb	23.3615	0.5	67041.6	99.19748
Cu 324.754	4899.89	ppb	33.6483	0.7	124007	97.99787
Fe 271.441	4939.72	ppb	12.9683	0.3	3114.01	98.79437
K 766.491	9939.17	ppb	18.4905	0.2	1101477	99.39174
Mg 279.078	4932.42	ppb	10.7245	0.2	4981.94	98.64840
Mn 257.610	5127.37	ppb	14.7260	0.3	433983	102.54733
Mo 202.032	511.605	ppb	1.7408	0.3	1489.01	102.32105
Na 330.237	7264.93	ppb	27.0062	0.4	409.448	96.86572
Ni 231.604	2506.21	ppb	11.4679	0.5	6068.72	100.24826
Pb 220.353	487.124	ppb	2.9519	0.6	349.739	97.42486
Sb 206.834	497.487	ppb	3.8893	0.8	278.705	99.49747
Se 196.026	5086.52	ppb	16.9635	0.3	1158.79	101.73030
Sn 189.925	4854.39	ppb	31.3272	0.6	2389.08	97.08775
Sr 216.596	2395.45	ppb	9.8980	0.4	12181.5	95.81814
Ti 334.941	499.520	ppb	1.9731	0.4	85646.5	99.90392
Tl 190.794	5112.22	ppb	8.9254	0.2	2033.47	102.24449
V 292.401	4929.74	ppb	14.0742	0.3	117850	98.59473
Zn 206.200	2500.76	ppb	4.5366	0.2	6219.35	100.03032

Cont Calib Blank (CCB) **2/20/2013, 2:24:45 PM** **Rack 1, Tube 26**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.2962	ppb	0.1890	63.8	-32.5160	-0.29617
Al 308.215	-3.6071	ppb	2.7734	76.9	291.832	-3.60706
As 188.980	-2.8676	ppb	4.6979	163.8	-1.5479	-2.86765
B 249.678	12.6710	ppb	1.5762	12.4	172.220	12.67095
Ba 389.178	0.5299	ppb	0.1538	29.0	-26.1436	0.52988
Be 313.042	-0.0040	ppb	0.0071	177.5	-106.493	-0.00400
Ca 370.602	-2.052	ppb	3.501	170.6	-83.31	-2.05198
Cd 226.502	-0.0011	ppb	0.1228	11043.3	12.9364	-0.00111

F02202013.wvq. All Data Report 2/22/2013, 10:38:18 AM

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Co 228.615	0.6746	ppb	0.4088	60.6	-9.0231	0.67463
Cr 267.716	0.3426	ppb	0.4544	132.6	12.6879	0.34260
Cu 324.754	0.2940	ppb	0.4336	147.5	62.8011	0.29405
Fe 271.441	-1.1699	ppb	10.1607	868.5	-14.9349	-1.16988
K 766.491	-0.8842	ppb	0.7182	81.2	2176.02	-0.88422
Mg 279.078	-6.4709	ppb	5.2290	80.8	19.5121	-6.47086
Mn 257.610	0.0891	ppb	0.0483	54.2	9.5081	0.08908
Mo 202.032	0.8805	ppb	0.3790	43.0	4.6277	0.88052
Na 330.237	-12.7175	ppb	62.2959	489.8	2.5845	-12.71747
Ni 231.604	0.3026	ppb	0.5890	194.6	1.2993	0.30261
Pb 220.353	-2.4916	ppb	3.0945	124.2	0.7710	-2.49162
Sb 206.834	2.0449	ppb	4.6357	226.7	5.5004	2.04488
Se 196.026	-6.0345	ppb	5.2985	87.8	1.1190	-6.03449
Sn 189.925	4.7714	ppb	2.2222	46.6	-1.8075	4.77135
Sr 216.596	0.2689	ppb	0.3025	112.5	-2.5370	0.26890
Ti 334.941	0.1011	ppb	0.0110	10.9	-41.0688	0.10107
Tl 190.794	6.6426	ppb	2.8194	42.4	-1.2740	6.64262
V 292.401	-0.0629	ppb	0.1857	295.3	8.0615	-0.06288
Zn 206.200	-0.1047	ppb	0.2758	263.6	0.1723	-0.10465

680-87368-a-1-a (Samp) **2/20/2013, 2:37:04 PM** **Rack 1, Tube 27**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.7638	ppb	0.3759	49.2	-39.6676
Al 308.215	54.9240	ppb	7.2237	13.2	493.891
As 188.980	-2.1694	ppb	1.1998	55.3	-1.3353
B 249.678	37.1219	ppb	1.9578	5.3	349.374
Ba 389.178	36.3019	ppb	1.2415	3.4	509.412
Be 313.042	0.0292	ppb	0.0036	12.2	-49.3231
Ca 370.602	60573	ppb	1949	3.2	196749
Cd 226.502	-0.0530	ppb	0.2034	383.5	12.4351
Co 228.615	2.3282	ppb	0.4800	20.6	2.6301
Cr 267.716	-0.0505	ppb	0.2070	409.9	8.8348
Cu 324.754	6.7436	ppb	0.4443	6.6	111.627
Fe 271.441	225.627	ppb	8.8504	3.9	126.448
K 766.491	1717.45	ppb	47.0110	2.7	192404
Mg 279.078	19090.5	ppb	660.483	3.5	19290.8
Mn 257.610	1443.02	ppb	46.7502	3.2	122147
Mo 202.032	-0.2077	ppb	1.5186	731.1	1.4225
Na 330.237	17221.8	ppb	687.702	4.0	968.507
Ni 231.604	3.4600	ppb	0.4833	14.0	9.5538
Pb 220.353	-5.4878	ppb	1.3844	25.2	-1.4025
Sb 206.834	-7.1179	ppb	2.2844	32.1	1.3536
Se 196.026	-3.9354	ppb	8.0685	205.0	1.8165
Sn 189.925	4.7478	ppb	1.5873	33.4	-1.9977
Sr 216.596	213.636	ppb	6.2904	2.9	1092.81
Ti 334.941	0.7396	ppb	0.0440	5.9	120.655
Tl 190.794	-0.0290	ppb	4.0040	13829.4	-4.4229
V 292.401	1.0850	ppb	0.1951	18.0	33.2633
Zn 206.200	4.1787	ppb	0.4336	10.4	11.3797

680-87381-a-1-a^10 (Samp) **2/20/2013, 2:43:10 PM** **Rack 1, Tube 28**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.4001b	ppb	0.2376	59.4	-16.5653
Al 308.215	3572.57b	ppb	60.3478	1.7	12634.9
As 188.980	-11.3289b	ppb	6.7729	59.8	-4.2929
B 249.678	9.9067b	ppb	0.6716	6.8	146.870
Ba 389.178	981.933b	ppb	15.8008	1.6	13846.5
Be 313.042	0.0349b	ppb	0.0052	14.8	-24.3893
Ca 370.602	146611b	ppb	2321	1.6	475757
Cd 226.502	8.0713b	ppb	0.0238	0.3	178.822
Co 228.615	81.4479b	ppb	2.0654	2.5	565.229
Cr 267.716	136.038b	ppb	2.1897	1.6	1845.90
Cu 324.754	28.6670b	ppb	0.4800	1.7	500.902
Fe 271.441	3890.99b	ppb	56.8439	1.5	2413.09
K 766.491	461.556b	ppb	6.2871	1.4	53144.0
Mg 279.078	7894.73b	ppb	133.387	1.7	7982.60
Mn 257.610	88.2280b	ppb	1.4991	1.7	7481.00
Mo 202.032	2.0850b	ppb	0.7474	35.8	7.7575
Na 330.237	2748.60b	ppb	94.4107	3.4	174.730
Ni 231.604	6.5340b	ppb	0.7943	12.2	16.7895
Pb 220.353	-xb	ppb	617.428	1.6	27541.3
Sb 206.834	3.7511b	ppb	1.9469	51.9	7.8479
Se 196.026	-4.2906b	ppb	1.6925	39.4	1.4287
Sn 189.925	16.1536b	ppb	2.4511	15.2	3.4609
Sr 216.596	195.330b	ppb	3.3549	1.7	1003.25
Ti 334.941	494.519b	ppb	7.9162	1.6	84673.0
Tl 190.794	2.9055b	ppb	5.1058	175.7	-3.7566
V 292.401	3.5761b	ppb	0.0930	2.6	92.4126
Zn 206.200	15392.7b	ppb	250.116	1.6	38372.9

680-87381-a-5-a^10 (Samp) **2/20/2013, 2:49:18 PM** **Rack 1, Tube 29**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	1.4739b	ppb	0.4534	30.8	4.4593
Al 308.215	770.516b	ppb	5.3774	0.7	2966.97
As 188.980	-5.2548b	ppb	4.3152	82.1	-1.9957
B 249.678	13.6880b	ppb	0.4412	3.2	176.100
Ba 389.178	117.099b	ppb	1.5483	1.3	1631.26
Be 313.042	0.0127b	ppb	0.0047	36.8	-60.8882
Ca 370.602	108552b	ppb	913.8	0.8	352185
Cd 226.502	13.0271b	ppb	0.2432	1.9	274.231
Co 228.615	126.824b	ppb	2.8861	2.3	885.432
Cr 267.716	2059.48b	ppb	18.1707	0.9	27852.0
Cu 324.754	34.0463b	ppb	0.1756	0.5	708.760
Fe 271.441	3330.01b	ppb	38.4111	1.2	2062.64
K 766.491	431.655b	ppb	3.4433	0.8	50035.0
Mg 279.078	2852.58b	ppb	25.9397	0.9	2895.37
Mn 257.610	86.4066b	ppb	0.3609	0.4	7324.30
Mo 202.032	1.7612b	ppb	0.1286	7.3	6.8345
Na 330.237	4810.00b	ppb	393.478	8.2	312.007
Ni 231.604	1.9861b	ppb	0.7920	39.9	5.5740
Pb 220.353	-xb	ppb	354.199	0.8	32159.0

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	108.996b	ppb	4.9256	4.5	74.0606
Se 196.026	-5.0038b	ppb	3.3043	66.0	1.2814
Sn 189.925	13.6545b	ppb	4.3855	32.1	2.3549
Sr 216.596	130.363b	ppb	1.3874	1.1	668.920
Ti 334.941	553.644b	ppb	2.7040	0.5	94843.7
Tl 190.794	4.0580b	ppb	5.2565	129.5	-2.8369
V 292.401	12.3769b	ppb	0.0181	0.1	205.160
Zn 206.200	31063.6b	ppb	245.426	0.8	77432.9

680-87381-a-6-a^10 (Samp) **2/20/2013, 2:55:25 PM** **Rack 1, Tube 30**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.6720	ppb	0.2060	30.7	-15.5414
Al 308.215	2321.14	ppb	104.489	4.5	8317.41
As 188.980	-5.1417	ppb	5.7527	111.9	-2.1022
B 249.678	9.4961	ppb	0.3215	3.4	145.597
Ba 389.178	328.068	ppb	14.2253	4.3	4620.13
Be 313.042	0.0152	ppb	0.0180	118.5	-40.7570
Ca 370.602	171104	ppb	7336	4.3	555432
Cd 226.502	5.3421	ppb	0.3735	7.0	124.753
Co 228.615	154.030	ppb	7.3875	4.8	1082.53
Cr 267.716	1387.80	ppb	62.0630	4.5	18771.0
Cu 324.754	10.5246	ppb	0.1469	1.4	-7.4028
Fe 271.441	3657.17	ppb	156.803	4.3	2268.43
K 766.491	270.480	ppb	9.9771	3.7	32142.0
Mg 279.078	9922.09	ppb	416.616	4.2	10029.4
Mn 257.610	124.229	ppb	5.4474	4.4	10534.3
Mo 202.032	1.7397	ppb	0.5594	32.2	6.7652
Na 330.237	1547.84	ppb	82.5263	5.3	97.3697
Ni 231.604	1.8712	ppb	1.4674	78.4	5.5071
Pb 220.353	7735.07	ppb	332.152	4.3	5591.79
Sb 206.834	40.0591	ppb	5.1229	12.8	34.5653
Se 196.026	-5.5254	ppb	3.1833	57.6	1.1603
Sn 189.925	17.1249	ppb	2.2549	13.2	3.9767
Sr 216.596	144.208	ppb	6.3498	4.4	742.291
Ti 334.941	1056.45	ppb	46.2374	4.4	180881
Tl 190.794	1.7712	ppb	6.3587	359.0	-3.9678
V 292.401	3.4747	ppb	0.1233	3.5	30.1923
Zn 206.200	10621.8	ppb	446.192	4.2	26475.5

680-87381-a-8-a^10 (Samp) **2/20/2013, 3:01:33 PM** **Rack 1, Tube 31**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3221	ppb	0.2233	69.3	-36.4212
Al 308.215	1680.48	ppb	46.4066	2.8	6104.70
As 188.980	1.1209	ppb	4.7830	426.7	-0.3280
B 249.678	49.3934	ppb	1.1254	2.3	435.112
Ba 389.178	55.5564	ppb	1.8817	3.4	758.674
Be 313.042	0.0296	ppb	0.0060	20.2	-31.5564
Ca 370.602	121135	ppb	3179	2.6	393114
Cd 226.502	2.4540	ppb	0.1109	4.5	67.2719

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	95.8536	ppb	3.5776	3.7	668.725
Cr 267.716	300.823	ppb	7.6143	2.5	4074.35
Cu 324.754	5.8434	ppb	0.2856	4.9	-29.6836
Fe 271.441	3137.55	ppb	88.3612	2.8	1943.98
K 766.491	19483.6	ppb	400.313	2.1	2159291
Mg 279.078	2701.43	ppb	68.1418	2.5	2743.27
Mn 257.610	135.358	ppb	3.6729	2.7	11468.8
Mo 202.032	1.0944	ppb	0.7655	69.9	4.9245
Na 330.237	4543.73	ppb	103.868	2.3	292.615
Ni 231.604	1.1606	ppb	1.3660	117.7	3.5854
Pb 220.353	6498.23	ppb	179.094	2.8	4698.74
Sb 206.834	4.9544	ppb	8.5830	173.2	9.1967
Se 196.026	-7.5510	ppb	1.6267	21.5	0.7151
Sn 189.925	11.5819	ppb	1.9279	16.6	1.3256
Sr 216.596	145.515	ppb	3.7002	2.5	747.032
Ti 334.941	707.608	ppb	18.9969	2.7	121111
Tl 190.794	3.9353	ppb	4.6575	118.4	-2.9497
V 292.401	3.6209	ppb	0.0921	2.5	86.6724
Zn 206.200	28507.5	ppb	752.514	2.6	71066.1

680-87381-a-10-a^10 (Samp) **2/20/2013, 3:07:41 PM** **Rack 1, Tube 32**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0476	ppb	0.3830	804.4	-27.6514
Al 308.215	4398.71	ppb	150.273	3.4	15485.7
As 188.980	-5.7529	ppb	8.0629	140.2	-2.7103
B 249.678	13.4091	ppb	0.7640	5.7	161.114
Ba 389.178	71.7877	ppb	1.9350	2.7	1000.06
Be 313.042	0.0595	ppb	0.0123	20.7	12.8975
Ca 370.602	129471	ppb	4163	3.2	419007
Cd 226.502	28.8106	ppb	1.2316	4.3	597.069
Co 228.615	119.928	ppb	2.3273	1.9	838.250
Cr 267.716	229.478	ppb	7.3150	3.2	3106.23
Cu 324.754	22.6091	ppb	0.3282	1.5	381.199
Fe 271.441	10750.0	ppb	380.947	3.5	6688.00
K 766.491	584.548	ppb	17.0341	2.9	66972.1
Mg 279.078	5713.42	ppb	190.284	3.3	5761.03
Mn 257.610	157.931	ppb	5.2025	3.3	13385.6
Mo 202.032	2.4310	ppb	0.4727	19.4	8.0203
Na 330.237	4104.75	ppb	160.847	3.9	268.082
Ni 231.604	6.2796	ppb	1.0259	16.3	16.4411
Pb 220.353	3074.43	ppb	105.342	3.4	2223.90
Sb 206.834	15.9509	ppb	2.4828	15.6	14.3057
Se 196.026	1.5250	ppb	4.9200	322.6	2.5834
Sn 189.925	54.6034	ppb	6.1452	11.3	22.5159
Sr 216.596	138.902	ppb	4.2374	3.1	715.726
Ti 334.941	734.803	ppb	24.2083	3.3	125768
Tl 190.794	4.0953	ppb	8.0481	196.5	-3.2630
V 292.401	5.5952	ppb	0.2630	4.7	139.002
Zn 206.200	30266.1	ppb	977.986	3.2	75450.7

680-87381-a-12-a^10 (Samp) **2/20/2013, 3:13:49 PM** **Rack 1, Tube 33**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0015	ppb	0.5247	35178.5	-30.5201
Al 308.215	2532.33	ppb	39.2960	1.6	9045.90
As 188.980	-12.4551	ppb	4.0167	32.2	-4.4655
B 249.678	6.5192	ppb	0.4005	6.1	126.452
Ba 389.178	203.826	ppb	4.0033	2.0	2851.92
Be 313.042	0.0206	ppb	0.0067	32.5	-33.8142
Ca 370.602	160082	ppb	1730	1.1	519947
Cd 226.502	2.2222	ppb	0.1833	8.2	59.6337
Co 228.615	86.7538	ppb	2.2385	2.6	609.116
Cr 267.716	737.194	ppb	10.9821	1.5	9975.23
Cu 324.754	5.0836	ppb	0.0904	1.8	-125.241
Fe 271.441	1551.81	ppb	27.6107	1.8	955.036
K 766.491	814.002	ppb	8.9267	1.1	92344.5
Mg 279.078	3095.48	ppb	43.4421	1.4	3145.71
Mn 257.610	66.4329	ppb	0.9718	1.5	5637.63
Mo 202.032	1.3046	ppb	0.3640	27.9	5.7203
Na 330.237	2085.65	ppb	89.9848	4.3	135.539
Ni 231.604	1.7806	ppb	0.6937	39.0	5.0139
Pb 220.353	10921.1	ppb	160.483	1.5	7894.97
Sb 206.834	1.5792	ppb	3.7880	239.9	10.4871
Se 196.026	-2.0670	ppb	11.9344	577.4	1.9915
Sn 189.925	9.5012	ppb	4.1678	43.9	0.2478
Sr 216.596	179.315	ppb	2.2921	1.3	921.101
Ti 334.941	1040.96	ppb	16.7773	1.6	178193
Tl 190.794	2.9232	ppb	2.9839	102.1	-3.4312
V 292.401	6.7744	ppb	0.3760	5.6	142.234
Zn 206.200	15835.9	ppb	241.909	1.5	39475.7

680-87381-a-18-a^10 (Samp) **2/20/2013, 3:19:57 PM** **Rack 1, Tube 34**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.6144b	ppb	0.2629	42.8	-11.6408
Al 308.215	7534.16b	ppb	118.963	1.6	26308.4
As 188.980	6.1053b	ppb	2.6452	43.3	1.1761
B 249.678	3.3883b	ppb	0.1896	5.6	101.987
Ba 389.178	1858.88b	ppb	26.4657	1.4	26221.1
Be 313.042	0.0606b	ppb	0.0054	8.9	-1.9153
Ca 370.602	66646b	ppb	1022	1.5	216185
Cd 226.502	17.6802b	ppb	0.2239	1.3	363.439
Co 228.615	79.2105b	ppb	0.8158	1.0	555.552
Cr 267.716	12.0971b	ppb	0.5127	4.2	170.931
Cu 324.754	39.2991b	ppb	0.1653	0.4	919.511
Fe 271.441	2482.87b	ppb	41.9370	1.7	1535.89
K 766.491	456.093b	ppb	5.2654	1.2	52335.4
Mg 279.078	4688.13b	ppb	83.3992	1.8	4750.41
Mn 257.610	62.1212b	ppb	1.0305	1.7	5272.87
Mo 202.032	1.0804b	ppb	0.5967	55.2	5.0196
Na 330.237	5326.54b	ppb	163.267	3.1	350.236
Ni 231.604	3.3391b	ppb	0.4828	14.5	8.6715
Pb 220.353	11055.9b	ppb	208.722	1.9	7992.49

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	3360.10b	ppb	42.0218	1.3	1685.05
Se 196.026	-1.1749b	ppb	1.7155	146.0	2.1691
Sn 189.925	15.6795b	ppb	2.4802	15.8	3.5590
Sr 216.596	73.8677b	ppb	1.9876	2.7	377.751
Ti 334.941	960.805b	ppb	14.1859	1.5	164365
Tl 190.794	5.6356b	ppb	2.9149	51.7	-1.7389
V 292.401	5.3097b	ppb	0.1808	3.4	144.033
Zn 206.200	-xb	ppb	574.023	1.5	97935.1

680-87381-a-19-a^10 (Samp) **2/20/2013, 3:26:06 PM** **Rack 1, Tube 35**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.4652	ppb	0.8235	177.0	-16.3924
Al 308.215	4849.60	ppb	59.0267	1.2	17044.8
As 188.980	6.0273	ppb	4.1910	69.5	1.2226
B 249.678	2.0423	ppb	0.8271	40.5	89.6253
Ba 389.178	1325.14	ppb	14.4124	1.1	18688.1
Be 313.042	0.0461	ppb	0.0019	4.0	-30.3324
Ca 370.602	54791	ppb	619.8	1.1	177426
Cd 226.502	10.0702	ppb	0.1962	1.9	217.714
Co 228.615	99.3254	ppb	0.7589	0.8	694.158
Cr 267.716	489.309	ppb	5.3474	1.1	6622.64
Cu 324.754	333.669	ppb	4.2169	1.3	8393.60
Fe 271.441	3916.82	ppb	51.8288	1.3	2429.46
K 766.491	313.081	ppb	3.2172	1.0	36626.7
Mg 279.078	4800.38	ppb	48.2820	1.0	4859.19
Mn 257.610	276.392	ppb	3.3176	1.2	23407.7
Mo 202.032	62.1886	ppb	1.5604	2.5	183.425
Na 330.237	3649.06	ppb	125.770	3.4	240.653
Ni 231.604	3.8301	ppb	1.1611	30.3	9.9798
Pb 220.353	13543.1	ppb	167.776	1.2	9789.89
Sb 206.834	2321.77	ppb	34.6475	1.5	1169.04
Se 196.026	2.6341	ppb	2.4439	92.8	3.0307
Sn 189.925	20.5584	ppb	4.2727	20.8	5.9694
Sr 216.596	70.9990	ppb	0.1894	0.3	361.917
Ti 334.941	804.110	ppb	9.0920	1.1	137571
Tl 190.794	5.6562	ppb	2.5934	45.9	-1.7854
V 292.401	6.0714	ppb	0.2707	4.5	124.576
Zn 206.200	27788.5	ppb	303.110	1.1	69273.3

mb 680-266673/1-a (Samp) **2/20/2013, 3:32:15 PM** **Rack 1, Tube 36**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3558	ppb	0.1223	34.4	-34.0820
Al 308.215	2.1391	ppb	1.9489	91.1	311.642
As 188.980	-0.0055	ppb	6.7257	121757.1	-0.6499
B 249.678	-3.1349	ppb	0.2264	7.2	57.4871
Ba 389.178	-0.5862	ppb	0.4842	82.6	-41.9088
Be 313.042	0.0045	ppb	0.0073	160.6	-95.0935
Ca 370.602	4.021	ppb	0.6217	15.5	-63.01
Cd 226.502	-0.0593	ppb	0.1327	223.7	11.7936

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	0.0721	ppb	0.5734	795.4	-13.2510
Cr 267.716	0.2241	ppb	0.4932	220.1	11.0872
Cu 324.754	0.3201	ppb	0.2778	86.8	63.4406
Fe 271.441	2.4629	ppb	6.5703	266.8	-12.6848
K 766.491	0.4169	ppb	0.6846	164.2	2320.29
Mg 279.078	-2.5969	ppb	0.9612	37.0	23.4326
Mn 257.610	0.0882	ppb	0.0364	41.3	9.4275
Mo 202.032	0.5064	ppb	1.5298	302.1	3.5350
Na 330.237	-27.3387	ppb	141.063	516.0	1.7691
Ni 231.604	-0.6074	ppb	0.5704	93.9	-0.9024
Pb 220.353	0.3113	ppb	3.4581	1110.8	2.7971
Sb 206.834	1.2591	ppb	2.5136	199.6	5.1084
Se 196.026	4.1087	ppb	6.8973	167.9	3.4236
Sn 189.925	4.4220	ppb	3.7227	84.2	-1.9798
Sr 216.596	-0.8643	ppb	0.3006	34.8	-8.3076
Ti 334.941	0.0582	ppb	0.0231	39.6	-48.3884
Tl 190.794	6.9159	ppb	3.6895	53.3	-1.1655
V 292.401	-0.2530	ppb	0.1675	66.2	3.6080
Zn 206.200	1.9605	ppb	0.1140	5.8	5.3205

Cont Calib Verif (CCV) **2/20/2013, 3:42:08 PM** **Rack 1, Tube 37**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	503.120	ppb	30.8377	6.1	13190.7	100.62407
Al 308.215	5090.03	ppb	100.869	2.0	18193.7	101.80065
As 188.980	505.168	ppb	11.1636	2.2	158.416	101.03363
B 249.678	2502.00	ppb	47.2321	1.9	18238.8	100.07986
Ba 389.178	5158.94	ppb	83.7154	1.6	72840.7	103.17886
Be 313.042	512.672	ppb	9.2513	1.8	688553	102.53450
Ca 370.602	5210	ppb	88.81	1.7	16283	104.20048
Cd 226.502	512.622	ppb	8.6768	1.7	10027.0	102.52449
Co 228.615	511.074	ppb	8.0292	1.6	3580.21	102.21479
Cr 267.716	5134.78	ppb	98.6886	1.9	69405.6	102.69566
Cu 324.754	5032.69	ppb	305.335	6.1	127366	100.65375
Fe 271.441	5100.54	ppb	106.376	2.1	3215.89	102.01077
K 766.491	10178.2	ppb	123.924	1.2	1127904	101.78229
Mg 279.078	5089.14	ppb	89.1330	1.8	5139.36	101.78279
Mn 257.610	5298.31	ppb	95.3415	1.8	448451	105.96610
Mo 202.032	528.248	ppb	9.0715	1.7	1537.39	105.64968
Na 330.237	7599.89	ppb	126.528	1.7	428.177	101.33180
Ni 231.604	2593.89	ppb	47.8486	1.8	6281.03	103.75568
Pb 220.353	506.104	ppb	6.4405	1.3	363.293	101.22081
Sb 206.834	515.140	ppb	12.1700	2.4	288.351	103.02799
Se 196.026	5264.17	ppb	85.7229	1.6	1199.18	105.28335
Sn 189.925	5038.11	ppb	168.293	3.3	2479.66	100.76228
Sr 216.596	2464.42	ppb	42.6503	1.7	12531.9	98.57672
Ti 334.941	517.213	ppb	9.0607	1.8	88681.9	103.44267
Tl 190.794	5267.31	ppb	81.0245	1.5	2095.29	105.34616
V 292.401	5089.87	ppb	93.4764	1.8	121677	101.79741
Zn 206.200	2580.86	ppb	42.8979	1.7	6418.51	103.23427

Cont Calib Blank (CCB) **2/20/2013, 3:48:15 PM** **Rack 1, Tube 38**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	0.4687	ppb	0.3597	76.7	-12.4235	0.46868
Al 308.215	-1.6279	ppb	4.2293	259.8	298.671	-1.62786
As 188.980	2.7137	ppb	2.2099	81.4	0.2032	2.71367
B 249.678	9.0182	ppb	1.8939	21.0	145.705	9.01818
Ba 389.178	0.7042	ppb	0.8387	119.1	-23.6892	0.70420
Be 313.042	0.0122	ppb	0.0044	35.8	-84.8533	0.01218
Ca 370.602	-1.277	ppb	0.3939	30.8	-80.64	-1.27744
Cd 226.502	-0.0676	ppb	0.1778	263.0	11.6374	-0.06759
Co 228.615	0.4079	ppb	0.6927	169.9	-10.9027	0.40785
Cr 267.716	0.3398	ppb	0.3989	117.4	12.6510	0.33985
Cu 324.754	-0.2277	ppb	0.5860	257.4	49.5938	-0.22768
Fe 271.441	1.2011	ppb	5.2628	438.2	-13.4554	1.20106
K 766.491	-0.9013	ppb	0.1076	11.9	2174.00	-0.90134
Mg 279.078	-4.0924	ppb	7.3081	178.6	21.9155	-4.09244
Mn 257.610	0.0817	ppb	0.0465	56.9	8.8770	0.08167
Mo 202.032	0.8622	ppb	0.2874	33.3	4.5743	0.86220
Na 330.237	-22.4018	ppb	123.912	553.1	2.0422	-22.40182
Ni 231.604	-0.1277	ppb	0.2514	196.8	0.2618	-0.12774
Pb 220.353	0.7267	ppb	2.2087	303.9	3.0966	0.72672
Sb 206.834	-3.3467	ppb	5.2318	156.3	2.7985	-3.34673
Se 196.026	7.6723	ppb	10.5800	137.9	4.2331	7.67233
Sn 189.925	7.4238	ppb	1.0829	14.6	-0.4999	7.42380
Sr 216.596	-0.4195	ppb	0.7016	167.2	-6.0544	-0.41955
Ti 334.941	0.0215	ppb	0.0439	204.2	-54.6848	0.02148
Tl 190.794	9.9334	ppb	0.4763	4.8	0.0342	9.93342
V 292.401	-0.0730	ppb	0.0631	86.4	7.7709	-0.07305
Zn 206.200	-0.2753	ppb	0.1325	48.1	-0.2529	-0.27527

lcs 680-266673/2-a (Samp) **2/20/2013, 3:54:22 PM** **Rack 1, Tube 39**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	52.3489	ppb	1.1044	2.1	1351.04
Al 308.215	4901.34	ppb	149.895	3.1	17229.4
As 188.980	104.481	ppb	12.3971	11.9	31.9996
B 249.678	199.771	ppb	5.9230	3.0	1521.95
Ba 389.178	98.3069	ppb	3.4268	3.5	1368.02
Be 313.042	51.5899	ppb	1.5077	2.9	68979.9
Ca 370.602	4943	ppb	131.5	2.7	15230
Cd 226.502	50.1251	ppb	1.4113	2.8	1001.39
Co 228.615	49.6700	ppb	1.7803	3.6	335.129
Cr 267.716	100.073	ppb	2.5242	2.5	1358.83
Cu 324.754	102.289	ppb	2.8850	2.8	2636.00
Fe 271.441	4946.36	ppb	155.435	3.1	3070.30
K 766.491	4995.16	ppb	100.207	2.0	555265
Mg 279.078	4980.91	ppb	138.492	2.8	5037.92
Mn 257.610	519.092	ppb	14.7589	2.8	43943.3
Mo 202.032	104.013	ppb	3.3199	3.2	305.393
Na 330.237	4422.09	ppb	244.589	5.5	249.229
Ni 231.604	102.445	ppb	2.7593	2.7	248.897
Pb 220.353	49.6908	ppb	2.4172	4.9	37.7564

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	44.4472	ppb	1.3293	3.0	27.3936
Se 196.026	99.6430	ppb	1.0233	1.0	25.0811
Sn 189.925	40.2267	ppb	2.1309	5.3	15.6777
Sr 216.596	99.1427	ppb	3.2656	3.3	501.090
Ti 334.941	98.2810	ppb	2.9511	3.0	16764.0
Tl 190.794	46.4589	ppb	0.5475	1.2	14.3800
V 292.401	100.267	ppb	2.8896	2.9	2389.03
Zn 206.200	99.4146	ppb	2.4252	2.4	248.189

680-87515-a-1-a (Samp) **2/20/2013, 4:00:28 PM** **Rack 1, Tube 40**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	3.1404b	ppb	0.0792	2.5	49.1101
Al 308.215	4870.30b	ppb	185.070	3.8	17118.0
As 188.980	1.5555b	ppb	3.4547	222.1	0.3035
B 249.678	1945.87b	ppb	64.7713	3.3	14203.3
Ba 389.178	24.4105b	ppb	0.6850	2.8	321.779
Be 313.042	0.0712b	ppb	0.0180	25.2	-31.5945
Ca 370.602	13336b	ppb	464.6	3.5	43055
Cd 226.502	40.0603b	ppb	1.4172	3.5	796.808
Co 228.615	1.7431b	ppb	0.2934	16.8	-0.1586
Cr 267.716	2729.69b	ppb	101.878	3.7	36916.3
Cu 324.754	16.6014b	ppb	0.5201	3.1	450.803
Fe 271.441	1378.45b	ppb	59.6142	4.3	840.843
K 766.491	4511.33b	ppb	134.798	3.0	501718
Mg 279.078	2727.10b	ppb	99.0952	3.6	2773.80
Mn 257.610	461.740b	ppb	16.3136	3.5	39084.4
Mo 202.032	9.1676b	ppb	0.8856	9.7	28.7626
Na 330.237	-xb	ppb	10338.9	3.2	18160.0
Ni 231.604	8.3216b	ppb	1.1523	13.8	20.8537
Pb 220.353	-6.7310b	ppb	1.4091	20.9	-4.8180
Sb 206.834	10.2345b	ppb	3.7176	36.3	29.4318
Se 196.026	22.4026b	ppb	9.4405	42.1	7.6171
Sn 189.925	5.1847b	ppb	2.1083	40.7	-1.5777
Sr 216.596	1296.15b	ppb	44.1376	3.4	6637.44
Ti 334.941	1.9715b	ppb	0.1053	5.3	402.992
Tl 190.794	0.9795b	ppb	0.5724	58.4	-3.7476
V 292.401	0.7948b	ppb	0.4192	52.7	-115.603
Zn 206.200	190.282b	ppb	7.5362	4.0	466.387

680-87515-a-2-a (Samp) **2/20/2013, 4:06:35 PM** **Rack 1, Tube 41**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	2.3666b	ppb	0.2526	10.7	30.1712
Al 308.215	3993.94b	ppb	118.255	3.0	14092.6
As 188.980	6.0317b	ppb	6.4107	106.3	1.6316
B 249.678	1543.67b	ppb	44.2265	2.9	11284.1
Ba 389.178	20.9378b	ppb	0.6210	3.0	270.835
Be 313.042	0.0568b	ppb	0.0085	15.0	-52.5396
Ca 370.602	12068b	ppb	343.4	2.8	38973
Cd 226.502	33.6105b	ppb	0.7813	2.3	670.307

F02202013.wvq. All Data Report 2/22/2013, 10:38:18 AM

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	0.9527b	ppb	0.2188	23.0	-5.9234
Cr 267.716	2274.69b	ppb	68.0108	3.0	30764.6
Cu 324.754	13.8150b	ppb	0.7000	5.1	382.566
Fe 271.441	1121.07b	ppb	33.6211	3.0	681.095
K 766.491	3871.72b	ppb	114.131	2.9	430907
Mg 279.078	2217.35b	ppb	59.6667	2.7	2260.21
Mn 257.610	370.758b	ppb	11.0355	3.0	31383.5
Mo 202.032	7.1282b	ppb	0.2368	3.3	22.8191
Na 330.237	-xb	ppb	7344.12	2.1	19600.4
Ni 231.604	7.1237b	ppb	0.5936	8.3	17.9266
Pb 220.353	-6.5406b	ppb	0.3759	5.7	-4.2537
Sb 206.834	13.5514b	ppb	4.4113	32.6	27.7896
Se 196.026	23.6304b	ppb	8.6656	36.7	7.8884
Sn 189.925	7.3417b	ppb	2.8791	39.2	-0.5052
Sr 216.596	1042.00b	ppb	29.4316	2.8	5335.26
Ti 334.941	3.2788b	ppb	0.4578	14.0	603.181
Tl 190.794	1.4725b	ppb	1.4447	98.1	-3.5203
V 292.401	0.6406b	ppb	0.1896	29.6	-95.8241
Zn 206.200	152.396b	ppb	4.1853	2.7	373.337

680-87515-a-3-a (Samp) **2/20/2013, 4:12:43 PM** **Rack 1, Tube 42**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	1.2753b	ppb	0.2100	16.5	5.6266
Al 308.215	2202.91b	ppb	34.8200	1.6	7909.11
As 188.980	1.2108b	ppb	3.0530	252.1	-0.0983
B 249.678	1160.21b	ppb	13.6998	1.2	8501.25
Ba 389.178	11.1808b	ppb	0.7033	6.3	129.356
Be 313.042	0.0503b	ppb	0.0035	7.0	-59.3205
Ca 370.602	10215b	ppb	135.7	1.3	33018
Cd 226.502	15.1250b	ppb	0.2423	1.6	308.639
Co 228.615	1.0523b	ppb	0.6842	65.0	-5.8504
Cr 267.716	1034.63b	ppb	15.4788	1.5	13998.3
Cu 324.754	8.1348b	ppb	0.4403	5.4	242.122
Fe 271.441	675.012b	ppb	7.9712	1.2	404.922
K 766.491	3024.01b	ppb	36.5814	1.2	337059
Mg 279.078	1589.46b	ppb	22.4510	1.4	1627.98
Mn 257.610	220.840b	ppb	2.9513	1.3	18694.1
Mo 202.032	5.1128b	ppb	1.1313	22.1	16.9525
Na 330.237	-xb	ppb	3832.08	1.1	18834.9
Ni 231.604	5.3801b	ppb	0.6490	12.1	13.6672
Pb 220.353	-6.2100b	ppb	3.8259	61.6	-2.9106
Sb 206.834	2.5889b	ppb	2.2733	87.8	13.3193
Se 196.026	15.6590b	ppb	9.5974	61.3	6.0650
Sn 189.925	6.4239b	ppb	5.7851	90.1	-0.9551
Sr 216.596	725.663b	ppb	9.3884	1.3	3714.38
Ti 334.941	2.4362b	ppb	0.6424	26.4	400.185
Tl 190.794	2.6998b	ppb	3.4695	128.5	-2.9780
V 292.401	0.2161b	ppb	0.1234	57.1	-41.5646
Zn 206.200	83.3449b	ppb	1.4775	1.8	205.041

680-87515-a-3-b ms (Samp) **2/20/2013, 4:18:50 PM** **Rack 1, Tube 43**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	54.8462b	ppb	1.0237	1.9	1413.02
Al 308.215	7706.15b	ppb	197.657	2.6	26912.0
As 188.980	117.751b	ppb	8.3135	7.1	36.3569
B 249.678	1515.86b	ppb	36.1251	2.4	11074.3
Ba 389.178	113.116b	ppb	3.4155	3.0	1583.07
Be 313.042	53.2409b	ppb	1.3038	2.4	71160.4
Ca 370.602	16527b	ppb	394.8	2.4	52747
Cd 226.502	69.2378b	ppb	1.7686	2.6	1375.10
Co 228.615	51.7153b	ppb	1.1087	2.1	350.085
Cr 267.716	1296.50b	ppb	33.1997	2.6	17536.9
Cu 324.754	115.668b	ppb	3.1507	2.7	2952.94
Fe 271.441	5783.11b	ppb	139.124	2.4	3590.04
K 766.491	9992.93b	ppb	197.431	2.0	1108564
Mg 279.078	6775.07b	ppb	168.222	2.5	6845.94
Mn 257.610	776.956b	ppb	18.2245	2.3	65769.2
Mo 202.032	110.318b	ppb	2.7573	2.5	323.764
Na 330.237	-xb	ppb	10769.9	2.8	21925.9
Ni 231.604	109.292b	ppb	2.2837	2.1	265.563
Pb 220.353	44.5024b	ppb	3.6472	8.2	32.8315
Sb 206.834	48.2249b	ppb	5.4152	11.2	37.9992
Se 196.026	110.455b	ppb	7.1318	6.5	27.5566
Sn 189.925	40.8218b	ppb	1.4624	3.6	16.0153
Sr 216.596	926.098b	ppb	23.4213	2.5	4738.36
Ti 334.941	101.864b	ppb	2.5488	2.5	17425.1
Tl 190.794	43.4741b	ppb	5.3274	12.3	13.0348
V 292.401	102.057b	ppb	2.6503	2.6	2366.54
Zn 206.200	198.072b	ppb	5.4158	2.7	490.481

680-87515-a-3-c msd (Samp) **2/20/2013, 4:24:59 PM** **Rack 1, Tube 44**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	55.0269b	ppb	1.0601	1.9	1417.83
Al 308.215	7211.69b	ppb	99.8921	1.4	25204.9
As 188.980	130.770b	ppb	11.2756	8.6	40.4327
B 249.678	1423.01b	ppb	18.4459	1.3	10400.5
Ba 389.178	102.726b	ppb	1.0270	1.0	1435.34
Be 313.042	49.8256b	ppb	0.6633	1.3	66589.1
Ca 370.602	15449b	ppb	203.9	1.3	49274
Cd 226.502	64.5965b	ppb	0.9104	1.4	1284.20
Co 228.615	48.5567b	ppb	0.9057	1.9	328.116
Cr 267.716	1211.37b	ppb	16.1398	1.3	16385.8
Cu 324.754	107.997b	ppb	0.6125	0.6	2760.62
Fe 271.441	5595.18b	ppb	68.7239	1.2	3472.91
K 766.491	9268.96b	ppb	118.379	1.3	1028415
Mg 279.078	6350.96b	ppb	83.7469	1.3	6418.50
Mn 257.610	727.804b	ppb	9.9785	1.4	61609.2
Mo 202.032	111.054b	ppb	0.9625	0.9	325.938
Na 330.237	-xb	ppb	5548.61	1.5	20381.1
Ni 231.604	100.532b	ppb	1.2916	1.3	244.333
Pb 220.353	42.9981b	ppb	5.0643	11.8	31.8587

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	86.0577b	ppb	4.1930	4.9	54.9736
Se 196.026	143.011b	ppb	2.5418	1.8	34.9502
Sn 189.925	907.054b	ppb	14.9170	1.6	443.062
Sr 216.596	865.356b	ppb	10.5450	1.2	4427.33
Ti 334.941	140.451b	ppb	1.6662	1.2	24022.4
Tl 190.794	39.0192b	ppb	5.1192	13.1	11.2970
V 292.401	96.1874b	ppb	1.3930	1.4	2230.79
Zn 206.200	184.780b	ppb	2.0269	1.1	457.600

CCV (Samp) **2/20/2013, 4:31:07 PM** **Rack 1, Tube 45**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	491.518	ppb	18.4194	3.7	12886.0
Al 308.215	5004.74	ppb	87.3790	1.7	17892.8
As 188.980	495.643	ppb	12.0576	2.4	155.418
B 249.678	2474.90	ppb	36.4892	1.5	18042.2
Ba 389.178	5070.01	ppb	79.9362	1.6	71584.4
Be 313.042	503.281	ppb	7.5936	1.5	675932
Ca 370.602	5114	ppb	80.59	1.6	15982
Cd 226.502	503.431	ppb	8.0873	1.6	9847.37
Co 228.615	501.396	ppb	8.1374	1.6	3512.16
Cr 267.716	5055.73	ppb	84.1918	1.7	68337.4
Cu 324.754	5000.43	ppb	84.8967	1.7	126551
Fe 271.441	4996.11	ppb	89.2601	1.8	3149.72
K 766.491	10039.8	ppb	132.175	1.3	1112598
Mg 279.078	4957.21	ppb	80.9432	1.6	5006.66
Mn 257.610	5201.73	ppb	81.9002	1.6	440277
Mo 202.032	520.628	ppb	9.0071	1.7	1515.29
Na 330.237	7511.24	ppb	117.938	1.6	423.232
Ni 231.604	2543.87	ppb	38.6517	1.5	6159.94
Pb 220.353	491.996	ppb	4.3575	0.9	353.187
Sb 206.834	501.689	ppb	10.5921	2.1	281.275
Se 196.026	5203.01	ppb	71.6706	1.4	1185.27
Sn 189.925	4917.46	ppb	123.293	2.5	2420.17
Sr 216.596	2420.02	ppb	39.6150	1.6	12306.1
Ti 334.941	506.623	ppb	8.3617	1.7	86865.4
Tl 190.794	5178.38	ppb	73.0827	1.4	2059.83
V 292.401	4984.62	ppb	77.9716	1.6	119161
Zn 206.200	2526.84	ppb	38.9273	1.5	6284.13

CCB (Samp) **2/20/2013, 4:37:15 PM** **Rack 1, Tube 46**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.1339	ppb	0.8613	643.3	-21.2199
Al 308.215	-3.5849	ppb	1.4975	41.8	291.924
As 188.980	4.0926	ppb	2.0701	50.6	0.6357
B 249.678	16.7196	ppb	1.7291	10.3	201.599
Ba 389.178	0.3970	ppb	0.9698	244.3	-28.0154
Be 313.042	0.0141	ppb	0.0109	77.6	-82.2554
Ca 370.602	-2.333	ppb	1.353	58.0	-84.97
Cd 226.502	0.1451	ppb	0.2128	146.7	15.7987

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	0.2521	ppb	0.1647	65.4	-11.9966
Cr 267.716	0.0973	ppb	0.0842	86.4	9.3688
Cu 324.754	0.4192	ppb	0.4361	104.0	65.9673
Fe 271.441	7.6632	ppb	2.3936	31.2	-9.4296
K 766.491	-0.7682	ppb	0.4009	52.2	2188.81
Mg 279.078	-7.3455	ppb	2.6264	35.8	18.6150
Mn 257.610	0.2808	ppb	0.0441	15.7	25.7394
Mo 202.032	1.1334	ppb	0.3754	33.1	5.3661
Na 330.237	-62.5361	ppb	81.8041	130.8	-0.2099
Ni 231.604	-0.1124	ppb	0.5855	520.8	0.2977
Pb 220.353	-0.7510	ppb	4.1166	548.2	2.0284
Sb 206.834	-2.6004	ppb	1.7399	66.9	3.1771
Se 196.026	5.3645	ppb	1.1798	22.0	3.7087
Sn 189.925	6.7622	ppb	0.9121	13.5	-0.8261
Sr 216.596	-0.8783	ppb	0.0951	10.8	-8.4044
Ti 334.941	0.1473	ppb	0.0861	58.4	-33.1470
Tl 190.794	6.4022	ppb	4.6546	72.7	-1.3700
V 292.401	0.0545	ppb	0.0814	149.4	10.8001
Zn 206.200	-0.2256	ppb	0.3094	137.1	-0.1298

mb 680-266176/1-a (Samp) **2/20/2013, 4:46:05 PM** **Rack 1, Tube 47**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0556	ppb	0.4811	864.5	-26.1989
Al 308.215	-0.8720	ppb	1.4829	170.1	301.252
As 188.980	1.4056	ppb	8.1100	577.0	-0.2073
B 249.678	5.4707	ppb	0.7118	13.0	119.956
Ba 389.178	0.5334	ppb	0.6251	117.2	-26.0953
Be 313.042	0.0052	ppb	0.0063	120.7	-94.1744
Ca 370.602	3.368	ppb	4.580	136.0	-65.51
Cd 226.502	-0.0605	ppb	0.0559	92.2	11.7743
Co 228.615	0.1946	ppb	0.5406	277.8	-12.3895
Cr 267.716	0.1312	ppb	0.2606	198.6	9.8306
Cu 324.754	0.6529	ppb	0.3240	49.6	71.8688
Fe 271.441	-7.3021	ppb	2.7117	37.1	-18.7606
K 766.491	-0.7997	ppb	0.3740	46.8	2185.31
Mg 279.078	-9.0444	ppb	4.7334	52.3	16.9184
Mn 257.610	0.0791	ppb	0.0227	28.6	8.6607
Mo 202.032	0.8068	ppb	0.0800	9.9	4.4125
Na 330.237	-17.9312	ppb	134.759	751.5	2.2945
Ni 231.604	-0.2589	ppb	0.3326	128.5	-0.0565
Pb 220.353	-1.2974	ppb	1.0857	83.7	1.6346
Sb 206.834	-2.1738	ppb	5.1931	238.9	3.3895
Se 196.026	3.5384	ppb	4.5132	127.6	3.2939
Sn 189.925	6.1927	ppb	1.6551	26.7	-1.1068
Sr 216.596	-0.3591	ppb	0.2482	69.1	-5.7304
Ti 334.941	0.0619	ppb	0.0710	114.6	-47.7633
Tl 190.794	4.7558	ppb	4.1451	87.2	-2.0240
V 292.401	-0.1818	ppb	0.0942	51.8	5.3131
Zn 206.200	1.0703	ppb	0.3348	31.3	3.1014

lcs 680-266176/2-a (Samp) **2/20/2013, 4:52:15 PM** **Rack 1, Tube 48**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.9540	ppb	1.1452	2.2	1340.68
Al 308.215	5004.03	ppb	113.824	2.3	17584.0
As 188.980	104.622	ppb	7.8344	7.5	32.0409
B 249.678	203.272	ppb	4.8724	2.4	1547.16
Ba 389.178	101.237	ppb	3.0908	3.1	1409.67
Be 313.042	52.4128	ppb	1.2034	2.3	70082.0
Ca 370.602	5072	ppb	112.0	2.2	15630
Cd 226.502	50.8955	ppb	1.0967	2.2	1016.68
Co 228.615	51.5917	ppb	0.7584	1.5	348.648
Cr 267.716	103.343	ppb	2.5835	2.5	1403.00
Cu 324.754	103.100	ppb	1.9493	1.9	2656.28
Fe 271.441	5068.56	ppb	112.925	2.2	3146.51
K 766.491	5093.14	ppb	98.1547	1.9	566112
Mg 279.078	5036.62	ppb	115.614	2.3	5093.77
Mn 257.610	531.399	ppb	12.3374	2.3	44985.1
Mo 202.032	108.156	ppb	1.6241	1.5	317.488
Na 330.237	4616.79	ppb	177.495	3.8	260.071
Ni 231.604	104.620	ppb	2.5352	2.4	254.168
Pb 220.353	50.6983	ppb	3.1772	6.3	38.4674
Sb 206.834	48.0635	ppb	4.8000	10.0	29.1157
Se 196.026	109.219	ppb	10.4433	9.6	27.2555
Sn 189.925	106.942	ppb	5.0774	4.7	48.5684
Sr 216.596	100.971	ppb	2.0836	2.1	510.382
Ti 334.941	104.400	ppb	2.3566	2.3	17811.0
Tl 190.794	46.0291	ppb	2.6525	5.8	14.2063
V 292.401	102.560	ppb	2.3507	2.3	2443.23
Zn 206.200	100.888	ppb	2.4429	2.4	251.856

Cont Calib Verif (CCV) **2/20/2013, 4:58:23 PM** **Rack 1, Tube 49**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	508.482	ppb	13.4952	2.7	13331.5	101.69636
Al 308.215	5088.03	ppb	86.8843	1.7	18186.1	101.76067
As 188.980	510.149	ppb	13.6077	2.7	159.979	102.02982
B 249.678	2506.65	ppb	45.9441	1.8	18272.6	100.26598
Ba 389.178	5160.59	ppb	83.2500	1.6	72863.9	103.21185
Be 313.042	512.233	ppb	9.4750	1.8	687959	102.44666
Ca 370.602	5200	ppb	78.38	1.5	16253	103.99895
Cd 226.502	512.773	ppb	9.4284	1.8	10029.8	102.55452
Co 228.615	509.821	ppb	9.1499	1.8	3571.44	101.96422
Cr 267.716	5148.98	ppb	87.4334	1.7	69597.6	102.97952
Cu 324.754	5109.29	ppb	142.793	2.8	129305	102.18576
Fe 271.441	5083.53	ppb	82.5711	1.6	3205.11	101.67066
K 766.491	10171.5	ppb	128.874	1.3	1127158	101.71487
Mg 279.078	5043.56	ppb	77.2924	1.5	5093.43	100.87120
Mn 257.610	5293.88	ppb	90.8079	1.7	448076	105.87759
Mo 202.032	527.535	ppb	8.8756	1.7	1535.32	105.50700
Na 330.237	7530.00	ppb	41.0894	0.5	424.251	100.40003
Ni 231.604	2588.00	ppb	41.7404	1.6	6266.79	103.52010
Pb 220.353	504.184	ppb	17.7120	3.5	361.909	100.83688

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sb 206.834	513.816	ppb	18.4412	3.6	287.792	102.76326
Se 196.026	5270.35	ppb	100.177	1.9	1200.58	105.40697
Sn 189.925	4990.64	ppb	95.5335	1.9	2456.25	99.81286
Sr 216.596	2459.51	ppb	40.6581	1.7	12506.9	98.38050
Ti 334.941	517.911	ppb	11.9397	2.3	88801.1	103.58225
Tl 190.794	5267.46	ppb	69.3926	1.3	2095.34	105.34924
V 292.401	5075.45	ppb	81.8908	1.6	121332	101.50903
Zn 206.200	2570.91	ppb	43.0834	1.7	6393.72	102.83640

Cont Calib Blank (CCB) **2/20/2013, 5:04:30 PM** **Rack 1, Tube 50**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.3777	ppb	0.4758	126.0	-34.6565	-0.37769
Al 308.215	-3.8953	ppb	0.7339	18.8	290.842	-3.89533
As 188.980	-3.2560	ppb	5.7391	176.3	-1.6698	-3.25599
B 249.678	12.9968	ppb	2.4748	19.0	174.578	12.99682
Ba 389.178	0.5377	ppb	1.0219	190.0	-26.0335	0.53774
Be 313.042	0.0054	ppb	0.0056	102.6	-93.9262	0.00541
Ca 370.602	-1.252	ppb	0.3558	28.4	-80.88	-1.25215
Cd 226.502	-0.0747	ppb	0.1505	201.6	11.5032	-0.07468
Co 228.615	0.0686	ppb	0.4342	633.2	-13.2860	0.06857
Cr 267.716	-0.0876	ppb	0.1675	191.2	6.8702	-0.08765
Cu 324.754	0.0142	ppb	0.3504	2461.6	55.7214	0.01424
Fe 271.441	-0.3108	ppb	5.1054	1642.7	-14.4074	-0.31079
K 766.491	-1.2741	ppb	0.2022	15.9	2132.81	-1.27415
Mg 279.078	-5.2751	ppb	3.3151	62.8	20.7159	-5.27513
Mn 257.610	0.0419	ppb	0.0748	178.4	5.5167	0.04193
Mo 202.032	0.8687	ppb	0.8214	94.6	4.5931	0.86872
Na 330.237	-4.6780	ppb	132.492	2832.2	3.0342	-4.67801
Ni 231.604	0.5061	ppb	0.6705	132.5	1.7930	0.50613
Pb 220.353	-1.6064	ppb	3.9581	246.4	1.4106	-1.60636
Sb 206.834	-3.4157	ppb	0.5128	15.0	2.7658	-3.41570
Se 196.026	13.4350	ppb	5.0020	37.2	5.5423	13.43501Z
Sn 189.925	7.1625	ppb	2.3732	33.1	-0.6287	7.16255
Sr 216.596	-0.2753	ppb	0.6196	225.1	-5.3357	-0.27528
Ti 334.941	0.0944	ppb	0.0485	51.3	-42.2172	0.09438
Tl 190.794	2.4107	ppb	4.5945	190.6	-2.9573	2.41067
V 292.401	-0.0961	ppb	0.1394	145.1	7.2225	-0.09608
Zn 206.200	-0.5575	ppb	0.1412	25.3	-0.9561	-0.55752

680-87322-g-15-b (Samp) **2/20/2013, 5:10:37 PM** **Rack 1, Tube 51**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2024	ppb	0.3617	178.7	-30.0998
Al 308.215	9.1303	ppb	1.5370	16.8	335.852
As 188.980	1.0672	ppb	4.7775	447.7	-0.3135
B 249.678	6.7803	ppb	1.1180	16.5	129.432
Ba 389.178	25.3927	ppb	0.0827	0.3	330.261
Be 313.042	0.1684	ppb	0.0011	0.6	125.339
Ca 370.602	6027	ppb	9.470	0.2	19506
Cd 226.502	-0.0106	ppb	0.1257	1181.1	12.7766

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	0.1083	ppb	0.6677	616.5	-12.9852
Cr 267.716	2.8256	ppb	0.0843	3.0	46.2852
Cu 324.754	21.9212	ppb	0.8624	3.9	598.820
Fe 271.441	6.4329	ppb	1.4822	23.0	-10.2103
K 766.491	1685.93	ppb	2.1411	0.1	188917
Mg 279.078	3346.11	ppb	9.5717	0.3	3403.15
Mn 257.610	0.4980	ppb	0.0243	4.9	45.8654
Mo 202.032	1.4595	ppb	0.1665	11.4	6.3174
Na 330.237	7195.84	ppb	217.659	3.0	406.681
Ni 231.604	1.4367	ppb	0.6468	45.0	4.1501
Pb 220.353	3.4213	ppb	4.8837	142.7	5.0411
Sb 206.834	-3.0934	ppb	2.0358	65.8	2.9877
Se 196.026	6.1561	ppb	9.6742	157.1	3.8884
Sn 189.925	8.1216	ppb	3.5482	43.7	-0.1724
Sr 216.596	41.7356	ppb	0.3896	0.9	210.084
Ti 334.941	0.6630	ppb	0.0453	6.8	60.1646
Tl 190.794	4.2938	ppb	4.0887	95.2	-2.2571
V 292.401	0.7496	ppb	0.0995	13.3	27.3501
Zn 206.200	48.3595	ppb	0.6499	1.3	121.074

680-87322-g-18-b (Samp) **2/20/2013, 5:16:44 PM** **Rack 1, Tube 52**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4520	ppb	0.2493	55.1	-36.6471
Al 308.215	21.7716	ppb	0.2007	0.9	379.521
As 188.980	-4.2029	ppb	6.9368	165.0	-1.9692
B 249.678	3.4568	ppb	0.3937	11.4	105.263
Ba 389.178	3.5307	ppb	0.6930	19.6	20.6952
Be 313.042	0.0745	ppb	0.0086	11.6	-0.2134
Ca 370.602	5696	ppb	101.0	1.8	18426
Cd 226.502	-0.0794	ppb	0.1979	249.3	11.4917
Co 228.615	0.4304	ppb	0.2982	69.3	-10.7361
Cr 267.716	7.1646	ppb	0.1860	2.6	104.936
Cu 324.754	3.9222	ppb	0.3205	8.2	143.978
Fe 271.441	44.3237	ppb	3.4059	7.7	13.4159
K 766.491	1496.63	ppb	19.3184	1.3	167965
Mg 279.078	2764.31	ppb	48.0925	1.7	2815.87
Mn 257.610	3.9655	ppb	0.0513	1.3	339.061
Mo 202.032	1.3769	ppb	0.5425	39.4	6.0723
Na 330.237	6739.22	ppb	217.846	3.2	381.029
Ni 231.604	16.8970	ppb	0.2687	1.6	41.5532
Pb 220.353	-4.0089	ppb	3.0272	75.5	-0.3343
Sb 206.834	-3.2389	ppb	1.4927	46.1	2.9429
Se 196.026	5.9217	ppb	11.8552	200.2	3.8349
Sn 189.925	8.0067	ppb	1.5145	18.9	-0.2282
Sr 216.596	51.2878	ppb	1.1338	2.2	258.546
Ti 334.941	0.5160	ppb	0.0511	9.9	34.9675
Tl 190.794	6.0043	ppb	3.3757	56.2	-1.5749
V 292.401	1.1753	ppb	0.1591	13.5	37.2649
Zn 206.200	12.6499	ppb	0.2816	2.2	32.0239

680-87322-g-22-b (Samp) **2/20/2013, 5:22:51 PM** **Rack 1, Tube 53**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4188	ppb	0.5731	136.9	-35.5288
Al 308.215	2.5790	ppb	2.1962	85.2	313.222
As 188.980	-0.1763	ppb	5.8995	3346.9	-0.7040
B 249.678	1.9189	ppb	0.7496	39.1	94.1849
Ba 389.178	113.293	ppb	0.6085	0.5	1586.07
Be 313.042	0.2140	ppb	0.0102	4.8	189.885
Ca 370.602	25471	ppb	206.4	0.8	82689
Cd 226.502	0.3513	ppb	0.0851	24.2	19.8460
Co 228.615	0.8020	ppb	0.5441	67.8	-8.0662
Cr 267.716	2.4217	ppb	0.3610	14.9	40.9542
Cu 324.754	2.0341	ppb	0.0783	3.8	58.9443
Fe 271.441	-1.1976	ppb	7.6559	639.2	-14.9422
K 766.491	3246.35	ppb	54.4322	1.7	361651
Mg 279.078	12648.2	ppb	159.957	1.3	12791.4
Mn 257.610	80.8358	ppb	1.0922	1.4	6850.32
Mo 202.032	0.4068	ppb	0.5134	126.2	3.2425
Na 330.237	15638.7	ppb	493.022	3.2	879.842
Ni 231.604	5.6927	ppb	0.8266	14.5	14.7463
Pb 220.353	-1.1536	ppb	2.5288	219.2	1.7361
Sb 206.834	-3.4595	ppb	3.2738	94.6	2.9458
Se 196.026	6.8555	ppb	4.0430	59.0	4.0603
Sn 189.925	4.3682	ppb	2.0726	47.4	-2.0797
Sr 216.596	230.622	ppb	3.9376	1.7	1178.43
Ti 334.941	-0.0111	ppb	0.1082	971.2	-38.3367
Tl 190.794	5.4402	ppb	4.0344	74.2	-1.9571
V 292.401	0.6216	ppb	0.2738	44.1	24.3019
Zn 206.200	4.3101	ppb	0.6909	16.0	11.5208

680-87322-g-24-b (Samp) **2/20/2013, 5:28:58 PM** **Rack 1, Tube 54**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2213	ppb	0.2780	125.6	-30.0806
Al 308.215	6.4340	ppb	2.8346	44.1	326.556
As 188.980	-5.0201	ppb	5.9523	118.6	-2.2245
B 249.678	1.3706	ppb	0.3287	24.0	90.1979
Ba 389.178	144.165	ppb	1.6777	1.2	2029.84
Be 313.042	0.0297	ppb	0.0086	29.0	-55.2298
Ca 370.602	30793	ppb	164.0	0.5	99986
Cd 226.502	0.3522	ppb	0.1109	31.5	19.9040
Co 228.615	0.8773	ppb	0.3963	45.2	-7.5199
Cr 267.716	0.6735	ppb	0.2775	41.2	17.3889
Cu 324.754	2.7065	ppb	0.1097	4.1	66.0817
Fe 271.441	9.2980	ppb	6.6885	71.9	-8.4034
K 766.491	4156.34	ppb	17.5896	0.4	462388
Mg 279.078	17617.3	ppb	118.391	0.7	17806.5
Mn 257.610	158.649	ppb	0.9930	0.6	13438.9
Mo 202.032	0.1204	ppb	0.5114	424.7	2.4045
Na 330.237	14711.8	ppb	284.671	1.9	827.886
Ni 231.604	9.1832	ppb	0.6922	7.5	23.3509
Pb 220.353	-2.7532	ppb	1.6155	58.7	0.5808

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-4.0846	ppb	3.8578	94.4	2.6530
Se 196.026	4.7487	ppb	2.8626	60.3	3.5938
Sn 189.925	6.6584	ppb	2.6546	39.9	-0.9669
Sr 216.596	257.237	ppb	1.0303	0.4	1314.87
Ti 334.941	0.2365	ppb	0.0240	10.1	8.7758
Tl 190.794	5.3800	ppb	3.1900	59.3	-2.0239
V 292.401	1.1352	ppb	0.0694	6.1	36.6215
Zn 206.200	1.4538	ppb	0.2811	19.3	4.5425

680-87322-g-25-b (Samp) **2/20/2013, 5:37:03 PM** **Rack 1, Tube 55**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.2720	ppb	0.6829	251.0	-17.5047
Al 308.215	1.7563	ppb	0.7906	45.0	310.366
As 188.980	-0.2586	ppb	6.0454	2338.1	-0.7310
B 249.678	1.5450	ppb	0.1328	8.6	91.4425
Ba 389.178	121.112	ppb	1.2141	1.0	1699.50
Be 313.042	0.0754	ppb	0.0078	10.3	5.2504
Ca 370.602	29306	ppb	365.0	1.2	95148
Cd 226.502	0.0357	ppb	0.1888	528.8	13.7412
Co 228.615	1.3843	ppb	0.0405	2.9	-3.9584
Cr 267.716	3.8053	ppb	0.0252	0.7	59.6303
Cu 324.754	0.7938	ppb	0.1118	14.1	20.3561
Fe 271.441	21.7354	ppb	7.0437	32.4	-0.6415
K 766.491	3548.45	ppb	32.8644	0.9	395094
Mg 279.078	14507.3	ppb	179.055	1.2	14667.7
Mn 257.610	53.9435	ppb	0.7442	1.4	4575.20
Mo 202.032	-0.2648	ppb	0.8173	308.6	1.2771
Na 330.237	17302.4	ppb	244.706	1.4	973.080
Ni 231.604	10.7958	ppb	0.9967	9.2	27.1545
Pb 220.353	-1.2645	ppb	1.6663	131.8	1.6554
Sb 206.834	-5.9537	ppb	0.7306	12.3	1.7341
Se 196.026	-3.0808	ppb	5.3074	172.3	1.7980
Sn 189.925	8.3671	ppb	2.6381	31.5	-0.1195
Sr 216.596	246.922	ppb	2.2928	0.9	1261.93
Ti 334.941	0.0923	ppb	0.0300	32.5	-17.2490
Tl 190.794	-2.1640	ppb	1.7375	80.3	-5.0114
V 292.401	0.6448	ppb	0.2879	44.6	24.9574
Zn 206.200	1.3734	ppb	0.7056	51.4	4.2474

680-87314-d-2-b (Samp) **2/20/2013, 5:43:11 PM** **Rack 1, Tube 56**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2164	ppb	0.2763	127.7	-28.8290
Al 308.215	8.2072	ppb	1.7460	21.3	332.043
As 188.980	-2.0334	ppb	10.8942	535.8	-1.4051
B 249.678	3.3234	ppb	0.5530	16.6	96.8698
Ba 389.178	797.721	ppb	12.3659	1.6	11273.3
Be 313.042	0.5680	ppb	0.0116	2.0	667.147
Ca 370.602	46168	ppb	692.6	1.5	149271
Cd 226.502	0.2097	ppb	0.1665	79.4	25.9274

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	1.5539	ppb	0.2126	13.7	-2.3766
Cr 267.716	-0.1416	ppb	0.1914	135.2	4.9327
Cu 324.754	1.7543	ppb	0.0278	1.6	14.5347
Fe 271.441	4371.90	ppb	54.2351	1.2	2709.81
K 766.491	11803.7	ppb	156.651	1.3	1308879
Mg 279.078	25057.8	ppb	366.075	1.5	25302.6
Mn 257.610	661.537	ppb	9.5516	1.4	56008.8
Mo 202.032	0.1109	ppb	0.3912	352.8	1.8976
Na 330.237	21336.3	ppb	178.113	0.8	1197.91
Ni 231.604	21.6889	ppb	0.6812	3.1	54.0712
Pb 220.353	-1.8176	ppb	1.3382	73.6	1.2173
Sb 206.834	-7.3068	ppb	3.6060	49.4	1.2454
Se 196.026	3.6509	ppb	10.0191	274.4	3.3102
Sn 189.925	5.7503	ppb	0.5522	9.6	-1.4588
Sr 216.596	401.251	ppb	5.2418	1.3	2054.28
Ti 334.941	-0.0041	ppb	0.0985	2396.3	-19.0273
Tl 190.794	0.0647	ppb	5.6665	8758.3	-4.4515
V 292.401	0.4142	ppb	0.0802	19.4	19.3650
Zn 206.200	4.5775	ppb	0.1201	2.6	12.6238

680-87314-d-2-bSD^5 (Samp) **2/20/2013, 5:49:19 PM** **Rack 1, Tube 57**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0009	ppb	0.5562	59203.4	-24.4038
Al 308.215	-0.7173	ppb	2.3975	334.3	301.672
As 188.980	-7.2880	ppb	5.7084	78.3	-2.9580
B 249.678	-2.7504	ppb	0.3590	13.1	58.8125
Ba 389.178	155.347	ppb	3.9134	2.5	2168.23
Be 313.042	0.1062	ppb	0.0241	22.7	42.5126
Ca 370.602	8978	ppb	270.4	3.0	28967
Cd 226.502	0.0847	ppb	0.0842	99.3	16.3454
Co 228.615	0.7370	ppb	0.1416	19.2	-8.4875
Cr 267.716	-0.0307	ppb	0.4822	1569.0	7.4037
Cu 324.754	0.4290	ppb	0.2440	56.9	49.6357
Fe 271.441	852.495	ppb	28.9243	3.4	516.958
K 766.491	2309.79	ppb	53.9562	2.3	257954
Mg 279.078	4838.40	ppb	173.413	3.6	4906.64
Mn 257.610	128.468	ppb	3.7622	2.9	10878.2
Mo 202.032	-0.3082	ppb	0.4882	158.4	1.0598
Na 330.237	4145.91	ppb	285.873	6.9	235.424
Ni 231.604	4.4401	ppb	0.8014	18.0	11.5090
Pb 220.353	-1.0460	ppb	1.6079	153.7	1.8084
Sb 206.834	-4.2110	ppb	5.7515	136.6	2.4533
Se 196.026	6.4649	ppb	4.1189	63.7	3.9568
Sn 189.925	5.7467	ppb	1.8787	32.7	-1.3527
Sr 216.596	77.3692	ppb	2.2737	2.9	392.961
Ti 334.941	0.0960	ppb	0.0280	29.2	-34.1431
Tl 190.794	1.2768	ppb	3.3581	263.0	-3.5168
V 292.401	-0.1667	ppb	0.0757	45.4	5.6459
Zn 206.200	1.0385	ppb	0.3922	37.8	3.1738

680-87314-d-2-bPDS (Samp) **2/20/2013, 5:55:28 PM** **Rack 1, Tube 58**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.5695	ppb	0.7450	1.4	1330.74
Al 308.215	2030.21	ppb	4.8567	0.2	7355.85
As 188.980	2197.03	ppb	14.7717	0.7	688.504
B 249.678	1020.82	ppb	1.0558	0.1	7486.36
Ba 389.178	2844.15	ppb	9.6711	0.3	40178.1
Be 313.042	52.7434	ppb	0.2058	0.4	70709.5
Ca 370.602	50154	ppb	173.3	0.3	162191
Cd 226.502	51.4291	ppb	0.2406	0.5	1027.46
Co 228.615	515.099	ppb	0.8898	0.2	3612.34
Cr 267.716	207.244	ppb	0.7349	0.4	2806.83
Cu 324.754	263.540	ppb	1.9000	0.7	6626.88
Fe 271.441	5277.82	ppb	22.8271	0.4	3298.01
K 766.491	16777.0	ppb	42.7504	0.3	1858998
Mg 279.078	29485.8	ppb	87.8621	0.3	29768.1
Mn 257.610	1165.64	ppb	4.0768	0.3	98687.6
Mo 202.032	539.406	ppb	3.1148	0.6	1577.14
Na 330.237	26134.5	ppb	104.693	0.4	1460.94
Ni 231.604	531.579	ppb	2.0863	0.4	1288.98
Pb 220.353	507.067	ppb	5.4354	1.1	367.936
Sb 206.834	508.545	ppb	3.0751	0.6	257.056
Se 196.026	2178.00	ppb	13.2399	0.6	497.365
Sn 189.925	1023.67	ppb	6.0767	0.6	500.557
Sr 216.596	899.811	ppb	4.9220	0.5	4585.06
Ti 334.941	1032.92	ppb	3.7665	0.4	176698
Tl 190.794	2160.89	ppb	6.9387	0.3	855.903
V 292.401	514.396	ppb	1.8759	0.4	12233.7
Zn 206.200	505.039	ppb	0.8555	0.2	1259.73

680-87314-d-3-b (Samp) **2/20/2013, 6:01:37 PM** **Rack 1, Tube 59**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.9603	ppb	0.2632	27.4	14.5087
Al 308.215	34.2854	ppb	2.7365	8.0	418.580
As 188.980	-9.5357	ppb	1.7257	18.1	-4.4534
B 249.678	66.7745	ppb	2.2406	3.4	517.155
Ba 389.178	36.4971	ppb	1.2958	3.6	687.438
Be 313.042	0.2709	ppb	0.0115	4.3	291.902
Ca 370.602	177409	ppb	3467	2.0	572056
Cd 226.502	0.0545	ppb	0.1088	199.6	76.1638
Co 228.615	293.998	ppb	7.1815	2.4	2052.74
Cr 267.716	0.1234	ppb	0.3786	306.8	15.5648
Cu 324.754	-0.1613	ppb	0.2717	168.5	-271.591
Fe 271.441	30605.8	ppb	649.823	2.1	19066.3
K 766.491	15149.8	ppb	263.456	1.7	1679494
Mg 279.078	110198	ppb	2359.52	2.1	111128
Mn 257.610	19019.0	ppb	372.727	2.0	1609812
Mo 202.032	2.3951	ppb	0.2250	9.4	5.6858
Na 330.237	50846.6	ppb	1117.84	2.2	2844.21
Ni 231.604	31.2272	ppb	0.9835	3.1	81.0081
Pb 220.353	2.6351	ppb	4.4252	167.9	4.1545

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-8.9589	ppb	5.9465	66.4	1.9631
Se 196.026	15.4709	ppb	2.7377	17.7	8.1940
Sn 189.925	6.8677	ppb	1.6411	23.9	-1.2934
Sr 216.596	1401.03	ppb	30.5773	2.2	7189.40
Ti 334.941	0.5092	ppb	0.0186	3.7	185.108
Tl 190.794	-18.6066	ppb	0.4978	2.7	-13.6792
V 292.401	0.8751	ppb	0.3640	41.6	4.1178
Zn 206.200	4.8457	ppb	0.3058	6.3	16.1518

680-87314-d-4-b (Samp) **2/20/2013, 6:07:47 PM** **Rack 1, Tube 60**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0558	ppb	0.4317	774.3	-26.2295
Al 308.215	2.2035	ppb	1.4812	67.2	311.871
As 188.980	-3.0989	ppb	6.0051	193.8	-1.6214
B 249.678	54.1745	ppb	0.8566	1.6	473.448
Ba 389.178	24.4065	ppb	0.7547	3.1	315.263
Be 313.042	0.0267	ppb	0.0060	22.5	-62.5864
Ca 370.602	15377	ppb	134.9	0.9	49883
Cd 226.502	0.1947	ppb	0.0734	37.7	16.8299
Co 228.615	0.6159	ppb	0.1780	28.9	-9.4152
Cr 267.716	1.2175	ppb	0.3721	30.6	24.5367
Cu 324.754	1.0479	ppb	0.2029	19.4	52.6972
Fe 271.441	43.6599	ppb	6.2305	14.3	13.0013
K 766.491	4763.65	ppb	18.6498	0.4	529652
Mg 279.078	2660.64	ppb	19.5422	0.7	2711.24
Mn 257.610	1.4458	ppb	0.1027	7.1	125.784
Mo 202.032	-0.1163	ppb	0.4063	349.2	1.7102
Na 330.237	7612.54	ppb	151.198	2.0	429.972
Ni 231.604	0.0309	ppb	1.0435	3372.7	0.7292
Pb 220.353	-2.9147	ppb	2.5192	86.4	0.4640
Sb 206.834	-1.8952	ppb	4.7545	250.9	3.6441
Se 196.026	9.7176	ppb	8.9550	92.2	4.6970
Sn 189.925	7.0673	ppb	0.6632	9.4	-0.7203
Sr 216.596	63.5964	ppb	0.4464	0.7	322.507
Ti 334.941	0.0347	ppb	0.0448	129.1	-39.2512
Tl 190.794	4.2820	ppb	4.2131	98.4	-2.3383
V 292.401	-0.0725	ppb	0.0478	65.9	7.8460
Zn 206.200	5.4452	ppb	0.5357	9.8	14.0793

Cont Calib Verif (CCV) **2/20/2013, 6:13:55 PM** **Rack 2, Tube 1**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	507.529	ppb	4.3517	0.9	13306.5	101.50581
Al 308.215	5057.83	ppb	39.3418	0.8	18079.5	101.15652
As 188.980	505.195	ppb	14.4673	2.9	158.421	101.03891
B 249.678	2487.44	ppb	14.4090	0.6	18133.1	99.49741
Ba 389.178	5134.24	ppb	36.5314	0.7	72491.6	102.68478
Be 313.042	509.124	ppb	4.0385	0.8	683779	101.82481
Ca 370.602	5173	ppb	34.79	0.7	16165	103.45186
Cd 226.502	508.961	ppb	3.7066	0.7	9955.44	101.79220

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Co 228.615	508.278	ppb	3.3945	0.7	3560.52	101.65556
Cr 267.716	5124.03	ppb	41.6181	0.8	69260.5	102.48058
Cu 324.754	5099.72	ppb	77.4257	1.5	129063	101.99432
Fe 271.441	5061.56	ppb	38.3600	0.8	3191.08	101.23116
K 766.491	10111.5	ppb	54.5874	0.5	1120524	101.11504
Mg 279.078	5007.71	ppb	35.0729	0.7	5057.32	100.15413
Mn 257.610	5265.87	ppb	39.5689	0.8	445706	105.31741
Mo 202.032	522.565	ppb	1.8290	0.4	1520.86	104.51308
Na 330.237	7482.81	ppb	129.721	1.7	421.622	99.77075
Ni 231.604	2571.94	ppb	20.0548	0.8	6227.90	102.87759
Pb 220.353	499.147	ppb	4.8293	1.0	358.298	99.82946
Sb 206.834	509.182	ppb	4.5773	0.9	285.270	101.83647
Se 196.026	5258.34	ppb	60.7963	1.2	1197.85	105.16677
Sn 189.925	5009.89	ppb	56.6668	1.1	2465.74	100.19778
Sr 216.596	2444.78	ppb	17.5068	0.7	12432.0	97.79108
Ti 334.941	512.415	ppb	4.0846	0.8	87859.3	102.48309
Tl 190.794	5226.65	ppb	47.4599	0.9	2079.08	104.53295
V 292.401	5037.29	ppb	38.0732	0.8	120419	100.74589
Zn 206.200	2555.20	ppb	19.0505	0.7	6354.67	102.20819

Cont Calib Blank (CCB) **2/20/2013, 6:20:03 PM** **Rack 2, Tube 2**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	0.0140	ppb	0.2991	2139.6	-24.3681	0.01398
Al 308.215	-5.0542	ppb	1.1067	21.9	286.825	-5.05420
As 188.980	4.2667	ppb	3.0038	70.4	0.6903	4.26673
B 249.678	10.1698	ppb	1.8394	18.1	154.070	10.16983
Ba 389.178	-0.0963	ppb	0.5113	531.2	-34.9881	-0.09626
Be 313.042	0.0118	ppb	0.0158	133.8	-85.3556	0.01181
Ca 370.602	-4.240	ppb	1.572	37.1	-89.94	-4.24044
Cd 226.502	0.0064	ppb	0.1583	2487.5	13.0762	0.00636
Co 228.615	0.3351	ppb	0.1546	46.1	-11.4058	0.33512
Cr 267.716	0.0029	ppb	0.4168	14276.0	8.0967	0.00292
Cu 324.754	0.0708	ppb	0.3355	473.7	57.1535	0.07082
Fe 271.441	-1.4172	ppb	7.0196	495.3	-15.0936	-1.41716
K 766.491	-1.4892	ppb	0.4640	31.2	2109.14	-1.48915
Mg 279.078	-4.6950	ppb	1.3582	28.9	21.3133	-4.69504
Mn 257.610	0.0993	ppb	0.0438	44.1	10.3707	0.09930
Mo 202.032	0.3426	ppb	0.1256	36.6	3.0560	0.34260
Na 330.237	-16.1522	ppb	28.5308	176.6	2.3929	-16.15225
Ni 231.604	0.0772	ppb	0.4796	621.5	0.7554	0.07718
Pb 220.353	0.6926	ppb	2.1315	307.7	3.0730	0.69263
Sb 206.834	-2.4333	ppb	1.7655	72.6	3.2579	-2.43331
Se 196.026	7.0943	ppb	4.6847	66.0	4.1019	7.09434
Sn 189.925	6.0370	ppb	0.4953	8.2	-1.1836	6.03695
Sr 216.596	-0.3969	ppb	0.4333	109.2	-5.9386	-0.39693
Ti 334.941	0.0738	ppb	0.0719	97.4	-45.7369	0.07384
Tl 190.794	6.7524	ppb	1.3238	19.6	-1.2302	6.75237
V 292.401	-0.1627	ppb	0.1548	95.1	5.7333	-0.16271
Zn 206.200	-0.0726	ppb	0.4499	619.6	0.2527	-0.07262

680-87314-d-5-b (Samp) **2/20/2013, 6:26:11 PM** **Rack 2, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2302	ppb	0.4313	187.3	-30.4108
Al 308.215	67.7803	ppb	1.4696	2.2	538.224
As 188.980	1.1912	ppb	3.1967	268.4	-0.2755
B 249.678	35.8025	ppb	0.8944	2.5	340.176
Ba 389.178	89.0876	ppb	1.2104	1.4	1227.45
Be 313.042	0.6442	ppb	0.0097	1.5	760.364
Ca 370.602	2539	ppb	33.62	1.3	8173
Cd 226.502	-0.0274	ppb	0.1520	554.7	12.4322
Co 228.615	3.9041	ppb	0.5595	14.3	13.7170
Cr 267.716	0.2076	ppb	0.2872	138.3	11.0242
Cu 324.754	1.6294	ppb	0.1824	11.2	91.8703
Fe 271.441	4.8523	ppb	2.3295	48.0	-11.0564
K 766.491	4008.67	ppb	39.5830	1.0	446053
Mg 279.078	2038.34	ppb	29.9155	1.5	2083.09
Mn 257.610	105.338	ppb	1.1994	1.1	8918.66
Mo 202.032	1.0915	ppb	1.0530	96.5	5.2437
Na 330.237	12039.0	ppb	129.698	1.1	678.083
Ni 231.604	2.1019	ppb	0.4482	21.3	5.7218
Pb 220.353	-1.5920	ppb	0.6189	38.9	1.4139
Sb 206.834	-5.4351	ppb	1.9670	36.2	1.7749
Se 196.026	-0.4306	ppb	13.1242	3047.8	2.4083
Sn 189.925	7.3622	ppb	2.1440	29.1	-0.5354
Sr 216.596	24.2592	ppb	0.3212	1.3	120.415
Ti 334.941	0.1554	ppb	0.0682	43.9	-30.0602
Tl 190.794	10.3952	ppb	0.9107	8.8	0.2008
V 292.401	-0.0687	ppb	0.1311	190.8	7.6928
Zn 206.200	9.0699	ppb	0.3672	4.0	23.1013

680-87314-d-6-b (Samp) **2/20/2013, 6:32:18 PM** **Rack 2, Tube 4**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1847	ppb	0.4318	233.7	-26.6297
Al 308.215	39.3500	ppb	1.3751	3.5	439.386
As 188.980	-2.2249	ppb	9.3847	421.8	-1.5511
B 249.678	27.0955	ppb	0.1585	0.6	265.343
Ba 389.178	3157.54	ppb	51.2152	1.6	44584.7
Be 313.042	1.8590	ppb	0.0439	2.4	2397.08
Ca 370.602	50390	ppb	815.8	1.6	162620
Cd 226.502	-0.0288	ppb	0.2027	703.9	26.1472
Co 228.615	7.9405	ppb	0.2958	3.7	43.7095
Cr 267.716	0.2338	ppb	0.1543	66.0	9.3393
Cu 324.754	0.8390	ppb	0.6201	73.9	-15.6011
Fe 271.441	6798.60	ppb	98.1256	1.4	4222.07
K 766.491	7657.94	ppb	100.443	1.3	849350
Mg 279.078	19744.6	ppb	297.679	1.5	19932.3
Mn 257.610	1130.15	ppb	18.4196	1.6	95670.3
Mo 202.032	0.0694	ppb	0.5072	730.4	1.5049
Na 330.237	15607.6	ppb	414.135	2.7	876.087
Ni 231.604	160.410	ppb	1.6347	1.0	389.768
Pb 220.353	-5.0481	ppb	4.9999	99.0	-1.1449

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-3.0545	ppb	3.6115	118.2	3.4674
Se 196.026	4.9423	ppb	5.4594	110.5	3.6140
Sn 189.925	5.6657	ppb	2.7143	47.9	-1.5139
Sr 216.596	397.735	ppb	5.7641	1.4	2032.86
Ti 334.941	1.5111	ppb	0.0536	3.5	244.105
Tl 190.794	1.5728	ppb	4.3960	279.5	-3.9806
V 292.401	3.2599	ppb	0.6028	18.5	87.0929
Zn 206.200	1.9030	ppb	0.3686	19.4	5.8593

680-87314-d-7-b (Samp) **2/20/2013, 6:38:26 PM** **Rack 2, Tube 5**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2366	ppb	0.5597	236.6	-27.9543
Al 308.215	64.6359	ppb	5.8935	9.1	526.665
As 188.980	-1.5178	ppb	5.6018	369.1	-1.3312
B 249.678	26.0431	ppb	1.4323	5.5	257.602
Ba 389.178	3174.29	ppb	114.869	3.6	44821.5
Be 313.042	1.8722	ppb	0.0802	4.3	2414.78
Ca 370.602	50754	ppb	1784	3.5	163795
Cd 226.502	-0.1043	ppb	0.2263	217.0	24.7823
Co 228.615	7.5761	ppb	0.5012	6.6	41.1577
Cr 267.716	0.0259	ppb	0.1838	710.9	6.5175
Cu 324.754	0.8565	ppb	0.1981	23.1	-15.8255
Fe 271.441	6853.70	ppb	261.160	3.8	4256.38
K 766.491	7723.27	ppb	220.821	2.9	856579
Mg 279.078	19886.6	ppb	711.290	3.6	20075.4
Mn 257.610	1142.41	ppb	49.8069	4.4	96707.8
Mo 202.032	0.5214	ppb	0.4955	95.0	2.8202
Na 330.237	16024.7	ppb	850.519	5.3	899.448
Ni 231.604	163.177	ppb	5.6258	3.4	396.472
Pb 220.353	-0.1882	ppb	1.4745	783.4	2.3646
Sb 206.834	-5.3382	ppb	2.4408	45.7	2.3175
Se 196.026	4.4072	ppb	5.2916	120.1	3.4930
Sn 189.925	8.7081	ppb	2.5473	29.3	-0.0149
Sr 216.596	402.467	ppb	15.2939	3.8	2057.03
Ti 334.941	1.9696	ppb	0.0372	1.9	322.834
Tl 190.794	-0.4108	ppb	2.2704	552.6	-4.7755
V 292.401	3.2983	ppb	0.0279	0.8	87.9591
Zn 206.200	1.8940	ppb	0.7372	38.9	5.8434

680-87314-d-8-b (Samp) **2/20/2013, 6:44:34 PM** **Rack 2, Tube 6**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0916	ppb	0.2491	271.8	-24.7358
Al 308.215	13.3190	ppb	2.9494	22.1	347.665
As 188.980	-1.6806	ppb	4.1339	246.0	-1.6884
B 249.678	259.965	ppb	2.1621	0.8	1934.19
Ba 389.178	100.811	ppb	2.5198	2.5	1423.70
Be 313.042	0.1732	ppb	0.0025	1.4	138.899
Ca 370.602	44910	ppb	350.2	0.8	142860
Cd 226.502	-0.0111	ppb	0.1133	1023.0	51.5394

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	6.3859	ppb	0.2330	3.6	31.4548
Cr 267.716	-0.3777	ppb	0.5425	143.6	-4.2136
Cu 324.754	0.7853	ppb	0.6203	79.0	-3.6688
Fe 271.441	19272.7	ppb	153.616	0.8	11994.1
K 766.491	7298.13	ppb	48.8563	0.7	810225
Mg 279.078	9305.38	ppb	82.0015	0.9	9359.41
Mn 257.610	1493.47	ppb	11.8881	0.8	126423
Mo 202.032	-0.2149	ppb	0.7293	339.3	-0.6970
Na 330.237	19840.6	ppb	188.401	0.9	1109.68
Ni 231.604	17.4114	ppb	0.2092	1.2	43.9711
Pb 220.353	-1.7291	ppb	2.9341	169.7	1.1426
Sb 206.834	-3.8626	ppb	2.9401	76.1	3.2957
Se 196.026	5.9410	ppb	9.6044	161.7	3.5745
Sn 189.925	5.6466	ppb	2.2825	40.4	-1.5042
Sr 216.596	225.317	ppb	1.9811	0.9	1157.73
Ti 334.941	0.3311	ppb	0.0088	2.7	37.2207
Tl 190.794	4.6739	ppb	2.4860	53.2	-3.2543
V 292.401	0.1835	ppb	0.3923	213.8	14.9256
Zn 206.200	2.6357	ppb	1.2058	45.7	7.6458

680-87350-b-1-a (Samp) **2/20/2013, 6:50:41 PM** **Rack 2, Tube 7**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1073	ppb	0.1883	175.4	-27.7937
Al 308.215	1.2557	ppb	2.9584	235.6	308.638
As 188.980	-2.5527	ppb	3.3800	132.4	-1.4495
B 249.678	31.3468	ppb	1.1172	3.6	307.820
Ba 389.178	31.8362	ppb	1.2058	3.8	476.996
Be 313.042	0.0305	ppb	0.0116	38.1	-47.0610
Ca 370.602	67675	ppb	1993	2.9	219825
Cd 226.502	0.3218	ppb	0.2020	62.8	19.3940
Co 228.615	0.5490	ppb	0.2687	48.9	-9.8870
Cr 267.716	-0.0027	ppb	0.1320	4877.2	8.1444
Cu 324.754	1.8910	ppb	0.3676	19.4	-23.9469
Fe 271.441	-4.0354	ppb	1.9820	49.1	-16.7090
K 766.491	2459.37	ppb	59.6659	2.4	274542
Mg 279.078	38086.4	ppb	1125.71	3.0	38465.6
Mn 257.610	0.5806	ppb	0.0641	11.0	71.0072
Mo 202.032	0.8717	ppb	0.5336	61.2	4.6028
Na 330.237	25195.9	ppb	690.608	2.7	1415.51
Ni 231.604	4.1350	ppb	0.5367	13.0	11.7907
Pb 220.353	-1.6606	ppb	5.0229	302.5	1.3714
Sb 206.834	-6.7035	ppb	1.5881	23.7	1.5999
Se 196.026	13.6354	ppb	0.8491	6.2	5.5883
Sn 189.925	5.7052	ppb	0.8643	15.2	-1.5460
Sr 216.596	694.490	ppb	20.4386	2.9	3556.61
Ti 334.941	-0.0868	ppb	0.0304	35.1	-14.2857
Tl 190.794	4.6992	ppb	4.8799	103.8	-2.5939
V 292.401	0.2989	ppb	0.1457	48.8	16.9788
Zn 206.200	1.0164	ppb	0.8486	83.5	4.0280

680-87350-b-2-a (Samp) **2/20/2013, 6:56:50 PM** **Rack 2, Tube 8**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0692	ppb	0.3332	481.3	-26.7806
Al 308.215	5.6035	ppb	3.0888	55.1	323.597
As 188.980	-2.7041	ppb	4.6354	171.4	-1.4988
B 249.678	28.5237	ppb	1.5478	5.4	287.203
Ba 389.178	31.7286	ppb	1.4763	4.7	468.869
Be 313.042	0.0087	ppb	0.0052	59.1	-76.8580
Ca 370.602	63572	ppb	2375	3.7	206481
Cd 226.502	0.4565	ppb	0.1819	39.9	22.1550
Co 228.615	0.7664	ppb	0.3680	48.0	-8.3500
Cr 267.716	-0.2442	ppb	0.3346	137.0	4.8247
Cu 324.754	1.4972	ppb	0.1988	13.3	-26.2531
Fe 271.441	60.9865	ppb	3.4012	5.6	23.7950
K 766.491	2355.33	ppb	73.0491	3.1	263024
Mg 279.078	33973.8	ppb	1272.18	3.7	34314.7
Mn 257.610	0.6336	ppb	0.0662	10.4	73.3820
Mo 202.032	0.4793	ppb	0.2692	56.2	3.4486
Na 330.237	20413.3	ppb	754.189	3.7	1147.43
Ni 231.604	2.3946	ppb	0.8497	35.5	7.4488
Pb 220.353	-0.1345	ppb	1.3031	969.2	2.4742
Sb 206.834	-5.9030	ppb	1.2089	20.5	1.9714
Se 196.026	6.5469	ppb	2.9217	44.6	3.9760
Sn 189.925	8.1028	ppb	0.4981	6.1	-0.3525
Sr 216.596	630.223	ppb	23.7631	3.8	3227.28
Ti 334.941	-0.1012	ppb	0.0095	9.4	-20.2367
Tl 190.794	0.3869	ppb	0.6394	165.3	-4.2783
V 292.401	-0.1268	ppb	0.1703	134.3	6.9028
Zn 206.200	0.2917	ppb	0.5516	189.1	2.1074

680-87350-b-3-a (Samp) **2/20/2013, 7:02:58 PM** **Rack 2, Tube 9**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3838	ppb	0.2629	68.5	-35.1211
Al 308.215	5.6372	ppb	2.6611	47.2	323.710
As 188.980	-2.9943	ppb	4.2183	140.9	-1.5944
B 249.678	30.4743	ppb	0.3576	1.2	301.210
Ba 389.178	39.4665	ppb	0.7682	1.9	600.582
Be 313.042	0.0218	ppb	0.0031	14.3	-60.4294
Ca 370.602	79848	ppb	664.8	0.8	259355
Cd 226.502	0.3165	ppb	0.1400	44.2	19.5326
Co 228.615	0.5561	ppb	0.2753	49.5	-9.8251
Cr 267.716	-0.2996	ppb	0.1959	65.4	4.3146
Cu 324.754	1.4874	ppb	0.1839	12.4	-56.7326
Fe 271.441	169.437	ppb	10.5798	6.2	91.3647
K 766.491	3034.28	ppb	26.2986	0.9	338189
Mg 279.078	47952.0	ppb	485.004	1.0	48422.3
Mn 257.610	6.0671	ppb	0.1149	1.9	540.473
Mo 202.032	1.0494	ppb	0.3996	38.1	5.1051
Na 330.237	76667.4	ppb	616.031	0.8	4300.42
Ni 231.604	16.7672	ppb	1.1518	6.9	42.6852
Pb 220.353	-2.6099	ppb	1.5101	57.9	0.6840

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-8.5596	ppb	1.6586	19.4	0.7595
Se 196.026	6.2736	ppb	5.9682	95.1	3.9125
Sn 189.925	9.6198	ppb	1.3111	13.6	0.3578
Sr 216.596	858.655	ppb	7.5062	0.9	4397.81
Ti 334.941	-0.1001	ppb	0.0672	67.2	-8.0496
Tl 190.794	3.5693	ppb	4.9968	140.0	-3.1489
V 292.401	-0.0421	ppb	0.0205	48.6	8.6600
Zn 206.200	9.0054	ppb	0.5167	5.7	24.2198

680-87350-b-4-a (Samp) **2/20/2013, 7:09:07 PM** **Rack 2, Tube 10**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2735	ppb	0.3336	122.0	-32.1545
Al 308.215	2.5079	ppb	0.8554	34.1	312.928
As 188.980	-4.8563	ppb	2.1011	43.3	-2.1727
B 249.678	27.9502	ppb	1.4067	5.0	283.140
Ba 389.178	31.4915	ppb	1.0664	3.4	470.328
Be 313.042	0.0184	ppb	0.0045	24.3	-63.4132
Ca 370.602	66547	ppb	358.5	0.5	216160
Cd 226.502	0.2562	ppb	0.2265	88.4	18.1375
Co 228.615	0.5685	ppb	0.2174	38.2	-9.7400
Cr 267.716	-0.1495	ppb	0.1875	125.4	6.1456
Cu 324.754	0.3768	ppb	0.4101	108.8	-60.1902
Fe 271.441	6.5167	ppb	3.9515	60.6	-10.1493
K 766.491	2391.98	ppb	12.4861	0.5	267082
Mg 279.078	36926.2	ppb	169.781	0.5	37294.7
Mn 257.610	0.2644	ppb	0.1063	40.2	43.6744
Mo 202.032	0.0585	ppb	0.1552	265.2	2.2252
Na 330.237	23472.2	ppb	101.301	0.4	1318.90
Ni 231.604	3.9789	ppb	1.0997	27.6	11.3794
Pb 220.353	-1.9030	ppb	2.4195	127.1	1.1969
Sb 206.834	-4.9169	ppb	5.3571	109.0	2.4884
Se 196.026	13.5935	ppb	8.4611	62.2	5.5784
Sn 189.925	8.2498	ppb	2.3224	28.2	-0.2885
Sr 216.596	671.281	ppb	3.0904	0.5	3437.68
Ti 334.941	-0.1035	ppb	0.0625	60.4	-18.0765
Tl 190.794	6.2900	ppb	5.3665	85.3	-1.9530
V 292.401	0.0680	ppb	0.2825	415.1	11.5934
Zn 206.200	-0.3583	ppb	0.1058	29.5	0.5705

680-87350-b-5-a (Samp) **2/20/2013, 7:15:16 PM** **Rack 2, Tube 11**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3844	ppb	0.6832	177.7	-35.0465
Al 308.215	3.0624	ppb	2.7062	88.4	314.837
As 188.980	-3.7300	ppb	7.0586	189.2	-1.8187
B 249.678	28.0814	ppb	0.7614	2.7	284.125
Ba 389.178	31.5761	ppb	0.7188	2.3	466.665
Be 313.042	0.0108	ppb	0.0033	30.2	-74.0577
Ca 370.602	63232	ppb	1187	1.9	205392
Cd 226.502	0.2864	ppb	0.1108	38.7	18.6756

F02202013.wvq. All Data Report 2/22/2013, 10:38:18 AM

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	0.5180	ppb	0.0407	7.9	-10.0936
Cr 267.716	-0.0787	ppb	0.2047	260.1	7.0962
Cu 324.754	0.8928	ppb	0.4416	49.5	-40.9460
Fe 271.441	-1.1510	ppb	2.9855	259.4	-14.9334
K 766.491	2290.01	ppb	36.1718	1.6	255793
Mg 279.078	33961.0	ppb	605.339	1.8	34302.0
Mn 257.610	0.6050	ppb	0.0148	2.4	70.9289
Mo 202.032	0.1781	ppb	0.3984	223.7	2.5769
Na 330.237	19773.9	ppb	544.284	2.8	1111.62
Ni 231.604	3.4462	ppb	1.0576	30.7	9.9897
Pb 220.353	-0.4723	ppb	2.4665	522.2	2.2313
Sb 206.834	-1.7612	ppb	4.3693	248.1	4.0432
Se 196.026	7.7018	ppb	4.3364	56.3	4.2404
Sn 189.925	6.3089	ppb	3.1226	49.5	-1.2360
Sr 216.596	626.210	ppb	9.7507	1.6	3206.65
Ti 334.941	-0.0548	ppb	0.0282	51.5	-12.5736
Tl 190.794	1.0893	ppb	3.1800	291.9	-3.9931
V 292.401	-0.0513	ppb	0.1598	311.4	8.7340
Zn 206.200	0.7813	ppb	0.4273	54.7	3.3269

680-87350-b-5-b ms (Samp) **2/20/2013, 7:21:25 PM** **Rack 2, Tube 12**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	53.0442	ppb	1.0599	2.0	1369.09
Al 308.215	5086.74	ppb	89.8307	1.8	17869.4
As 188.980	109.943	ppb	6.5332	5.9	33.7105
B 249.678	227.581	ppb	3.3376	1.5	1723.67
Ba 389.178	130.209	ppb	0.7968	0.6	1871.32
Be 313.042	52.4619	ppb	0.9077	1.7	70159.4
Ca 370.602	65909	ppb	1089	1.7	213315
Cd 226.502	50.6152	ppb	0.9201	1.8	1011.32
Co 228.615	51.0895	ppb	0.4569	0.9	345.136
Cr 267.716	102.857	ppb	2.1441	2.1	1396.53
Cu 324.754	106.372	ppb	1.6632	1.6	2624.73
Fe 271.441	5050.34	ppb	94.6264	1.9	3135.14
K 766.491	7552.50	ppb	114.288	1.5	838379
Mg 279.078	37839.8	ppb	622.419	1.6	38201.2
Mn 257.610	526.931	ppb	9.0408	1.7	44624.1
Mo 202.032	105.723	ppb	1.9908	1.9	310.382
Na 330.237	23965.1	ppb	173.924	0.7	1344.54
Ni 231.604	104.819	ppb	1.4397	1.4	255.693
Pb 220.353	49.5862	ppb	1.7659	3.6	37.6583
Sb 206.834	43.6739	ppb	5.3596	12.3	27.3472
Se 196.026	108.565	ppb	8.8099	8.1	27.1069
Sn 189.925	108.668	ppb	4.8245	4.4	49.2397
Sr 216.596	700.114	ppb	12.9468	1.8	3582.27
Ti 334.941	103.535	ppb	1.6889	1.6	17716.2
Tl 190.794	44.4012	ppb	3.0805	6.9	13.0659
V 292.401	101.764	ppb	2.0020	2.0	2424.50
Zn 206.200	98.2523	ppb	0.8459	0.9	246.202

Cont Calib Verif (CCV) **2/20/2013, 7:27:34 PM** **Rack 2, Tube 13**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	514.366	ppb	4.8668	0.9	13486.1	102.87311
Al 308.215	5129.77	ppb	29.0732	0.6	18331.2	102.59536
As 188.980	513.830	ppb	5.7686	1.1	161.140	102.76591
B 249.678	2517.71	ppb	6.8351	0.3	18352.8	100.70822
Ba 389.178	5208.90	ppb	26.4781	0.5	73546.1	104.17801
Be 313.042	515.270	ppb	2.6209	0.5	692030	103.05397
Ca 370.602	5250	ppb	21.24	0.4	16411	104.99362
Cd 226.502	516.010	ppb	3.0189	0.6	10093.1	103.20199
Co 228.615	516.691	ppb	3.4773	0.7	3619.67	103.33827
Cr 267.716	5225.27	ppb	30.0570	0.6	70629.1	104.50543
Cu 324.754	5235.89	ppb	14.8229	0.3	132509	104.71786
Fe 271.441	5114.71	ppb	34.6774	0.7	3224.75	102.29417
K 766.491	10216.8	ppb	34.3876	0.3	1132161	102.16761
Mg 279.078	5022.45	ppb	19.9754	0.4	5071.98	100.44907
Mn 257.610	5330.74	ppb	23.1991	0.4	451196	106.61485
Mo 202.032	525.615	ppb	0.1988	0.0	1529.69	105.12309
Na 330.237	7620.85	ppb	87.3990	1.1	429.352	101.61140
Ni 231.604	2600.85	ppb	12.3630	0.5	6297.91	104.03387
Pb 220.353	510.842	ppb	5.8739	1.1	366.681	102.16843
Sb 206.834	511.664	ppb	6.5436	1.3	286.896	102.33270
Se 196.026	5300.83	ppb	19.6374	0.4	1207.51	106.01665
Sn 189.925	5115.38	ppb	32.6727	0.6	2517.75	102.30762
Sr 216.596	2505.81	ppb	10.4138	0.4	12743.6	100.23228
Ti 334.941	518.749	ppb	2.5940	0.5	88946.3	103.74979
Tl 190.794	5311.58	ppb	7.5197	0.1	2112.90	106.23163
V 292.401	5085.24	ppb	20.5551	0.4	121563	101.70470
Zn 206.200	2582.03	ppb	6.1067	0.2	6421.32	103.28116

Cont Calib Blank (CCB) **2/20/2013, 7:33:42 PM** **Rack 2, Tube 14**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.5052	ppb	0.4579	90.7	-38.0069	-0.50517
Al 308.215	-5.5581	ppb	3.2734	58.9	285.087	-5.55814
As 188.980	-2.7876	ppb	7.9410	284.9	-1.5228	-2.78760
B 249.678	9.7383	ppb	2.3400	24.0	150.932	9.73833
Ba 389.178	0.6691	ppb	0.1654	24.7	-24.1832	0.66912
Be 313.042	0.0145	ppb	0.0206	142.2	-81.6261	0.01449
Ca 370.602	-0.6842	ppb	3.068	448.3	-78.81	-0.68425
Cd 226.502	-0.1641	ppb	0.2177	132.7	9.7563	-0.16406
Co 228.615	0.2461	ppb	0.6649	270.2	-12.0240	0.24611
Cr 267.716	0.2427	ppb	0.2211	91.1	11.3356	0.24266
Cu 324.754	0.2141	ppb	0.3920	183.1	60.7666	0.21409
Fe 271.441	2.9761	ppb	1.4581	49.0	-12.3620	2.97608
K 766.491	-1.2531	ppb	0.4805	38.3	2135.13	-1.25306
Mg 279.078	-7.2966	ppb	3.1801	43.6	18.6794	-7.29661
Mn 257.610	0.1966	ppb	0.0572	29.1	18.6116	0.19664
Mo 202.032	0.6541	ppb	0.6240	95.4	3.9658	0.65410
Na 330.237	-158.527	ppb	48.2849	30.5	-5.5885	-158.52734
Ni 231.604	-0.3087	ppb	1.3259	429.5	-0.1788	-0.30873
Pb 220.353	-1.5140	ppb	0.7206	47.6	1.4786	-1.51400

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sb 206.834	-2.1775	ppb	4.2449	194.9	3.3866	-2.17747
Se 196.026	0.8723	ppb	4.7819	548.2	2.6882	0.87228
Sn 189.925	5.9728	ppb	1.6228	27.2	-1.2152	5.97284
Sr 216.596	0.3500	ppb	0.2052	58.6	-2.0919	0.35001
Ti 334.941	0.1735	ppb	0.0582	33.5	-28.6716	0.17351
Tl 190.794	8.3951	ppb	4.0018	47.7	-0.5769	8.39513
V 292.401	0.0379	ppb	0.2164	571.3	10.6147	0.03789
Zn 206.200	-0.1334	ppb	0.6755	506.5	0.1008	-0.13336

680-87350-b-5-c msd (Samp) **2/20/2013, 7:39:49 PM** **Rack 2, Tube 15**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	53.2155	ppb	1.5752	3.0	1373.59
Al 308.215	4980.43	ppb	129.055	2.6	17502.4
As 188.980	107.943	ppb	5.5440	5.1	33.0857
B 249.678	231.611	ppb	5.7731	2.5	1753.08
Ba 389.178	127.989	ppb	3.8148	3.0	1839.38
Be 313.042	51.5342	ppb	1.3106	2.5	68917.3
Ca 370.602	65503	ppb	1630	2.5	212010
Cd 226.502	50.3667	ppb	1.1700	2.3	1006.28
Co 228.615	50.6785	ppb	1.6678	3.3	342.239
Cr 267.716	101.855	ppb	3.0462	3.0	1383.02
Cu 324.754	104.860	ppb	2.1643	2.1	2587.18
Fe 271.441	4954.35	ppb	135.148	2.7	3075.30
K 766.491	7544.71	ppb	138.767	1.8	837518
Mg 279.078	37462.7	ppb	919.449	2.5	37820.9
Mn 257.610	518.201	ppb	12.7624	2.5	43884.9
Mo 202.032	105.178	ppb	3.3599	3.2	308.798
Na 330.237	23723.4	ppb	500.522	2.1	1331.03
Ni 231.604	102.794	ppb	2.7916	2.7	250.777
Pb 220.353	45.9379	ppb	0.5303	1.2	35.0348
Sb 206.834	48.1250	ppb	7.9824	16.6	29.5701
Se 196.026	105.179	ppb	6.4453	6.1	26.3387
Sn 189.925	106.943	ppb	2.5646	2.4	48.3902
Sr 216.596	697.637	ppb	17.1009	2.5	3569.62
Ti 334.941	101.641	ppb	2.7059	2.7	17391.7
Tl 190.794	41.3609	ppb	5.9893	14.5	11.8629
V 292.401	100.336	ppb	2.3216	2.3	2390.51
Zn 206.200	96.3245	ppb	2.2570	2.3	241.388

mb 680-266411/1-a (Samp) **2/20/2013, 7:45:57 PM** **Rack 2, Tube 16**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0464	ppb	0.3782	815.6	-25.9558
Al 308.215	-5.8536	ppb	1.3735	23.5	284.045
As 188.980	-8.7281	ppb	3.6088	41.3	-3.3868
B 249.678	0.6993	ppb	1.1523	164.8	85.3113
Ba 389.178	-0.3513	ppb	0.7876	224.2	-38.5798
Be 313.042	0.0166	ppb	0.0114	68.4	-78.8788
Ca 370.602	1.258	ppb	1.580	125.6	-73.27
Cd 226.502	-0.0055	ppb	0.1661	3046.9	12.8608

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	0.2193	ppb	0.5827	265.7	-12.2110
Cr 267.716	0.1549	ppb	0.2464	159.1	10.1477
Cu 324.754	0.1937	ppb	0.4604	237.7	60.2532
Fe 271.441	2.8596	ppb	4.9472	173.0	-12.4343
K 766.491	4.1521	ppb	0.5450	13.1	2733.74
Mg 279.078	-2.5934	ppb	1.4705	56.7	23.4127
Mn 257.610	0.0616	ppb	0.0346	56.1	7.1844
Mo 202.032	0.2426	ppb	0.8578	353.5	2.7631
Na 330.237	-49.9912	ppb	87.4399	174.9	0.4951
Ni 231.604	0.3635	ppb	0.1224	33.7	1.4454
Pb 220.353	-0.0537	ppb	3.0584	5697.7	2.5344
Sb 206.834	-4.8075	ppb	0.5954	12.4	2.0712
Se 196.026	9.7888	ppb	6.0139	61.4	4.7139
Sn 189.925	6.0472	ppb	0.8607	14.2	-1.1785
Sr 216.596	-0.2237	ppb	0.4025	180.0	-5.0462
Ti 334.941	-0.0172	ppb	0.0223	129.5	-61.3053
Tl 190.794	7.8249	ppb	1.9129	24.4	-0.8038
V 292.401	-0.2140	ppb	0.0338	15.8	4.6408
Zn 206.200	0.2309	ppb	0.5116	221.6	1.0095

lcs 680-266411/2-a (Samp) **2/20/2013, 7:52:05 PM** **Rack 2, Tube 17**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.3303	ppb	1.7114	3.3	1324.27
Al 308.215	4845.74	ppb	222.975	4.6	17037.4
As 188.980	103.578	ppb	9.5130	9.2	31.7177
B 249.678	191.694	ppb	8.3391	4.4	1463.39
Ba 389.178	97.5766	ppb	4.3820	4.5	1357.54
Be 313.042	50.7717	ppb	2.2751	4.5	67884.3
Ca 370.602	4913	ppb	206.1	4.2	15137
Cd 226.502	49.5208	ppb	2.1896	4.4	989.527
Co 228.615	50.1848	ppb	1.5277	3.0	338.774
Cr 267.716	100.703	ppb	4.9513	4.9	1367.38
Cu 324.754	102.251	ppb	3.5560	3.5	2635.05
Fe 271.441	4908.49	ppb	223.465	4.6	3046.70
K 766.491	4932.62	ppb	170.163	3.4	548341
Mg 279.078	4829.93	ppb	195.930	4.1	4885.65
Mn 257.610	514.850	ppb	23.0518	4.5	43584.3
Mo 202.032	101.885	ppb	4.2347	4.2	299.180
Na 330.237	4569.69	ppb	256.764	5.6	257.495
Ni 231.604	99.9669	ppb	3.9738	4.0	242.894
Pb 220.353	44.9341	ppb	5.9008	13.1	34.3265
Sb 206.834	45.7111	ppb	5.3456	11.7	27.9275
Se 196.026	99.1554	ppb	7.9352	8.0	24.9706
Sn 189.925	106.289	ppb	3.7998	3.6	48.2461
Sr 216.596	99.2095	ppb	3.6791	3.7	501.510
Ti 334.941	100.939	ppb	4.4748	4.4	17218.7
Tl 190.794	46.2174	ppb	4.5584	9.9	14.2874
V 292.401	98.8632	ppb	4.3951	4.4	2355.51
Zn 206.200	98.2399	ppb	3.9277	4.0	245.258

680-87441-a-2-a (Samp) **2/20/2013, 7:58:13 PM** **Rack 2, Tube 18**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.1357	ppb	0.4125	304.0	-20.8466
Al 308.215	109.339	ppb	2.7084	2.5	681.680
As 188.980	-0.1634	ppb	7.0253	4300.6	-0.7083
B 249.678	65.1871	ppb	0.4507	0.7	552.923
Ba 389.178	18.1665	ppb	0.4424	2.4	227.479
Be 313.042	0.0204	ppb	0.0029	14.3	-71.2761
Ca 370.602	17505	ppb	71.41	0.4	56758
Cd 226.502	-0.0787	ppb	0.2765	351.6	12.0097
Co 228.615	0.8229	ppb	0.3340	40.6	-7.9522
Cr 267.716	0.3313	ppb	0.2056	62.1	12.6058
Cu 324.754	7.5679	ppb	0.3539	4.7	213.719
Fe 271.441	316.020	ppb	3.8929	1.2	182.718
K 766.491	5391.08	ppb	18.4784	0.3	599116
Mg 279.078	2683.30	ppb	13.3833	0.5	2733.16
Mn 257.610	110.359	ppb	0.3074	0.3	9344.12
Mo 202.032	1.1398	ppb	0.1149	10.1	5.3517
Na 330.237	21010.6	ppb	147.330	0.7	1180.87
Ni 231.604	2.0255	ppb	0.5535	27.3	5.5677
Pb 220.353	-3.1647	ppb	1.9222	60.7	0.2698
Sb 206.834	-2.6480	ppb	1.4034	53.0	3.2816
Se 196.026	4.0113	ppb	3.5000	87.3	3.4106
Sn 189.925	8.3110	ppb	3.6445	43.9	-0.1106
Sr 216.596	84.3755	ppb	0.5976	0.7	429.054
Ti 334.941	1.6010	ppb	0.0634	4.0	229.908
Tl 190.794	0.7294	ppb	1.9622	269.0	-3.7797
V 292.401	0.7144	ppb	0.1741	24.4	26.3615
Zn 206.200	30.3788	ppb	0.4779	1.6	76.2445

680-87441-a-2-b ms (Samp) **2/20/2013, 8:04:21 PM** **Rack 2, Tube 19**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	53.8547	ppb	0.5633	1.0	1390.94
Al 308.215	5237.86	ppb	12.1023	0.2	18391.2
As 188.980	112.476	ppb	2.2708	2.0	34.4941
B 249.678	267.830	ppb	1.1840	0.4	2015.09
Ba 389.178	120.088	ppb	0.6244	0.5	1680.59
Be 313.042	53.5815	ppb	0.1480	0.3	71649.0
Ca 370.602	22594	ppb	85.06	0.4	72506
Cd 226.502	51.7441	ppb	0.3649	0.7	1034.02
Co 228.615	52.0184	ppb	0.2467	0.5	351.655
Cr 267.716	105.664	ppb	0.3204	0.3	1434.41
Cu 324.754	115.288	ppb	0.6536	0.6	2931.55
Fe 271.441	5470.21	ppb	14.2313	0.3	3396.81
K 766.491	10599.0	ppb	17.1500	0.2	1175655
Mg 279.078	7694.86	ppb	35.4858	0.5	7775.32
Mn 257.610	649.421	ppb	1.9473	0.3	54976.0
Mo 202.032	108.225	ppb	0.7766	0.7	317.642
Na 330.237	25933.1	ppb	41.5439	0.2	1454.74
Ni 231.604	105.882	ppb	1.6307	1.5	257.327
Pb 220.353	50.1866	ppb	0.2946	0.6	38.0675

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	49.9037	ppb	1.8320	3.7	30.1759
Se 196.026	114.549	ppb	5.7533	5.0	28.4745
Sn 189.925	107.478	ppb	1.5403	1.4	48.7848
Sr 216.596	187.239	ppb	1.2263	0.7	953.050
Ti 334.941	107.386	ppb	0.2457	0.2	18336.3
Tl 190.794	45.7609	ppb	3.9402	8.6	13.9397
V 292.401	104.468	ppb	0.2217	0.2	2488.03
Zn 206.200	131.637	ppb	1.0705	0.8	328.590

680-87441-a-2-c msd (Samp) **2/20/2013, 8:10:29 PM** **Rack 2, Tube 20**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	53.1502	ppb	1.9140	3.6	1372.43
Al 308.215	5286.41	ppb	101.559	1.9	18558.8
As 188.980	113.551	ppb	4.3119	3.8	34.8307
B 249.678	268.527	ppb	6.2094	2.3	2020.14
Ba 389.178	120.571	ppb	1.8565	1.5	1687.44
Be 313.042	53.5611	ppb	1.0274	1.9	71621.6
Ca 370.602	22633	ppb	419.6	1.9	72628
Cd 226.502	52.0803	ppb	0.9589	1.8	1040.62
Co 228.615	52.8513	ppb	1.3050	2.5	357.511
Cr 267.716	105.941	ppb	2.1459	2.0	1438.15
Cu 324.754	116.922	ppb	2.9784	2.5	2972.85
Fe 271.441	5500.74	ppb	97.3729	1.8	3415.86
K 766.491	10627.5	ppb	159.396	1.5	1178811
Mg 279.078	7714.85	ppb	144.232	1.9	7795.44
Mn 257.610	650.171	ppb	12.5232	1.9	55039.4
Mo 202.032	108.439	ppb	1.2055	1.1	318.267
Na 330.237	25777.9	ppb	308.551	1.2	1446.04
Ni 231.604	105.451	ppb	2.1712	2.1	256.284
Pb 220.353	47.5689	ppb	1.6765	3.5	36.1702
Sb 206.834	45.0069	ppb	7.1006	15.8	27.7331
Se 196.026	113.286	ppb	11.1108	9.8	28.1871
Sn 189.925	106.447	ppb	2.0842	2.0	48.2764
Sr 216.596	187.751	ppb	3.1707	1.7	955.702
Ti 334.941	107.456	ppb	2.0264	1.9	18348.4
Tl 190.794	41.0328	ppb	2.4009	5.9	12.0595
V 292.401	104.352	ppb	1.9434	1.9	2485.25
Zn 206.200	131.695	ppb	3.7017	2.8	328.735

680-87447-c-31-a (Samp) **2/20/2013, 8:16:37 PM** **Rack 2, Tube 21**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2951	ppb	0.6797	230.4	-32.4876
Al 308.215	-1.0668	ppb	3.0591	286.8	300.580
As 188.980	-1.0877	ppb	3.9473	362.9	-0.9900
B 249.678	-3.7923	ppb	0.6143	16.2	52.7009
Ba 389.178	0.1962	ppb	0.7482	381.3	-30.8442
Be 313.042	0.0070	ppb	0.0021	30.3	-91.6491
Ca 370.602	27.12	ppb	0.4529	1.7	10.54
Cd 226.502	-0.0732	ppb	0.2913	398.1	11.5426

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	0.1145	ppb	0.3958	345.8	-12.9495
Cr 267.716	0.3243	ppb	0.4718	145.5	12.4370
Cu 324.754	0.4639	ppb	0.6193	133.5	67.0464
Fe 271.441	4.6458	ppb	8.4646	182.2	-11.3219
K 766.491	2.2117	ppb	0.3987	18.0	2518.81
Mg 279.078	1.1802	ppb	4.5786	387.9	27.2159
Mn 257.610	0.4999	ppb	0.0285	5.7	44.2885
Mo 202.032	0.0318	ppb	0.4141	1303.2	2.1465
Na 330.237	-97.0652	ppb	179.017	184.4	-2.1419
Ni 231.604	1.1585	ppb	0.5983	51.6	3.3730
Pb 220.353	-2.8235	ppb	2.6697	94.6	0.5318
Sb 206.834	-4.7713	ppb	5.8946	123.5	2.0924
Se 196.026	5.9640	ppb	3.4269	57.5	3.8449
Sn 189.925	5.2555	ppb	5.0270	95.7	-1.5689
Sr 216.596	-0.2102	ppb	0.0630	30.0	-5.0036
Ti 334.941	0.0133	ppb	0.0434	325.1	-56.0476
Tl 190.794	7.8192	ppb	1.9114	24.4	-0.8065
V 292.401	-0.0496	ppb	0.2618	527.5	8.5331
Zn 206.200	1.6801	ppb	0.2311	13.8	4.6218

680-87447-c-31-aSD^5 (Samp) **2/20/2013, 8:22:46 PM** **Rack 2, Tube 22**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4682	ppb	0.5137	109.7	-37.0371
Al 308.215	-3.1832	ppb	0.9632	30.3	293.250
As 188.980	-3.3597	ppb	3.4431	102.5	-1.7025
B 249.678	-4.0326	ppb	0.4071	10.1	50.9800
Ba 389.178	0.0803	ppb	0.4314	537.1	-32.4983
Be 313.042	-0.0017	ppb	0.0059	352.7	-103.335
Ca 370.602	6.108	ppb	0.9021	14.8	-56.91
Cd 226.502	-0.0949	ppb	0.1514	159.5	11.1074
Co 228.615	0.4517	ppb	0.1331	29.5	-10.5703
Cr 267.716	0.2194	ppb	0.2253	102.7	11.0223
Cu 324.754	0.3376	ppb	0.3808	112.8	63.8801
Fe 271.441	0.1944	ppb	2.6916	1384.5	-14.0756
K 766.491	-0.6079	ppb	0.4907	80.7	2206.69
Mg 279.078	-5.3759	ppb	2.3480	43.7	20.6150
Mn 257.610	0.0957	ppb	0.0432	45.1	10.0694
Mo 202.032	-0.2949	ppb	0.7289	247.1	1.1924
Na 330.237	-13.1236	ppb	30.7924	234.6	2.5632
Ni 231.604	-0.4602	ppb	0.5820	126.5	-0.5461
Pb 220.353	-3.4513	ppb	4.0540	117.5	0.0792
Sb 206.834	-3.2211	ppb	3.4314	106.5	2.8694
Se 196.026	-1.3303	ppb	12.8095	962.9	2.1877
Sn 189.925	5.5692	ppb	1.6851	30.3	-1.4142
Sr 216.596	-0.6070	ppb	0.4236	69.8	-6.9797
Ti 334.941	0.0722	ppb	0.0354	49.0	-46.0105
Tl 190.794	3.8371	ppb	3.8376	100.0	-2.3882
V 292.401	-0.2357	ppb	0.2582	109.6	4.1982
Zn 206.200	0.8957	ppb	0.6418	71.6	2.6668

680-87447-c-31-aPDS (Samp) **2/20/2013, 8:28:56 PM** **Rack 2, Tube 23**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.1551	ppb	2.2988	4.5	1318.36
Al 308.215	1972.66	ppb	91.7628	4.7	7157.54
As 188.980	2169.12	ppb	115.080	5.3	679.861
B 249.678	987.486	ppb	41.8134	4.2	7251.74
Ba 389.178	2073.02	ppb	91.1277	4.4	29247.4
Be 313.042	51.5112	ppb	2.1616	4.2	69050.2
Ca 370.602	5061	ppb	214.2	4.2	16319
Cd 226.502	51.2223	ppb	2.1449	4.2	1014.79
Co 228.615	518.220	ppb	23.6880	4.6	3633.73
Cr 267.716	206.908	ppb	8.4600	4.1	2803.49
Cu 324.754	258.578	ppb	8.0389	3.1	6584.67
Fe 271.441	1036.46	ppb	50.5116	4.9	655.420
K 766.491	5062.64	ppb	149.204	2.9	562277
Mg 279.078	4988.01	ppb	210.212	4.2	5056.40
Mn 257.610	529.763	ppb	22.3371	4.2	44852.9
Mo 202.032	535.044	ppb	22.4105	4.2	1564.87
Na 330.237	4888.97	ppb	128.254	2.6	271.408
Ni 231.604	511.991	ppb	20.0368	3.9	1240.59
Pb 220.353	504.626	ppb	14.6668	2.9	366.214
Sb 206.834	500.048	ppb	23.6979	4.7	252.401
Se 196.026	2142.72	ppb	87.3167	4.1	489.361
Sn 189.925	1015.25	ppb	41.2436	4.1	496.532
Sr 216.596	520.243	ppb	20.7939	4.0	2637.95
Ti 334.941	1028.24	ppb	43.7757	4.3	175859
Tl 190.794	2180.94	ppb	89.4722	4.1	864.418
V 292.401	509.285	ppb	22.1305	4.3	12110.9
Zn 206.200	499.320	ppb	20.6731	4.1	1244.71

mb 680-266373/1-a (Samp) **2/20/2013, 8:35:05 PM** **Rack 2, Tube 24**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4175	ppb	0.7369	176.5	-35.7042
Al 308.215	-6.3099	ppb	3.9879	63.2	282.465
As 188.980	-1.0348	ppb	0.6085	58.8	-0.9728
B 249.678	1.7018	ppb	1.7430	102.4	92.6056
Ba 389.178	0.0168	ppb	0.1556	926.7	-33.3945
Be 313.042	0.0019	ppb	0.0164	879.8	-98.6432
Ca 370.602	-0.5506	ppb	2.917	529.8	-77.97
Cd 226.502	-0.0814	ppb	0.0714	87.7	11.3635
Co 228.615	0.4738	ppb	0.5326	112.4	-10.4205
Cr 267.716	0.2833	ppb	0.4943	174.5	11.8877
Cu 324.754	-0.0978	ppb	0.2544	260.1	52.8726
Fe 271.441	-0.3070	ppb	4.7644	1551.9	-14.4012
K 766.491	-1.7546	ppb	1.0736	61.2	2079.74
Mg 279.078	-2.9430	ppb	1.9141	65.0	23.0815
Mn 257.610	0.0583	ppb	0.0138	23.7	6.8996
Mo 202.032	-0.0890	ppb	0.3492	392.2	1.7947
Na 330.237	-16.4197	ppb	35.9915	219.2	2.3808
Ni 231.604	-0.5749	ppb	0.4199	73.0	-0.8227
Pb 220.353	-0.9940	ppb	2.3126	232.6	1.8550

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-7.2294	ppb	0.5671	7.8	0.8594
Se 196.026	15.2720	ppb	6.9434	45.5	5.9598
Sn 189.925	7.6218	ppb	2.7156	35.6	-0.4022
Sr 216.596	-0.4243	ppb	0.7452	175.6	-6.0447
Ti 334.941	0.0207	ppb	0.0341	165.1	-54.8252
Tl 190.794	5.6658	ppb	6.4811	114.4	-1.6616
V 292.401	-0.2234	ppb	0.1506	67.4	4.4265
Zn 206.200	1.5971	ppb	1.0642	66.6	4.4145

Cont Calib Verif (CCV) **2/20/2013, 8:41:14 PM** **Rack 2, Tube 25**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	501.642	ppb	14.3207	2.9	13151.9	100.32831
Al 308.215	5024.55	ppb	150.219	3.0	17962.6	100.49110
As 188.980	497.555	ppb	11.4989	2.3	156.024	99.51105
B 249.678	2468.84	ppb	61.4837	2.5	17998.1	98.75346
Ba 389.178	5116.50	ppb	142.543	2.8	72240.9	102.32997
Be 313.042	505.589	ppb	14.1219	2.8	679030	101.11774
Ca 370.602	5150	ppb	138.2	2.7	16096	102.99502
Cd 226.502	506.258	ppb	14.2254	2.8	9902.60	101.25157
Co 228.615	506.882	ppb	14.4075	2.8	3550.66	101.37640
Cr 267.716	5119.61	ppb	147.628	2.9	69200.9	102.39214
Cu 324.754	5082.68	ppb	168.391	3.3	128632	101.65361
Fe 271.441	5024.81	ppb	164.074	3.3	3167.84	100.49628
K 766.491	10056.7	ppb	214.422	2.1	1114463	100.56716
Mg 279.078	4946.16	ppb	137.210	2.8	4995.37	98.92316
Mn 257.610	5233.56	ppb	143.770	2.7	442971	104.67117
Mo 202.032	517.837	ppb	12.3703	2.4	1507.10	103.56734
Na 330.237	7522.82	ppb	185.913	2.5	423.872	100.30431
Ni 231.604	2553.52	ppb	70.3666	2.8	6183.32	102.14084
Pb 220.353	498.232	ppb	19.6607	3.9	357.659	99.64643
Sb 206.834	504.621	ppb	16.3173	3.2	282.846	100.92430
Se 196.026	5193.51	ppb	157.221	3.0	1183.12	103.87012
Sn 189.925	5024.53	ppb	147.428	2.9	2472.96	100.49065
Sr 216.596	2473.86	ppb	69.5746	2.8	12581.6	98.95444
Ti 334.941	509.024	ppb	14.5321	2.9	87277.9	101.80480
Tl 190.794	5214.42	ppb	138.448	2.7	2074.18	104.28834
V 292.401	5000.31	ppb	138.546	2.8	119534	100.00621
Zn 206.200	2534.69	ppb	71.6171	2.8	6303.59	101.38742

Cont Calib Blank (CCB) **2/20/2013, 8:47:22 PM** **Rack 2, Tube 26**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.4071	ppb	0.5205	127.9	-35.4289	-0.40709
Al 308.215	-5.2984	ppb	1.1036	20.8	285.986	-5.29840
As 188.980	1.1462	ppb	3.7779	329.6	-0.2886	1.14620
B 249.678	10.8848	ppb	2.1379	19.6	159.256	10.88481
Ba 389.178	0.7064	ppb	0.5010	70.9	-23.6555	0.70635
Be 313.042	0.0197	ppb	0.0210	106.6	-74.8552	0.01966
Ca 370.602	1.810	ppb	5.021	277.4	-69.99	1.81018
Cd 226.502	0.0475	ppb	0.3003	632.3	13.8752	0.04749

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Co 228.615	0.0727	ppb	0.0958	131.7	-13.2500	0.07272
Cr 267.716	0.3710	ppb	0.1591	42.9	13.0740	0.37098
Cu 324.754	0.1111	ppb	0.4871	438.5	58.1627	0.11111
Fe 271.441	-6.6540	ppb	4.9156	73.9	-18.3707	-6.65400
K 766.491	-1.2551	ppb	0.2504	19.9	2134.86	-1.25513
Mg 279.078	-7.1002	ppb	5.5289	77.9	18.8909	-7.10018
Mn 257.610	0.1874	ppb	0.0587	31.3	17.8284	0.18741
Mo 202.032	0.4057	ppb	0.3355	82.7	3.2405	0.40566
Na 330.237	-24.0195	ppb	42.2616	175.9	1.9521	-24.01949
Ni 231.604	0.2340	ppb	0.8822	376.9	1.1349	0.23403
Pb 220.353	-4.0341	ppb	1.7579	43.6	-0.3434	-4.03405
Sb 206.834	-3.7665	ppb	0.8206	21.8	2.5942	-3.76650
Se 196.026	5.1606	ppb	3.0678	59.4	3.6626	5.16060
Sn 189.925	8.0719	ppb	3.1732	39.3	-0.1804	8.07191
Sr 216.596	-0.5590	ppb	0.2333	41.7	-6.7770	-0.55899
Ti 334.941	0.1531	ppb	0.0289	18.9	-32.1698	0.15305
Tl 190.794	8.4474	ppb	3.4016	40.3	-0.5568	8.44741
V 292.401	-0.1644	ppb	0.2462	149.7	5.6537	-0.16444
Zn 206.200	-0.2143	ppb	0.3737	174.4	-0.1011	-0.21426

lcs 680-266373/2-a (Samp) **2/20/2013, 8:53:30 PM** **Rack 2, Tube 27**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	53.4883	ppb	1.4025	2.6	1380.99
Al 308.215	5062.53	ppb	63.7745	1.3	17786.0
As 188.980	113.798	ppb	5.9019	5.2	34.9179
B 249.678	205.009	ppb	2.6441	1.3	1559.65
Ba 389.178	102.560	ppb	1.0507	1.0	1428.50
Be 313.042	53.0835	ppb	0.6330	1.2	70980.0
Ca 370.602	5126	ppb	58.69	1.1	15793
Cd 226.502	51.5877	ppb	0.5879	1.1	1030.34
Co 228.615	52.4810	ppb	1.1530	2.2	354.894
Cr 267.716	104.933	ppb	1.1775	1.1	1424.46
Cu 324.754	106.680	ppb	1.1169	1.0	2746.80
Fe 271.441	5140.33	ppb	69.8029	1.4	3191.29
K 766.491	5131.75	ppb	45.6944	0.9	570385
Mg 279.078	5067.74	ppb	57.8779	1.1	5124.96
Mn 257.610	538.702	ppb	6.2322	1.2	45603.4
Mo 202.032	107.784	ppb	0.7006	0.6	316.391
Na 330.237	4695.61	ppb	114.744	2.4	264.460
Ni 231.604	105.199	ppb	1.1138	1.1	255.574
Pb 220.353	52.2762	ppb	1.9112	3.7	39.5991
Sb 206.834	45.6895	ppb	2.3579	5.2	27.9398
Se 196.026	111.525	ppb	7.6676	6.9	27.7786
Sn 189.925	105.753	ppb	2.7327	2.6	47.9824
Sr 216.596	103.647	ppb	2.4668	2.4	524.077
Ti 334.941	105.728	ppb	1.2562	1.2	18038.3
Tl 190.794	50.9507	ppb	2.8302	5.6	16.1612
V 292.401	103.535	ppb	1.4231	1.4	2466.24
Zn 206.200	101.650	ppb	1.5801	1.6	253.755

680-87457-g-3-a (Samp) **2/20/2013, 8:59:39 PM** **Rack 2, Tube 28**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3831	ppb	0.4222	110.2	-34.2492
Al 308.215	8.8740	ppb	2.4648	27.8	334.923
As 188.980	-3.7243	ppb	2.8864	77.5	-1.8199
B 249.678	84.9582	ppb	2.2439	2.6	697.033
Ba 389.178	290.426	ppb	3.4255	1.2	4090.26
Be 313.042	0.3804	ppb	0.0130	3.4	414.533
Ca 370.602	33306	ppb	414.6	1.2	108152
Cd 226.502	0.4053	ppb	0.1428	35.2	20.9242
Co 228.615	3.8401	ppb	0.4277	11.1	13.3865
Cr 267.716	0.5387	ppb	0.0262	4.9	15.5879
Cu 324.754	1.1170	ppb	0.4584	41.0	20.9459
Fe 271.441	14.4634	ppb	6.0671	41.9	-5.0671
K 766.491	2725.36	ppb	26.3567	1.0	303930
Mg 279.078	14726.8	ppb	201.052	1.4	14889.1
Mn 257.610	177.064	ppb	2.4848	1.4	14996.0
Mo 202.032	0.2486	ppb	1.0614	426.9	2.7799
Na 330.237	15161.4	ppb	182.314	1.2	853.093
Ni 231.604	19.7883	ppb	0.6168	3.1	48.9261
Pb 220.353	-1.6971	ppb	6.5546	386.2	1.3449
Sb 206.834	-4.3869	ppb	2.5420	57.9	2.5276
Se 196.026	7.4989	ppb	1.6308	21.7	4.2214
Sn 189.925	2.2911	ppb	1.1615	50.7	-3.1274
Sr 216.596	370.436	ppb	5.5395	1.5	1894.62
Ti 334.941	0.2073	ppb	0.0552	26.6	5.8670
Tl 190.794	3.2567	ppb	1.7590	54.0	-2.8838
V 292.401	0.6445	ppb	0.1767	27.4	24.9871
Zn 206.200	7.3187	ppb	0.4254	5.8	19.0843

680-87457-g-3-b ms (Samp) **2/20/2013, 9:05:47 PM** **Rack 2, Tube 29**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	53.3401	ppb	0.2542	0.5	1377.65
Al 308.215	5134.15	ppb	54.4806	1.1	18033.3
As 188.980	103.836	ppb	6.6889	6.4	31.7897
B 249.678	288.409	ppb	2.9577	1.0	2165.11
Ba 389.178	392.538	ppb	4.3174	1.1	5546.35
Be 313.042	53.8199	ppb	0.5746	1.1	71972.2
Ca 370.602	38636	ppb	399.9	1.0	124683
Cd 226.502	51.9334	ppb	0.6512	1.3	1037.15
Co 228.615	55.2923	ppb	1.4527	2.6	374.802
Cr 267.716	105.448	ppb	1.0453	1.0	1431.67
Cu 324.754	107.341	ppb	1.0428	1.0	2700.48
Fe 271.441	5149.96	ppb	56.3280	1.1	3197.39
K 766.491	7996.81	ppb	74.8799	0.9	887509
Mg 279.078	19970.4	ppb	216.792	1.1	20165.6
Mn 257.610	716.513	ppb	7.9001	1.1	60660.7
Mo 202.032	108.119	ppb	0.7381	0.7	317.367
Na 330.237	20214.5	ppb	220.738	1.1	1134.29
Ni 231.604	122.355	ppb	2.0746	1.7	297.567
Pb 220.353	48.7030	ppb	0.3866	0.8	37.0092

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	43.3787	ppb	2.5940	6.0	27.0252
Se 196.026	118.791	ppb	5.4345	4.6	29.4572
Sn 189.925	112.399	ppb	1.7339	1.5	51.1611
Sr 216.596	475.459	ppb	5.2117	1.1	2429.73
Ti 334.941	105.800	ppb	1.0066	1.0	18079.6
Tl 190.794	45.0466	ppb	4.9522	11.0	13.5468
V 292.401	104.797	ppb	1.0800	1.0	2496.30
Zn 206.200	108.885	ppb	0.4592	0.4	272.202

680-87457-g-3-c msd (Samp) **2/20/2013, 9:11:55 PM** **Rack 2, Tube 30**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	53.1704	ppb	5.6207	10.6	1373.20
Al 308.215	5220.41	ppb	371.632	7.1	18331.1
As 188.980	108.227	ppb	5.6893	5.3	33.1648
B 249.678	290.234	ppb	20.7405	7.1	2178.21
Ba 389.178	394.574	ppb	26.7298	6.8	5575.27
Be 313.042	54.6827	ppb	3.8093	7.0	73127.5
Ca 370.602	38691	ppb	2622	6.8	124849
Cd 226.502	52.9033	ppb	3.8513	7.3	1056.26
Co 228.615	56.1767	ppb	3.6993	6.6	381.022
Cr 267.716	107.613	ppb	7.7504	7.2	1460.91
Cu 324.754	108.481	ppb	9.7235	9.0	2729.23
Fe 271.441	5240.16	ppb	373.094	7.1	3253.62
K 766.491	8044.20	ppb	452.890	5.6	892755
Mg 279.078	19969.9	ppb	1361.04	6.8	20164.8
Mn 257.610	725.961	ppb	50.0539	6.9	61460.4
Mo 202.032	109.277	ppb	8.5890	7.9	320.742
Na 330.237	20304.8	ppb	1075.62	5.3	1139.32
Ni 231.604	123.950	ppb	8.9188	7.2	301.430
Pb 220.353	49.1481	ppb	1.9019	3.9	37.3190
Sb 206.834	46.2066	ppb	6.6539	14.4	28.4505
Se 196.026	112.526	ppb	15.1918	13.5	28.0331
Sn 189.925	115.166	ppb	8.2679	7.2	52.5250
Sr 216.596	476.937	ppb	33.9557	7.1	2437.27
Ti 334.941	107.438	ppb	7.6292	7.1	18359.8
Tl 190.794	45.4459	ppb	2.6201	5.8	13.7023
V 292.401	106.109	ppb	7.2658	6.8	2527.44
Zn 206.200	109.084	ppb	7.2275	6.6	272.695

680-87457-g-4-a (Samp) **2/20/2013, 9:18:04 PM** **Rack 2, Tube 31**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3128	ppb	0.0352	11.2	-32.6886
Al 308.215	8.5753	ppb	2.6666	31.1	333.902
As 188.980	-3.0688	ppb	2.4007	78.2	-1.6136
B 249.678	204.531	ppb	3.9380	1.9	1564.87
Ba 389.178	231.927	ppb	3.4614	1.5	3262.77
Be 313.042	0.1735	ppb	0.0201	11.6	138.008
Ca 370.602	34500	ppb	633.2	1.8	112019
Cd 226.502	0.1347	ppb	0.1509	112.1	15.7600

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	0.5163	ppb	0.3604	69.8	-9.9977
Cr 267.716	1.8225	ppb	0.0955	5.2	32.8448
Cu 324.754	0.8056	ppb	0.6626	82.3	10.6726
Fe 271.441	73.1220	ppb	5.1412	7.0	31.3694
K 766.491	3146.81	ppb	46.0803	1.5	350603
Mg 279.078	13664.5	ppb	262.742	1.9	13816.9
Mn 257.610	101.703	ppb	1.7953	1.8	8617.14
Mo 202.032	-0.5168	ppb	0.6202	120.0	0.5352
Na 330.237	16622.4	ppb	142.592	0.9	934.953
Ni 231.604	6.1428	ppb	0.3599	5.9	15.8717
Pb 220.353	-5.2786	ppb	0.0941	1.8	-1.2446
Sb 206.834	-3.1210	ppb	0.5045	16.2	3.1726
Se 196.026	6.6828	ppb	2.6142	39.1	4.0225
Sn 189.925	8.7124	ppb	0.5807	6.7	0.0349
Sr 216.596	327.068	ppb	6.0305	1.8	1672.92
Ti 334.941	0.1377	ppb	0.0338	24.5	-5.0293
Tl 190.794	3.8218	ppb	7.7018	201.5	-2.6753
V 292.401	1.0196	ppb	0.1967	19.3	34.0764
Zn 206.200	2.2995	ppb	0.3807	16.6	6.5415

680-87457-g-6-a (Samp) **2/20/2013, 9:24:12 PM** **Rack 2, Tube 32**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.5267	ppb	0.6649	126.2	-38.8075
Al 308.215	292.461	ppb	1.8856	0.6	1313.92
As 188.980	-6.7361	ppb	4.6530	69.1	-2.7811
B 249.678	2.3947	ppb	0.9770	40.8	96.1745
Ba 389.178	24.1193	ppb	0.3239	1.3	312.376
Be 313.042	0.1062	ppb	0.0152	14.3	41.4405
Ca 370.602	4106	ppb	40.27	1.0	13137
Cd 226.502	0.0966	ppb	0.0696	72.0	16.5318
Co 228.615	2.2145	ppb	0.1460	6.6	1.9596
Cr 267.716	43.2062	ppb	0.4927	1.1	591.913
Cu 324.754	15.7589	ppb	0.2132	1.4	446.885
Fe 271.441	826.113	ppb	17.3620	2.1	500.541
K 766.491	1990.85	ppb	18.4337	0.9	222676
Mg 279.078	2839.45	ppb	28.9142	1.0	2889.37
Mn 257.610	31.0775	ppb	0.3798	1.2	2634.43
Mo 202.032	8.3624	ppb	0.5995	7.2	26.4046
Na 330.237	5106.37	ppb	169.696	3.3	289.272
Ni 231.604	36.5869	ppb	0.9979	2.7	89.2480
Pb 220.353	-0.7629	ppb	1.2225	160.2	1.9430
Sb 206.834	-0.3139	ppb	2.5862	823.9	4.6408
Se 196.026	0.9396	ppb	9.5253	1013.7	2.6869
Sn 189.925	9.0895	ppb	3.7018	40.7	0.3136
Sr 216.596	40.1934	ppb	0.0802	0.2	201.180
Ti 334.941	17.9001	ppb	0.1399	0.8	3009.23
Tl 190.794	6.5863	ppb	0.0157	0.2	-1.3615
V 292.401	1.1203	ppb	0.2579	23.0	33.0266
Zn 206.200	85.0743	ppb	1.2196	1.4	212.477

680-87457-g-12-a (Samp) **2/20/2013, 9:30:21 PM** **Rack 2, Tube 33**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0688	ppb	0.3671	533.8	-26.6165
Al 308.215	147.315	ppb	2.9436	2.0	812.792
As 188.980	-8.5098	ppb	5.6490	66.4	-3.3220
B 249.678	-1.2579	ppb	1.3730	109.2	70.8057
Ba 389.178	28.7518	ppb	1.2278	4.3	375.093
Be 313.042	0.1505	ppb	0.0110	7.3	100.895
Ca 370.602	2874	ppb	28.57	1.0	9236
Cd 226.502	-0.0157	ppb	0.1036	658.3	13.0084
Co 228.615	0.5142	ppb	0.5457	106.1	-10.0394
Cr 267.716	9.5292	ppb	0.4708	4.9	136.845
Cu 324.754	4.5327	ppb	0.5025	11.1	164.706
Fe 271.441	175.713	ppb	9.1182	5.2	95.2678
K 766.491	1143.23	ppb	7.2445	0.6	128834
Mg 279.078	1619.85	ppb	10.6752	0.7	1660.40
Mn 257.610	5.9342	ppb	0.0244	0.4	505.234
Mo 202.032	0.3927	ppb	0.1604	40.8	3.1830
Na 330.237	4705.78	ppb	248.169	5.3	266.977
Ni 231.604	4.7477	ppb	1.3768	29.0	12.1174
Pb 220.353	-2.3552	ppb	4.1057	174.3	0.8459
Sb 206.834	0.4234	ppb	2.9074	686.6	4.7724
Se 196.026	6.9106	ppb	2.7550	39.9	4.0565
Sn 189.925	6.0388	ppb	2.8315	46.9	-1.1889
Sr 216.596	26.0221	ppb	0.7353	2.8	129.424
Ti 334.941	7.7581	ppb	0.0851	1.1	1271.60
Tl 190.794	2.3756	ppb	4.0095	168.8	-2.9982
V 292.401	0.8581	ppb	0.1397	16.3	29.6627
Zn 206.200	16.2641	ppb	0.1944	1.2	40.9972

680-87457-g-13-a (Samp) **2/20/2013, 9:36:30 PM** **Rack 2, Tube 34**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1740	ppb	0.2840	163.2	-29.3914
Al 308.215	84.6868	ppb	6.4974	7.7	596.614
As 188.980	0.4760	ppb	2.1611	454.0	-0.5009
B 249.678	-1.0240	ppb	0.3272	32.0	72.6381
Ba 389.178	41.4521	ppb	1.9294	4.7	561.194
Be 313.042	0.1116	ppb	0.0175	15.7	49.8107
Ca 370.602	7951	ppb	228.2	2.9	25744
Cd 226.502	0.2026	ppb	0.1518	74.9	17.1317
Co 228.615	0.2404	ppb	0.4198	174.6	-11.9960
Cr 267.716	11.3873	ppb	0.6683	5.9	162.015
Cu 324.754	1.0751	ppb	0.5834	54.3	67.7389
Fe 271.441	97.9365	ppb	5.6548	5.8	46.7994
K 766.491	1042.35	ppb	25.4093	2.4	117663
Mg 279.078	5928.92	ppb	179.780	3.0	6009.64
Mn 257.610	5.3664	ppb	0.1640	3.1	459.316
Mo 202.032	0.4252	ppb	0.7190	169.1	3.2856
Na 330.237	8475.47	ppb	291.547	3.4	478.318
Ni 231.604	6.4631	ppb	1.8627	28.8	16.4011
Pb 220.353	-3.5234	ppb	0.5852	16.6	0.0086

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-2.0803	ppb	1.4876	71.5	3.5678
Se 196.026	8.9765	ppb	4.4192	49.2	4.5277
Sn 189.925	8.2774	ppb	3.3804	40.8	-0.1006
Sr 216.596	51.6253	ppb	2.1935	4.2	260.723
Ti 334.941	3.3279	ppb	0.1489	4.5	518.175
Tl 190.794	1.1123	ppb	6.2853	565.1	-3.5394
V 292.401	0.8441	ppb	0.0233	2.8	29.4441
Zn 206.200	18.3318	ppb	0.4801	2.6	46.2644

680-87382-d-5-b (Samp) **2/20/2013, 9:42:39 PM** **Rack 2, Tube 35**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.6995	ppb	0.1566	22.4	-44.3326
Al 308.215	4373.74	ppb	148.303	3.4	15398.9
As 188.980	3.9070	ppb	4.8474	124.1	0.0726
B 249.678	27.5294	ppb	0.6509	2.4	248.491
Ba 389.178	557.032	ppb	18.9294	3.4	7859.20
Be 313.042	1.0427	ppb	0.0435	4.2	1305.02
Ca 370.602	10019	ppb	287.2	2.9	29595
Cd 226.502	0.0563	ppb	0.2925	519.6	51.4451
Co 228.615	16.4660	ppb	1.0053	6.1	102.885
Cr 267.716	4.4729	ppb	0.2026	4.5	60.6036
Cu 324.754	12.6405	ppb	0.4501	3.6	362.113
Fe 271.441	18462.5	ppb	613.688	3.3	11489.8
K 766.491	4292.87	ppb	130.883	3.0	477407
Mg 279.078	6262.02	ppb	215.101	3.4	6291.74
Mn 257.610	487.800	ppb	16.1150	3.3	41302.7
Mo 202.032	-0.0498	ppb	0.5298	1063.8	-0.1028
Na 330.237	14091.6	ppb	533.094	3.8	787.588
Ni 231.604	9.3229	ppb	0.4953	5.3	24.2516
Pb 220.353	16.8689	ppb	1.1974	7.1	14.1651
Sb 206.834	0.6504	ppb	5.0088	770.2	5.2499
Se 196.026	-0.0734	ppb	8.5032	11591.9	2.0717
Sn 189.925	15.9753	ppb	1.2259	7.7	3.6976
Sr 216.596	88.8968	ppb	3.1626	3.6	457.566
Ti 334.941	31.4965	ppb	1.0944	3.5	5338.83
Tl 190.794	7.7117	ppb	1.8656	24.2	-1.7199
V 292.401	18.7359	ppb	0.5379	2.9	461.348
Zn 206.200	61.6459	ppb	1.9126	3.1	154.637

680-87382-d-5-bSD^5 (Samp) **2/20/2013, 9:48:48 PM** **Rack 2, Tube 36**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-1.1129	ppb	0.2245	20.2	-54.2349
Al 308.215	924.954	ppb	8.7862	0.9	3496.44
As 188.980	-1.8444	ppb	6.0232	326.6	-1.3312
B 249.678	1.7136	ppb	1.0587	61.8	86.1707
Ba 389.178	114.179	ppb	0.3819	0.3	1584.27
Be 313.042	0.2110	ppb	0.0094	4.5	183.550
Ca 370.602	2043	ppb	18.82	0.9	5967
Cd 226.502	-0.1928	ppb	0.2951	153.1	16.9063

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	3.3174	ppb	0.4142	12.5	9.7860
Cr 267.716	0.9866	ppb	0.2806	28.4	19.7600
Cu 324.754	2.0754	ppb	0.1594	7.7	105.191
Fe 271.441	3799.98	ppb	37.1054	1.0	2353.57
K 766.491	866.549	ppb	7.0120	0.8	98183.0
Mg 279.078	1291.16	ppb	8.1493	0.6	1317.97
Mn 257.610	99.3110	ppb	0.9849	1.0	8410.44
Mo 202.032	-0.7510	ppb	0.3409	45.4	-0.5551
Na 330.237	2868.32	ppb	16.7447	0.6	162.910
Ni 231.604	1.5889	ppb	0.5026	31.6	4.6443
Pb 220.353	2.3546	ppb	0.6131	26.0	4.1491
Sb 206.834	-3.5355	ppb	2.6940	76.2	2.8057
Se 196.026	6.1526	ppb	4.2318	68.8	3.8048
Sn 189.925	5.0366	ppb	2.8995	57.6	-1.6800
Sr 216.596	17.8346	ppb	0.5949	3.3	88.7381
Ti 334.941	8.7625	ppb	0.1018	1.2	1442.49
Tl 190.794	6.1253	ppb	6.4651	105.5	-1.6574
V 292.401	3.8211	ppb	0.2727	7.1	101.967
Zn 206.200	12.9309	ppb	0.4943	3.8	32.7773

Cont Calib Verif (CCV) **2/20/2013, 9:54:57 PM** **Rack 2, Tube 37**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	506.556	ppb	11.7395	2.3	13281.0	101.31126
Al 308.215	5015.34	ppb	90.4066	1.8	17931.1	100.30671
As 188.980	499.292	ppb	7.4545	1.5	156.569	99.85838
B 249.678	2450.40	ppb	39.0075	1.6	17864.3	98.01614
Ba 389.178	5113.38	ppb	87.9700	1.7	72196.8	102.26753
Be 313.042	504.317	ppb	8.4586	1.7	677331	100.86335
Ca 370.602	5148	ppb	86.73	1.7	16091	102.95448
Cd 226.502	506.217	ppb	8.4919	1.7	9901.79	101.24345
Co 228.615	504.709	ppb	8.7244	1.7	3535.40	100.94178
Cr 267.716	5106.31	ppb	85.0343	1.7	69021.1	102.12615
Cu 324.754	5059.61	ppb	116.412	2.3	128048	101.19225
Fe 271.441	5017.00	ppb	83.6871	1.7	3162.99	100.34001
K 766.491	10023.9	ppb	138.475	1.4	1110826	100.23859
Mg 279.078	4946.75	ppb	93.8687	1.9	4996.01	98.93500
Mn 257.610	5231.03	ppb	86.4228	1.7	442757	104.62058
Mo 202.032	519.161	ppb	9.3951	1.8	1510.96	103.83229
Na 330.237	7414.13	ppb	141.426	1.9	417.785	98.85505
Ni 231.604	2553.76	ppb	44.7505	1.8	6183.90	102.15051
Pb 220.353	499.160	ppb	11.8749	2.4	358.330	99.83209
Sb 206.834	496.368	ppb	11.2347	2.3	278.723	99.27367
Se 196.026	5162.96	ppb	102.222	2.0	1176.18	103.25917
Sn 189.925	4987.71	ppb	71.8184	1.4	2454.80	99.75411
Sr 216.596	2475.61	ppb	41.4435	1.7	12590.5	99.02435
Ti 334.941	509.722	ppb	8.5461	1.7	87397.3	101.94441
Tl 190.794	5214.72	ppb	88.6583	1.7	2074.30	104.29437
V 292.401	5007.57	ppb	83.3044	1.7	119708	100.15136
Zn 206.200	2540.05	ppb	43.4490	1.7	6316.96	101.60201

Cont Calib Blank (CCB) **2/20/2013, 10:01:06 PM** **Rack 2, Tube 38**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.3858	ppb	0.1877	48.7	-34.8719	-0.38580
Al 308.215	-5.1330	ppb	1.2441	24.2	286.539	-5.13297
As 188.980	2.5262	ppb	7.0673	279.8	0.1440	2.52623
B 249.678	9.1060	ppb	1.7277	19.0	146.338	9.10600
Ba 389.178	0.6563	ppb	0.6896	105.1	-24.3555	0.65635
Be 313.042	0.0250	ppb	0.0077	30.8	-67.6920	0.02498
Ca 370.602	-1.555	ppb	0.4493	28.9	-82.32	-1.55505
Cd 226.502	-0.0677	ppb	0.1311	193.6	11.6441	-0.06775
Co 228.615	0.3795	ppb	0.1134	29.9	-11.0872	0.37952
Cr 267.716	0.3418	ppb	0.3206	93.8	12.6760	0.34185
Cu 324.754	0.3621	ppb	0.3926	108.4	64.5219	0.36215
Fe 271.441	4.8146	ppb	10.1143	210.1	-11.2129	4.81464
K 766.491	-0.9939	ppb	0.2385	24.0	2163.77	-0.99392
Mg 279.078	1.0652	ppb	3.9577	371.5	27.1065	1.06519
Mn 257.610	0.1097	ppb	0.0331	30.2	11.2540	0.10968
Mo 202.032	0.2832	ppb	0.2872	101.4	2.8816	0.28315
Na 330.237	-52.4217	ppb	90.8094	173.2	0.3585	-52.42167
Ni 231.604	0.2663	ppb	0.6193	232.5	1.2148	0.26632
Pb 220.353	-1.5810	ppb	1.6372	103.6	1.4303	-1.58100
Sb 206.834	-4.1935	ppb	1.7343	41.4	2.3737	-4.19346
Se 196.026	5.7401	ppb	9.4114	164.0	3.7940	5.74006
Sn 189.925	9.2297	ppb	2.5498	27.6	0.3904	9.22967
Sr 216.596	-0.9843	ppb	0.4119	41.8	-8.9428	-0.98433
Ti 334.941	0.0525	ppb	0.0879	167.4	-49.3859	0.05250
Tl 190.794	9.4658	ppb	4.4726	47.3	-0.1514	9.46575
V 292.401	-0.1841	ppb	0.1155	62.8	5.3179	-0.18405
Zn 206.200	0.0564	ppb	0.2692	476.9	0.5746	0.05644

680-87382-d-5-bPDS (Samp) **2/20/2013, 10:07:15 PM** **Rack 2, Tube 39**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.0083	ppb	1.6604	3.3	1313.25
Al 308.215	6453.62	ppb	123.336	1.9	22622.5
As 188.980	2194.81	ppb	54.4859	2.5	687.425
B 249.678	1021.29	ppb	17.5755	1.7	7466.07
Ba 389.178	2622.35	ppb	46.7930	1.8	37031.1
Be 313.042	52.9383	ppb	0.9708	1.8	70973.0
Ca 370.602	14938	ppb	251.1	1.7	45575
Cd 226.502	51.2376	ppb	1.0680	2.1	1051.89
Co 228.615	532.909	ppb	9.6927	1.8	3738.02
Cr 267.716	211.083	ppb	3.8263	1.8	2852.11
Cu 324.754	273.376	ppb	7.9342	2.9	6946.14
Fe 271.441	19206.1	ppb	380.941	2.0	11977.0
K 766.491	9337.72	ppb	125.829	1.3	1035442
Mg 279.078	11277.9	ppb	226.675	2.0	11351.1
Mn 257.610	1006.31	ppb	18.0487	1.8	85201.5
Mo 202.032	541.689	ppb	11.3754	2.1	1582.31
Na 330.237	18720.4	ppb	487.363	2.6	1041.12
Ni 231.604	526.248	ppb	11.3877	2.2	1276.19
Pb 220.353	521.179	ppb	7.6267	1.5	377.567

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	507.903	ppb	7.6462	1.5	256.734
Se 196.026	2120.46	ppb	31.9733	1.5	483.907
Sn 189.925	1032.96	ppb	22.8161	2.2	505.251
Sr 216.596	609.546	ppb	9.4651	1.6	3101.21
Ti 334.941	1072.99	ppb	19.8264	1.8	183523
Tl 190.794	2173.87	ppb	35.7061	1.6	860.763
V 292.401	533.038	ppb	10.2946	1.9	12682.6
Zn 206.200	561.664	ppb	11.9942	2.1	1400.65

680-87094-a-7-b (Samp) **2/20/2013, 10:13:23 PM** **Rack 2, Tube 40**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	77.2795b	ppb	2.1523	2.8	2765.69
Al 308.215	7150.31b	ppb	137.693	1.9	24980.6
As 188.980	-119.456b	ppb	12.0988	10.1	-38.5711
B 249.678	-51.0573b	ppb	0.4213	0.8	-322.471
Ba 389.178	95.3093b	ppb	2.2657	2.4	1319.97
Be 313.042	0.6028b	ppb	0.0103	1.7	638.897
Ca 370.602	17460b	ppb	333.3	1.9	59054
Cd 226.502	-6.0832b	ppb	0.3528	5.8	-74.3069
Co 228.615	-73.9324b	ppb	3.0260	4.1	-848.720
Cr 267.716	113.083b	ppb	1.8771	1.7	1750.29
Cu 324.754	105.932b	ppb	1.7851	1.7	2705.17
Fe 271.441	17717.9b	ppb	322.206	1.8	11019.9
K 766.491	-oxb	ppb	5268.80	1.3	44132044
Mg 279.078	-14.0132b	ppb	14.8329	105.8	-353.972
Mn 257.610	-xb	ppb	2014.27	1.0	17590026
Mo 202.032	15.5622b	ppb	0.6994	4.5	45.7141
Na 330.237	-xb	ppb	23772.5	1.6	85221.1
Ni 231.604	-2.5762b	ppb	1.9900	77.2	-4.7695
Pb 220.353	412.272b	ppb	4.2587	1.0	299.529
Sb 206.834	4084.52b	ppb	1.4347	0.0	5.9421
Se 196.026	642.641b	ppb	40.1696	6.3	180.641
Sn 189.925	-xb	ppb	16853.9	1.2	703428
Sr 216.596	47.7409b	ppb	1.0940	2.3	246.949
Ti 334.941	255.280b	ppb	4.8211	1.9	43569.9
Tl 190.794	-1259.70b	ppb	20.8069	1.7	-505.823
V 292.401	-6.2186b	ppb	0.5781	9.3	-506.872
Zn 206.200	304.873b	ppb	6.7531	2.2	759.931

680-87094-a-7-b^100 (Samp) **2/20/2013, 10:19:32 PM** **Rack 2, Tube 41**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.6163b	ppb	0.3867	62.7	-3.0440
Al 308.215	60.8497b	ppb	1.2221	2.0	514.249
As 188.980	2.6168b	ppb	1.9021	72.7	0.1681
B 249.678	-1.4948b	ppb	0.4331	29.0	69.0747
Ba 389.178	0.9623b	ppb	1.0924	113.5	-19.9531
Be 313.042	-0.0002b	ppb	0.0015	650.4	-101.053
Ca 370.602	107.4b	ppb	0.3281	0.3	499.2
Cd 226.502	-0.1642b	ppb	0.1051	64.0	10.0861

F02202013.wvq. All Data Report 2/22/2013, 10:38:18 AM

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	0.4846b	ppb	0.6910	142.6	-20.4217
Cr 267.716	0.7574b	ppb	0.3420	45.2	28.8700
Cu 324.754	1.0399b	ppb	0.7666	73.7	81.3639
Fe 271.441	185.191b	ppb	5.6713	3.1	101.128
K 766.491	8001.46b	ppb	183.214	2.3	888115
Mg 279.078	15.2862b	ppb	3.3808	22.1	25.3368
Mn 257.610	10313.6b	ppb	264.134	2.6	872924
Mo 202.032	0.1210b	ppb	0.8707	719.5	2.3893
Na 330.237	11395.5b	ppb	201.222	1.8	641.948
Ni 231.604	-0.6829b	ppb	0.4897	71.7	-1.0740
Pb 220.353	0.7450b	ppb	4.0087	538.1	3.1018
Sb 206.834	124.078b	ppb	1.1149	0.9	1.7656
Se 196.026	8.9916b	ppb	1.3025	14.5	6.1449
Sn 189.925	-xb	ppb	712.919	1.6	21997.9
Sr 216.596	0.2315b	ppb	0.2324	100.4	-2.6190
Ti 334.941	2.6251b	ppb	0.0462	1.8	390.467
Tl 190.794	-4.0488b	ppb	2.8769	71.1	-5.5346
V 292.401	0.4526b	ppb	0.2826	62.4	3.1402
Zn 206.200	5.2986b	ppb	0.7761	14.6	13.6368

680-87094-a-7-b^500 (Samp) **2/20/2013, 10:25:40 PM** **Rack 2, Tube 42**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4688	ppb	0.1607	34.3	-28.7877
Al 308.215	11.7976	ppb	1.2074	10.2	344.951
As 188.980	-11.0097	ppb	5.6167	51.0	-4.1034
B 249.678	-3.1882	ppb	0.7512	23.6	57.0404
Ba 389.178	0.1787	ppb	1.0439	584.1	-31.0923
Be 313.042	0.0014	ppb	0.0096	668.4	-99.1321
Ca 370.602	24.80	ppb	3.027	12.2	53.90
Cd 226.502	-0.0258	ppb	0.0596	231.2	12.5219
Co 228.615	0.6403	ppb	0.3060	47.8	-11.4004
Cr 267.716	0.2603	ppb	0.4058	155.9	13.8823
Cu 324.754	0.3024	ppb	0.2123	70.2	62.9366
Fe 271.441	36.0180	ppb	8.6570	24.0	8.2235
K 766.491	1723.80	ppb	27.7120	1.6	193115
Mg 279.078	-0.0305	ppb	3.9218	12867.2	22.5011
Mn 257.610	2250.19	ppb	40.4558	1.8	190454
Mo 202.032	-0.6742	ppb	0.5427	80.5	0.0806
Na 330.237	2216.88	ppb	92.6058	4.2	127.540
Ni 231.604	0.4669	ppb	0.8807	188.6	1.7007
Pb 220.353	-1.0992	ppb	2.6827	244.1	1.7768
Sb 206.834	22.0364	ppb	1.5517	7.0	1.6632
Se 196.026	7.1358	ppb	5.3900	75.5	4.4630
Sn 189.925	9579.13	ppb	149.368	1.6	4718.23
Sr 216.596	-0.5758	ppb	0.2979	51.7	-6.8377
Ti 334.941	0.6013	ppb	0.0522	8.7	44.4614
Tl 190.794	5.5143	ppb	2.3818	43.2	-1.7239
V 292.401	-0.1380	ppb	0.2444	177.1	2.7044
Zn 206.200	1.0687	ppb	0.2799	26.2	3.0966

X (Samp) **2/20/2013, 10:31:49 PM** **Rack 2, Tube 43**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.5250	ppb	0.4817	91.8	-38.5295
Al 308.215	-4.5507	ppb	0.7980	17.5	288.514
As 188.980	-5.3366	ppb	6.2080	116.3	-2.3229
B 249.678	-4.0528	ppb	1.0225	25.2	50.8251
Ba 389.178	0.0609	ppb	0.8102	1331.2	-32.7695
Be 313.042	-0.0001	ppb	0.0141	19574.2	-101.120
Ca 370.602	-3.889	ppb	2.462	63.3	-89.59
Cd 226.502	0.0898	ppb	0.0525	58.5	14.7141
Co 228.615	0.0919	ppb	0.1839	200.2	-13.0914
Cr 267.716	0.1398	ppb	0.1043	74.6	9.9441
Cu 324.754	0.2433	ppb	0.3850	158.2	61.5129
Fe 271.441	4.3803	ppb	4.0419	92.3	-11.4920
K 766.491	0.5310	ppb	0.1988	37.4	2332.76
Mg 279.078	-4.5429	ppb	3.0055	66.2	21.4524
Mn 257.610	0.0883	ppb	0.0289	32.7	9.4478
Mo 202.032	-0.5409	ppb	0.3003	55.5	0.4734
Na 330.237	-54.6018	ppb	179.610	328.9	0.2367
Ni 231.604	0.1519	ppb	0.3738	246.1	0.9348
Pb 220.353	0.6568	ppb	2.2023	335.3	3.0493
Sb 206.834	-2.8833	ppb	4.7059	163.2	3.0307
Se 196.026	-0.1323	ppb	4.6822	3540.0	2.4599
Sn 189.925	11.1497	ppb	1.1873	10.6	1.3369
Sr 216.596	-0.0489	ppb	0.4749	971.1	-4.1287
Ti 334.941	0.0529	ppb	0.0097	18.3	-49.3151
Tl 190.794	6.0583	ppb	0.8081	13.3	-1.5053
V 292.401	-0.2057	ppb	0.0670	32.6	5.0505
Zn 206.200	-0.1267	ppb	0.1902	150.1	0.1184

mb 680-266183/1-a (Samp) **2/20/2013, 10:37:57 PM** **Rack 2, Tube 44**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.1463	ppb	0.3044	208.1	-20.8956
Al 308.215	-3.3264	ppb	2.9478	88.6	292.749
As 188.980	-1.4361	ppb	3.7499	261.1	-1.0989
B 249.678	-2.6853	ppb	0.2766	10.3	60.7540
Ba 389.178	0.4127	ppb	0.7874	190.8	-27.8042
Be 313.042	0.0060	ppb	0.0023	37.9	-92.9662
Ca 370.602	1.469	ppb	2.430	165.4	-71.75
Cd 226.502	0.0051	ppb	0.0485	941.4	13.0571
Co 228.615	0.0069	ppb	0.1191	1713.3	-13.6940
Cr 267.716	0.3165	ppb	0.1762	55.7	12.3353
Cu 324.754	-0.2628	ppb	0.2266	86.2	48.6908
Fe 271.441	1.3878	ppb	2.8999	209.0	-13.3572
K 766.491	1.2258	ppb	0.3618	29.5	2409.62
Mg 279.078	-4.1273	ppb	4.2370	102.7	21.8796
Mn 257.610	0.2458	ppb	0.0332	13.5	22.7741
Mo 202.032	-0.2557	ppb	0.4206	164.5	1.3074
Na 330.237	-70.8013	ppb	301.897	426.4	-0.6688
Ni 231.604	-0.3587	ppb	0.2810	78.3	-0.2981
Pb 220.353	-1.3466	ppb	1.3554	100.7	1.6006

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-1.5964	ppb	6.9634	436.2	3.6748
Se 196.026	12.5533	ppb	0.5660	4.5	5.3421
Sn 189.925	9.8759	ppb	2.4217	24.5	0.7089
Sr 216.596	-0.7035	ppb	0.5717	81.3	-7.4742
Ti 334.941	-0.0595	ppb	0.0577	97.1	-68.5231
Tl 190.794	5.6069	ppb	0.5946	10.6	-1.6850
V 292.401	-0.1885	ppb	0.1937	102.8	5.3828
Zn 206.200	0.6402	ppb	0.7166	111.9	2.0291

lcs 680-266183/2-a (Samp) **2/20/2013, 10:44:06 PM** **Rack 2, Tube 45**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	53.8534	ppb	0.8191	1.5	1390.58
Al 308.215	5106.64	ppb	93.7287	1.8	17938.3
As 188.980	103.046	ppb	9.0812	8.8	31.5436
B 249.678	199.713	ppb	3.8603	1.9	1521.12
Ba 389.178	103.329	ppb	1.5768	1.5	1439.50
Be 313.042	53.4011	ppb	0.9663	1.8	71405.4
Ca 370.602	5172	ppb	79.91	1.5	15934
Cd 226.502	52.1596	ppb	1.2142	2.3	1041.60
Co 228.615	53.0108	ppb	0.7414	1.4	358.620
Cr 267.716	106.075	ppb	2.4266	2.3	1439.88
Cu 324.754	107.866	ppb	1.3881	1.3	2776.74
Fe 271.441	5188.01	ppb	101.564	2.0	3221.01
K 766.491	5126.00	ppb	59.8095	1.2	569748
Mg 279.078	5113.12	ppb	114.034	2.2	5170.61
Mn 257.610	543.664	ppb	9.7020	1.8	46023.4
Mo 202.032	108.340	ppb	2.4387	2.3	318.008
Na 330.237	4633.26	ppb	92.6209	2.0	260.948
Ni 231.604	105.573	ppb	2.6391	2.5	256.484
Pb 220.353	52.1194	ppb	1.3119	2.5	39.4797
Sb 206.834	48.8496	ppb	1.6347	3.3	29.5217
Se 196.026	108.132	ppb	2.4742	2.3	27.0073
Sn 189.925	112.271	ppb	2.9253	2.6	51.1956
Sr 216.596	103.522	ppb	0.8702	0.8	523.438
Ti 334.941	106.548	ppb	1.8068	1.7	18178.6
Tl 190.794	47.6281	ppb	5.6936	12.0	14.8385
V 292.401	104.561	ppb	1.4811	1.4	2490.71
Zn 206.200	103.035	ppb	1.5279	1.5	257.208

680-87350-b-6-a (Samp) **2/20/2013, 10:50:15 PM** **Rack 2, Tube 46**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4496	ppb	0.2968	66.0	-36.7650
Al 308.215	3.9284	ppb	3.4009	86.6	317.787
As 188.980	-2.3093	ppb	3.7631	163.0	-1.3736
B 249.678	27.9321	ppb	0.1777	0.6	283.037
Ba 389.178	30.9344	ppb	0.4537	1.5	458.072
Be 313.042	0.0084	ppb	0.0035	41.3	-77.3415
Ca 370.602	63302	ppb	334.1	0.5	205616
Cd 226.502	0.2737	ppb	0.3332	121.7	18.4521

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	0.8230	ppb	0.2014	24.5	-7.9383
Cr 267.716	-0.2925	ppb	0.2980	101.9	4.2006
Cu 324.754	0.5153	ppb	0.8076	156.7	-50.5971
Fe 271.441	0.7677	ppb	6.5526	853.6	-13.7243
K 766.491	2266.23	ppb	9.3892	0.4	253160
Mg 279.078	34299.8	ppb	248.562	0.7	34644.0
Mn 257.610	0.2664	ppb	0.0064	2.4	42.4249
Mo 202.032	-0.2199	ppb	0.6098	277.3	1.4130
Na 330.237	19823.0	ppb	97.1108	0.5	1114.37
Ni 231.604	3.9227	ppb	0.6678	17.0	11.1540
Pb 220.353	-0.5238	ppb	5.9504	1136.0	2.1951
Sb 206.834	0.3892	ppb	0.6539	168.0	5.1188
Se 196.026	7.5832	ppb	12.5721	165.8	4.2132
Sn 189.925	9.4991	ppb	5.8369	61.4	0.3366
Sr 216.596	635.424	ppb	3.0893	0.5	3253.87
Ti 334.941	-0.0850	ppb	0.0219	25.8	-17.6757
Tl 190.794	6.1747	ppb	4.5939	74.4	-1.9710
V 292.401	-0.2850	ppb	0.1511	53.0	3.3230
Zn 206.200	0.2884	ppb	0.3785	131.2	2.1070

680-87350-b-6-b ms (Samp) **2/20/2013, 10:56:25 PM** **Rack 2, Tube 47**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.9455	ppb	1.8718	3.6	1340.23
Al 308.215	5077.06	ppb	198.928	3.9	17836.0
As 188.980	109.784	ppb	6.6269	6.0	33.6610
B 249.678	227.836	ppb	9.0639	4.0	1725.57
Ba 389.178	131.654	ppb	4.6803	3.6	1894.68
Be 313.042	52.2476	ppb	2.0026	3.8	69873.3
Ca 370.602	68974	ppb	2566	3.7	223276
Cd 226.502	50.4753	ppb	1.8458	3.7	1008.55
Co 228.615	51.4662	ppb	1.7067	3.3	347.791
Cr 267.716	102.447	ppb	4.0216	3.9	1391.00
Cu 324.754	105.616	ppb	3.7140	3.5	2599.84
Fe 271.441	5031.45	ppb	182.073	3.6	3123.38
K 766.491	7647.51	ppb	237.923	3.1	848897
Mg 279.078	39728.8	ppb	1435.83	3.6	40107.9
Mn 257.610	526.930	ppb	19.9200	3.8	44625.0
Mo 202.032	104.316	ppb	3.2335	3.1	306.271
Na 330.237	25202.0	ppb	855.018	3.4	1413.87
Ni 231.604	105.621	ppb	4.2788	4.1	257.690
Pb 220.353	49.3193	ppb	5.4965	11.1	37.4670
Sb 206.834	47.5197	ppb	7.4454	15.7	29.2931
Se 196.026	105.250	ppb	5.8481	5.6	26.3543
Sn 189.925	109.562	ppb	4.9787	4.5	49.6713
Sr 216.596	739.335	ppb	26.0351	3.5	3783.31
Ti 334.941	103.537	ppb	3.7693	3.6	17719.0
Tl 190.794	37.3368	ppb	6.8155	18.3	10.2342
V 292.401	101.970	ppb	3.9771	3.9	2429.54
Zn 206.200	97.7020	ppb	3.3878	3.5	244.882

680-87350-b-6-c msd (Samp) **2/20/2013, 11:02:34 PM** **Rack 2, Tube 48**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	53.2333	ppb	0.7836	1.5	1374.06
Al 308.215	5121.12	ppb	92.8654	1.8	17988.2
As 188.980	114.334	ppb	7.3098	6.4	35.0873
B 249.678	229.511	ppb	3.0617	1.3	1737.62
Ba 389.178	132.572	ppb	2.2701	1.7	1908.02
Be 313.042	52.7039	ppb	0.9309	1.8	70484.3
Ca 370.602	69266	ppb	1207	1.7	224218
Cd 226.502	50.8012	ppb	0.8119	1.6	1015.03
Co 228.615	51.6064	ppb	0.8568	1.7	348.769
Cr 267.716	103.142	ppb	1.8480	1.8	1400.38
Cu 324.754	106.297	ppb	2.8571	2.7	2616.55
Fe 271.441	5087.65	ppb	99.8146	2.0	3158.40
K 766.491	7692.55	ppb	119.275	1.6	853884
Mg 279.078	40046.5	ppb	693.253	1.7	40428.3
Mn 257.610	531.658	ppb	9.2858	1.7	45025.3
Mo 202.032	106.338	ppb	1.7592	1.7	312.173
Na 330.237	25190.8	ppb	732.742	2.9	1413.23
Ni 231.604	104.967	ppb	1.8452	1.8	256.121
Pb 220.353	48.8495	ppb	3.7864	7.8	37.1203
Sb 206.834	41.4688	ppb	2.8510	6.9	26.2679
Se 196.026	104.179	ppb	3.7382	3.6	26.1103
Sn 189.925	109.349	ppb	6.4286	5.9	49.5660
Sr 216.596	743.128	ppb	12.8109	1.7	3802.77
Ti 334.941	104.545	ppb	1.8269	1.7	17891.8
Tl 190.794	47.6463	ppb	5.2868	11.1	14.3282
V 292.401	102.690	ppb	1.8154	1.8	2446.50
Zn 206.200	99.0450	ppb	1.9466	2.0	248.235

Cont Calib Verif (CCV) **2/20/2013, 11:08:43 PM** **Rack 2, Tube 49**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	495.815	ppb	12.8006	2.6	12998.9	99.16305
Al 308.215	4979.36	ppb	107.820	2.2	17804.3	99.58723
As 188.980	492.309	ppb	6.0101	1.2	154.374	98.46180
B 249.678	2434.51	ppb	35.3047	1.5	17749.0	97.38029
Ba 389.178	5081.20	ppb	99.9938	2.0	71742.2	101.62398
Be 313.042	500.499	ppb	9.4970	1.9	672201	100.09983
Ca 370.602	5110	ppb	91.29	1.8	15972	102.19189
Cd 226.502	500.567	ppb	9.0069	1.8	9791.44	100.11337
Co 228.615	501.504	ppb	10.1141	2.0	3512.87	100.30083
Cr 267.716	5073.98	ppb	105.126	2.1	68584.2	101.47952
Cu 324.754	5012.93	ppb	115.785	2.3	126867	100.25866
Fe 271.441	4976.55	ppb	97.0073	1.9	3137.35	99.53091
K 766.491	9971.20	ppb	127.107	1.3	1105004	99.71196
Mg 279.078	4901.54	ppb	105.433	2.2	4950.56	98.03081
Mn 257.610	5194.63	ppb	99.0838	1.9	439676	103.89264
Mo 202.032	513.881	ppb	11.2374	2.2	1495.60	102.77620
Na 330.237	7440.39	ppb	113.996	1.5	419.267	99.20515
Ni 231.604	2532.39	ppb	48.6721	1.9	6132.15	101.29541
Pb 220.353	492.618	ppb	9.5326	1.9	353.642	98.52353

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sb 206.834	493.469	ppb	11.0317	2.2	277.046	98.69378
Se 196.026	5105.53	ppb	81.5601	1.6	1163.12	102.11059
Sn 189.925	4972.85	ppb	78.3776	1.6	2447.48	99.45700
Sr 216.596	2452.49	ppb	47.6896	1.9	12472.9	98.09976
Ti 334.941	505.616	ppb	9.4411	1.9	86692.9	101.12311
Tl 190.794	5172.10	ppb	71.0759	1.4	2057.32	103.44196
V 292.401	4964.46	ppb	101.232	2.0	118677	99.28924
Zn 206.200	2519.66	ppb	51.0175	2.0	6266.26	100.78655

Cont Calib Blank (CCB) **2/20/2013, 11:14:52 PM** **Rack 2, Tube 50**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.6745	ppb	0.4651	69.0	-42.4570	-0.67454
Al 308.215	-5.3390	ppb	3.1277	58.6	285.819	-5.33898
As 188.980	-0.2707	ppb	3.3988	1255.4	-0.7335	-0.27074
B 249.678	10.6940	ppb	3.2668	30.5	157.873	10.69395
Ba 389.178	0.4058	ppb	0.5433	133.9	-27.9000	0.40578
Be 313.042	0.0057	ppb	0.0093	163.6	-93.4092	0.00568
Ca 370.602	-2.771	ppb	1.587	57.3	-85.88	-2.77126
Cd 226.502	-0.0091	ppb	0.0645	708.7	12.7829	-0.00911
Co 228.615	0.2225	ppb	0.1872	84.1	-12.1819	0.22251
Cr 267.716	0.1587	ppb	0.4950	311.9	10.1999	0.15870
Cu 324.754	-0.1325	ppb	0.1597	120.5	52.0014	-0.13251
Fe 271.441	-4.0298	ppb	7.4952	186.0	-16.7248	-4.02983
K 766.491	-0.4237	ppb	0.5770	136.2	2227.00	-0.42370
Mg 279.078	-3.4490	ppb	1.5804	45.8	22.5579	-3.44895
Mn 257.610	0.0658	ppb	0.0444	67.5	7.5382	0.06581
Mo 202.032	0.6928	ppb	0.9210	132.9	4.0788	0.69281
Na 330.237	7.1742	ppb	90.2516	1258.0	3.6990	7.17417
Ni 231.604	0.4531	ppb	0.2912	64.3	1.6641	0.45308
Pb 220.353	0.3286	ppb	1.5084	459.0	2.8115	0.32864
Sb 206.834	-3.5205	ppb	3.2737	93.0	2.7135	-3.52051
Se 196.026	8.7593	ppb	7.1027	81.1	4.4800	8.75931
Sn 189.925	7.3130	ppb	1.4912	20.4	-0.5545	7.31302
Sr 216.596	-1.4262	ppb	0.2533	17.8	-11.2043	-1.42617
Ti 334.941	0.0212	ppb	0.0737	348.5	-54.7569	0.02116
Tl 190.794	6.7317	ppb	0.9523	14.1	-1.2377	6.73170
V 292.401	-0.0355	ppb	0.0943	265.6	9.0092	-0.03550
Zn 206.200	-0.3341	ppb	0.5581	167.0	-0.3988	-0.33413

680-87350-b-7-a (Samp) **2/20/2013, 11:21:00 PM** **Rack 2, Tube 51**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3315	ppb	0.3041	91.7	-33.6648
Al 308.215	5.0377	ppb	2.3001	45.7	321.658
As 188.980	-4.2600	ppb	5.8284	136.8	-1.9866
B 249.678	32.0163	ppb	0.9573	3.0	312.578
Ba 389.178	30.8483	ppb	0.7518	2.4	455.683
Be 313.042	0.0046	ppb	0.0110	236.9	-82.2772
Ca 370.602	62951	ppb	1329	2.1	204465
Cd 226.502	0.1699	ppb	0.2327	137.0	16.5406

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	0.6931	ppb	0.3818	55.1	-8.8646
Cr 267.716	-0.0294	ppb	0.2414	820.5	7.7274
Cu 324.754	0.2726	ppb	0.6161	226.0	-56.0831
Fe 271.441	56.2434	ppb	13.1139	23.3	20.8488
K 766.491	2232.72	ppb	38.7548	1.7	249451
Mg 279.078	33543.3	ppb	737.983	2.2	33880.3
Mn 257.610	0.6176	ppb	0.0354	5.7	71.7837
Mo 202.032	-0.1677	ppb	0.5403	322.2	1.5586
Na 330.237	19252.3	ppb	427.085	2.2	1082.36
Ni 231.604	2.5969	ppb	1.4674	56.5	7.9244
Pb 220.353	-2.1813	ppb	2.1587	99.0	0.9948
Sb 206.834	-4.3976	ppb	3.9579	90.0	2.7210
Se 196.026	6.1478	ppb	3.6045	58.6	3.8856
Sn 189.925	10.7304	ppb	2.5885	24.1	0.9445
Sr 216.596	615.614	ppb	14.6083	2.4	3152.40
Ti 334.941	-0.0059	ppb	0.0656	1106.9	-4.4398
Tl 190.794	1.5843	ppb	2.6182	165.3	-3.7962
V 292.401	0.0984	ppb	0.0437	44.4	12.2904
Zn 206.200	-0.1377	ppb	0.2474	179.7	1.0230

680-87350-b-8-a (Samp) **2/20/2013, 11:27:09 PM** **Rack 2, Tube 52**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2980	ppb	0.7936	266.3	-32.7872
Al 308.215	4.1744	ppb	2.7274	65.3	318.651
As 188.980	-4.0654	ppb	8.1004	199.3	-1.9263
B 249.678	30.7957	ppb	1.5055	4.9	303.697
Ba 389.178	30.8780	ppb	0.4634	1.5	459.121
Be 313.042	0.0298	ppb	0.0038	12.6	-48.6372
Ca 370.602	63546	ppb	1438	2.3	206396
Cd 226.502	0.2787	ppb	0.2467	88.5	18.6926
Co 228.615	0.4702	ppb	0.2898	61.6	-10.4159
Cr 267.716	-0.1399	ppb	0.2586	184.8	6.2424
Cu 324.754	1.3559	ppb	0.2011	14.8	-29.7213
Fe 271.441	74.3704	ppb	3.9000	5.2	32.1232
K 766.491	2343.74	ppb	44.1996	1.9	261742
Mg 279.078	35399.0	ppb	777.675	2.2	35753.1
Mn 257.610	3.9185	ppb	0.0454	1.2	352.135
Mo 202.032	-1.1075	ppb	0.8128	73.4	-1.1894
Na 330.237	21732.4	ppb	381.957	1.8	1221.37
Ni 231.604	3.7309	ppb	0.0867	2.3	10.7285
Pb 220.353	-4.1044	ppb	4.9144	119.7	-0.3937
Sb 206.834	-3.0788	ppb	5.3078	172.4	3.3905
Se 196.026	-0.9837	ppb	5.2422	532.9	2.2656
Sn 189.925	7.3645	ppb	1.5197	20.6	-0.7161
Sr 216.596	647.626	ppb	14.7387	2.3	3316.41
Ti 334.941	-0.0669	ppb	0.0445	66.5	-14.4146
Tl 190.794	6.3305	ppb	2.2992	36.3	-1.9142
V 292.401	0.1437	ppb	0.2081	144.8	13.5978
Zn 206.200	0.4252	ppb	0.3261	76.7	2.4794

680-87350-b-9-a (Samp) **2/20/2013, 11:33:18 PM** **Rack 2, Tube 53**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-1.1013	ppb	0.1775	16.1	-53.8997
Al 308.215	0.4982	ppb	2.0550	412.4	305.953
As 188.980	-1.3183	ppb	1.2668	96.1	-1.0641
B 249.678	30.3522	ppb	0.9759	3.2	300.518
Ba 389.178	31.3750	ppb	1.4982	4.8	466.949
Be 313.042	0.0038	ppb	0.0107	280.4	-82.7301
Ca 370.602	66576	ppb	1158	1.7	216246
Cd 226.502	0.3948	ppb	0.1368	34.7	20.9221
Co 228.615	0.7129	ppb	0.6576	92.2	-8.7090
Cr 267.716	-0.1789	ppb	0.6166	344.7	5.7228
Cu 324.754	1.4401	ppb	0.5445	37.8	-33.3501
Fe 271.441	52.8327	ppb	4.0091	7.6	18.7144
K 766.491	2430.21	ppb	32.7189	1.3	271314
Mg 279.078	35921.4	ppb	647.170	1.8	36280.4
Mn 257.610	1.0283	ppb	0.0168	1.6	107.784
Mo 202.032	-0.3436	ppb	0.5548	161.5	1.0454
Na 330.237	21871.9	ppb	288.606	1.3	1229.19
Ni 231.604	4.7911	ppb	0.3434	7.2	13.3105
Pb 220.353	-3.8222	ppb	2.8072	73.4	-0.1890
Sb 206.834	-5.1306	ppb	3.0117	58.7	2.3794
Se 196.026	9.0368	ppb	3.1719	35.1	4.5422
Sn 189.925	9.2957	ppb	2.6140	28.1	0.2268
Sr 216.596	665.166	ppb	11.4390	1.7	3406.36
Ti 334.941	-0.0894	ppb	0.0449	50.2	-15.6211
Tl 190.794	6.6732	ppb	7.6535	114.7	-1.8012
V 292.401	-0.0049	ppb	0.0464	949.4	10.0740
Zn 206.200	1.0672	ppb	0.5605	52.5	4.0942

680-87350-b-10-a (Samp) **2/20/2013, 11:39:26 PM** **Rack 2, Tube 54**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.5302	ppb	0.1672	31.5	-38.8911
Al 308.215	1.9679	ppb	4.8850	248.2	311.041
As 188.980	-2.2090	ppb	0.2725	12.3	-1.3422
B 249.678	29.4159	ppb	0.7331	2.5	293.788
Ba 389.178	32.5988	ppb	0.2666	0.8	483.465
Be 313.042	0.0107	ppb	0.0065	60.8	-73.6090
Ca 370.602	66102	ppb	178.0	0.3	214714
Cd 226.502	0.2422	ppb	0.0560	23.1	17.8616
Co 228.615	0.8742	ppb	0.8139	93.1	-7.5801
Cr 267.716	-0.2724	ppb	0.2742	100.6	4.4761
Cu 324.754	0.6392	ppb	0.5535	86.6	-52.7531
Fe 271.441	12.5181	ppb	13.8521	110.7	-6.3998
K 766.491	2394.76	ppb	9.4500	0.4	267389
Mg 279.078	35459.0	ppb	148.393	0.4	35813.8
Mn 257.610	0.6015	ppb	0.0349	5.8	71.4062
Mo 202.032	-0.1101	ppb	0.4391	398.7	1.7321
Na 330.237	21882.5	ppb	293.311	1.3	1229.79
Ni 231.604	3.4850	ppb	0.8456	24.3	10.1312
Pb 220.353	-2.1793	ppb	3.5835	164.4	0.9983

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-3.9221	ppb	3.2164	82.0	2.9797
Se 196.026	11.0405	ppb	3.2776	29.7	4.9984
Sn 189.925	7.3479	ppb	0.1445	2.0	-0.7320
Sr 216.596	659.727	ppb	1.5991	0.2	3378.50
Ti 334.941	-0.0731	ppb	0.0432	59.1	-13.2415
Tl 190.794	1.0180	ppb	3.4982	343.6	-4.0443
V 292.401	0.0533	ppb	0.0427	80.1	11.3837
Zn 206.200	-0.4893	ppb	0.4591	93.8	0.2003

680-87382-d-2-d (Samp) **2/20/2013, 11:45:35 PM** **Rack 2, Tube 55**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-1.0123	ppb	0.3281	32.4	-51.4280
Al 308.215	13.1182	ppb	0.6411	4.9	349.573
As 188.980	-8.3748	ppb	3.0383	36.3	-3.2751
B 249.678	101.564	ppb	0.4161	0.4	817.586
Ba 389.178	44.1064	ppb	0.6731	1.5	605.044
Be 313.042	0.0017	ppb	0.0151	899.4	-77.2522
Ca 370.602	98125	ppb	658.9	0.7	318770
Cd 226.502	0.0985	ppb	0.1133	115.0	14.8271
Co 228.615	1.0502	ppb	0.0621	5.9	-6.3344
Cr 267.716	0.4973	ppb	0.3833	77.1	14.9009
Cu 324.754	0.2957	ppb	0.2846	96.2	-123.867
Fe 271.441	-3.9470	ppb	8.0733	204.5	-16.6348
K 766.491	5685.87	ppb	30.5866	0.5	631746
Mg 279.078	9976.21	ppb	67.6574	0.7	10094.8
Mn 257.610	1.8279	ppb	0.0659	3.6	162.211
Mo 202.032	-0.4847	ppb	0.6338	130.7	0.6395
Na 330.237	23312.6	ppb	226.826	1.0	1309.96
Ni 231.604	0.5245	ppb	0.7596	144.8	2.1515
Pb 220.353	-1.6105	ppb	3.4787	216.0	1.4077
Sb 206.834	-2.8754	ppb	1.3518	47.0	3.7425
Se 196.026	7.7203	ppb	7.6784	99.5	4.2450
Sn 189.925	8.3564	ppb	2.9318	35.1	-0.3309
Sr 216.596	263.146	ppb	1.7155	0.7	1347.89
Ti 334.941	-0.0073	ppb	0.0247	337.8	25.1468
Tl 190.794	0.2317	ppb	7.1684	3094.0	-4.6137
V 292.401	0.7194	ppb	0.2585	35.9	27.0188
Zn 206.200	0.3966	ppb	0.6433	162.2	1.6964

680-87382-d-2-dSD^5 (Samp) **2/20/2013, 11:51:43 PM** **Rack 2, Tube 56**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3168	ppb	0.5384	169.9	-33.0786
Al 308.215	-2.1857	ppb	4.1280	188.9	296.706
As 188.980	-4.3322	ppb	1.6707	38.6	-2.0074
B 249.678	16.3186	ppb	1.0640	6.5	198.732
Ba 389.178	9.2452	ppb	0.4810	5.2	100.003
Be 313.042	0.0028	ppb	0.0121	436.5	-93.0936
Ca 370.602	18830	ppb	537.1	2.9	61112
Cd 226.502	0.0484	ppb	0.0664	137.3	13.8743

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	-0.0509	ppb	0.7099	1393.6	-14.0913
Cr 267.716	0.1707	ppb	0.1775	104.0	10.3888
Cu 324.754	-0.0535	ppb	0.3289	615.3	18.1682
Fe 271.441	-1.1069	ppb	5.7906	523.1	-14.9107
K 766.491	1070.77	ppb	25.9117	2.4	120816
Mg 279.078	1954.78	ppb	55.0001	2.8	1998.99
Mn 257.610	0.3363	ppb	0.0534	15.9	31.5017
Mo 202.032	-0.7663	ppb	0.7003	91.4	-0.1841
Na 330.237	4370.32	ppb	342.531	7.8	248.255
Ni 231.604	0.9349	ppb	0.5111	54.7	2.8908
Pb 220.353	-0.2050	ppb	1.2524	610.9	2.4259
Sb 206.834	-3.0441	ppb	1.8583	61.0	3.0885
Se 196.026	7.1654	ppb	1.6454	23.0	4.1184
Sn 189.925	7.7870	ppb	0.6321	8.1	-0.3767
Sr 216.596	50.8171	ppb	1.6050	3.2	257.137
Ti 334.941	0.0202	ppb	0.0345	170.8	-38.6351
Tl 190.794	3.3529	ppb	2.4926	74.3	-2.7327
V 292.401	0.1886	ppb	0.2573	136.4	14.4422
Zn 206.200	-0.3984	ppb	0.4463	112.0	-0.5063

680-87382-d-2-dPDS (Samp) **2/20/2013, 11:57:52 PM** **Rack 2, Tube 57**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	53.4464	ppb	0.2170	0.4	1378.42
Al 308.215	2109.67	ppb	20.1541	1.0	7632.35
As 188.980	2282.12	ppb	30.6203	1.3	715.316
B 249.678	1132.31	ppb	11.0939	1.0	8303.07
Ba 389.178	2195.55	ppb	24.0369	1.1	30993.5
Be 313.042	53.7118	ppb	0.6163	1.1	72024.5
Ca 370.602	100378	ppb	1093	1.1	326041
Cd 226.502	52.9542	ppb	0.5959	1.1	1048.61
Co 228.615	531.070	ppb	2.8273	0.5	3724.27
Cr 267.716	215.218	ppb	2.5388	1.2	2915.89
Cu 324.754	272.259	ppb	2.1394	0.8	6749.30
Fe 271.441	1056.86	ppb	17.9132	1.7	668.755
K 766.491	11151.9	ppb	100.255	0.9	1236384
Mg 279.078	14907.5	ppb	183.567	1.2	15067.9
Mn 257.610	551.689	ppb	6.2328	1.1	46714.6
Mo 202.032	558.637	ppb	4.5305	0.8	1633.79
Na 330.237	28056.4	ppb	283.176	1.0	1569.68
Ni 231.604	529.546	ppb	10.7783	2.0	1283.42
Pb 220.353	525.367	ppb	11.8538	2.3	381.154
Sb 206.834	524.287	ppb	2.8732	0.5	265.095
Se 196.026	2228.06	ppb	34.1968	1.5	508.751
Sn 189.925	1069.01	ppb	16.6895	1.6	522.765
Sr 216.596	796.906	ppb	7.9112	1.0	4057.99
Ti 334.941	1071.11	ppb	12.8569	1.2	183274
Tl 190.794	2257.54	ppb	23.4405	1.0	894.141
V 292.401	530.493	ppb	6.9342	1.3	12614.4
Zn 206.200	515.889	ppb	5.0883	1.0	1286.27

680-87382-d-3-b (Samp) **2/21/2013, 12:04:01 AM** **Rack 2, Tube 58**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2764	ppb	0.1824	66.0	-32.0245
Al 308.215	5.9589	ppb	8.0718	135.5	324.857
As 188.980	1.8209	ppb	5.7018	313.1	-0.0795
B 249.678	116.323	ppb	9.3500	8.0	924.559
Ba 389.178	43.9833	ppb	3.2543	7.4	593.630
Be 313.042	0.0478	ppb	0.0304	63.5	-28.9574
Ca 370.602	39116	ppb	3305	8.4	127015
Cd 226.502	0.0231	ppb	0.1586	686.4	13.5545
Co 228.615	2.2496	ppb	0.4308	19.2	2.0739
Cr 267.716	0.1937	ppb	0.2719	140.3	10.7047
Cu 324.754	2.8748	ppb	0.7416	25.8	53.7072
Fe 271.441	87.2608	ppb	3.1477	3.6	40.2387
K 766.491	5651.67	ppb	362.605	6.4	627960
Mg 279.078	3854.67	ppb	321.668	8.3	3916.22
Mn 257.610	7.6342	ppb	0.6494	8.5	650.306
Mo 202.032	0.5233	ppb	0.4928	94.2	3.5748
Na 330.237	12131.0	ppb	624.037	5.1	683.211
Ni 231.604	2.7135	ppb	0.3578	13.2	7.2619
Pb 220.353	-1.1147	ppb	1.0679	95.8	1.7643
Sb 206.834	0.4030	ppb	3.9277	974.6	4.9598
Se 196.026	27.7733	ppb	9.0211	32.5	8.7991
Sn 189.925	8.1687	ppb	3.2735	40.1	-0.2480
Sr 216.596	193.617	ppb	15.9064	8.2	989.452
Ti 334.941	0.0899	ppb	0.0613	68.2	-9.3317
Tl 190.794	2.8176	ppb	3.4396	122.1	-3.1120
V 292.401	0.2791	ppb	0.3199	114.6	16.2340
Zn 206.200	3.6000	ppb	1.8336	50.9	9.5162

680-87382-d-4-b (Samp) **2/21/2013, 12:10:10 AM** **Rack 2, Tube 59**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1343	ppb	0.3244	241.5	-28.2001
Al 308.215	56.1704	ppb	3.3903	6.0	496.164
As 188.980	-3.9044	ppb	14.7900	378.8	-2.2654
B 249.678	228.937	ppb	1.6733	0.7	1716.69
Ba 389.178	29.2689	ppb	0.6965	2.4	406.001
Be 313.042	0.0269	ppb	0.0114	42.5	-59.1308
Ca 370.602	40761	ppb	361.6	0.9	130065
Cd 226.502	0.1189	ppb	0.2255	189.6	44.9401
Co 228.615	3.2917	ppb	0.5029	15.3	9.6211
Cr 267.716	0.0857	ppb	0.4919	573.9	3.3559
Cu 324.754	1.2515	ppb	0.5086	40.6	14.4347
Fe 271.441	14783.4	ppb	148.889	1.0	9196.88
K 766.491	5857.60	ppb	40.4345	0.7	650762
Mg 279.078	7330.39	ppb	63.0435	0.9	7380.46
Mn 257.610	662.726	ppb	6.0938	0.9	56106.4
Mo 202.032	0.6017	ppb	0.4857	80.7	2.1860
Na 330.237	41201.0	ppb	302.061	0.7	2308.25
Ni 231.604	6.9277	ppb	0.2550	3.7	18.3115
Pb 220.353	-0.3525	ppb	3.2227	914.2	2.1758

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-6.7707	ppb	1.5332	22.6	1.7018
Se 196.026	3.4473	ppb	1.0682	31.0	2.9944
Sn 189.925	10.5161	ppb	3.8432	36.5	0.9126
Sr 216.596	188.028	ppb	1.6773	0.9	965.437
Ti 334.941	0.7597	ppb	0.1004	13.2	105.795
Tl 190.794	8.0232	ppb	2.1426	26.7	-1.6959
V 292.401	0.2459	ppb	0.1479	60.2	16.9648
Zn 206.200	12.2873	ppb	0.2943	2.4	31.5615

680-87382-d-6-b (Samp) **2/21/2013, 12:16:19 AM** **Rack 2, Tube 60**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3515	ppb	0.1995	56.8	-34.0673
Al 308.215	11.1650	ppb	3.6147	32.4	342.838
As 188.980	-3.7540	ppb	2.1616	57.6	-1.8257
B 249.678	101.934	ppb	0.8505	0.8	820.250
Ba 389.178	42.3605	ppb	0.9276	2.2	580.013
Be 313.042	0.0083	ppb	0.0071	85.0	-68.8723
Ca 370.602	96329	ppb	962.2	1.0	312933
Cd 226.502	-0.0340	ppb	0.1249	367.5	12.2515
Co 228.615	0.4704	ppb	0.5417	115.1	-10.4191
Cr 267.716	0.8710	ppb	0.2195	25.2	19.9494
Cu 324.754	0.3771	ppb	0.4146	109.9	-118.415
Fe 271.441	-4.2745	ppb	8.2336	192.6	-16.8654
K 766.491	5562.79	ppb	52.0349	0.9	618120
Mg 279.078	9721.35	ppb	108.176	1.1	9837.60
Mn 257.610	1.8269	ppb	0.0466	2.6	161.996
Mo 202.032	0.2829	ppb	1.2628	446.4	2.8828
Na 330.237	22614.7	ppb	144.833	0.6	1270.84
Ni 231.604	2.2766	ppb	0.4663	20.5	6.3840
Pb 220.353	-1.0707	ppb	5.1255	478.7	1.7969
Sb 206.834	-2.2847	ppb	1.4305	62.6	4.0306
Se 196.026	14.6806	ppb	8.9793	61.2	5.8262
Sn 189.925	6.4884	ppb	2.2176	34.2	-1.2466
Sr 216.596	258.693	ppb	3.3337	1.3	1324.95
Ti 334.941	-0.0371	ppb	0.0742	199.8	18.5320
Tl 190.794	9.4046	ppb	7.4039	78.7	-0.9541
V 292.401	0.4919	ppb	0.3082	62.7	21.4119
Zn 206.200	0.8587	ppb	0.7532	87.7	2.8413

Cont Calib Verif (CCV) **2/21/2013, 12:22:29 AM** **Rack 3, Tube 1**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	496.531	ppb	9.0527	1.8	13017.6	99.30624
Al 308.215	4965.91	ppb	53.5573	1.1	17757.4	99.31811
As 188.980	490.572	ppb	0.8564	0.2	153.829	98.11446
B 249.678	2425.13	ppb	19.4516	0.8	17680.8	97.00504
Ba 389.178	5079.48	ppb	55.2005	1.1	71717.9	101.58964
Be 313.042	499.474	ppb	5.6020	1.1	670824	99.89474
Ca 370.602	5111	ppb	58.91	1.2	15976	102.22572
Cd 226.502	499.912	ppb	5.5703	1.1	9778.65	99.98232

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Co 228.615	500.851	ppb	6.3596	1.3	3508.27	100.17024
Cr 267.716	5078.14	ppb	53.2147	1.0	68640.5	101.56277
Cu 324.754	5006.87	ppb	43.0593	0.9	126714	100.13732
Fe 271.441	4981.83	ppb	57.7798	1.2	3140.55	99.63658
K 766.491	9890.75	ppb	83.5254	0.8	1096099	98.90754
Mg 279.078	4880.77	ppb	55.6201	1.1	4929.60	97.61541
Mn 257.610	5186.36	ppb	54.7554	1.1	438976	103.72717
Mo 202.032	513.390	ppb	4.9771	1.0	1494.18	102.67804
Na 330.237	7440.44	ppb	54.5191	0.7	419.262	99.20592
Ni 231.604	2527.26	ppb	27.1237	1.1	6119.72	101.09022
Pb 220.353	490.076	ppb	7.7814	1.6	351.808	98.01522
Sb 206.834	500.952	ppb	6.6824	1.3	280.843	100.19038
Se 196.026	5060.89	ppb	46.4583	0.9	1152.98	101.21785
Sn 189.925	4970.54	ppb	59.0264	1.2	2446.34	99.41071
Sr 216.596	2449.74	ppb	25.6103	1.0	12458.9	97.98967
Ti 334.941	504.687	ppb	5.5028	1.1	86533.9	100.93740
Tl 190.794	5143.64	ppb	53.5479	1.0	2045.99	102.87276
V 292.401	4955.27	ppb	54.6876	1.1	118457	99.10535
Zn 206.200	2509.92	ppb	28.8458	1.1	6241.97	100.39664

Cont Calib Blank (CCB) **2/21/2013, 12:28:38 AM** **Rack 3, Tube 2**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.6896	ppb	0.4762	69.0	-42.8514	-0.68962
Al 308.215	-7.7130	ppb	4.4833	58.1	277.677	-7.71303
As 188.980	-0.5947	ppb	2.0199	339.6	-0.8347	-0.59475
B 249.678	10.4609	ppb	1.0251	9.8	156.171	10.46094
Ba 389.178	0.5256	ppb	0.4235	80.6	-26.2045	0.52556
Be 313.042	0.0212	ppb	0.0046	21.7	-72.6278	0.02115
Ca 370.602	0.7864	ppb	2.426	308.5	-74.06	0.78636
Cd 226.502	-0.1084	ppb	0.2441	225.1	10.8420	-0.10843
Co 228.615	-0.1740	ppb	0.4270	245.4	-14.9848	-0.17398
Cr 267.716	0.4798	ppb	0.3661	76.3	14.5408	0.47982
Cu 324.754	0.4000	ppb	0.2672	66.8	65.4671	0.40001
Fe 271.441	-1.0492	ppb	0.7963	75.9	-14.8756	-1.04925
K 766.491	-0.6282	ppb	0.6584	104.8	2204.28	-0.62816
Mg 279.078	-3.1020	ppb	2.7048	87.2	22.9126	-3.10204
Mn 257.610	0.1092	ppb	0.0921	84.3	11.2136	0.10924
Mo 202.032	0.8187	ppb	0.5348	65.3	4.4465	0.81873
Na 330.237	-67.1913	ppb	116.468	173.3	-0.4680	-67.19128
Ni 231.604	-0.7555	ppb	0.9324	123.4	-1.2573	-0.75547
Pb 220.353	-3.4540	ppb	2.0362	59.0	0.0759	-3.45399
Sb 206.834	-1.8419	ppb	1.4555	79.0	3.5541	-1.84188
Se 196.026	5.1410	ppb	6.1253	119.1	3.6580	5.14096
Sn 189.925	8.5321	ppb	3.2929	38.6	0.0465	8.53208
Sr 216.596	-0.3908	ppb	0.2818	72.1	-5.8817	-0.39082
Ti 334.941	0.0652	ppb	0.0361	55.4	-47.1882	0.06520
Tl 190.794	8.4447	ppb	2.7918	33.1	-0.5577	8.44474
V 292.401	0.2841	ppb	0.1897	66.8	16.4038	0.28409
Zn 206.200	0.2125	ppb	0.3986	187.6	0.9624	0.21251

680-87382-d-7-b (Samp) **2/21/2013, 12:34:47 AM** **Rack 3, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2105	ppb	0.3515	166.9	-33.6179
Al 308.215	9.7982	ppb	0.9785	10.0	334.017
As 188.980	-1.1146	ppb	5.0711	455.0	-1.8134
B 249.678	18.9137	ppb	0.4499	2.4	164.572
Ba 389.178	323.166	ppb	6.2396	1.9	4566.64
Be 313.042	0.0232	ppb	0.0017	7.5	-67.1750
Ca 370.602	18625	ppb	334.8	1.8	55630
Cd 226.502	0.4708	ppb	0.2309	49.1	83.9047
Co 228.615	3.6034	ppb	0.5269	14.6	12.1810
Cr 267.716	-0.4436	ppb	0.2050	46.2	-11.4402
Cu 324.754	0.9968	ppb	0.6196	62.2	55.2880
Fe 271.441	30708.4	ppb	563.807	1.8	19119.2
K 766.491	3883.88	ppb	60.9786	1.6	432183
Mg 279.078	4490.66	ppb	102.789	2.3	4468.47
Mn 257.610	402.343	ppb	7.9106	2.0	34075.9
Mo 202.032	0.3391	ppb	0.1111	32.8	-0.3380
Na 330.237	20872.7	ppb	120.619	0.6	1164.23
Ni 231.604	18.4537	ppb	2.1473	11.6	46.9173
Pb 220.353	-4.2808	ppb	3.5824	83.7	-0.8056
Sb 206.834	-4.2386	ppb	1.9155	45.2	3.1664
Se 196.026	8.3105	ppb	4.5509	54.8	3.6457
Sn 189.925	9.0051	ppb	4.6131	51.2	0.2326
Sr 216.596	83.3129	ppb	1.6426	2.0	432.834
Ti 334.941	0.2610	ppb	0.1202	46.0	2.4222
Tl 190.794	8.2170	ppb	5.4305	66.1	-2.1340
V 292.401	1.1017	ppb	0.2973	27.0	40.8960
Zn 206.200	44.7667	ppb	0.5108	1.1	112.767

680-87382-d-8-b (Samp) **2/21/2013, 12:40:57 AM** **Rack 3, Tube 4**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.5363	ppb	0.2891	53.9	-36.7337
Al 308.215	144.853	ppb	12.9342	8.9	803.088
As 188.980	39.9470	ppb	6.6422	16.6	11.6465
B 249.678	15.6910	ppb	0.7727	4.9	178.915
Ba 389.178	3290.74	ppb	156.739	4.8	46465.7
Be 313.042	0.6071	ppb	0.0354	5.8	721.119
Ca 370.602	53573	ppb	2519	4.7	172636
Cd 226.502	0.7809	ppb	0.2451	31.4	46.0630
Co 228.615	1.6549	ppb	0.4442	26.8	-0.3449
Cr 267.716	0.5243	ppb	0.1017	19.4	12.2022
Cu 324.754	13.8313	ppb	0.5975	4.3	307.073
Fe 271.441	8844.01	ppb	424.569	4.8	5496.22
K 766.491	10274.8	ppb	377.354	3.7	1139028
Mg 279.078	18675.1	ppb	890.048	4.8	18847.2
Mn 257.610	983.565	ppb	45.1495	4.6	83264.1
Mo 202.032	0.4015	ppb	1.0917	271.9	2.2553
Na 330.237	16636.9	ppb	859.733	5.2	933.212
Ni 231.604	20.1035	ppb	0.8857	4.4	50.2606
Pb 220.353	12.0092	ppb	6.9786	58.1	11.1556

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-4.4880	ppb	3.9237	87.4	2.8084
Se 196.026	6.2314	ppb	9.9081	159.0	3.8309
Sn 189.925	7.5278	ppb	1.8650	24.8	-0.6047
Sr 216.596	452.173	ppb	21.0377	4.7	2316.92
Ti 334.941	2.8300	ppb	0.1528	5.4	472.443
Tl 190.794	0.7794	ppb	4.7400	608.1	-4.4228
V 292.401	0.6082	ppb	0.1193	19.6	24.2158
Zn 206.200	30.5815	ppb	1.3129	4.3	77.3636

680-87382-d-9-b (Samp) **2/21/2013, 12:47:06 AM** **Rack 3, Tube 5**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.9011	ppb	0.4408	48.9	-48.4373
Al 308.215	67.3517	ppb	6.0869	9.0	535.077
As 188.980	0.0646	ppb	5.5313	8562.5	-0.9602
B 249.678	277.466	ppb	8.0964	2.9	2072.84
Ba 389.178	62.9030	ppb	1.8092	2.9	893.139
Be 313.042	0.0460	ppb	0.0167	36.2	-28.4091
Ca 370.602	54564	ppb	1817	3.3	175267
Cd 226.502	0.0507	ppb	0.1648	325.3	39.2229
Co 228.615	1.8781	ppb	0.1682	9.0	-0.3267
Cr 267.716	-0.0888	ppb	0.1562	175.9	1.7757
Cu 324.754	1.8002	ppb	0.3497	19.4	1.6827
Fe 271.441	12530.4	ppb	398.288	3.2	7793.09
K 766.491	15334.0	ppb	412.332	2.7	1699879
Mg 279.078	16339.9	ppb	525.234	3.2	16480.2
Mn 257.610	556.383	ppb	18.2252	3.3	47109.2
Mo 202.032	0.4879	ppb	1.1817	242.2	2.1009
Na 330.237	13138.3	ppb	331.699	2.5	736.007
Ni 231.604	3.4947	ppb	0.8968	25.7	10.1765
Pb 220.353	-3.5988	ppb	4.0014	111.2	-0.1510
Sb 206.834	-2.2193	ppb	5.6215	253.3	4.0331
Se 196.026	8.4135	ppb	10.7980	128.3	4.1643
Sn 189.925	9.0196	ppb	1.8185	20.2	0.1271
Sr 216.596	213.109	ppb	6.6655	3.1	1093.83
Ti 334.941	0.5297	ppb	0.0095	1.8	80.0100
Tl 190.794	3.3869	ppb	4.8592	143.5	-3.5551
V 292.401	0.5146	ppb	0.3183	61.9	23.4364
Zn 206.200	2.4837	ppb	0.7869	31.7	7.3279

680-87382-d-10-b (Samp) **2/21/2013, 12:53:16 AM** **Rack 3, Tube 6**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4556	ppb	0.1209	26.5	-40.2222
Al 308.215	1261.08	ppb	18.3876	1.5	4649.22
As 188.980	-4.8455	ppb	3.9845	82.2	-3.7433
B 249.678	26.6122	ppb	0.8136	3.1	170.982
Ba 389.178	443.863	ppb	5.6658	1.3	6314.08
Be 313.042	0.0648	ppb	0.0091	14.1	-7.7555
Ca 370.602	36346	ppb	423.3	1.2	108742
Cd 226.502	-0.5193	ppb	0.1763	33.9	122.273

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	1.9693	ppb	0.1196	6.1	1.3340
Cr 267.716	1.7005	ppb	0.1993	11.7	5.8097
Cu 324.754	1.9482	ppb	0.2590	13.3	55.1347
Fe 271.441	59319.9	ppb	895.765	1.5	36946.0
K 766.491	8892.83	ppb	99.8429	1.1	986693
Mg 279.078	13835.2	ppb	161.896	1.2	13814.7
Mn 257.610	1601.00	ppb	19.0806	1.2	135550
Mo 202.032	0.5270	ppb	1.4396	273.2	-2.9334
Na 330.237	40365.8	ppb	443.457	1.1	2248.23
Ni 231.604	6.2994	ppb	1.3659	21.7	19.2381
Pb 220.353	-3.2295	ppb	3.0617	94.8	-0.4349
Sb 206.834	-8.4320	ppb	2.9624	35.1	1.8293
Se 196.026	0.5631	ppb	2.5493	452.8	1.3318
Sn 189.925	7.4364	ppb	0.7285	9.8	-0.5829
Sr 216.596	184.769	ppb	2.0874	1.1	962.769
Ti 334.941	14.6893	ppb	0.1376	0.9	2486.33
Tl 190.794	1.1907	ppb	3.8354	322.1	-6.3255
V 292.401	4.9158	ppb	0.1343	2.7	135.071
Zn 206.200	3.3853	ppb	0.3250	9.6	10.4264

mb 680-266547/1-a (Samp) **2/21/2013, 12:59:25 AM** **Rack 3, Tube 7**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.4621	ppb	0.2609	56.5	-12.6004
Al 308.215	-6.8809	ppb	4.4115	64.1	280.501
As 188.980	-2.2872	ppb	3.2183	140.7	-1.3659
B 249.678	-2.4648	ppb	0.1461	5.9	62.3551
Ba 389.178	0.1716	ppb	0.4939	287.8	-31.2074
Be 313.042	-0.0034	ppb	0.0095	276.6	-105.637
Ca 370.602	0.1166	ppb	0.8894	762.8	-76.24
Cd 226.502	-0.1409	ppb	0.2522	179.0	10.2085
Co 228.615	0.4155	ppb	0.2341	56.3	-10.8282
Cr 267.716	0.0792	ppb	0.3711	468.6	9.1256
Cu 324.754	-0.2004	ppb	0.4956	247.2	50.2740
Fe 271.441	5.7774	ppb	9.3229	161.4	-10.6085
K 766.491	0.5171	ppb	1.2900	249.5	2331.16
Mg 279.078	-3.0302	ppb	3.1858	105.1	22.9853
Mn 257.610	0.0639	ppb	0.0345	54.0	7.3782
Mo 202.032	0.0570	ppb	0.4982	873.9	2.2209
Na 330.237	-56.1831	ppb	166.706	296.7	0.1503
Ni 231.604	-0.3202	ppb	0.3625	113.2	-0.2065
Pb 220.353	-2.1493	ppb	5.6011	260.6	1.0201
Sb 206.834	-4.1378	ppb	2.1543	52.1	2.4092
Se 196.026	7.0904	ppb	0.6896	9.7	4.1009
Sn 189.925	6.2602	ppb	5.5732	89.0	-1.0735
Sr 216.596	-0.7137	ppb	0.5194	72.8	-7.5326
Ti 334.941	0.0198	ppb	0.0642	323.3	-54.9639
Tl 190.794	7.5177	ppb	3.1572	42.0	-0.9252
V 292.401	-0.0977	ppb	0.0677	69.3	7.4605
Zn 206.200	1.0523	ppb	0.3855	36.6	3.0570

lcs 680-266547/2-a (Samp) **2/21/2013, 1:05:34 AM** **Rack 3, Tube 8**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.8953	ppb	0.5697	1.1	1339.14
Al 308.215	5018.58	ppb	60.6244	1.2	17634.2
As 188.980	110.759	ppb	3.7654	3.4	33.9666
B 249.678	197.041	ppb	2.9541	1.5	1501.95
Ba 389.178	101.522	ppb	0.5774	0.6	1413.67
Be 313.042	52.5376	ppb	0.6374	1.2	70248.8
Ca 370.602	5064	ppb	59.55	1.2	15605
Cd 226.502	51.4166	ppb	0.9833	1.9	1026.83
Co 228.615	51.4663	ppb	0.7617	1.5	347.754
Cr 267.716	104.192	ppb	1.2231	1.2	1414.48
Cu 324.754	104.797	ppb	1.4128	1.3	2699.25
Fe 271.441	5057.62	ppb	63.7142	1.3	3139.70
K 766.491	5083.22	ppb	59.1414	1.2	565013
Mg 279.078	4996.32	ppb	60.5513	1.2	5053.13
Mn 257.610	530.863	ppb	6.3819	1.2	44939.7
Mo 202.032	105.024	ppb	2.3967	2.3	308.335
Na 330.237	4602.30	ppb	143.262	3.1	259.275
Ni 231.604	104.212	ppb	2.7333	2.6	253.178
Pb 220.353	49.0564	ppb	2.0791	4.2	37.2815
Sb 206.834	37.9979	ppb	2.1426	5.6	24.1259
Se 196.026	109.358	ppb	6.3845	5.8	27.2872
Sn 189.925	78.2180	ppb	1.7790	2.3	34.4074
Sr 216.596	101.823	ppb	1.2966	1.3	514.771
Ti 334.941	102.298	ppb	1.2411	1.2	17451.5
Tl 190.794	48.6819	ppb	7.2349	14.9	15.2604
V 292.401	101.796	ppb	1.0970	1.1	2425.00
Zn 206.200	100.444	ppb	1.3882	1.4	250.750

lcs 680-266547/3-a (Samp) **2/21/2013, 1:11:44 AM** **Rack 3, Tube 9**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	214.695	ppb	4.5876	2.1	5618.35
Al 308.215	2045.62	ppb	36.2395	1.8	7380.27
As 188.980	221.015	ppb	3.2833	1.5	68.1629
B 249.678	397.296	ppb	6.6042	1.7	2929.72
Ba 389.178	198.301	ppb	3.7580	1.9	2821.60
Be 313.042	209.742	ppb	3.9330	1.9	280664
Ca 370.602	20569	ppb	336.6	1.6	63512
Cd 226.502	206.476	ppb	3.9680	1.9	4084.90
Co 228.615	205.388	ppb	3.0215	1.5	1429.28
Cr 267.716	209.001	ppb	3.7144	1.8	2825.14
Cu 324.754	210.616	ppb	4.1765	2.0	5353.45
Fe 271.441	21094.4	ppb	372.998	1.8	13138.2
K 766.491	20452.3	ppb	287.725	1.4	2266502
Mg 279.078	20390.6	ppb	353.431	1.7	20541.0
Mn 257.610	2117.51	ppb	39.1666	1.8	179249
Mo 202.032	213.601	ppb	3.4480	1.6	623.689
Na 330.237	19019.3	ppb	317.037	1.7	1062.08
Ni 231.604	209.753	ppb	2.6465	1.3	509.806
Pb 220.353	204.963	ppb	3.5459	1.7	149.872

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	193.563	ppb	6.6287	3.4	103.296
Se 196.026	205.314	ppb	10.6177	5.2	48.9202
Sn 189.925	212.494	ppb	4.9648	2.3	100.583
Sr 216.596	220.171	ppb	3.5113	1.6	1121.76
Ti 334.941	209.459	ppb	4.0225	1.9	35802.1
Tl 190.794	41.3452	ppb	1.5738	3.8	11.8198
V 292.401	208.974	ppb	3.9614	1.9	4968.81
Zn 206.200	194.299	ppb	4.4901	2.3	485.146

680-87467-a-1-k (Samp) **2/21/2013, 1:17:53 AM** **Rack 3, Tube 10**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0448	ppb	0.5453	1216.3	-25.3711
Al 308.215	1287.23	ppb	8.4322	0.7	4747.16
As 188.980	107.209	ppb	3.9811	3.7	32.9554
B 249.678	61.5374	ppb	0.9799	1.6	525.076
Ba 389.178	23.1080	ppb	0.6742	2.9	296.476
Be 313.042	0.0345	ppb	0.0077	22.2	-52.6870
Ca 370.602	6128	ppb	34.41	0.6	19667
Cd 226.502	-0.0156	ppb	0.1383	887.8	14.9635
Co 228.615	0.8060	ppb	0.2882	35.8	-7.9216
Cr 267.716	23.2238	ppb	0.3717	1.6	321.785
Cu 324.754	23.7580	ppb	0.3050	1.3	645.299
Fe 271.441	1111.19	ppb	5.5138	0.5	678.142
K 766.491	17561.7	ppb	89.2944	0.5	1946525
Mg 279.078	1685.80	ppb	4.5477	0.3	1723.91
Mn 257.610	232.185	ppb	1.3333	0.6	19655.3
Mo 202.032	0.3833	ppb	0.3409	88.9	3.0627
Na 330.237	1333.28	ppb	72.3457	5.4	77.6928
Ni 231.604	1.6767	ppb	0.8972	53.5	4.7359
Pb 220.353	-1.4352	ppb	1.5885	110.7	1.3836
Sb 206.834	0.0589	ppb	5.0061	8500.8	4.7306
Se 196.026	2.1475	ppb	4.5643	212.5	2.9856
Sn 189.925	6.7000	ppb	3.1638	47.2	-0.8729
Sr 216.596	18.2395	ppb	0.3706	2.0	90.0889
Ti 334.941	9.3872	ppb	0.0834	0.9	1553.94
Tl 190.794	4.3054	ppb	5.7582	133.7	-2.3040
V 292.401	2.9199	ppb	0.1373	4.7	78.5154
Zn 206.200	34.6678	ppb	0.4395	1.3	86.8542

680-87467-a-1-kSD^5 (Samp) **2/21/2013, 1:24:02 AM** **Rack 3, Tube 11**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3871	ppb	0.4190	108.2	-34.7920
Al 308.215	269.502	ppb	12.5013	4.6	1234.45
As 188.980	20.3750	ppb	10.1113	49.6	5.7363
B 249.678	10.5786	ppb	0.7793	7.4	156.565
Ba 389.178	5.6955	ppb	1.0229	18.0	47.6540
Be 313.042	0.0116	ppb	0.0127	110.2	-85.0924
Ca 370.602	1319	ppb	53.86	4.1	4168
Cd 226.502	-0.1242	ppb	0.2624	211.4	11.1083

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	0.3201	ppb	0.6491	202.8	-11.4694
Cr 267.716	5.2565	ppb	0.1889	3.6	79.0509
Cu 324.754	4.9802	ppb	0.5330	10.7	178.967
Fe 271.441	276.965	ppb	16.4125	5.9	158.356
K 766.491	3967.05	ppb	125.144	3.2	441464
Mg 279.078	359.216	ppb	17.6134	4.9	387.712
Mn 257.610	50.3328	ppb	1.9797	3.9	4262.42
Mo 202.032	0.2815	ppb	0.9375	333.1	2.8486
Na 330.237	239.660	ppb	34.5732	14.4	16.6561
Ni 231.604	0.4748	ppb	0.9119	192.1	1.7437
Pb 220.353	-0.2325	ppb	1.3103	563.7	2.3723
Sb 206.834	-0.1029	ppb	1.7529	1704.3	4.4676
Se 196.026	9.3858	ppb	10.0445	107.0	4.6231
Sn 189.925	7.6769	ppb	3.8933	50.7	-0.3786
Sr 216.596	3.2357	ppb	0.5375	16.6	12.8082
Ti 334.941	1.9713	ppb	0.0939	4.8	280.260
Tl 190.794	8.2844	ppb	0.7878	9.5	-0.6443
V 292.401	0.5833	ppb	0.1526	26.2	23.4602
Zn 206.200	13.1910	ppb	0.7845	5.9	33.3179

680-87467-a-1-kPDS (Samp) **2/21/2013, 1:30:12 AM** **Rack 3, Tube 12**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	49.7565	ppb	3.9497	7.9	1282.16
Al 308.215	3225.80	ppb	200.849	6.2	11482.8
As 188.980	2269.65	ppb	190.754	8.4	711.371
B 249.678	1051.24	ppb	64.2521	6.1	7712.59
Ba 389.178	2099.13	ppb	129.714	6.2	29619.8
Be 313.042	52.0664	ppb	3.2192	6.2	69795.9
Ca 370.602	10910	ppb	643.1	5.9	35160
Cd 226.502	51.5696	ppb	3.3365	6.5	1023.81
Co 228.615	511.755	ppb	40.0042	7.8	3588.41
Cr 267.716	231.024	ppb	14.0723	6.1	3129.28
Cu 324.754	281.572	ppb	13.8254	4.9	7155.85
Fe 271.441	2109.54	ppb	130.378	6.2	1323.72
K 766.491	21797.7	ppb	1245.79	5.7	2415013
Mg 279.078	6617.96	ppb	400.802	6.1	6698.01
Mn 257.610	754.107	ppb	46.4546	6.2	63842.5
Mo 202.032	532.093	ppb	29.6307	5.6	1556.14
Na 330.237	6124.76	ppb	360.777	5.9	340.393
Ni 231.604	521.542	ppb	26.8367	5.1	1263.82
Pb 220.353	507.889	ppb	28.2406	5.6	368.426
Sb 206.834	497.122	ppb	32.7673	6.6	251.156
Se 196.026	2102.10	ppb	136.076	6.5	480.139
Sn 189.925	1025.62	ppb	60.1485	5.9	501.629
Sr 216.596	539.218	ppb	33.0007	6.1	2735.45
Ti 334.941	1031.43	ppb	64.2389	6.2	176411
Tl 190.794	2184.09	ppb	132.953	6.1	865.563
V 292.401	512.869	ppb	31.6846	6.2	12195.8
Zn 206.200	537.205	ppb	30.8490	5.7	1339.15

Cont Calib Verif (CCV) **2/21/2013, 1:36:21 AM** **Rack 3, Tube 13**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	489.004	ppb	21.7493	4.4	12819.9	97.80080
Al 308.215	4882.23	ppb	250.258	5.1	17463.4	97.64459
As 188.980	478.152	ppb	21.7329	4.5	149.924	95.63042
B 249.678	2385.14	ppb	106.314	4.5	17390.6	95.40549
Ba 389.178	5005.00	ppb	246.921	4.9	70665.7	100.09997
Be 313.042	491.193	ppb	24.4880	5.0	659701	98.23860
Ca 370.602	5030	ppb	248.0	4.9	15721	100.60236
Cd 226.502	492.065	ppb	24.3028	4.9	9625.38	98.41299
Co 228.615	493.142	ppb	22.8583	4.6	3454.06	98.62837
Cr 267.716	5009.38	ppb	251.592	5.0	67711.2	100.18753
Cu 324.754	4938.14	ppb	226.271	4.6	124976	98.76286
Fe 271.441	4895.82	ppb	235.112	4.8	3086.11	97.91631
K 766.491	9735.57	ppb	370.389	3.8	1078936	97.35574
Mg 279.078	4784.41	ppb	229.503	4.8	4832.69	95.68812
Mn 257.610	5103.42	ppb	246.922	4.8	431956	102.06840
Mo 202.032	504.235	ppb	24.1462	4.8	1467.56	100.84701
Na 330.237	7218.71	ppb	218.543	3.0	406.855	96.24944
Ni 231.604	2489.37	ppb	121.483	4.9	6028.00	99.57474
Pb 220.353	482.182	ppb	24.6410	5.1	346.179	96.43630
Sb 206.834	485.445	ppb	26.5022	5.5	272.669	97.08897
Se 196.026	4988.41	ppb	227.208	4.6	1136.50	99.76816
Sn 189.925	4879.00	ppb	255.650	5.2	2401.21	97.58009
Sr 216.596	2412.29	ppb	118.954	4.9	12268.4	96.49157
Ti 334.941	496.804	ppb	24.5887	4.9	85181.4	99.36083
Tl 190.794	5075.26	ppb	223.046	4.4	2018.72	101.50512
V 292.401	4872.99	ppb	239.611	4.9	116490	97.45985
Zn 206.200	2473.20	ppb	118.517	4.8	6150.68	98.92809

Cont Calib Blank (CCB) **2/21/2013, 1:42:30 AM** **Rack 3, Tube 14**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.0252	ppb	0.6294	2500.8	-25.3976	-0.02517
Al 308.215	-7.8066	ppb	2.1614	27.7	277.346	-7.80663
As 188.980	1.7695	ppb	1.7945	101.4	-0.0929	1.76953
B 249.678	11.7904	ppb	2.3458	19.9	165.827	11.79039
Ba 389.178	0.0443	ppb	0.4496	1015.7	-33.0002	0.04427
Be 313.042	0.0309	ppb	0.0225	72.7	-59.6777	0.03095
Ca 370.602	-1.906	ppb	1.165	61.1	-82.67	-1.90633
Cd 226.502	-0.0232	ppb	0.1166	502.9	12.5032	-0.02319
Co 228.615	0.4273	ppb	0.3681	86.1	-10.7629	0.42730
Cr 267.716	0.5372	ppb	0.1640	30.5	15.3190	0.53719
Cu 324.754	0.4324	ppb	0.2252	52.1	66.2993	0.43242
Fe 271.441	-0.6148	ppb	6.3049	1025.6	-14.5949	-0.61475
K 766.491	-0.1399	ppb	0.4312	308.2	2258.45	-0.13990
Mg 279.078	-6.6700	ppb	3.7945	56.9	19.3139	-6.67000
Mn 257.610	0.2928	ppb	0.2172	74.2	26.7478	0.29278
Mo 202.032	0.9546	ppb	0.5904	61.8	4.8443	0.95465
Na 330.237	11.8880	ppb	144.432	1214.9	3.9642	11.88805
Ni 231.604	-0.1708	ppb	0.8672	507.7	0.1567	-0.17082
Pb 220.353	-3.6424	ppb	1.3507	37.1	-0.0608	-3.64242

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sb 206.834	-3.0511	ppb	1.1870	38.9	2.9502	-3.05112
Se 196.026	11.8839	ppb	3.3351	28.1	5.1900	11.88389Z
Sn 189.925	7.4067	ppb	3.0912	41.7	-0.5083	7.40674
Sr 216.596	-0.0561	ppb	0.4000	712.7	-4.1882	-0.05612
Ti 334.941	0.0744	ppb	0.0648	87.0	-45.6089	0.07443
Tl 190.794	5.7941	ppb	2.9600	51.1	-1.6116	5.79407
V 292.401	0.0126	ppb	0.1814	1441.4	9.8368	0.01258
Zn 206.200	-0.1104	ppb	0.1435	129.9	0.1566	-0.11044

680-87467-a-1-l ms (Samp) **2/21/2013, 1:48:40 AM** **Rack 3, Tube 15**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	52.9583	ppb	1.5282	2.9	1367.59
Al 308.215	6669.77	ppb	199.142	3.0	23333.4
As 188.980	210.539	ppb	2.4738	1.2	65.2354
B 249.678	266.006	ppb	6.8501	2.6	2000.46
Ba 389.178	125.464	ppb	3.2334	2.6	1755.72
Be 313.042	53.4123	ppb	1.5397	2.9	71422.3
Ca 370.602	11095	ppb	310.4	2.8	35014
Cd 226.502	51.9830	ppb	1.5653	3.0	1040.46
Co 228.615	52.0001	ppb	1.1373	2.2	351.664
Cr 267.716	128.389	ppb	3.3290	2.6	1741.30
Cu 324.754	129.468	ppb	2.8707	2.2	3312.54
Fe 271.441	6289.80	ppb	186.390	3.0	3907.42
K 766.491	22259.1	ppb	503.493	2.3	2466550
Mg 279.078	6704.10	ppb	193.184	2.9	6772.81
Mn 257.610	764.772	ppb	21.5947	2.8	64739.0
Mo 202.032	106.243	ppb	2.0499	1.9	311.773
Na 330.237	6090.45	ppb	212.293	3.5	342.303
Ni 231.604	108.321	ppb	0.5447	0.5	263.239
Pb 220.353	49.8531	ppb	3.9496	7.9	37.6661
Sb 206.834	46.2023	ppb	3.6432	7.9	28.4592
Se 196.026	106.763	ppb	4.5788	4.3	26.7025
Sn 189.925	81.0308	ppb	6.0871	7.5	35.7784
Sr 216.596	121.547	ppb	3.6348	3.0	616.294
Ti 334.941	112.908	ppb	3.2862	2.9	19272.8
Tl 190.794	44.8362	ppb	0.9528	2.1	13.6221
V 292.401	106.500	ppb	3.5424	3.3	2536.16
Zn 206.200	134.174	ppb	3.8101	2.8	334.833

680-87467-a-1-m msd (Samp) **2/21/2013, 1:54:49 AM** **Rack 3, Tube 16**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	54.2263	ppb	0.2981	0.5	1400.91
Al 308.215	6846.36	ppb	33.1774	0.5	23943.1
As 188.980	210.823	ppb	5.4804	2.6	65.3205
B 249.678	270.490	ppb	1.1793	0.4	2032.75
Ba 389.178	127.277	ppb	0.1159	0.1	1781.70
Be 313.042	54.6434	ppb	0.2720	0.5	73070.7
Ca 370.602	11273	ppb	57.87	0.5	35570
Cd 226.502	52.9236	ppb	0.3399	0.6	1059.14

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	53.2524	ppb	0.4899	0.9	360.453
Cr 267.716	131.870	ppb	0.3411	0.3	1788.30
Cu 324.754	132.777	ppb	1.3998	1.1	3395.99
Fe 271.441	6445.56	ppb	37.4581	0.6	4004.55
K 766.491	22432.1	ppb	98.8406	0.4	2485699
Mg 279.078	6835.82	ppb	42.9960	0.6	6905.28
Mn 257.610	779.391	ppb	3.6420	0.5	65976.5
Mo 202.032	109.779	ppb	0.9119	0.8	322.089
Na 330.237	6072.45	ppb	174.065	2.9	341.244
Ni 231.604	109.601	ppb	0.4025	0.4	266.352
Pb 220.353	52.3326	ppb	2.0116	3.8	39.4324
Sb 206.834	47.8271	ppb	1.8961	4.0	29.2881
Se 196.026	108.947	ppb	2.6417	2.4	27.1970
Sn 189.925	86.0594	ppb	5.8518	6.8	38.2576
Sr 216.596	123.678	ppb	1.3358	1.1	627.174
Ti 334.941	115.860	ppb	0.6600	0.6	19778.2
Tl 190.794	53.3462	ppb	3.7224	7.0	16.9991
V 292.401	109.024	ppb	0.5641	0.5	2595.85
Zn 206.200	142.966	ppb	0.7139	0.5	356.748

680-87467-a-2-c (Samp) **2/21/2013, 2:00:59 AM** **Rack 3, Tube 17**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.6197	ppb	0.4569	73.7	-40.7262
Al 308.215	1294.18	ppb	28.7587	2.2	4771.32
As 188.980	326.428	ppb	7.7255	2.4	101.744
B 249.678	42.8894	ppb	1.9238	4.5	390.101
Ba 389.178	15.0205	ppb	1.1854	7.9	182.017
Be 313.042	0.0658	ppb	0.0129	19.7	-9.9147
Ca 370.602	8025	ppb	172.9	2.2	25868
Cd 226.502	0.0606	ppb	0.1251	206.5	15.9671
Co 228.615	0.5273	ppb	0.2843	53.9	-9.8695
Cr 267.716	67.5143	ppb	1.2469	1.8	920.693
Cu 324.754	53.9575	ppb	1.3346	2.5	1405.89
Fe 271.441	868.356	ppb	21.4609	2.5	526.775
K 766.491	10683.9	ppb	161.508	1.5	1185087
Mg 279.078	1600.07	ppb	39.3020	2.5	1638.12
Mn 257.610	202.478	ppb	4.2023	2.1	17140.8
Mo 202.032	1.2079	ppb	0.2312	19.1	5.4985
Na 330.237	1576.46	ppb	159.329	10.1	91.4010
Ni 231.604	1.6803	ppb	0.9099	54.2	4.7321
Pb 220.353	0.3029	ppb	2.3994	792.1	2.6077
Sb 206.834	0.7661	ppb	2.0539	268.1	5.4005
Se 196.026	7.1671	ppb	6.0732	84.7	4.1276
Sn 189.925	7.2142	ppb	3.1571	43.8	-0.6249
Sr 216.596	21.5469	ppb	0.1289	0.6	106.990
Ti 334.941	10.3988	ppb	0.1983	1.9	1730.63
Tl 190.794	6.2900	ppb	2.4676	39.2	-1.5200
V 292.401	3.5632	ppb	0.1853	5.2	91.5230
Zn 206.200	44.5327	ppb	1.3416	3.0	111.304

680-87467-a-3-c (Samp) **2/21/2013, 2:07:08 AM** **Rack 3, Tube 18**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.1580	ppb	0.3618	229.0	-20.0959
Al 308.215	1414.89	ppb	12.4041	0.9	5187.82
As 188.980	112.399	ppb	3.0019	2.7	34.5798
B 249.678	58.8142	ppb	1.0925	1.9	505.031
Ba 389.178	23.0372	ppb	0.6666	2.9	295.597
Be 313.042	0.0355	ppb	0.0049	13.8	-50.9800
Ca 370.602	6220	ppb	63.56	1.0	19943
Cd 226.502	0.0475	ppb	0.1303	274.1	16.5187
Co 228.615	0.7194	ppb	0.0628	8.7	-8.5107
Cr 267.716	26.5274	ppb	0.5243	2.0	366.374
Cu 324.754	24.1377	ppb	0.7162	3.0	654.774
Fe 271.441	1264.86	ppb	9.8688	0.8	773.885
K 766.491	16572.1	ppb	115.248	0.7	1836966
Mg 279.078	1648.69	ppb	20.3679	1.2	1686.00
Mn 257.610	228.792	ppb	2.4215	1.1	19368.2
Mo 202.032	-0.1578	ppb	1.1145	706.3	1.4646
Na 330.237	1399.45	ppb	174.351	12.5	81.3478
Ni 231.604	2.3158	ppb	1.2113	52.3	6.2907
Pb 220.353	-3.2208	ppb	1.3846	43.0	0.0764
Sb 206.834	-2.6615	ppb	3.1119	116.9	3.3890
Se 196.026	0.8708	ppb	4.9504	568.5	2.6909
Sn 189.925	8.1836	ppb	0.9084	11.1	-0.1414
Sr 216.596	18.7732	ppb	0.2353	1.3	92.8526
Ti 334.941	11.1920	ppb	0.0997	0.9	1862.93
Tl 190.794	10.0608	ppb	5.1207	50.9	-0.0234
V 292.401	3.5226	ppb	0.2118	6.0	92.7748
Zn 206.200	37.2335	ppb	0.6974	1.9	93.2426

680-87369-a-1-e (Samp) **2/21/2013, 2:13:17 AM** **Rack 3, Tube 19**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4781	ppb	0.3553	74.3	-37.7543
Al 308.215	5152.55	ppb	121.112	2.4	18088.2
As 188.980	5.3634	ppb	2.8701	53.5	0.9295
B 249.678	6.9680	ppb	1.1229	16.1	125.305
Ba 389.178	22.2536	ppb	0.8708	3.9	285.178
Be 313.042	0.1008	ppb	0.0129	12.8	38.2775
Ca 370.602	3334	ppb	71.69	2.2	10266
Cd 226.502	0.0232	ppb	0.1311	563.7	20.1553
Co 228.615	0.9780	ppb	0.5732	58.6	-5.6439
Cr 267.716	2.5606	ppb	0.1726	6.7	41.3506
Cu 324.754	15.2694	ppb	0.2501	1.6	436.027
Fe 271.441	3200.45	ppb	75.2653	2.4	1979.95
K 766.491	2409.28	ppb	39.9246	1.7	268999
Mg 279.078	882.119	ppb	10.8317	1.2	906.894
Mn 257.610	90.0887	ppb	2.4625	2.7	7630.15
Mo 202.032	0.5288	ppb	0.3324	62.9	3.2955
Na 330.237	1730.48	ppb	50.2116	2.9	98.8158
Ni 231.604	9.7480	ppb	0.8357	8.6	24.3504
Pb 220.353	0.8978	ppb	4.9331	549.5	2.6903

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-2.4932	ppb	2.1438	86.0	3.2187
Se 196.026	1.3540	ppb	3.3154	244.9	2.7288
Sn 189.925	5.9714	ppb	1.0091	16.9	-1.2060
Sr 216.596	23.1731	ppb	0.2876	1.2	115.732
Ti 334.941	96.9187	ppb	2.2361	2.3	16524.6
Tl 190.794	4.0644	ppb	2.2066	54.3	-2.4533
V 292.401	6.7561	ppb	0.1686	2.5	172.642
Zn 206.200	43.8808	ppb	1.3684	3.1	109.905

680-87369-d-3-e (Samp) **2/21/2013, 2:19:27 AM** **Rack 3, Tube 20**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.7006	ppb	0.0643	9.2	-39.6560
Al 308.215	50.3796	ppb	1.2593	2.5	530.463
As 188.980	19.8388	ppb	4.5137	22.8	5.7504
B 249.678	58.2702	ppb	0.6514	1.1	494.274
Ba 389.178	16.0139	ppb	0.7855	4.9	202.356
Be 313.042	0.0274	ppb	0.0049	17.8	9.1133
Ca 370.602	9203	ppb	24.36	0.3	29822
Cd 226.502	0.0391	ppb	0.3489	893.2	13.8823
Co 228.615	2.5689	ppb	0.1018	4.0	-13.0977
Cr 267.716	0.4734	ppb	0.2265	47.8	13.3825
Cu 324.754	0.5493	ppb	1.0338	188.2	53.9999
Fe 271.441	74.2347	ppb	2.9839	4.0	35.8204
K 766.491	3001.38	ppb	10.3383	0.3	334553
Mg 279.078	2411.74	ppb	11.0304	0.5	2459.61
Mn 257.610	197.404	ppb	0.4079	0.2	16711.2
Mo 202.032	1212.93	ppb	5.0053	0.4	3546.42
Na 330.237	7635.20	ppb	83.6217	1.1	431.249
Ni 231.604	26.2232	ppb	0.2159	0.8	63.9652
Pb 220.353	-0.9555	ppb	1.6949	177.4	0.3558
Sb 206.834	14.0541	ppb	6.1225	43.6	9.3029
Se 196.026	12.1927	ppb	8.2684	67.8	5.2890
Sn 189.925	6.6326	ppb	2.6433	39.9	-0.9160
Sr 216.596	105.641	ppb	0.3140	0.3	518.850
Ti 334.941	0.3660	ppb	0.0409	11.2	13.5515
Tl 190.794	5.2693	ppb	5.0863	96.5	-2.6617
V 292.401	334.509	ppb	0.7335	0.2	7788.38
Zn 206.200	20.5230	ppb	0.2033	1.0	51.6635

680-87369-a-4-e (Samp) **2/21/2013, 2:25:36 AM** **Rack 3, Tube 21**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.6879	ppb	0.1691	24.6	-42.7650
Al 308.215	128.402	ppb	3.5401	2.8	747.500
As 188.980	7.7937	ppb	8.2179	105.4	1.7904
B 249.678	18.3722	ppb	1.3387	7.3	213.331
Ba 389.178	65.8051	ppb	0.4956	0.8	904.538
Be 313.042	0.0894	ppb	0.0130	14.6	21.1655
Ca 370.602	12167	ppb	269.3	2.2	39433
Cd 226.502	0.0790	ppb	0.2526	319.9	14.8428

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	0.2842	ppb	0.1239	43.6	-11.6672
Cr 267.716	1.3308	ppb	0.2306	17.3	26.0452
Cu 324.754	8.6721	ppb	0.5014	5.8	251.975
Fe 271.441	159.203	ppb	4.5910	2.9	84.9850
K 766.491	2077.93	ppb	37.3226	1.8	232306
Mg 279.078	5567.92	ppb	133.201	2.4	5645.08
Mn 257.610	34.3225	ppb	0.7916	2.3	2910.00
Mo 202.032	0.7926	ppb	0.7777	98.1	4.3528
Na 330.237	8027.30	ppb	316.084	3.9	453.309
Ni 231.604	12.0119	ppb	1.4777	12.3	29.8257
Pb 220.353	0.9352	ppb	4.1977	448.8	3.2330
Sb 206.834	-3.9462	ppb	2.8567	72.4	2.5931
Se 196.026	5.5938	ppb	1.2129	21.7	3.7621
Sn 189.925	6.2756	ppb	1.7641	28.1	-1.1000
Sr 216.596	111.414	ppb	2.9701	2.7	567.041
Ti 334.941	4.9665	ppb	0.1255	2.5	801.716
Tl 190.794	4.7988	ppb	6.4096	133.6	-2.1103
V 292.401	1.0679	ppb	0.1011	9.5	35.1819
Zn 206.200	116.487	ppb	2.2048	1.9	290.979

680-87369-d-6-i (Samp) **2/21/2013, 2:31:45 AM** **Rack 3, Tube 22**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.6806	ppb	0.7370	108.3	-42.6821
Al 308.215	92.3787	ppb	8.8753	9.6	623.151
As 188.980	-1.4532	ppb	0.9507	65.4	-1.1079
B 249.678	21.5706	ppb	2.1880	10.1	236.639
Ba 389.178	68.9483	ppb	3.7633	5.5	949.028
Be 313.042	0.0213	ppb	0.0143	67.0	-69.8113
Ca 370.602	12640	ppb	659.0	5.2	40977
Cd 226.502	0.0476	ppb	0.2219	466.0	14.1356
Co 228.615	0.5596	ppb	0.4726	84.5	-9.7399
Cr 267.716	0.9637	ppb	0.5905	61.3	21.0680
Cu 324.754	0.6873	ppb	0.2982	43.4	48.9383
Fe 271.441	118.089	ppb	5.6789	4.8	59.3800
K 766.491	2083.77	ppb	129.430	6.2	232952
Mg 279.078	5669.65	ppb	295.664	5.2	5747.94
Mn 257.610	0.5673	ppb	0.0667	11.8	53.0465
Mo 202.032	0.2493	ppb	1.1652	467.3	2.7701
Na 330.237	7923.17	ppb	409.296	5.2	447.339
Ni 231.604	2.6055	ppb	0.2544	9.8	7.0606
Pb 220.353	-0.4502	ppb	1.9768	439.0	2.2365
Sb 206.834	-2.1650	ppb	5.4458	251.5	3.4844
Se 196.026	6.5454	ppb	1.7614	26.9	3.9742
Sn 189.925	8.7657	ppb	2.2510	25.7	0.1259
Sr 216.596	117.043	ppb	6.0305	5.2	596.188
Ti 334.941	3.5677	ppb	0.1758	4.9	562.816
Tl 190.794	10.1505	ppb	3.5661	35.1	0.0162
V 292.401	1.0046	ppb	0.0340	3.4	33.8446
Zn 206.200	5.4932	ppb	0.6871	12.5	14.2852

680-87369-a-7-e (Samp) **2/21/2013, 2:37:55 AM** **Rack 3, Tube 23**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.6633	ppb	0.4239	63.9	-42.5394
Al 308.215	4073.04	ppb	81.5652	2.0	14362.3
As 188.980	2.5003	ppb	5.7700	230.8	0.0591
B 249.678	1.6296	ppb	0.4499	27.6	88.0408
Ba 389.178	24.0152	ppb	0.5974	2.5	308.646
Be 313.042	0.1128	ppb	0.0054	4.8	52.8684
Ca 370.602	1916	ppb	35.72	1.9	5790
Cd 226.502	-0.0606	ppb	0.1972	325.5	16.7264
Co 228.615	0.7632	ppb	0.4187	54.9	-7.4443
Cr 267.716	2.2268	ppb	0.2831	12.7	37.1887
Cu 324.754	9.9446	ppb	0.5615	5.6	303.772
Fe 271.441	2343.56	ppb	57.1566	2.4	1446.03
K 766.491	2117.52	ppb	32.9981	1.6	236699
Mg 279.078	543.107	ppb	12.9661	2.4	567.289
Mn 257.610	56.5386	ppb	1.2086	2.1	4789.63
Mo 202.032	-0.0468	ppb	0.2038	435.4	1.6990
Na 330.237	1353.84	ppb	132.042	9.8	78.0665
Ni 231.604	1.4872	ppb	0.3187	21.4	4.3041
Pb 220.353	1.0071	ppb	3.4976	347.3	2.8829
Sb 206.834	0.2852	ppb	5.8771	2060.6	4.6099
Se 196.026	7.0623	ppb	4.3109	61.0	4.0427
Sn 189.925	8.0171	ppb	3.3490	41.8	-0.1981
Sr 216.596	17.1072	ppb	0.5479	3.2	84.5816
Ti 334.941	73.2039	ppb	1.5179	2.1	12466.5
Tl 190.794	4.8138	ppb	3.2005	66.5	-2.1109
V 292.401	4.6055	ppb	0.1176	2.6	120.969
Zn 206.200	17.5201	ppb	0.9026	5.2	44.1648

mb 680-266673/1-a (Samp) **2/21/2013, 2:44:04 AM** **Rack 3, Tube 24**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3498	ppb	0.3349	95.7	-33.9267
Al 308.215	-4.2570	ppb	5.0473	118.6	289.551
As 188.980	-2.8875	ppb	4.7756	165.4	-1.5543
B 249.678	-3.1834	ppb	0.5468	17.2	57.1412
Ba 389.178	0.1945	ppb	0.3534	181.7	-30.8880
Be 313.042	0.0027	ppb	0.0197	722.7	-97.4501
Ca 370.602	1.315	ppb	0.4325	32.9	-72.03
Cd 226.502	0.1672	ppb	0.2222	132.9	16.2168
Co 228.615	0.3748	ppb	0.2466	65.8	-11.1144
Cr 267.716	0.0748	ppb	0.2974	397.5	9.0678
Cu 324.754	0.2561	ppb	0.1769	69.1	61.8302
Fe 271.441	-4.2694	ppb	9.0824	212.7	-16.8717
K 766.491	-0.1155	ppb	1.3251	1147.0	2261.12
Mg 279.078	-3.6973	ppb	8.0373	217.4	22.3178
Mn 257.610	0.1561	ppb	0.0353	22.6	15.1764
Mo 202.032	-0.7214	ppb	0.7149	99.1	-0.0535
Na 330.237	-36.4484	ppb	118.645	325.5	1.2572
Ni 231.604	0.4944	ppb	0.2393	48.4	1.7646
Pb 220.353	-1.5168	ppb	1.6937	111.7	1.4771

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-4.9700	ppb	2.5637	51.6	1.9958
Se 196.026	0.4069	ppb	6.9168	1699.8	2.5825
Sn 189.925	6.0355	ppb	0.9997	16.6	-1.1843
Sr 216.596	0.0118	ppb	0.4788	4059.7	-3.8424
Ti 334.941	-0.0330	ppb	0.0422	127.7	-64.0052
Tl 190.794	3.0665	ppb	3.4435	112.3	-2.6951
V 292.401	-0.1792	ppb	0.1074	59.9	5.5054
Zn 206.200	0.8265	ppb	0.4639	56.1	2.4933

Cont Calib Verif (CCV) **2/21/2013, 2:50:14 AM** **Rack 3, Tube 25**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	499.780	ppb	1.9094	0.4	13102.9	99.95601
Al 308.215	5005.27	ppb	26.6252	0.5	17896.3	100.10542
As 188.980	494.547	ppb	8.2622	1.7	155.082	98.90947
B 249.678	2430.45	ppb	9.9747	0.4	17719.5	97.21817
Ba 389.178	5143.13	ppb	24.7293	0.5	72616.8	102.86259
Be 313.042	504.119	ppb	2.4741	0.5	677064	100.82376
Ca 370.602	5158	ppb	22.56	0.4	16124	103.15977
Cd 226.502	505.190	ppb	2.8287	0.6	9881.74	101.03797
Co 228.615	506.795	ppb	1.8617	0.4	3550.05	101.35908
Cr 267.716	5146.97	ppb	25.2861	0.5	69570.9	102.93945
Cu 324.754	5080.03	ppb	37.8671	0.7	128565	101.60052
Fe 271.441	5017.26	ppb	27.3628	0.5	3163.12	100.34518
K 766.491	9904.00	ppb	42.7635	0.4	1097550	99.03996
Mg 279.078	4908.04	ppb	19.0798	0.4	4956.93	98.16087
Mn 257.610	5235.95	ppb	24.5695	0.5	443173	104.71903
Mo 202.032	516.376	ppb	3.7521	0.7	1502.83	103.27522
Na 330.237	7504.18	ppb	9.8147	0.1	422.832	100.05568
Ni 231.604	2558.74	ppb	11.1478	0.4	6195.96	102.34976
Pb 220.353	498.837	ppb	6.2858	1.3	358.085	99.76745
Sb 206.834	499.265	ppb	5.9981	1.2	280.232	99.85300
Se 196.026	5086.93	ppb	35.6506	0.7	1158.90	101.73862
Sn 189.925	5031.24	ppb	18.3568	0.4	2476.26	100.62478
Sr 216.596	2478.67	ppb	13.0180	0.5	12606.0	99.14679
Ti 334.941	509.921	ppb	2.3934	0.5	87432.1	101.98422
Tl 190.794	5200.81	ppb	19.2216	0.4	2068.77	104.01612
V 292.401	5000.95	ppb	26.7780	0.5	119548	100.01907
Zn 206.200	2539.26	ppb	14.0092	0.6	6314.94	101.57035

Cont Calib Blank (CCB) **2/21/2013, 2:56:23 AM** **Rack 3, Tube 26**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.1420	ppb	0.1556	109.6	-28.4659	-0.14195
Al 308.215	-8.6578	ppb	2.3205	26.8	274.380	-8.65783
As 188.980	-1.3422	ppb	7.9153	589.7	-1.0694	-1.34222
B 249.678	9.6091	ppb	1.5958	16.6	150.005	9.60911
Ba 389.178	0.7059	ppb	0.4831	68.4	-23.6667	0.70588
Be 313.042	0.0193	ppb	0.0097	50.3	-75.2131	0.01929
Ca 370.602	-1.143	ppb	3.399	297.4	-79.88	-1.14311
Cd 226.502	0.0020	ppb	0.1284	6454.2	12.9906	0.00199

F02202013.wvq. All Data Report 2/22/2013, 10:38:18 AM

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Co 228.615	0.3658	ppb	0.5421	148.2	-11.1806	0.36583
Cr 267.716	0.2048	ppb	0.0596	29.1	10.8251	0.20480
Cu 324.754	-0.2505	ppb	0.2308	92.1	49.0110	-0.25052
Fe 271.441	-1.1544	ppb	7.0576	611.4	-14.9277	-1.15436
K 766.491	-0.6041	ppb	0.2596	43.0	2206.93	-0.60415
Mg 279.078	-5.6433	ppb	3.0283	53.7	20.3560	-5.64334
Mn 257.610	0.1794	ppb	0.0540	30.1	17.1472	0.17937
Mo 202.032	-0.2454	ppb	0.2831	115.4	1.3373	-0.24539
Na 330.237	-17.9032	ppb	150.693	841.7	2.2949	-17.90317
Ni 231.604	0.2174	ppb	0.5917	272.1	1.0967	0.21741
Pb 220.353	-0.2595	ppb	2.3480	904.9	2.3857	-0.25948
Sb 206.834	1.4449	ppb	0.5535	38.3	5.1998	1.44490
Se 196.026	3.6282	ppb	2.0823	57.4	3.3144	3.62816
Sn 189.925	6.9427	ppb	2.3280	33.5	-0.7370	6.94274
Sr 216.596	-0.5159	ppb	0.6709	130.0	-6.5428	-0.51586
Ti 334.941	0.0945	ppb	0.0579	61.3	-42.1917	0.09447
Tl 190.794	11.2331	ppb	4.5264	40.3	0.5521	11.23307
V 292.401	0.0041	ppb	0.0298	735.7	9.8404	0.00405
Zn 206.200	0.0189	ppb	0.3816	2017.1	0.4800	0.01892

lcs 680-266673/2-a (Samp) **2/21/2013, 3:02:32 AM** **Rack 3, Tube 27**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	52.2781	ppb	0.7146	1.4	1349.21
Al 308.215	5054.55	ppb	27.7906	0.5	17758.4
As 188.980	106.919	ppb	1.3498	1.3	32.7608
B 249.678	203.090	ppb	1.3193	0.6	1545.78
Ba 389.178	102.588	ppb	0.4379	0.4	1428.83
Be 313.042	53.1376	ppb	0.2873	0.5	71052.3
Ca 370.602	5123	ppb	29.12	0.6	15790
Cd 226.502	51.7498	ppb	0.4489	0.9	1033.42
Co 228.615	52.2492	ppb	1.3508	2.6	353.239
Cr 267.716	105.342	ppb	0.9865	0.9	1430.00
Cu 324.754	106.130	ppb	0.4854	0.5	2732.89
Fe 271.441	5105.50	ppb	38.0161	0.7	3169.56
K 766.491	5055.77	ppb	17.5000	0.3	561974
Mg 279.078	5036.53	ppb	31.8705	0.6	5093.57
Mn 257.610	537.242	ppb	2.8600	0.5	45479.6
Mo 202.032	107.654	ppb	1.3737	1.3	316.014
Na 330.237	4642.14	ppb	28.7078	0.6	261.500
Ni 231.604	104.713	ppb	0.7112	0.7	254.393
Pb 220.353	50.4678	ppb	0.8009	1.6	38.2946
Sb 206.834	45.0642	ppb	3.4805	7.7	27.7236
Se 196.026	108.330	ppb	9.9980	9.2	27.0535
Sn 189.925	46.3054	ppb	1.1922	2.6	18.6746
Sr 216.596	103.133	ppb	0.8540	0.8	521.463
Ti 334.941	101.628	ppb	0.5963	0.6	17336.9
Tl 190.794	42.2642	ppb	1.5649	3.7	12.7065
V 292.401	103.317	ppb	0.7020	0.7	2461.13
Zn 206.200	101.718	ppb	0.7421	0.7	253.925

680-87513-e-1-a (Samp) **2/21/2013, 3:08:42 AM** **Rack 3, Tube 28**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2294b	ppb	0.5459	238.0	-30.8985
Al 308.215	1446.91b	ppb	10.6918	0.7	5298.76
As 188.980	0.6339b	ppb	2.1840	344.5	-0.4273
B 249.678	1650.15b	ppb	10.7804	0.7	12058.0
Ba 389.178	7.4123b	ppb	0.3971	5.4	75.2859
Be 313.042	0.0561b	ppb	0.0078	13.9	-53.2709
Ca 370.602	12109b	ppb	72.47	0.6	39187
Cd 226.502	1.6472b	ppb	0.1114	6.8	45.2964
Co 228.615	1.2094b	ppb	0.3597	29.7	-5.2397
Cr 267.716	225.597b	ppb	2.2035	1.0	3060.00
Cu 324.754	4.8923b	ppb	0.2899	5.9	156.413
Fe 271.441	579.323b	ppb	10.3325	1.8	346.471
K 766.491	3653.51b	ppb	24.9017	0.7	406752
Mg 279.078	2025.81b	ppb	11.0602	0.5	2068.66
Mn 257.610	211.960b	ppb	1.4855	0.7	17942.6
Mo 202.032	8.7931b	ppb	0.9382	10.7	27.7072
Na 330.237	-xb	ppb	2271.90	0.6	20786.9
Ni 231.604	5.7834b	ppb	0.6941	12.0	14.6555
Pb 220.353	-5.9878b	ppb	3.9276	65.6	-2.0764
Sb 206.834	1.5197b	ppb	3.8215	251.5	6.9319
Se 196.026	16.5708b	ppb	6.9325	41.8	6.2733
Sn 189.925	9.3387b	ppb	0.2406	2.6	0.4830
Sr 216.596	940.289b	ppb	7.5727	0.8	4813.98
Ti 334.941	0.1819b	ppb	0.0616	33.9	-23.2017
Tl 190.794	6.1911b	ppb	2.3377	37.8	-1.5956
V 292.401	0.5115b	ppb	0.2027	39.6	6.2243
Zn 206.200	53.2089b	ppb	0.6651	1.2	132.452

680-87513-e-1-aSD^5 (Samp) **2/21/2013, 3:14:51 AM** **Rack 3, Tube 29**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0796b	ppb	0.5057	635.3	-26.8647
Al 308.215	405.707b	ppb	4.8383	1.2	1704.69
As 188.980	5.3482b	ppb	3.5647	66.7	1.0362
B 249.678	463.777b	ppb	5.8164	1.3	3446.60
Ba 389.178	2.5612b	ppb	0.7032	27.5	3.7811
Be 313.042	0.0143b	ppb	0.0112	78.6	-89.0844
Ca 370.602	3524b	ppb	44.48	1.3	11350
Cd 226.502	0.4732b	ppb	0.0568	12.0	22.2611
Co 228.615	0.1859b	ppb	0.3023	162.6	-12.4394
Cr 267.716	65.1914b	ppb	0.7294	1.1	889.943
Cu 324.754	1.3378b	ppb	0.2282	17.1	82.5834
Fe 271.441	171.197b	ppb	2.1040	1.2	92.3619
K 766.491	888.449b	ppb	10.3446	1.2	100634
Mg 279.078	603.817b	ppb	10.5365	1.7	634.907
Mn 257.610	62.1681b	ppb	0.7987	1.3	5263.99
Mo 202.032	2.3733b	ppb	0.6750	28.4	8.9779
Na 330.237	-xb	ppb	1611.06	1.6	5481.92
Ni 231.604	1.1703b	ppb	0.3246	27.7	3.4278
Pb 220.353	-2.0864b	ppb	2.4853	119.1	0.9730

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-3.5175b	ppb	2.8400	80.7	3.2105
Se 196.026	6.0527b	ppb	4.3944	72.6	3.8708
Sn 189.925	6.9414b	ppb	2.8029	40.4	-0.7284
Sr 216.596	274.633b	ppb	4.4020	1.6	1403.29
Ti 334.941	0.1498b	ppb	0.0965	64.4	-31.1064
Tl 190.794	7.6394b	ppb	2.8838	37.7	-0.9186
V 292.401	0.0836b	ppb	0.1917	229.2	7.2641
Zn 206.200	15.6160b	ppb	0.5962	3.8	39.1815

680-87513-e-1-aPDS (Samp) **2/21/2013, 3:21:01 AM** **Rack 3, Tube 30**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	60.0848b	ppb	0.1579	0.3	1552.71
Al 308.215	3891.60b	ppb	3.5903	0.1	13788.3
As 188.980	2556.23b	ppb	14.9926	0.6	801.332
B 249.678	2995.20b	ppb	4.3665	0.1	21825.4
Ba 389.178	2394.44b	ppb	0.8860	0.0	33791.8
Be 313.042	60.5541b	ppb	0.0510	0.1	81155.0
Ca 370.602	18913b	ppb	16.59	0.1	61231
Cd 226.502	61.2578b	ppb	0.2649	0.4	1211.12
Co 228.615	590.689b	ppb	2.7911	0.5	4143.76
Cr 267.716	481.372b	ppb	0.6756	0.1	6516.04
Cu 324.754	306.431b	ppb	1.2531	0.4	7768.90
Fe 271.441	1802.82b	ppb	9.9908	0.6	1135.90
K 766.491	11661.7b	ppb	6.8928	0.1	1292789
Mg 279.078	7803.01b	ppb	2.7914	0.0	7894.80
Mn 257.610	837.552b	ppb	0.7274	0.1	70906.2
Mo 202.032	623.570b	ppb	0.1749	0.0	1823.41
Na 330.237	-xb	ppb	987.142	0.2	23854.3
Ni 231.604	598.762b	ppb	3.4737	0.6	1450.79
Pb 220.353	576.893b	ppb	7.0728	1.2	417.928
Sb 206.834	583.091b	ppb	5.9664	1.0	295.425
Se 196.026	2504.29b	ppb	11.7259	0.5	571.534
Sn 189.925	1182.09b	ppb	5.6046	0.5	578.858
Sr 216.596	1619.81b	ppb	1.6754	0.1	8268.19
Ti 334.941	1176.92b	ppb	0.8155	0.1	201298
Tl 190.794	2434.94b	ppb	4.5995	0.2	965.418
V 292.401	590.106b	ppb	0.9731	0.2	14014.5
Zn 206.200	651.976b	ppb	2.3885	0.4	1624.52

680-87513-e-1-b ms (Samp) **2/21/2013, 3:27:11 AM** **Rack 3, Tube 31**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	52.1041b	ppb	1.0352	2.0	1344.44
Al 308.215	6468.69b	ppb	45.5954	0.7	22639.4
As 188.980	109.655b	ppb	7.8148	7.1	33.6512
B 249.678	1994.53b	ppb	12.3544	0.6	14549.6
Ba 389.178	103.673b	ppb	1.5185	1.5	1447.78
Be 313.042	50.5075b	ppb	0.3522	0.7	67500.2
Ca 370.602	17948b	ppb	139.4	0.8	57420
Cd 226.502	51.2057b	ppb	0.9423	1.8	1022.35

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	49.7749b	ppb	0.4787	1.0	335.878
Cr 267.716	342.605b	ppb	1.9879	0.6	4639.99
Cu 324.754	104.765b	ppb	0.4861	0.5	2674.18
Fe 271.441	5406.54b	ppb	34.4643	0.6	3356.66
K 766.491	10106.4b	ppb	60.9526	0.6	1121127
Mg 279.078	6850.16b	ppb	50.3105	0.7	6922.87
Mn 257.610	731.360b	ppb	5.1612	0.7	61909.8
Mo 202.032	109.432b	ppb	2.0452	1.9	321.204
Na 330.237	-xb	ppb	2890.81	0.7	23035.7
Ni 231.604	103.277b	ppb	0.6084	0.6	250.988
Pb 220.353	42.3642b	ppb	0.9048	2.1	32.1213
Sb 206.834	44.5483b	ppb	3.2871	7.4	29.2653
Se 196.026	33.3442b	ppb	4.7855	14.4	10.0399
Sn 189.925	39.4369b	ppb	3.9542	10.0	15.3308
Sr 216.596	1117.31b	ppb	6.8876	0.6	5718.13
Ti 334.941	95.3229b	ppb	0.7493	0.8	16261.9
Tl 190.794	43.5282b	ppb	5.0335	11.6	13.0644
V 292.401	97.7872b	ppb	0.6026	0.6	2313.06
Zn 206.200	154.857b	ppb	1.4763	1.0	385.718

680-87513-e-1-c msd (Samp) **2/21/2013, 3:33:20 AM** **Rack 3, Tube 32**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	49.9442b	ppb	0.0743	0.1	1287.69
Al 308.215	6214.30b	ppb	18.4223	0.3	21761.0
As 188.980	104.353b	ppb	6.5910	6.3	31.9905
B 249.678	1894.85b	ppb	5.5443	0.3	13826.4
Ba 389.178	100.469b	ppb	0.0782	0.1	1401.87
Be 313.042	48.7237b	ppb	0.1467	0.3	65113.2
Ca 370.602	17143b	ppb	33.26	0.2	54834
Cd 226.502	49.1020b	ppb	0.3106	0.6	980.947
Co 228.615	47.2971b	ppb	0.7572	1.6	318.478
Cr 267.716	326.839b	ppb	1.4862	0.5	4426.81
Cu 324.754	100.596b	ppb	0.5625	0.6	2570.14
Fe 271.441	5211.06b	ppb	10.9285	0.2	3234.76
K 766.491	9635.58b	ppb	18.1090	0.2	1069004
Mg 279.078	6571.27b	ppb	11.2002	0.2	6642.00
Mn 257.610	702.718b	ppb	1.6538	0.2	59485.3
Mo 202.032	105.303b	ppb	1.1982	1.1	309.161
Na 330.237	-xb	ppb	244.879	0.1	21867.6
Ni 231.604	101.278b	ppb	1.9991	2.0	246.137
Pb 220.353	42.1950b	ppb	0.1475	0.3	32.0432
Sb 206.834	44.6994b	ppb	1.5773	3.5	29.2197
Se 196.026	31.5379b	ppb	6.5392	20.7	9.6301
Sn 189.925	43.4765b	ppb	2.3446	5.4	17.3201
Sr 216.596	1062.72b	ppb	2.3596	0.2	5438.48
Ti 334.941	91.9769b	ppb	0.2119	0.2	15689.0
Tl 190.794	39.1027b	ppb	4.0229	10.3	11.3179
V 292.401	94.3876b	ppb	0.2883	0.3	2233.37
Zn 206.200	149.279b	ppb	0.6204	0.4	371.851

680-87513-e-2-a (Samp) **2/21/2013, 3:39:30 AM** **Rack 3, Tube 33**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3952	ppb	0.1485	37.6	-35.1397
Al 308.215	21.7200	ppb	0.8876	4.1	379.305
As 188.980	-4.3966	ppb	2.0780	47.3	-2.0324
B 249.678	77.3769	ppb	1.3599	1.8	641.653
Ba 389.178	14.5178	ppb	0.7672	5.3	182.209
Be 313.042	0.0378	ppb	0.0143	37.8	-23.5135
Ca 370.602	117435	ppb	2869	2.4	381486
Cd 226.502	0.0386	ppb	0.1025	265.5	14.0380
Co 228.615	0.5446	ppb	0.1803	33.1	-9.8990
Cr 267.716	0.4169	ppb	0.3017	72.4	13.7401
Cu 324.754	1.0018	ppb	0.3757	37.5	-142.953
Fe 271.441	191.660	ppb	1.8911	1.0	105.228
K 766.491	3180.42	ppb	58.8028	1.8	354375
Mg 279.078	6678.05	ppb	168.182	2.5	6765.48
Mn 257.610	29.1045	ppb	0.6550	2.3	2469.37
Mo 202.032	0.2690	ppb	0.3684	137.0	2.8190
Na 330.237	22047.4	ppb	169.479	0.8	1238.99
Ni 231.604	0.7188	ppb	0.9346	130.0	2.5308
Pb 220.353	-1.4080	ppb	0.2958	21.0	1.5513
Sb 206.834	-4.9953	ppb	1.8354	36.7	2.8169
Se 196.026	-4.3184	ppb	3.2414	75.1	1.5090
Sn 189.925	7.5444	ppb	1.7925	23.8	-0.7896
Sr 216.596	725.710	ppb	17.6366	2.4	3718.59
Ti 334.941	0.3756	ppb	0.1115	29.7	107.432
Tl 190.794	6.8692	ppb	5.3392	77.7	-2.1395
V 292.401	1.7620	ppb	0.0283	1.6	51.9423
Zn 206.200	4.0483	ppb	0.0541	1.3	10.7131

680-87505-c-1-a (Samp) **2/21/2013, 3:45:40 AM** **Rack 3, Tube 34**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.5556	ppb	0.1962	35.3	-40.6967
Al 308.215	6438.64	ppb	370.044	5.7	22527.7
As 188.980	-2.3331	ppb	1.1425	49.0	-1.6244
B 249.678	165.408	ppb	9.3225	5.6	1266.45
Ba 389.178	67.5660	ppb	3.2255	4.8	933.523
Be 313.042	0.2689	ppb	0.0321	11.9	274.576
Ca 370.602	28662	ppb	1521	5.3	91772
Cd 226.502	0.4422	ppb	0.1556	35.2	38.8035
Co 228.615	3.4997	ppb	0.5006	14.3	14.8591
Cr 267.716	6.7301	ppb	0.5510	8.2	95.7043
Cu 324.754	54.4631	ppb	2.1734	4.0	1380.20
Fe 271.441	8404.97	ppb	460.433	5.5	5222.93
K 766.491	5122.73	ppb	211.068	4.1	569395
Mg 279.078	2982.92	ppb	161.212	5.4	3011.83
Mn 257.610	255.476	ppb	14.2347	5.6	21634.6
Mo 202.032	11.4951	ppb	0.7983	6.9	34.7634
Na 330.237	25954.7	ppb	1513.11	5.8	1453.83
Ni 231.604	9.1181	ppb	0.6709	7.4	23.1508
Pb 220.353	30.0777	ppb	4.1693	13.9	23.5899

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-0.1656	ppb	1.6522	997.5	4.3902
Se 196.026	1.8480	ppb	0.7967	43.1	2.7324
Sn 189.925	11.6210	ppb	1.5803	13.6	1.5544
Sr 216.596	94.7661	ppb	5.1316	5.4	484.959
Ti 334.941	329.598	ppb	18.4167	5.6	56350.4
Tl 190.794	0.9270	ppb	5.2396	565.2	-4.0068
V 292.401	22.5752	ppb	1.2560	5.6	551.773
Zn 206.200	202.695	ppb	12.2986	6.1	505.962

680-87505-c-2-a (Samp) **2/21/2013, 3:51:50 AM** **Rack 3, Tube 35**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.5999	ppb	0.3234	53.9	-42.8985
Al 308.215	9869.50	ppb	55.7103	0.6	34369.4
As 188.980	-3.9700	ppb	3.8563	97.1	-2.2501
B 249.678	72.2089	ppb	0.9820	1.4	583.522
Ba 389.178	78.3712	ppb	0.4788	0.6	1090.07
Be 313.042	0.4115	ppb	0.0117	2.8	471.398
Ca 370.602	20704	ppb	96.58	0.5	65338
Cd 226.502	0.9348	ppb	0.0963	10.3	56.1648
Co 228.615	4.5149	ppb	0.3801	8.4	23.7217
Cr 267.716	10.6947	ppb	0.2226	2.1	147.547
Cu 324.754	84.1572	ppb	0.7586	0.9	2147.36
Fe 271.441	12141.9	ppb	56.8858	0.5	7551.40
K 766.491	4504.61	ppb	19.3238	0.4	500960
Mg 279.078	3159.49	ppb	11.5711	0.4	3179.20
Mn 257.610	240.629	ppb	1.0901	0.5	20381.4
Mo 202.032	5.0006	ppb	0.4789	9.6	15.3914
Na 330.237	14593.6	ppb	158.409	1.1	815.326
Ni 231.604	12.7703	ppb	0.5949	4.7	32.1881
Pb 220.353	50.8227	ppb	8.9971	17.7	38.2213
Sb 206.834	1.5266	ppb	2.0625	135.1	5.1334
Se 196.026	2.7751	ppb	9.9132	357.2	2.8439
Sn 189.925	10.9402	ppb	1.9219	17.6	1.2664
Sr 216.596	68.7633	ppb	0.9536	1.4	352.643
Ti 334.941	458.782	ppb	1.9797	0.4	78443.7
Tl 190.794	8.0861	ppb	2.9599	36.6	-1.2004
V 292.401	34.6240	ppb	0.1058	0.3	843.484
Zn 206.200	318.933	ppb	1.9968	0.6	795.800

680-87505-c-3-a (Samp) **2/21/2013, 3:58:00 AM** **Rack 3, Tube 36**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.7434	ppb	0.2338	31.4	-46.4689
Al 308.215	9119.98	ppb	315.342	3.5	31782.3
As 188.980	-0.8833	ppb	5.4066	612.1	-1.2532
B 249.678	56.7081	ppb	2.2282	3.9	472.672
Ba 389.178	72.8671	ppb	2.4270	3.3	1010.87
Be 313.042	0.3857	ppb	0.0230	6.0	434.625
Ca 370.602	17819	ppb	568.0	3.2	56115
Cd 226.502	0.8154	ppb	0.2340	28.7	51.8460

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	4.2739	ppb	0.3389	7.9	21.6135
Cr 267.716	9.3680	ppb	0.3052	3.3	130.022
Cu 324.754	74.4617	ppb	1.6797	2.3	1907.32
Fe 271.441	11163.1	ppb	365.917	3.3	6941.51
K 766.491	4154.76	ppb	95.4326	2.3	462230
Mg 279.078	2824.24	ppb	90.2220	3.2	2843.68
Mn 257.610	225.394	ppb	7.2300	3.2	19090.9
Mo 202.032	4.6663	ppb	0.2368	5.1	14.5182
Na 330.237	11927.0	ppb	374.887	3.1	666.434
Ni 231.604	10.3131	ppb	0.2131	2.1	26.1786
Pb 220.353	42.2265	ppb	3.8123	9.0	32.0924
Sb 206.834	-3.9009	ppb	1.4510	37.2	2.4115
Se 196.026	5.5139	ppb	10.5238	190.9	3.4889
Sn 189.925	10.6674	ppb	3.7049	34.7	1.1334
Sr 216.596	60.5037	ppb	2.5757	4.3	309.993
Ti 334.941	425.486	ppb	14.6595	3.4	72745.2
Tl 190.794	5.0597	ppb	2.8971	57.3	-2.3528
V 292.401	31.0197	ppb	0.9872	3.2	756.867
Zn 206.200	376.795	ppb	12.6358	3.4	940.019

Cont Calib Verif (CCV) **2/21/2013, 4:04:10 AM** **Rack 3, Tube 37**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	495.054	ppb	15.8786	3.2	12978.8	99.01082
Al 308.215	4954.38	ppb	156.074	3.2	17718.7	99.08761
As 188.980	484.673	ppb	15.7867	3.3	151.981	96.93469
B 249.678	2404.31	ppb	66.8270	2.8	17529.8	96.17258
Ba 389.178	5107.73	ppb	155.280	3.0	72116.8	102.15468
Be 313.042	499.371	ppb	15.1388	3.0	670695	99.87416
Ca 370.602	5126	ppb	149.1	2.9	16024	102.51178
Cd 226.502	500.885	ppb	14.4151	2.9	9797.64	100.17693
Co 228.615	501.754	ppb	15.6434	3.1	3514.60	100.35082
Cr 267.716	5108.73	ppb	154.808	3.0	69054.1	102.17467
Cu 324.754	5005.85	ppb	115.036	2.3	126688	100.11706
Fe 271.441	4972.61	ppb	145.885	2.9	3134.95	99.45219
K 766.491	9805.57	ppb	255.086	2.6	1086662	98.05570
Mg 279.078	4872.76	ppb	148.204	3.0	4921.50	97.45525
Mn 257.610	5196.35	ppb	153.605	3.0	439822	103.92710
Mo 202.032	514.766	ppb	14.5649	2.8	1498.17	102.95323
Na 330.237	7445.25	ppb	226.853	3.0	419.545	99.27005
Ni 231.604	2536.09	ppb	75.6996	3.0	6141.11	101.44360
Pb 220.353	488.010	ppb	16.5112	3.4	350.298	97.60206
Sb 206.834	493.612	ppb	17.4806	3.5	277.190	98.72240
Se 196.026	5012.56	ppb	121.237	2.4	1142.00	100.25121
Sn 189.925	5013.58	ppb	123.170	2.5	2467.56	100.27161
Sr 216.596	2463.01	ppb	74.8924	3.0	12526.6	98.52048
Ti 334.941	505.848	ppb	15.4437	3.1	86733.4	101.16953
Tl 190.794	5152.79	ppb	134.480	2.6	2049.64	103.05582
V 292.401	4971.50	ppb	152.218	3.1	118844	99.43008
Zn 206.200	2525.01	ppb	75.2615	3.0	6279.53	101.00035

Cont Calib Blank (CCB) **2/21/2013, 4:10:20 AM** **Rack 3, Tube 38**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.1077	ppb	0.3001	278.7	-27.5651	-0.10769
Al 308.215	-9.6097	ppb	1.9142	19.9	271.095	-9.60971
As 188.980	4.3964	ppb	2.2287	50.7	0.7310	4.39644
B 249.678	11.7426	ppb	1.9681	16.8	165.483	11.74261
Ba 389.178	0.7786	ppb	0.8125	104.4	-22.6371	0.77860
Be 313.042	0.0132	ppb	0.0177	134.0	-83.4638	0.01320
Ca 370.602	0.8410	ppb	0.8195	97.4	-73.78	0.84097
Cd 226.502	-0.0344	ppb	0.0199	58.0	12.2855	-0.03437
Co 228.615	-0.0433	ppb	0.4907	1133.8	-14.0608	-0.04328
Cr 267.716	0.4852	ppb	0.1239	25.5	14.6160	0.48517
Cu 324.754	-0.1177	ppb	0.5318	452.0	52.3713	-0.11765
Fe 271.441	7.0848	ppb	6.8163	96.2	-9.8014	7.08477
K 766.491	-0.5051	ppb	0.2248	44.5	2217.87	-0.50511
Mg 279.078	-3.5812	ppb	2.6639	74.4	22.4308	-3.58119
Mn 257.610	0.1471	ppb	0.0491	33.3	14.4211	0.14714
Mo 202.032	0.7225	ppb	0.4027	55.7	4.1659	0.72248
Na 330.237	-58.3169	ppb	95.2165	163.3	0.0292	-58.31692
Ni 231.604	-0.3371	ppb	0.6637	196.9	-0.2489	-0.33712
Pb 220.353	-2.8132	ppb	3.6713	130.5	0.5399	-2.81322
Sb 206.834	-2.8832	ppb	4.6944	162.8	3.0302	-2.88319
Se 196.026	8.7161	ppb	2.0450	23.5	4.4703	8.71613
Sn 189.925	8.8922	ppb	1.1726	13.2	0.2240	8.89219
Sr 216.596	-0.7824	ppb	0.6619	84.6	-7.8956	-0.78240
Ti 334.941	0.1037	ppb	0.0497	47.9	-40.6304	0.10366
Tl 190.794	-0.3975	ppb	3.0971	779.1	-4.0731	-0.39752
V 292.401	-0.1188	ppb	0.0656	55.2	6.8376	-0.11881
Zn 206.200	0.1201	ppb	0.2046	170.3	0.7331	0.12013

680-87505-c-4-a (Samp) **2/21/2013, 4:16:30 AM** **Rack 3, Tube 39**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3553	ppb	0.4297	120.9	-36.2916
Al 308.215	9252.78	ppb	180.237	1.9	32240.8
As 188.980	1.1673	ppb	2.4978	214.0	-0.6317
B 249.678	127.555	ppb	3.9030	3.1	985.516
Ba 389.178	81.1792	ppb	2.3437	2.9	1130.05
Be 313.042	0.3847	ppb	0.0168	4.4	434.905
Ca 370.602	26146	ppb	420.5	1.6	83048
Cd 226.502	0.6291	ppb	0.0888	14.1	49.8448
Co 228.615	4.5588	ppb	0.1952	4.3	24.1703
Cr 267.716	10.4396	ppb	0.2927	2.8	144.285
Cu 324.754	80.7822	ppb	2.5012	3.1	2051.49
Fe 271.441	11983.8	ppb	190.207	1.6	7452.90
K 766.491	5183.06	ppb	95.5799	1.8	576071
Mg 279.078	3450.05	ppb	63.3481	1.8	3472.80
Mn 257.610	295.723	ppb	5.6827	1.9	25044.7
Mo 202.032	9.6803	ppb	0.3780	3.9	29.0803
Na 330.237	22665.8	ppb	544.434	2.4	1267.65
Ni 231.604	13.5440	ppb	0.2954	2.2	34.0601
Pb 220.353	44.3386	ppb	1.2239	2.8	33.5909

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-0.3750	ppb	2.8171	751.3	4.1898
Se 196.026	6.6136	ppb	6.5964	99.7	3.7285
Sn 189.925	12.0995	ppb	1.1833	9.8	1.8264
Sr 216.596	87.1174	ppb	1.9709	2.3	446.736
Ti 334.941	475.354	ppb	7.5134	1.6	81283.0
Tl 190.794	6.4447	ppb	4.3286	67.2	-1.8811
V 292.401	32.9914	ppb	0.8374	2.5	803.439
Zn 206.200	274.789	ppb	3.8951	1.4	685.757

680-87505-c-5-a (Samp) **2/21/2013, 4:22:40 AM** **Rack 3, Tube 40**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.5075b	ppb	0.4541	89.5	-36.7232
Al 308.215	1160.94b	ppb	3.0390	0.3	4313.28
As 188.980	-12.9876b	ppb	2.4408	18.8	-4.8779
B 249.678	941.502b	ppb	2.4623	0.3	6903.75
Ba 389.178	141.069b	ppb	1.3089	0.9	1981.32
Be 313.042	0.0646b	ppb	0.0117	18.1	21.8019
Ca 370.602	208470b	ppb	194.6	0.1	676381
Cd 226.502	1.3888b	ppb	0.2269	16.3	52.1044
Co 228.615	5.0980b	ppb	0.4113	8.1	21.4829
Cr 267.716	3.5845b	ppb	0.2379	6.6	55.0379
Cu 324.754	129.780b	ppb	0.4430	0.3	2944.78
Fe 271.441	6116.61b	ppb	14.7092	0.2	3797.14
K 766.491	24026.5b	ppb	45.6890	0.2	2662210
Mg 279.078	10497.2b	ppb	8.9487	0.1	10601.9
Mn 257.610	676.899b	ppb	1.7055	0.3	57303.5
Mo 202.032	85.9479b	ppb	1.2870	1.5	252.575
Na 330.237	-xb	ppb	532.644	0.4	6667.35
Ni 231.604	20.5345b	ppb	0.5263	2.6	50.8914
Pb 220.353	80.3872b	ppb	2.1314	2.7	60.3914
Sb 206.834	8.9192b	ppb	2.3136	25.9	10.3891
Se 196.026	3.3321b	ppb	5.6867	170.7	3.1955
Sn 189.925	8.6293b	ppb	2.3134	26.8	-0.5009
Sr 216.596	680.829b	ppb	0.9257	0.1	3491.86
Ti 334.941	39.3160b	ppb	0.1638	0.4	6844.18
Tl 190.794	4.9759b	ppb	2.2016	44.2	-3.9424
V 292.401	8.9213b	ppb	0.2256	2.5	205.676
Zn 206.200	376.491b	ppb	1.0623	0.3	939.390

680-87514-b-1-a (Samp) **2/21/2013, 4:28:51 AM** **Rack 3, Tube 41**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-1.0000b	ppb	0.3967	39.7	-51.5495
Al 308.215	181.121b	ppb	6.0065	3.3	930.426
As 188.980	-8.2344b	ppb	3.5478	43.1	-3.2382
B 249.678	246.496b	ppb	7.8552	3.2	1869.24
Ba 389.178	272.322b	ppb	9.7061	3.6	3948.16
Be 313.042	0.0605b	ppb	0.0100	16.5	-42.7351
Ca 370.602	157863b	ppb	5031	3.2	512844
Cd 226.502	0.3852b	ppb	0.1045	27.1	19.1839

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	1.9318b	ppb	1.0146	52.5	-0.0675
Cr 267.716	2.1828b	ppb	0.1750	8.0	41.3550
Cu 324.754	6.8364b	ppb	0.1592	2.3	-68.5577
Fe 271.441	247.924b	ppb	15.3306	6.2	140.437
K 766.491	25284.4b	ppb	731.774	2.9	2801441
Mg 279.078	85293.3b	ppb	2762.01	3.2	86109.6
Mn 257.610	9.0301b	ppb	0.3738	4.1	809.457
Mo 202.032	5.5779b	ppb	0.1279	2.3	18.3085
Na 330.237	-xb	ppb	27295.6	3.3	46222.9
Ni 231.604	7.1919b	ppb	0.9959	13.8	20.7025
Pb 220.353	-3.7296b	ppb	1.4455	38.8	-0.1500
Sb 206.834	-2.3257b	ppb	5.2308	224.9	4.4379
Se 196.026	16.1463b	ppb	2.2446	13.9	6.1540
Sn 189.925	9.7026b	ppb	1.0653	11.0	0.3149
Sr 216.596	3208.75b	ppb	98.0286	3.1	16441.5
Ti 334.941	0.8146b	ppb	0.0324	4.0	183.566
Tl 190.794	4.6896b	ppb	2.8452	60.7	-3.3269
V 292.401	16.0340b	ppb	0.6449	4.0	388.665
Zn 206.200	10.3758b	ppb	1.0974	10.6	28.6659

680-87514-b-2-a (Samp) **2/21/2013, 4:35:01 AM** **Rack 3, Tube 42**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.8568b	ppb	0.4579	53.4	-47.3085
Al 308.215	207.115b	ppb	5.8702	2.8	1020.24
As 188.980	-0.6022b	ppb	7.8916	1310.4	-0.8431
B 249.678	180.054b	ppb	4.5031	2.5	1386.87
Ba 389.178	58.3996b	ppb	0.9001	1.5	806.795
Be 313.042	0.0429b	ppb	0.0067	15.7	-66.0632
Ca 370.602	20117b	ppb	414.5	2.1	65252
Cd 226.502	-0.0612b	ppb	0.1778	290.3	11.0805
Co 228.615	1.9617b	ppb	0.4173	21.3	0.0052
Cr 267.716	3.1732b	ppb	0.3009	9.5	52.8916
Cu 324.754	6.0326b	ppb	0.5091	8.4	170.041
Fe 271.441	246.624b	ppb	14.3492	5.8	139.642
K 766.491	10378.8b	ppb	204.012	2.0	1151294
Mg 279.078	9707.53b	ppb	198.490	2.0	9822.88
Mn 257.610	8.4313b	ppb	0.2118	2.5	719.989
Mo 202.032	5.3885b	ppb	0.8624	16.0	17.7523
Na 330.237	-xb	ppb	12052.2	2.7	24723.3
Ni 231.604	2.9893b	ppb	1.1186	37.4	8.1232
Pb 220.353	-2.9017b	ppb	4.1585	143.3	0.4430
Sb 206.834	-4.9598b	ppb	2.7106	54.7	2.1365
Se 196.026	11.6681b	ppb	6.3224	54.2	5.1360
Sn 189.925	6.9067b	ppb	2.8480	41.2	-0.7256
Sr 216.596	418.113b	ppb	7.9602	1.9	2138.92
Ti 334.941	1.6085b	ppb	0.0483	3.0	214.653
Tl 190.794	2.6577b	ppb	5.0598	190.4	-3.0200
V 292.401	16.8552b	ppb	0.1877	1.1	409.730
Zn 206.200	11.2283b	ppb	0.7054	6.3	28.6895

680-87514-b-3-a (Samp) **2/21/2013, 4:41:11 AM** **Rack 3, Tube 43**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-1.1411b	ppb	0.6011	52.7	-54.7645
Al 308.215	193.152b	ppb	3.7512	1.9	972.144
As 188.980	4.5150b	ppb	9.8035	217.1	0.7628
B 249.678	175.183b	ppb	2.3526	1.3	1351.55
Ba 389.178	51.8268b	ppb	0.3808	0.7	710.512
Be 313.042	0.0434b	ppb	0.0092	21.2	-67.6146
Ca 370.602	15749b	ppb	211.4	1.3	51064
Cd 226.502	0.0853b	ppb	0.2808	329.2	13.8071
Co 228.615	1.9140b	ppb	0.2383	12.5	-0.3358
Cr 267.716	3.2942b	ppb	0.2164	6.6	54.6567
Cu 324.754	8.3119b	ppb	0.4966	6.0	235.930
Fe 271.441	221.022b	ppb	0.8140	0.4	123.695
K 766.491	8832.58b	ppb	112.337	1.3	980116
Mg 279.078	7565.98b	ppb	109.212	1.4	7661.54
Mn 257.610	7.3113b	ppb	0.0330	0.5	623.990
Mo 202.032	5.9816b	ppb	0.7210	12.1	19.4850
Na 330.237	-xb	ppb	6372.09	1.4	26292.7
Ni 231.604	3.3051b	ppb	0.4323	13.1	8.8164
Pb 220.353	-0.7946b	ppb	0.3521	44.3	1.9678
Sb 206.834	0.0684b	ppb	1.5955	2333.0	4.6235
Se 196.026	6.8687b	ppb	2.1839	31.8	4.0460
Sn 189.925	10.3782b	ppb	3.9859	38.4	1.0044
Sr 216.596	330.567b	ppb	3.8334	1.2	1690.21
Ti 334.941	1.0305b	ppb	0.0258	2.5	110.663
Tl 190.794	8.0820b	ppb	3.4837	43.1	-0.8256
V 292.401	18.5794b	ppb	0.1798	1.0	450.918
Zn 206.200	12.0468b	ppb	0.4496	3.7	30.6681

mb 680-266620/1-a (Samp) **2/21/2013, 4:47:21 AM** **Rack 3, Tube 44**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.5854	ppb	0.5274	90.1	-40.1149
Al 308.215	-8.8441	ppb	4.9037	55.4	273.700
As 188.980	3.7099	ppb	4.4554	120.1	0.5154
B 249.678	-1.8030	ppb	0.8415	46.7	67.1708
Ba 389.178	0.4402	ppb	0.2778	63.1	-27.4210
Be 313.042	-0.0190	ppb	0.0127	66.7	-126.597
Ca 370.602	-7.291	ppb	1.749	24.0	-99.81
Cd 226.502	0.0827	ppb	0.1965	237.7	14.5644
Co 228.615	0.4177	ppb	0.4328	103.6	-10.8096
Cr 267.716	0.2549	ppb	0.3857	151.3	11.5030
Cu 324.754	-0.0791	ppb	0.2563	324.1	53.3636
Fe 271.441	0.7631	ppb	4.7840	626.9	-13.7286
K 766.491	1.1753	ppb	1.3941	118.6	2403.99
Mg 279.078	-3.8843	ppb	2.2807	58.7	22.1327
Mn 257.610	0.1502	ppb	0.0583	38.8	14.6748
Mo 202.032	-0.4568	ppb	0.7834	171.5	0.7200
Na 330.237	-177.986	ppb	92.5084	52.0	-6.6770
Ni 231.604	0.2240	ppb	0.5359	239.2	1.1101
Pb 220.353	0.9557	ppb	1.7669	184.9	3.2649

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-1.6247	ppb	2.7876	171.6	3.6668
Se 196.026	5.6738	ppb	1.9615	34.6	3.7792
Sn 189.925	5.0466	ppb	1.6621	32.9	-1.6719
Sr 216.596	-0.8098	ppb	0.5133	63.4	-8.0395
Ti 334.941	-0.1712	ppb	0.0399	23.3	-87.6438
Tl 190.794	6.1402	ppb	3.0971	50.4	-1.4724
V 292.401	-0.3357	ppb	0.1024	30.5	1.8358
Zn 206.200	-0.6806	ppb	0.4237	62.3	-1.2634

llcs 680-266620/2-a (Samp) **2/21/2013, 4:53:31 AM** **Rack 3, Tube 45**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	9.3145	ppb	0.6795	7.3	219.908
Al 308.215	199.839	ppb	18.8768	9.4	994.846
As 188.980	20.7178	ppb	6.9746	33.7	5.8458
B 249.678	94.6842	ppb	7.2334	7.6	767.605
Ba 389.178	11.8999	ppb	1.1634	9.8	135.356
Be 313.042	4.2303	ppb	0.3471	8.2	5564.63
Ca 370.602	515.5	ppb	38.62	7.5	1591
Cd 226.502	5.2752	ppb	0.2984	5.7	116.017
Co 228.615	10.7544	ppb	1.0169	9.5	61.8270
Cr 267.716	10.9386	ppb	1.0254	9.4	155.882
Cu 324.754	20.9327	ppb	1.5441	7.4	584.263
Fe 271.441	51.1220	ppb	5.9338	11.6	18.1158
K 766.491	1089.05	ppb	73.1847	6.7	122839
Mg 279.078	519.205	ppb	36.3078	7.0	549.891
Mn 257.610	11.0645	ppb	0.8311	7.5	938.848
Mo 202.032	8.8737	ppb	0.9557	10.8	27.9686
Na 330.237	907.404	ppb	138.105	15.2	54.1090
Ni 231.604	42.6578	ppb	3.2144	7.5	103.836
Pb 220.353	9.4644	ppb	1.4056	14.9	9.3739
Sb 206.834	16.1395	ppb	5.7530	35.6	12.5582
Se 196.026	28.0335	ppb	4.4037	15.7	8.8594
Sn 189.925	49.2289	ppb	8.9344	18.1	20.1101
Sr 216.596	10.1310	ppb	1.0911	10.8	46.5833
Ti 334.941	10.2471	ppb	0.7932	7.7	1695.55
Tl 190.794	36.8405	ppb	3.4935	9.5	10.7477
V 292.401	10.3786	ppb	1.1174	10.8	256.493
Zn 206.200	21.2113	ppb	1.6779	7.9	53.2940

lcs 680-266620/3-a (Samp) **2/21/2013, 4:59:41 AM** **Rack 3, Tube 46**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	18.7446	ppb	0.3900	2.1	467.891
Al 308.215	1683.70	ppb	15.9231	0.9	6118.20
As 188.980	35.3521	ppb	5.1456	14.6	10.3967
B 249.678	69.5091	ppb	1.4300	2.1	581.949
Ba 389.178	37.1787	ppb	0.1808	0.5	496.077
Be 313.042	17.8274	ppb	0.1937	1.1	23770.8
Ca 370.602	1784	ppb	19.54	1.1	5457
Cd 226.502	18.0677	ppb	0.5133	2.8	369.087

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	18.4076	ppb	0.2939	1.6	115.609
Cr 267.716	35.5093	ppb	0.5160	1.5	487.382
Cu 324.754	35.3788	ppb	0.3356	0.9	947.763
Fe 271.441	1703.37	ppb	18.1139	1.1	1048.02
K 766.491	2053.44	ppb	13.2293	0.6	229602
Mg 279.078	1744.31	ppb	13.1474	0.8	1781.26
Mn 257.610	184.354	ppb	1.8152	1.0	15607.6
Mo 202.032	29.7710	ppb	0.5400	1.8	88.8393
Na 330.237	1713.64	ppb	172.060	10.0	98.6900
Ni 231.604	35.8884	ppb	0.6092	1.7	87.5639
Pb 220.353	13.2195	ppb	2.0144	15.2	11.8822
Sb 206.834	9.9602	ppb	4.1689	41.9	9.7204
Se 196.026	28.4508	ppb	3.9416	13.9	8.9383
Sn 189.925	8.5963	ppb	3.1767	37.0	0.0798
Sr 216.596	36.0427	ppb	0.6427	1.8	179.810
Ti 334.941	32.8405	ppb	0.2254	0.7	5562.99
Tl 190.794	21.3794	ppb	3.4170	16.0	4.5287
V 292.401	34.2474	ppb	0.0955	0.3	823.304
Zn 206.200	35.1383	ppb	0.8716	2.5	88.0042

680-87363-k-1-c (Samp) **2/21/2013, 5:05:52 AM** **Rack 3, Tube 47**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3388	ppb	0.5420	160.0	-33.6376
Al 308.215	-10.1264	ppb	1.1982	11.8	269.298
As 188.980	6.9843	ppb	6.9288	99.2	1.5427
B 249.678	-4.5421	ppb	0.6117	13.5	47.2737
Ba 389.178	0.6726	ppb	0.3692	54.9	-24.1354
Be 313.042	-0.0157	ppb	0.0144	91.8	-121.973
Ca 370.602	-3.982	ppb	1.315	33.0	-89.60
Cd 226.502	-0.1024	ppb	0.0124	12.1	10.9601
Co 228.615	0.2803	ppb	0.3239	115.5	-11.7771
Cr 267.716	0.0356	ppb	0.5159	1448.6	8.5363
Cu 324.754	1.0755	ppb	0.3580	33.3	82.5731
Fe 271.441	-1.1621	ppb	0.8742	75.2	-14.9382
K 766.491	0.2347	ppb	0.2635	112.3	2299.83
Mg 279.078	-5.8581	ppb	7.7444	132.2	20.1307
Mn 257.610	0.0294	ppb	0.0220	74.9	4.4542
Mo 202.032	-0.0748	ppb	0.2670	357.0	1.8356
Na 330.237	16.9687	ppb	182.811	1077.3	4.2501
Ni 231.604	-0.2296	ppb	0.8277	360.6	0.0100
Pb 220.353	0.1864	ppb	4.5165	2422.5	2.7087
Sb 206.834	-4.7429	ppb	2.7108	57.2	2.1092
Se 196.026	3.9960	ppb	1.2836	32.1	3.3979
Sn 189.925	4.3982	ppb	1.4702	33.4	-1.9915
Sr 216.596	-0.4004	ppb	0.2936	73.3	-5.9322
Ti 334.941	-0.0588	ppb	0.0537	91.3	-68.4204
Tl 190.794	1.3465	ppb	3.0635	227.5	-3.3789
V 292.401	-0.0154	ppb	0.0593	385.6	9.4538
Zn 206.200	0.4481	ppb	0.4651	103.8	1.5504

680-87363-k-1-cSD^5 (Samp) **2/21/2013, 5:12:02 AM** **Rack 3, Tube 48**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0524	ppb	0.3302	630.5	-26.1132
Al 308.215	-9.8533	ppb	1.5427	15.7	270.245
As 188.980	-4.1932	ppb	2.7516	65.6	-1.9640
B 249.678	-4.1561	ppb	0.4525	10.9	50.0710
Ba 389.178	0.0379	ppb	0.3131	825.8	-33.0924
Be 313.042	-0.0025	ppb	0.0008	30.0	-104.420
Ca 370.602	3.685	ppb	0.4883	13.3	-64.95
Cd 226.502	0.0419	ppb	0.0346	82.5	13.7797
Co 228.615	0.2564	ppb	0.5572	217.3	-11.9496
Cr 267.716	0.1118	ppb	0.3025	270.6	9.5651
Cu 324.754	-0.0571	ppb	0.1974	345.9	53.8997
Fe 271.441	-3.9825	ppb	4.9787	125.0	-16.6938
K 766.491	-0.4448	ppb	0.0610	13.7	2224.71
Mg 279.078	-5.1216	ppb	0.5843	11.4	20.8688
Mn 257.610	0.0444	ppb	0.0229	51.5	5.7309
Mo 202.032	-0.0818	ppb	0.7871	962.4	1.8151
Na 330.237	-92.4768	ppb	161.339	174.5	-1.8855
Ni 231.604	0.0725	ppb	0.2595	357.7	0.7443
Pb 220.353	-0.7920	ppb	4.1587	525.1	2.0012
Sb 206.834	-5.8342	ppb	0.5325	9.1	1.5549
Se 196.026	2.9415	ppb	5.3598	182.2	3.1582
Sn 189.925	9.2680	ppb	2.4290	26.2	0.4093
Sr 216.596	-0.2308	ppb	0.4237	183.6	-5.0742
Ti 334.941	0.0673	ppb	0.0362	53.8	-46.8515
Tl 190.794	2.3936	ppb	11.1042	463.9	-2.9630
V 292.401	-0.1046	ppb	0.1821	174.1	7.2642
Zn 206.200	0.4563	ppb	0.3308	72.5	1.5715

Cont Calib Verif (CCV) **2/21/2013, 5:18:12 AM** **Rack 3, Tube 49**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	500.901	ppb	3.5007	0.7	13132.4	100.18013
Al 308.215	5045.88	ppb	53.3662	1.1	18039.5	100.91755
As 188.980	492.221	ppb	6.3782	1.3	154.360	98.44417
B 249.678	2439.58	ppb	16.4878	0.7	17785.7	97.58332
Ba 389.178	5207.47	ppb	52.9925	1.0	73525.6	104.14944
Be 313.042	508.048	ppb	4.9015	1.0	682346	101.60957
Ca 370.602	5219	ppb	52.67	1.0	16318	104.38432
Cd 226.502	510.019	ppb	5.2283	1.0	9976.07	102.00371
Co 228.615	510.825	ppb	5.4780	1.1	3578.39	102.16499
Cr 267.716	5216.62	ppb	43.3238	0.8	70512.4	104.33246
Cu 324.754	5108.54	ppb	20.6577	0.4	129286	102.17089
Fe 271.441	5058.47	ppb	52.2155	1.0	3189.23	101.16944
K 766.491	9940.48	ppb	97.5730	1.0	1101575	99.40478
Mg 279.078	4943.86	ppb	68.0379	1.4	4992.86	98.87720
Mn 257.610	5287.42	ppb	52.0961	1.0	447530	105.74842
Mo 202.032	523.840	ppb	6.0240	1.1	1524.56	104.76808
Na 330.237	7441.62	ppb	49.8505	0.7	419.328	99.22166
Ni 231.604	2583.44	ppb	26.8907	1.0	6255.75	103.33743
Pb 220.353	503.334	ppb	2.5800	0.5	361.282	100.66687

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sb 206.834	499.427	ppb	5.7785	1.2	280.646	99.88539
Se 196.026	5106.17	ppb	67.7367	1.3	1163.28	102.12333
Sn 189.925	5077.39	ppb	50.3650	1.0	2499.02	101.54774
Sr 216.596	2508.78	ppb	28.8739	1.2	12759.5	100.35121
Ti 334.941	514.241	ppb	5.2457	1.0	88173.9	102.84811
Tl 190.794	5251.83	ppb	54.5073	1.0	2089.10	105.03670
V 292.401	5048.53	ppb	57.2586	1.1	120685	100.97067
Zn 206.200	2568.84	ppb	26.4874	1.0	6388.51	102.75352

Cont Calib Blank (CCB) **2/21/2013, 5:24:22 AM** **Rack 3, Tube 50**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.6871	ppb	0.1974	28.7	-42.7832	-0.68707
Al 308.215	-10.2051	ppb	1.1744	11.5	269.055	-10.20512
As 188.980	2.2477	ppb	4.4727	199.0	0.0568	2.24773
B 249.678	8.4219	ppb	1.9090	22.7	141.371	8.42188
Ba 389.178	0.9841	ppb	0.1623	16.5	-19.7286	0.98411
Be 313.042	0.0033	ppb	0.0058	177.2	-96.7112	0.00327
Ca 370.602	-0.3803	ppb	3.945	1037.2	-78.15	-0.38034
Cd 226.502	-0.0773	ppb	0.0431	55.8	11.4538	-0.07726
Co 228.615	0.3121	ppb	0.2582	82.7	-11.5686	0.31206
Cr 267.716	0.1793	ppb	0.2580	143.9	10.4785	0.17929
Cu 324.754	0.1325	ppb	0.2730	206.0	58.7109	0.13254
Fe 271.441	5.1950	ppb	7.3767	142.0	-10.9763	5.19497
K 766.491	-0.4314	ppb	0.1796	41.6	2226.00	-0.43141
Mg 279.078	-2.6592	ppb	1.5014	56.5	23.3542	-2.65922
Mn 257.610	0.1394	ppb	0.0812	58.3	13.7654	0.13937
Mo 202.032	0.7035	ppb	0.1857	26.4	4.1101	0.70353
Na 330.237	20.5200	ppb	114.955	560.2	4.4469	20.51997
Ni 231.604	0.4416	ppb	1.3037	295.2	1.6390	0.44157
Pb 220.353	0.1612	ppb	3.6600	2269.9	2.6892	0.16124
Sb 206.834	-3.4181	ppb	1.9967	58.4	2.7637	-3.41809
Se 196.026	5.6445	ppb	6.4218	113.8	3.7724	5.64448
Sn 189.925	9.2448	ppb	3.2020	34.6	0.3978	9.24477
Sr 216.596	-0.2864	ppb	0.5670	198.0	-5.3809	-0.28638
Ti 334.941	0.0183	ppb	0.0885	483.1	-55.2292	0.01831
Tl 190.794	8.0348	ppb	1.9802	24.6	-0.7206	8.03479
V 292.401	-0.0075	ppb	0.0512	681.1	9.4472	-0.00752
Zn 206.200	-0.4255	ppb	0.5357	125.9	-0.6268	-0.42547

680-87363-k-1-cPDS (Samp) **2/21/2013, 5:30:32 AM** **Rack 3, Tube 51**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	41.3398	ppb	1.4198	3.4	1060.54
Al 308.215	1981.60	ppb	47.4074	2.4	7188.76
As 188.980	2180.36	ppb	55.0666	2.5	683.388
B 249.678	983.262	ppb	24.6093	2.5	7221.15
Ba 389.178	2105.74	ppb	53.4202	2.5	29709.4
Be 313.042	51.2429	ppb	1.2616	2.5	68693.3
Ca 370.602	5070	ppb	122.5	2.4	16346
Cd 226.502	52.2440	ppb	1.5816	3.0	1034.74

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	525.871	ppb	16.0705	3.1	3687.48
Cr 267.716	211.042	ppb	5.0777	2.4	2859.36
Cu 324.754	258.231	ppb	7.8694	3.0	6575.87
Fe 271.441	1036.76	ppb	18.6400	1.8	655.896
K 766.491	5207.54	ppb	100.755	1.9	578312
Mg 279.078	5011.09	ppb	130.975	2.6	5079.67
Mn 257.610	534.202	ppb	12.8641	2.4	45228.6
Mo 202.032	535.262	ppb	12.7450	2.4	1565.50
Na 330.237	4681.74	ppb	191.756	4.1	259.806
Ni 231.604	523.215	ppb	11.4017	2.2	1267.78
Pb 220.353	517.811	ppb	14.2973	2.8	375.735
Sb 206.834	497.461	ppb	10.8898	2.2	251.069
Se 196.026	2109.53	ppb	55.6503	2.6	481.820
Sn 189.925	1047.67	ppb	23.6036	2.3	512.516
Sr 216.596	528.525	ppb	13.9188	2.6	2679.99
Ti 334.941	1030.04	ppb	25.6483	2.5	176166
Tl 190.794	2231.72	ppb	62.9854	2.8	884.621
V 292.401	513.575	ppb	12.9816	2.5	12212.9
Zn 206.200	516.506	ppb	13.1178	2.5	1287.55

680-87512-f-1-a (Samp) **2/21/2013, 5:36:43 AM** **Rack 3, Tube 52**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4764	ppb	0.3183	66.8	-37.4195
Al 308.215	-2.4033	ppb	2.7136	112.9	295.987
As 188.980	-0.7857	ppb	3.5627	453.4	-0.8966
B 249.678	22.5294	ppb	1.6764	7.4	243.696
Ba 389.178	29.5838	ppb	0.8965	3.0	402.745
Be 313.042	0.0181	ppb	0.0061	33.4	-72.9913
Ca 370.602	22419	ppb	640.6	2.9	72762
Cd 226.502	0.0508	ppb	0.2036	400.8	14.0961
Co 228.615	0.5670	ppb	0.1255	22.1	-9.7600
Cr 267.716	-0.0472	ppb	0.5062	1072.7	7.4614
Cu 324.754	142.509	ppb	2.4548	1.7	3619.85
Fe 271.441	56.2373	ppb	7.9113	14.1	20.8361
K 766.491	2739.05	ppb	59.6980	2.2	305507
Mg 279.078	11585.2	ppb	335.047	2.9	11718.5
Mn 257.610	2.7697	ppb	0.0555	2.0	242.487
Mo 202.032	1.3227	ppb	0.3963	30.0	5.9140
Na 330.237	13693.9	ppb	513.016	3.7	770.818
Ni 231.604	1.8765	ppb	1.0364	55.2	5.4822
Pb 220.353	1.1360	ppb	1.8661	164.3	3.3924
Sb 206.834	-4.5766	ppb	3.1200	68.2	2.3509
Se 196.026	11.3869	ppb	12.2883	107.9	5.0761
Sn 189.925	3.8197	ppb	2.0058	52.5	-2.3414
Sr 216.596	369.426	ppb	10.9862	3.0	1889.51
Ti 334.941	0.0965	ppb	0.0283	29.4	-22.8065
Tl 190.794	4.1055	ppb	1.8760	45.7	-2.4666
V 292.401	0.0913	ppb	0.0849	93.1	11.8168
Zn 206.200	3.3610	ppb	0.2857	8.5	9.1369

680-87512-f-1-b ms (Samp) **2/21/2013, 5:42:53 AM** **Rack 3, Tube 53**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	17.2466	ppb	0.5000	2.9	428.364
Al 308.215	1574.57	ppb	55.2660	3.5	5741.53
As 188.980	27.8583	ppb	3.3549	12.0	8.0482
B 249.678	85.0084	ppb	3.1262	3.7	694.532
Ba 389.178	61.3797	ppb	1.4264	2.3	855.548
Be 313.042	16.4330	ppb	0.4974	3.0	21907.4
Ca 370.602	23384	ppb	694.9	3.0	75657
Cd 226.502	16.6174	ppb	0.4272	2.6	340.673
Co 228.615	16.5176	ppb	0.4078	2.5	102.271
Cr 267.716	32.4586	ppb	1.1857	3.7	446.230
Cu 324.754	169.723	ppb	6.2427	3.7	4307.15
Fe 271.441	1641.15	ppb	47.8738	2.9	1009.18
K 766.491	4533.29	ppb	95.9448	2.1	504140
Mg 279.078	12844.5	ppb	364.882	2.8	12984.6
Mn 257.610	170.981	ppb	4.9649	2.9	14481.4
Mo 202.032	32.9326	ppb	1.2503	3.8	98.0886
Na 330.237	14730.3	ppb	350.543	2.4	828.295
Ni 231.604	33.6931	ppb	0.4121	1.2	82.6014
Pb 220.353	18.4405	ppb	1.5459	8.4	15.6653
Sb 206.834	12.9701	ppb	3.1431	24.2	11.3400
Se 196.026	36.8664	ppb	8.4235	22.8	10.8501
Sn 189.925	17.0171	ppb	0.6366	3.7	4.1684
Sr 216.596	391.837	ppb	10.4080	2.7	2003.40
Ti 334.941	31.1410	ppb	0.9419	3.0	5290.48
Tl 190.794	21.4826	ppb	6.9268	32.2	4.3910
V 292.401	32.6321	ppb	1.0152	3.1	784.103
Zn 206.200	36.0467	ppb	1.3607	3.8	90.5864

680-87512-f-1-c msd (Samp) **2/21/2013, 5:49:03 AM** **Rack 3, Tube 54**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	13.5594	ppb	0.2726	2.0	331.446
Al 308.215	1061.39	ppb	29.7760	2.8	3969.48
As 188.980	22.7844	ppb	8.5148	37.4	6.4701
B 249.678	66.1469	ppb	1.6979	2.6	558.512
Ba 389.178	50.8883	ppb	1.8503	3.6	705.848
Be 313.042	11.2705	ppb	0.3057	2.7	14994.5
Ca 370.602	22694	ppb	603.4	2.7	73494
Cd 226.502	11.4426	ppb	0.2942	2.6	238.600
Co 228.615	11.7266	ppb	0.4309	3.7	68.6180
Cr 267.716	21.7383	ppb	0.4815	2.2	301.526
Cu 324.754	159.272	ppb	5.0445	3.2	4043.83
Fe 271.441	1120.13	ppb	22.1398	2.0	684.295
K 766.491	4222.31	ppb	85.1087	2.0	469713
Mg 279.078	12269.7	ppb	322.954	2.6	12406.1
Mn 257.610	118.756	ppb	3.1252	2.6	10060.5
Mo 202.032	23.1213	ppb	1.6166	7.0	69.4822
Na 330.237	14329.3	ppb	488.136	3.4	806.021
Ni 231.604	24.5411	ppb	0.9651	3.9	60.4061
Pb 220.353	8.4118	ppb	3.9829	47.3	8.4926

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	4.0550	ppb	6.6671	164.4	6.8092
Se 196.026	21.2722	ppb	10.6447	50.0	7.3126
Sn 189.925	10.2454	ppb	2.9586	28.9	0.8300
Sr 216.596	379.175	ppb	9.2532	2.4	1938.76
Ti 334.941	21.2777	ppb	0.5902	2.8	3602.02
Tl 190.794	16.5184	ppb	3.8952	23.6	2.4380
V 292.401	22.4461	ppb	0.4187	1.9	542.353
Zn 206.200	26.3670	ppb	0.8632	3.3	66.4613

680-87381-a-1-a^100 (Samp) **2/21/2013, 5:55:13 AM** **Rack 3, Tube 55**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0796	ppb	0.4950	622.2	-22.8990
Al 308.215	370.506	ppb	1.8869	0.5	1583.07
As 188.980	-5.4637	ppb	9.1531	167.5	-2.3721
B 249.678	-1.4656	ppb	0.8427	57.5	69.0369
Ba 389.178	108.606	ppb	0.4502	0.4	1501.53
Be 313.042	0.0082	ppb	0.0100	122.1	-86.9139
Ca 370.602	15675	ppb	131.9	0.8	50796
Cd 226.502	0.9190	ppb	0.1164	12.7	31.7855
Co 228.615	9.2543	ppb	0.3499	3.8	51.9989
Cr 267.716	14.7617	ppb	0.4198	2.8	207.485
Cu 324.754	3.0281	ppb	0.2688	8.9	101.994
Fe 271.441	417.581	ppb	11.5816	2.8	246.286
K 766.491	45.2515	ppb	0.5088	1.1	7258.57
Mg 279.078	832.504	ppb	7.2751	0.9	865.050
Mn 257.610	9.7093	ppb	0.0620	0.6	824.997
Mo 202.032	0.1316	ppb	0.5632	428.1	2.3969
Na 330.237	190.467	ppb	100.328	52.7	15.9308
Ni 231.604	0.9018	ppb	0.5163	57.3	2.7943
Pb 220.353	4192.54	ppb	33.0652	0.8	3032.68
Sb 206.834	2.0382	ppb	2.5469	125.0	5.6575
Se 196.026	-0.4431	ppb	5.5798	1259.2	2.3801
Sn 189.925	8.4675	ppb	2.9751	35.1	-0.0219
Sr 216.596	21.6041	ppb	0.7427	3.4	107.467
Ti 334.941	53.9370	ppb	0.4946	0.9	9183.00
Tl 190.794	3.6942	ppb	5.5184	149.4	-2.5522
V 292.401	0.4021	ppb	0.2292	57.0	19.0127
Zn 206.200	1716.19	ppb	12.1656	0.7	4278.71

680-87381-a-5-a^100 (Samp) **2/21/2013, 6:01:23 AM** **Rack 3, Tube 56**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0506	ppb	0.6187	1223.4	-27.1158
Al 308.215	73.7032	ppb	2.9561	4.0	558.991
As 188.980	1.2282	ppb	6.8962	561.5	-0.2296
B 249.678	-1.9760	ppb	1.0647	53.9	65.5298
Ba 389.178	14.1831	ppb	1.0509	7.4	167.878
Be 313.042	0.0031	ppb	0.0090	293.0	-94.3215
Ca 370.602	11747	ppb	26.17	0.2	38044
Cd 226.502	1.6071	ppb	0.2511	15.6	45.0806

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	14.1319	ppb	0.5739	4.1	86.4396
Cr 267.716	231.118	ppb	0.2237	0.1	3132.74
Cu 324.754	3.4196	ppb	0.5378	15.7	119.312
Fe 271.441	357.653	ppb	7.1814	2.0	208.844
K 766.491	42.7524	ppb	0.2032	0.5	7003.79
Mg 279.078	297.383	ppb	7.0460	2.4	325.138
Mn 257.610	9.5323	ppb	0.0421	0.4	809.751
Mo 202.032	-0.1418	ppb	0.3804	268.2	1.6000
Na 330.237	364.416	ppb	16.5001	4.5	28.1817
Ni 231.604	0.1399	ppb	0.9614	687.3	0.9285
Pb 220.353	4921.59	ppb	9.3641	0.2	3559.48
Sb 206.834	12.9183	ppb	2.4486	19.0	12.6006
Se 196.026	0.8068	ppb	4.4399	550.3	2.6656
Sn 189.925	8.5982	ppb	2.9912	34.8	0.0556
Sr 216.596	13.7354	ppb	0.5202	3.8	67.0266
Ti 334.941	60.6219	ppb	0.1897	0.3	10333.0
Tl 190.794	6.7314	ppb	4.6783	69.5	-1.2949
V 292.401	1.4112	ppb	0.2361	16.7	32.5477
Zn 206.200	3516.40	ppb	10.1540	0.3	8765.79

CRI (Samp) **2/21/2013, 6:07:33 AM** **Rack 3, Tube 57**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	9.3583	ppb	0.1923	2.1	221.066
Al 308.215	191.649	ppb	8.8143	4.6	966.612
As 188.980	19.3465	ppb	3.5802	18.5	5.4159
B 249.678	92.3523	ppb	1.9980	2.2	750.642
Ba 389.178	10.4983	ppb	0.4296	4.1	115.547
Be 313.042	4.0788	ppb	0.1057	2.6	5361.45
Ca 370.602	504.7	ppb	10.99	2.2	1555
Cd 226.502	5.3821	ppb	0.1109	2.1	118.122
Co 228.615	10.5065	ppb	0.6741	6.4	60.0474
Cr 267.716	10.3916	ppb	0.2818	2.7	148.486
Cu 324.754	20.6276	ppb	0.8492	4.1	576.570
Fe 271.441	58.7538	ppb	10.4994	17.9	22.8633
K 766.491	1021.34	ppb	25.2025	2.5	115344
Mg 279.078	498.641	ppb	10.5308	2.1	529.111
Mn 257.610	11.1008	ppb	0.2573	2.3	941.914
Mo 202.032	10.5057	ppb	0.4319	4.1	32.7379
Na 330.237	837.363	ppb	148.204	17.7	50.1820
Ni 231.604	40.6139	ppb	2.2275	5.5	98.8874
Pb 220.353	7.4840	ppb	1.7622	23.5	7.9407
Sb 206.834	19.2748	ppb	5.3868	27.9	14.1085
Se 196.026	28.2244	ppb	6.8576	24.3	8.9026
Sn 189.925	55.6445	ppb	3.5905	6.5	23.2730
Sr 216.596	10.0366	ppb	0.4113	4.1	46.1338
Ti 334.941	10.1969	ppb	0.1953	1.9	1686.93
Tl 190.794	32.3960	ppb	4.1403	12.8	8.9775
V 292.401	9.9111	ppb	0.2851	2.9	244.839
Zn 206.200	22.2122	ppb	0.1864	0.8	55.7904

CCV (Samp) **2/21/2013, 6:13:44 AM** **Rack 3, Tube 58**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	497.801	ppb	1.0445	0.2	13051.0
Al 308.215	5001.16	ppb	10.6532	0.2	17882.2
As 188.980	495.788	ppb	7.6963	1.6	155.474
B 249.678	2423.38	ppb	1.7312	0.1	17668.2
Ba 389.178	5164.70	ppb	12.8836	0.2	72921.4
Be 313.042	503.896	ppb	1.4841	0.3	676766
Ca 370.602	5173	ppb	8.627	0.2	16174
Cd 226.502	506.397	ppb	1.5648	0.3	9905.29
Co 228.615	508.008	ppb	0.8436	0.2	3558.57
Cr 267.716	5182.69	ppb	15.7118	0.3	70053.9
Cu 324.754	5062.54	ppb	48.3729	1.0	128122
Fe 271.441	5019.06	ppb	11.7017	0.2	3164.23
K 766.491	9861.43	ppb	14.9680	0.2	1092834
Mg 279.078	4884.58	ppb	15.8681	0.3	4933.24
Mn 257.610	5245.00	ppb	10.0681	0.2	443939
Mo 202.032	516.981	ppb	2.2749	0.4	1504.59
Na 330.237	7504.23	ppb	69.1558	0.9	422.847
Ni 231.604	2563.00	ppb	7.1050	0.3	6206.28
Pb 220.353	501.826	ppb	3.1577	0.6	360.234
Sb 206.834	491.626	ppb	5.3968	1.1	276.502
Se 196.026	5055.60	ppb	21.1546	0.4	1151.79
Sn 189.925	5048.56	ppb	26.7841	0.5	2484.80
Sr 216.596	2484.98	ppb	3.3621	0.1	12638.3
Ti 334.941	509.826	ppb	1.2021	0.2	87416.6
Tl 190.794	5203.19	ppb	3.2831	0.1	2069.72
V 292.401	4999.60	ppb	11.0307	0.2	119514
Zn 206.200	2545.68	ppb	6.6715	0.3	6330.91

CCB (Samp) **2/21/2013, 6:19:54 AM** **Rack 3, Tube 59**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4502	ppb	0.3712	82.5	-36.5614
Al 308.215	-11.7488	ppb	2.4911	21.2	263.728
As 188.980	3.0398	ppb	7.8076	256.8	0.3053
B 249.678	8.8515	ppb	2.0424	23.1	144.486
Ba 389.178	0.1907	ppb	0.7776	407.8	-30.9324
Be 313.042	0.0100	ppb	0.0102	102.1	-87.6512
Ca 370.602	-2.228	ppb	3.029	135.9	-84.26
Cd 226.502	0.0168	ppb	0.1331	794.3	13.2899
Co 228.615	0.1232	ppb	0.2706	219.6	-12.8950
Cr 267.716	0.5254	ppb	0.2673	50.9	15.1579
Cu 324.754	-0.3519	ppb	0.4709	133.8	46.4520
Fe 271.441	1.3558	ppb	3.5105	258.9	-13.3734
K 766.491	-0.7750	ppb	0.5723	73.9	2188.12
Mg 279.078	-8.3566	ppb	2.4519	29.3	17.6020
Mn 257.610	0.0897	ppb	0.0323	36.0	9.5606
Mo 202.032	0.6213	ppb	0.6454	103.9	3.8696
Na 330.237	-34.7988	ppb	74.0835	212.9	1.3463
Ni 231.604	0.1277	ppb	1.0993	860.9	0.8775
Pb 220.353	0.4615	ppb	0.5031	109.0	2.9062

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-2.7532	ppb	1.5400	55.9	3.1016
Se 196.026	-0.0581	ppb	7.3439	12634.8	2.4767
Sn 189.925	6.3525	ppb	4.8574	76.5	-1.0280
Sr 216.596	-0.4390	ppb	0.2736	62.3	-6.1534
Ti 334.941	0.0603	ppb	0.0629	104.3	-48.0365
Tl 190.794	3.4985	ppb	4.3797	125.2	-2.5244
V 292.401	0.0035	ppb	0.2051	5883.6	9.7012
Zn 206.200	-0.1058	ppb	0.3252	307.3	0.1695

(Samp) **2/21/2013, 6:26:04 AM** **Rack 3, Tube 60**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0549	ppb	0.0991	180.4	-23.2942
Al 308.215	-61.2913	ppb	0.4689	0.8	92.6772
As 188.980	1.4547	ppb	2.9077	199.9	-0.1920
B 249.678	-5.0140	ppb	0.1079	2.2	43.8560
Ba 389.178	0.8894	ppb	0.3103	34.9	-21.0882
Be 313.042	-0.1295	ppb	0.0032	2.5	-274.442
Ca 370.602	-2.496	ppb	2.443	97.9	-85.24
Cd 226.502	-0.2797	ppb	0.1347	48.2	7.5031
Co 228.615	0.9345	ppb	0.1633	17.5	-7.1777
Cr 267.716	-0.1455	ppb	0.0990	68.0	6.0879
Cu 324.754	-1.2738	ppb	0.3490	27.4	23.1185
Fe 271.441	10.6355	ppb	5.5166	51.9	-7.5637
K 766.491	-8.6209	ppb	0.3566	4.1	1319.33
Mg 279.078	-15.3032	ppb	2.2793	14.9	10.5891
Mn 257.610	-0.0106	ppb	0.0369	348.8	1.0694
Mo 202.032	-0.5396	ppb	0.2854	52.9	0.4768
Na 330.237	74.8497	ppb	159.149	212.6	7.4920
Ni 231.604	-0.2066	ppb	0.5531	267.8	0.0689
Pb 220.353	-2.1759	ppb	2.6676	122.6	1.0055
Sb 206.834	-5.0091	ppb	1.5405	30.8	1.9652
Se 196.026	-1.8439	ppb	2.7164	147.3	2.0710
Sn 189.925	14.9144	ppb	2.0348	13.6	3.1929
Sr 216.596	0.1075	ppb	0.1461	135.8	-3.3211
Ti 334.941	-0.0423	ppb	0.0267	63.1	-65.6064
Tl 190.794	8.5085	ppb	3.1284	36.8	-0.5302
V 292.401	-0.3136	ppb	0.0517	16.5	2.3599
Zn 206.200	-0.3703	ppb	0.0638	17.2	-0.4898

Cont Calib Verif (CCV) **2/21/2013, 6:32:15 AM** **Rack 4, Tube 1**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	0.3048	ppb	0.0636	20.9	-16.7306	0.06096Q
Al 308.215	-62.5441	ppb	0.6398	1.0	88.3493	-1.25088Q
As 188.980	1.0387	ppb	1.8957	182.5	-0.3226	0.20774Q
B 249.678	-6.7989	ppb	0.0302	0.4	30.8990	-0.27196Q
Ba 389.178	0.7059	ppb	0.3262	46.2	-23.6785	0.01412Q
Be 313.042	-0.1285	ppb	0.0025	2.0	-273.064	-0.02569Q
Ca 370.602	-0.4527	ppb	1.856	410.0	-78.81	-0.00905Q
Cd 226.502	-0.3226	ppb	0.0196	6.1	6.6693	-0.06451Q

F02202013.wvq. All Data Report 2/22/2013, 10:38:18 AM

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Co 228.615	0.9119	ppb	0.1681	18.4	-7.3351	0.18237Q
Cr 267.716	0.0653	ppb	0.1042	159.6	8.9377	0.00131Q
Cu 324.754	-1.4548	ppb	0.1086	7.5	18.5350	-0.02910Q
Fe 271.441	13.8710	ppb	3.9327	28.4	-5.5450	0.27742Q
K 766.491	-8.1771	ppb	0.4505	5.5	1368.50	-0.08177Q
Mg 279.078	-15.0213	ppb	1.4070	9.4	10.8698	-0.30043Q
Mn 257.610	-0.0131	ppb	0.0051	39.0	0.8547	-0.00026Q
Mo 202.032	-0.6065	ppb	0.4268	70.4	0.2813	-0.12129Q
Na 330.237	69.2912	ppb	44.9829	64.9	7.1802	0.92388Q
Ni 231.604	-0.1730	ppb	0.5210	301.2	0.1503	-0.00692Q
Pb 220.353	-2.3667	ppb	0.5731	24.2	0.8679	-0.47333Q
Sb 206.834	-5.0024	ppb	1.7781	35.5	1.9696	-1.00049Q
Se 196.026	0.3352	ppb	2.7137	809.6	2.5660	0.00670Q
Sn 189.925	14.6051	ppb	1.0850	7.4	3.0404	0.29210Q
Sr 216.596	0.0662	ppb	0.2268	342.5	-3.5314	0.00265Q
Ti 334.941	-0.0385	ppb	0.0394	102.5	-64.9516	-0.00770Q
Tl 190.794	8.1286	ppb	1.5609	19.2	-0.6811	0.16257Q
V 292.401	-0.3440	ppb	0.0570	16.6	1.6549	-0.00688Q
Zn 206.200	-0.2937	ppb	0.1750	59.6	-0.2987	-0.01175Q

Cont Calib Blank (CCB) **2/21/2013, 6:38:26 AM** **Rack 4, Tube 2**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	0.1446	ppb	0.3933	271.9	-20.9374	0.14465
Al 308.215	-61.8218	ppb	1.3636	2.2	90.8431	-61.82182
As 188.980	-3.3340	ppb	2.6931	80.8	-1.6944	-3.33403
B 249.678	-7.6519	ppb	0.2952	3.9	24.7076	-7.65191
Ba 389.178	0.7006	ppb	0.0672	9.6	-23.7537	0.70058
Be 313.042	-0.1265	ppb	0.0078	6.1	-270.428	-0.12647
Ca 370.602	-1.238	ppb	2.443	197.3	-81.34	-1.23798
Cd 226.502	-0.2327	ppb	0.1708	73.4	8.4227	-0.23271
Co 228.615	1.1206	ppb	0.2381	21.2	-5.8709	1.12064
Cr 267.716	-0.1720	ppb	0.0126	7.3	5.7295	-0.17199
Cu 324.754	-1.3002	ppb	0.0519	4.0	22.4510	-1.30022
Fe 271.441	11.9504	ppb	3.6640	30.7	-6.7394	11.95042
K 766.491	-8.0275	ppb	0.2899	3.6	1385.04	-8.02750
Mg 279.078	-14.3521	ppb	2.9602	20.6	11.5458	-14.35211
Mn 257.610	-0.0320	ppb	0.0127	39.7	-0.7458	-0.03202
Mo 202.032	-0.3547	ppb	0.2565	72.3	1.0171	-0.35474
Na 330.237	11.3454	ppb	33.7279	297.3	3.9324	11.34538
Ni 231.604	0.0618	ppb	0.2707	438.0	0.7190	0.06179
Pb 220.353	-3.4430	ppb	2.1338	62.0	0.0898	-3.44297
Sb 206.834	-5.6213	ppb	2.5969	46.2	1.6565	-5.62126
Se 196.026	-5.2863	ppb	3.2492	61.5	1.2889	-5.28631
Sn 189.925	14.9702	ppb	1.3860	9.3	3.2204	14.97016
Sr 216.596	-0.0267	ppb	0.0929	348.5	-4.0175	-0.02665
Ti 334.941	-0.0863	ppb	0.0409	47.4	-73.1217	-0.08626
Tl 190.794	8.5584	ppb	1.2281	14.3	-0.5103	8.55837
V 292.401	-0.3879	ppb	0.0961	24.8	0.5798	-0.38792
Zn 206.200	-0.6124	ppb	0.0980	16.0	-1.0931	-0.61241

(Samp) **2/21/2013, 6:44:37 AM** **Rack 4, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.2064	ppb	0.1428	69.2	-19.3140
Al 308.215	-63.7337	ppb	1.3745	2.2	84.2508
As 188.980	1.2482	ppb	0.8802	70.5	-0.2568
B 249.678	-7.8403	ppb	0.2100	2.7	23.3364
Ba 389.178	0.2449	ppb	0.2106	86.0	-30.1914
Be 313.042	-0.1333	ppb	0.0043	3.2	-279.611
Ca 370.602	-1.550	ppb	0.9218	59.5	-82.02
Cd 226.502	-0.3418	ppb	0.0706	20.6	6.2896
Co 228.615	0.7356	ppb	0.1037	14.1	-8.5775
Cr 267.716	-0.2702	ppb	0.1443	53.4	4.4035
Cu 324.754	-1.4899	ppb	0.3267	21.9	17.6477
Fe 271.441	15.1751	ppb	1.4350	9.5	-4.7426
K 766.491	-8.8941	ppb	0.0301	0.3	1289.23
Mg 279.078	-15.8276	ppb	0.3511	2.2	10.0627
Mn 257.610	0.0010	ppb	0.0076	767.3	2.0457
Mo 202.032	-0.6014	ppb	0.2149	35.7	0.2962
Na 330.237	36.2113	ppb	55.2386	152.5	5.3269
Ni 231.604	-0.3924	ppb	0.2503	63.8	-0.3803
Pb 220.353	-3.1317	ppb	1.1335	36.2	0.3149
Sb 206.834	-6.4147	ppb	2.7235	42.5	1.2646
Se 196.026	-6.6555	ppb	0.9580	14.4	0.9778
Sn 189.925	11.6371	ppb	0.6597	5.7	1.5772
Sr 216.596	0.2956	ppb	0.1392	47.1	-2.3550
Ti 334.941	-0.0381	ppb	0.0347	91.1	-64.8900
Tl 190.794	8.3916	ppb	1.4059	16.8	-0.5770
V 292.401	-0.3208	ppb	0.1635	50.9	2.1713
Zn 206.200	-0.2758	ppb	0.3113	112.8	-0.2536

(Samp) **2/21/2013, 6:50:48 AM** **Rack 4, Tube 4**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0152	ppb	0.1598	1050.3	-24.3371
Al 308.215	-62.9572	ppb	0.4080	0.6	86.9307
As 188.980	1.5893	ppb	1.5133	95.2	-0.1498
B 249.678	-8.1272	ppb	0.2365	2.9	21.2541
Ba 389.178	0.7340	ppb	0.3447	47.0	-23.2839
Be 313.042	-0.1293	ppb	0.0025	1.9	-274.242
Ca 370.602	-1.040	ppb	0.8082	77.7	-80.62
Cd 226.502	-0.3167	ppb	0.0347	10.9	6.7820
Co 228.615	0.9049	ppb	0.2307	25.5	-7.3873
Cr 267.716	-0.1051	ppb	0.0426	40.5	6.6337
Cu 324.754	-1.5624	ppb	0.0813	5.2	15.8166
Fe 271.441	13.6347	ppb	2.7949	20.5	-5.6966
K 766.491	-8.6282	ppb	0.1949	2.3	1318.53
Mg 279.078	-16.1603	ppb	0.5645	3.5	9.7221
Mn 257.610	-0.0245	ppb	0.0218	89.2	-0.1093
Mo 202.032	-0.6763	ppb	0.1433	21.2	0.0773
Na 330.237	43.5255	ppb	51.2679	117.8	5.7362
Ni 231.604	0.1516	ppb	0.2106	138.9	0.9361
Pb 220.353	-4.0227	ppb	2.3537	58.5	-0.3293

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-6.1067	ppb	0.7899	12.9	1.4185
Se 196.026	-3.1593	ppb	3.6956	117.0	1.7721
Sn 189.925	12.8307	ppb	1.0006	7.8	2.1656
Sr 216.596	0.2115	ppb	0.1934	91.4	-2.8013
Ti 334.941	-0.0578	ppb	0.0148	25.6	-68.2550
Tl 190.794	8.2355	ppb	0.6786	8.2	-0.6389
V 292.401	-0.3265	ppb	0.0760	23.3	2.0267
Zn 206.200	-0.4818	ppb	0.2841	59.0	-0.7677

(Samp) **2/21/2013, 6:56:59 AM** **Rack 4, Tube 5**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0278	ppb	0.0521	187.6	-24.0064
Al 308.215	-63.4406	ppb	2.8135	4.4	85.2654
As 188.980	1.6236	ppb	1.6657	102.6	-0.1390
B 249.678	-8.6236	ppb	0.3516	4.1	17.6505
Ba 389.178	1.0198	ppb	0.1138	11.2	-19.2444
Be 313.042	-0.1274	ppb	0.0136	10.7	-271.698
Ca 370.602	1.537	ppb	4.941	321.4	-72.53
Cd 226.502	-0.2111	ppb	0.0654	31.0	8.8466
Co 228.615	1.1162	ppb	0.0148	1.3	-5.9042
Cr 267.716	0.0066	ppb	0.0852	1284.6	8.1442
Cu 324.754	-1.1969	ppb	0.2935	24.5	25.0577
Fe 271.441	13.0316	ppb	1.7971	13.8	-6.0646
K 766.491	-8.3622	ppb	0.6947	8.3	1347.92
Mg 279.078	-12.7656	ppb	1.1902	9.3	13.1426
Mn 257.610	0.1504	ppb	0.3202	212.9	14.6933
Mo 202.032	-0.7322	ppb	0.4470	61.0	-0.0865
Na 330.237	42.1704	ppb	32.9280	78.1	5.6598
Ni 231.604	-0.3151	ppb	0.3514	111.5	-0.1940
Pb 220.353	-3.3109	ppb	0.2713	8.2	0.1851
Sb 206.834	-5.8735	ppb	1.4953	25.5	1.5271
Se 196.026	2.4391	ppb	0.5918	24.3	3.0440
Sn 189.925	18.0657	ppb	8.9134	49.3	4.7464
Sr 216.596	0.2958	ppb	0.3594	121.5	-2.3559
Ti 334.941	0.0126	ppb	0.1049	835.1	-56.2171
Tl 190.794	7.6059	ppb	1.6997	22.3	-0.8891
V 292.401	-0.2894	ppb	0.1544	53.4	2.9048
Zn 206.200	-0.0388	ppb	0.1097	282.9	0.3369

(Samp) **2/21/2013, 7:03:10 AM** **Rack 4, Tube 6**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.3508	ppb	0.1088	31.0	-15.5229
Al 308.215	-62.4231	ppb	1.1817	1.9	88.7719
As 188.980	0.8392	ppb	0.8558	102.0	-0.3851
B 249.678	-8.9397	ppb	0.2292	2.6	15.3594
Ba 389.178	0.5473	ppb	0.2825	51.6	-25.9199
Be 313.042	-0.1286	ppb	0.0007	0.6	-273.225
Ca 370.602	-1.433	ppb	0.4206	29.4	-81.91
Cd 226.502	-0.3204	ppb	0.0872	27.2	6.7109

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	1.1338	ppb	0.2126	18.8	-5.7789
Cr 267.716	-0.1270	ppb	0.1068	84.0	6.3379
Cu 324.754	-1.3405	ppb	0.1797	13.4	21.4311
Fe 271.441	11.4028	ppb	1.5544	13.6	-7.0804
K 766.491	-8.3479	ppb	0.3793	4.5	1349.63
Mg 279.078	-16.2722	ppb	2.2169	13.6	9.6090
Mn 257.610	-0.0235	ppb	0.0195	82.8	-0.0285
Mo 202.032	-0.4702	ppb	0.1093	23.2	0.6795
Na 330.237	41.4919	ppb	107.118	258.2	5.6229
Ni 231.604	-0.2688	ppb	0.5690	211.7	-0.0822
Pb 220.353	-2.1665	ppb	1.8022	83.2	1.0122
Sb 206.834	-5.1364	ppb	1.8228	35.5	1.9034
Se 196.026	-5.0641	ppb	2.0673	40.8	1.3393
Sn 189.925	14.3980	ppb	1.6651	11.6	2.9383
Sr 216.596	0.1587	ppb	0.2375	149.7	-3.0591
Ti 334.941	-0.0778	ppb	0.0319	41.0	-71.6772
Tl 190.794	6.0595	ppb	2.9239	48.3	-1.5038
V 292.401	-0.3258	ppb	0.0982	30.1	2.0497
Zn 206.200	-0.0113	ppb	0.0926	822.3	0.4052

(Samp) **2/21/2013, 7:09:21 AM** **Rack 4, Tube 7**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.1410	ppb	0.0415	29.4	-21.0324
Al 308.215	-61.8445	ppb	0.6496	1.1	90.7630
As 188.980	0.8000	ppb	1.6122	201.5	-0.3975
B 249.678	-8.7144	ppb	0.1286	1.5	16.9895
Ba 389.178	0.8954	ppb	0.2987	33.4	-21.0005
Be 313.042	-0.1268	ppb	0.0058	4.6	-270.947
Ca 370.602	-0.6425	ppb	0.5055	78.7	-79.90
Cd 226.502	-0.3207	ppb	0.1067	33.3	6.7117
Co 228.615	1.1083	ppb	0.1264	11.4	-5.9566
Cr 267.716	-0.0640	ppb	0.0907	141.9	7.1894
Cu 324.754	-1.3573	ppb	0.0354	2.6	21.0056
Fe 271.441	15.8611	ppb	4.1977	26.5	-4.3023
K 766.491	-8.2710	ppb	0.1061	1.3	1358.06
Mg 279.078	-12.2809	ppb	3.1664	25.8	13.6269
Mn 257.610	-0.0135	ppb	0.0298	221.7	0.8271
Mo 202.032	-0.1132	ppb	0.2762	244.1	1.7228
Na 330.237	56.6955	ppb	10.8127	19.1	6.4737
Ni 231.604	-0.4850	ppb	0.6219	128.2	-0.6049
Pb 220.353	-2.8926	ppb	1.0963	37.9	0.4875
Sb 206.834	-4.7676	ppb	0.5688	11.9	2.0876
Se 196.026	-5.6390	ppb	3.5466	62.9	1.2086
Sn 189.925	12.4699	ppb	1.0644	8.5	1.9878
Sr 216.596	0.1814	ppb	0.3392	187.0	-2.9339
Ti 334.941	-0.0601	ppb	0.0105	17.4	-68.6447
Tl 190.794	8.6879	ppb	1.0775	12.4	-0.4589
V 292.401	-0.4064	ppb	0.1102	27.1	0.1298
Zn 206.200	-0.1219	ppb	0.4115	337.6	0.1298

(Samp) **2/21/2013, 7:15:32 AM** **Rack 4, Tube 8**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.1760	ppb	0.1513	86.0	-20.1144
Al 308.215	-63.9922	ppb	0.7775	1.2	83.3464
As 188.980	-0.0210	ppb	2.4920	11840.7	-0.6551
B 249.678	-8.8510	ppb	0.1565	1.8	16.0023
Ba 389.178	0.4271	ppb	0.3795	88.9	-27.6163
Be 313.042	-0.1316	ppb	0.0048	3.7	-277.212
Ca 370.602	-0.2245	ppb	1.287	573.5	-78.40
Cd 226.502	-0.3372	ppb	0.1337	39.6	6.3871
Co 228.615	1.0839	ppb	0.3891	35.9	-6.1236
Cr 267.716	-0.1984	ppb	0.0537	27.1	5.3721
Cu 324.754	-1.4796	ppb	0.1333	9.0	17.9060
Fe 271.441	13.3807	ppb	0.5058	3.8	-5.8468
K 766.491	-8.5794	ppb	0.1339	1.6	1324.01
Mg 279.078	-15.3418	ppb	1.5573	10.2	10.5401
Mn 257.610	-0.0108	ppb	0.0260	241.8	1.0543
Mo 202.032	-0.8036	ppb	0.3040	37.8	-0.2951
Na 330.237	62.2448	ppb	58.0564	93.3	6.7846
Ni 231.604	-0.3511	ppb	0.1806	51.4	-0.2793
Pb 220.353	-3.2621	ppb	1.8383	56.4	0.2211
Sb 206.834	-5.3913	ppb	2.8633	53.1	1.7756
Se 196.026	-2.3771	ppb	4.3180	181.7	1.9498
Sn 189.925	13.4723	ppb	0.9069	6.7	2.4820
Sr 216.596	0.3051	ppb	0.1716	56.2	-2.2996
Ti 334.941	-0.0516	ppb	0.0385	74.7	-67.1934
Tl 190.794	8.7950	ppb	1.4857	16.9	-0.4159
V 292.401	-0.3194	ppb	0.0816	25.6	2.2855
Zn 206.200	-0.3767	ppb	0.4985	132.3	-0.5053

(Samp) **2/21/2013, 7:21:42 AM** **Rack 4, Tube 9**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.2114	ppb	0.3194	151.1	-19.1841
Al 308.215	-63.2006	ppb	0.8598	1.4	86.0786
As 188.980	-0.7697	ppb	2.4451	317.7	-0.8901
B 249.678	-9.0430	ppb	0.3826	4.2	14.6044
Ba 389.178	0.5310	ppb	0.3298	62.1	-26.1451
Be 313.042	-0.1293	ppb	0.0036	2.8	-274.243
Ca 370.602	-0.6414	ppb	1.207	188.2	-79.91
Cd 226.502	-0.2773	ppb	0.0924	33.3	7.5583
Co 228.615	1.0768	ppb	0.1108	10.3	-6.1758
Cr 267.716	-0.3018	ppb	0.1534	50.8	3.9737
Cu 324.754	-1.2931	ppb	0.1230	9.5	22.6306
Fe 271.441	15.6770	ppb	3.2329	20.6	-4.4198
K 766.491	-8.8962	ppb	0.2216	2.5	1288.93
Mg 279.078	-14.6994	ppb	1.5779	10.7	11.1858
Mn 257.610	-0.0027	ppb	0.0175	638.8	1.7341
Mo 202.032	-1.0445	ppb	0.1923	18.4	-0.9992
Na 330.237	139.542	ppb	82.5208	59.1	11.1170
Ni 231.604	0.4047	ppb	0.5769	142.5	1.5492
Pb 220.353	-5.0293	ppb	0.2837	5.6	-1.0564

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-6.5614	ppb	1.6621	25.3	1.1905
Se 196.026	-2.2695	ppb	2.5185	111.0	1.9742
Sn 189.925	12.1312	ppb	1.0121	8.3	1.8208
Sr 216.596	-0.0208	ppb	0.1540	740.1	-3.9943
Ti 334.941	-0.0624	ppb	0.0430	69.0	-69.0422
Tl 190.794	9.2892	ppb	0.4917	5.3	-0.2197
V 292.401	-0.3865	ppb	0.0583	15.1	0.6516
Zn 206.200	-0.2759	ppb	0.5029	182.3	-0.2538

(Samp) **2/21/2013, 7:27:53 AM** **Rack 4, Tube 10**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.3272	ppb	0.0576	17.6	-16.1425
Al 308.215	-64.4012	ppb	0.8290	1.3	81.9403
As 188.980	0.5612	ppb	1.2446	221.8	-0.4724
B 249.678	-8.9794	ppb	0.1199	1.3	15.0713
Ba 389.178	0.8739	ppb	0.2802	32.1	-21.3087
Be 313.042	-0.1328	ppb	0.0044	3.3	-278.854
Ca 370.602	-2.308	ppb	1.951	84.6	-84.97
Cd 226.502	-0.3188	ppb	0.0134	4.2	6.7441
Co 228.615	1.0369	ppb	0.2529	24.4	-6.4567
Cr 267.716	-0.2519	ppb	0.1411	56.0	4.6494
Cu 324.754	-1.3388	ppb	0.4658	34.8	21.4755
Fe 271.441	14.1404	ppb	1.7007	12.0	-5.3716
K 766.491	-8.7484	ppb	0.1008	1.2	1305.20
Mg 279.078	-14.8571	ppb	2.4540	16.5	11.0330
Mn 257.610	-0.0162	ppb	0.0252	155.6	0.5951
Mo 202.032	-0.9437	ppb	0.1261	13.4	-0.7044
Na 330.237	143.272	ppb	15.2757	10.7	11.3266
Ni 231.604	-0.0845	ppb	0.4006	473.9	0.3647
Pb 220.353	-2.4977	ppb	0.7631	30.6	0.7733
Sb 206.834	-6.6946	ppb	1.7921	26.8	1.1230
Se 196.026	-3.3091	ppb	2.6050	78.7	1.7380
Sn 189.925	13.3087	ppb	0.7853	5.9	2.4013
Sr 216.596	0.0553	ppb	0.1203	217.6	-3.5912
Ti 334.941	-0.0466	ppb	0.0232	49.9	-66.3439
Tl 190.794	7.6446	ppb	1.2176	15.9	-0.8733
V 292.401	-0.3286	ppb	0.0218	6.6	2.0210
Zn 206.200	-0.3235	ppb	0.1823	56.4	-0.3728

(Samp) **2/21/2013, 7:34:04 AM** **Rack 4, Tube 11**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.2964	ppb	0.0927	31.3	-16.9514
Al 308.215	-64.2059	ppb	0.5206	0.8	82.6211
As 188.980	1.2522	ppb	0.5020	40.1	-0.2557
B 249.678	-8.8567	ppb	0.0739	0.8	15.9605
Ba 389.178	0.5148	ppb	0.2813	54.6	-26.3732
Be 313.042	-0.1290	ppb	0.0028	2.2	-273.751
Ca 370.602	-0.0677	ppb	1.316	1941.8	-78.14
Cd 226.502	-0.2281	ppb	0.0266	11.7	8.5198

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	1.4071	ppb	0.1605	11.4	-3.8569
Cr 267.716	-0.1342	ppb	0.2880	214.5	6.2376
Cu 324.754	-1.2521	ppb	0.1570	12.5	23.6638
Fe 271.441	18.3379	ppb	1.6791	9.2	-2.7475
K 766.491	-9.0462	ppb	0.2231	2.5	1272.33
Mg 279.078	-15.3156	ppb	2.7600	18.0	10.5619
Mn 257.610	0.0018	ppb	0.0164	894.7	2.1211
Mo 202.032	-0.6234	ppb	0.2823	45.3	0.2313
Na 330.237	75.7111	ppb	63.1127	83.4	7.5391
Ni 231.604	-0.2781	ppb	0.4214	151.5	-0.1047
Pb 220.353	-2.1082	ppb	0.3378	16.0	1.0546
Sb 206.834	-5.9129	ppb	1.2584	21.3	1.5147
Se 196.026	-7.7544	ppb	5.3332	68.8	0.7280
Sn 189.925	13.4062	ppb	0.6504	4.9	2.4494
Sr 216.596	-0.0518	ppb	0.1845	356.2	-4.1332
Ti 334.941	-0.0641	ppb	0.0270	42.2	-69.3222
Tl 190.794	7.5494	ppb	0.8427	11.2	-0.9110
V 292.401	-0.2414	ppb	0.1428	59.2	4.0966
Zn 206.200	-0.3445	ppb	0.3400	98.7	-0.4253

(Samp) **2/21/2013, 7:40:15 AM** **Rack 4, Tube 12**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.2091	ppb	0.1571	75.1	-19.2442
Al 308.215	-62.9916	ppb	1.2773	2.0	86.8079
As 188.980	-2.7595	ppb	1.6560	60.0	-1.5142
B 249.678	-8.9285	ppb	0.2795	3.1	15.4383
Ba 389.178	0.7645	ppb	0.1662	21.7	-22.8516
Be 313.042	-0.1199	ppb	0.0038	3.2	-261.594
Ca 370.602	-2.406	ppb	1.516	63.0	-85.42
Cd 226.502	-0.3321	ppb	0.0581	17.5	6.4868
Co 228.615	1.0305	ppb	0.2985	29.0	-6.5022
Cr 267.716	-0.1103	ppb	0.1806	163.7	6.5625
Cu 324.754	-1.3099	ppb	0.0705	5.4	22.2054
Fe 271.441	15.0918	ppb	4.0699	27.0	-4.7804
K 766.491	-8.6172	ppb	0.0800	0.9	1319.74
Mg 279.078	-14.7655	ppb	1.8327	12.4	11.1232
Mn 257.610	-0.0238	ppb	0.0234	98.3	-0.0455
Mo 202.032	-0.7334	ppb	0.6348	86.6	-0.0898
Na 330.237	46.0478	ppb	116.946	254.0	5.8767
Ni 231.604	-0.2399	ppb	0.3063	127.7	-0.0120
Pb 220.353	-2.3997	ppb	0.3934	16.4	0.8440
Sb 206.834	-5.5930	ppb	0.5775	10.3	1.6739
Se 196.026	-2.0962	ppb	4.0491	193.2	2.0136
Sn 189.925	13.3946	ppb	1.9542	14.6	2.4436
Sr 216.596	-0.0495	ppb	0.3404	688.1	-4.1226
Ti 334.941	-0.0512	ppb	0.0110	21.4	-67.1349
Tl 190.794	7.8645	ppb	2.0391	25.9	-0.7860
V 292.401	-0.2777	ppb	0.0243	8.8	3.2420
Zn 206.200	-0.5894	ppb	0.2656	45.1	-1.0356

Cont Calib Verif (CCV) **2/21/2013, 7:46:26 AM** **Rack 4, Tube 13**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	0.2583	ppb	0.1266	49.0	-17.9520	0.05166Q
Al 308.215	-63.5021	ppb	0.7492	1.2	85.0470	-1.27004Q
As 188.980	1.5419	ppb	1.4348	93.1	-0.1647	0.30839Q
B 249.678	-8.8100	ppb	0.2065	2.3	16.2967	-0.35240Q
Ba 389.178	0.8383	ppb	0.1537	18.3	-21.8086	0.01677Q
Be 313.042	-0.1219	ppb	0.0011	0.9	-264.325	-0.02439Q
Ca 370.602	-1.211	ppb	1.306	107.8	-81.77	-0.02422Q
Cd 226.502	-0.3032	ppb	0.0402	13.3	7.0541	-0.06063Q
Co 228.615	1.1704	ppb	0.2099	17.9	-5.5202	0.23408Q
Cr 267.716	-0.1435	ppb	0.0944	65.7	6.1133	-0.00287Q
Cu 324.754	-1.3750	ppb	0.4461	32.4	20.5552	-0.02750Q
Fe 271.441	15.8563	ppb	2.3461	14.8	-4.3003	0.31713Q
K 766.491	-8.4358	ppb	0.0560	0.7	1339.82	-0.08436Q
Mg 279.078	-13.7212	ppb	1.7549	12.8	12.1727	-0.27442Q
Mn 257.610	-0.0138	ppb	0.0165	119.8	0.7998	-0.00028Q
Mo 202.032	-0.4199	ppb	0.2303	54.8	0.8261	-0.08399Q
Na 330.237	80.0636	ppb	92.2472	115.2	7.7832	1.06752Q
Ni 231.604	-0.4256	ppb	0.1969	46.3	-0.4616	-0.01703Q
Pb 220.353	-2.7451	ppb	0.8955	32.6	0.5943	-0.54902Q
Sb 206.834	-4.8023	ppb	3.4077	71.0	2.0694	-0.96047Q
Se 196.026	-4.5421	ppb	1.5780	34.7	1.4578	-0.09084Q
Sn 189.925	13.4304	ppb	1.7171	12.8	2.4613	0.26861Q
Sr 216.596	0.0406	ppb	0.4802	1182.0	-3.6562	0.00162Q
Ti 334.941	-0.0532	ppb	0.0098	18.5	-67.4756	-0.01064Q
Tl 190.794	6.2192	ppb	2.6396	42.4	-1.4402	0.12438Q
V 292.401	-0.3274	ppb	0.0114	3.5	2.0327	-0.00655Q
Zn 206.200	-0.2661	ppb	0.3520	132.3	-0.2295	-0.01064Q

Cont Calib Blank (CCB) **2/21/2013, 7:52:37 AM** **Rack 4, Tube 14**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	0.2676	ppb	0.0660	24.7	-17.7078	0.26759
Al 308.215	-64.0956	ppb	0.6438	1.0	82.9967	-64.09555
As 188.980	1.1149	ppb	2.5133	225.4	-0.2987	1.11486
B 249.678	-9.2448	ppb	0.2039	2.2	13.1406	-9.24478
Ba 389.178	0.7654	ppb	0.2908	38.0	-22.8395	0.76543
Be 313.042	-0.1306	ppb	0.0072	5.5	-275.878	-0.13055
Ca 370.602	-0.0500	ppb	0.6551	1311.1	-77.65	-0.04997
Cd 226.502	-0.3399	ppb	0.1001	29.5	6.3336	-0.33987
Co 228.615	1.0595	ppb	0.3125	29.5	-6.2989	1.05950
Cr 267.716	-0.2221	ppb	0.1142	51.4	5.0518	-0.22211
Cu 324.754	-1.4112	ppb	0.2367	16.8	19.6394	-1.41116
Fe 271.441	18.5443	ppb	2.3756	12.8	-2.6353	18.54431
K 766.491	-8.9395	ppb	0.2337	2.6	1284.09	-8.93952
Mg 279.078	-15.8211	ppb	2.4253	15.3	10.0598	-15.82112
Mn 257.610	-0.0165	ppb	0.0420	254.5	0.5668	-0.01651
Mo 202.032	-0.7297	ppb	0.2120	29.1	-0.0790	-0.72970
Na 330.237	39.2677	ppb	40.1053	102.1	5.4973	39.26766
Ni 231.604	-0.3268	ppb	0.3638	111.3	-0.2215	-0.32678
Pb 220.353	-2.3595	ppb	0.7419	31.4	0.8730	-2.35955

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sb 206.834	-4.9293	ppb	0.4769	9.7	2.0089	-4.92932
Se 196.026	-5.0288	ppb	2.2267	44.3	1.3473	-5.02882
Sn 189.925	11.7302	ppb	1.6868	14.4	1.6231	11.73016
Sr 216.596	0.3016	ppb	0.2875	95.3	-2.3225	0.30157
Ti 334.941	-0.0338	ppb	0.0137	40.6	-64.1486	-0.03378
Tl 190.794	8.7690	ppb	2.1397	24.4	-0.4267	8.76896
V 292.401	-0.3405	ppb	0.0657	19.3	1.7193	-0.34051
Zn 206.200	-0.1498	ppb	0.0686	45.8	0.0604	-0.14981

(Samp) **2/21/2013, 7:58:49 AM** **Rack 4, Tube 15**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.4386	ppb	0.0700	16.0	-13.2151
Al 308.215	-64.6933	ppb	0.5957	0.9	80.9322
As 188.980	0.1819	ppb	1.5287	840.4	-0.5914
B 249.678	-9.0291	ppb	0.3141	3.5	14.7100
Ba 389.178	0.8675	ppb	0.2982	34.4	-21.3994
Be 313.042	-0.1303	ppb	0.0047	3.6	-275.468
Ca 370.602	-0.6010	ppb	1.003	166.9	-79.18
Cd 226.502	-0.3335	ppb	0.0948	28.4	6.4546
Co 228.615	1.0855	ppb	0.5193	47.8	-6.1152
Cr 267.716	-0.1719	ppb	0.2299	133.8	5.7317
Cu 324.754	-1.4985	ppb	0.1046	7.0	17.4296
Fe 271.441	15.7104	ppb	2.3018	14.7	-4.3994
K 766.491	-9.2099	ppb	0.2116	2.3	1254.11
Mg 279.078	-15.9425	ppb	2.0398	12.8	9.9421
Mn 257.610	-0.0192	ppb	0.0170	88.6	0.3386
Mo 202.032	-0.5771	ppb	0.5719	99.1	0.3673
Na 330.237	33.9084	ppb	113.148	333.7	5.1973
Ni 231.604	-0.0324	ppb	0.4730	1458.3	0.4903
Pb 220.353	-1.9929	ppb	3.0597	153.5	1.1382
Sb 206.834	-5.7484	ppb	2.3432	40.8	1.5987
Se 196.026	-1.6301	ppb	2.6093	160.1	2.1195
Sn 189.925	11.6202	ppb	1.2456	10.7	1.5689
Sr 216.596	0.1853	ppb	0.2227	120.2	-2.9272
Ti 334.941	-0.0340	ppb	0.0217	64.0	-64.1875
Tl 190.794	7.1257	ppb	1.8469	25.9	-1.0799
V 292.401	-0.3345	ppb	0.0939	28.1	1.8807
Zn 206.200	-0.2275	ppb	0.1365	60.0	-0.1333

(Samp) **2/21/2013, 8:05:00 AM** **Rack 4, Tube 16**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.3828	ppb	0.5240	136.9	-14.6824
Al 308.215	-63.9085	ppb	0.7597	1.2	83.6313
As 188.980	0.2509	ppb	1.8320	730.2	-0.5698
B 249.678	-8.9655	ppb	0.3214	3.6	15.1723
Ba 389.178	0.6927	ppb	0.6113	88.3	-23.8664
Be 313.042	-0.1250	ppb	0.0041	3.3	-268.475
Ca 370.602	-1.901	ppb	0.6920	36.4	-83.70
Cd 226.502	-0.3330	ppb	0.0273	8.2	6.4679

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	0.9533	ppb	0.1917	20.1	-7.0405
Cr 267.716	-0.1246	ppb	0.1595	128.0	6.3701
Cu 324.754	-1.2739	ppb	0.1373	10.8	23.1154
Fe 271.441	11.9248	ppb	4.0818	34.2	-6.7558
K 766.491	-8.7921	ppb	0.2302	2.6	1300.41
Mg 279.078	-13.9230	ppb	1.0353	7.4	11.9750
Mn 257.610	-0.0101	ppb	0.0104	103.0	1.1082
Mo 202.032	-0.9411	ppb	0.6259	66.5	-0.6968
Na 330.237	49.5176	ppb	21.5978	43.6	6.0716
Ni 231.604	0.0370	ppb	0.8326	2248.9	0.6579
Pb 220.353	-4.5776	ppb	1.9874	43.4	-0.7297
Sb 206.834	-4.9466	ppb	1.7507	35.4	2.0009
Se 196.026	-2.3320	ppb	3.1321	134.3	1.9600
Sn 189.925	11.9236	ppb	2.6532	22.3	1.7185
Sr 216.596	0.3996	ppb	0.0783	19.6	-1.8260
Ti 334.941	-0.0817	ppb	0.0245	30.0	-72.3499
Tl 190.794	7.4083	ppb	0.7432	10.0	-0.9673
V 292.401	-0.3610	ppb	0.1809	50.1	1.2996
Zn 206.200	-0.5089	ppb	0.0641	12.6	-0.8349

(Samp) **2/21/2013, 8:11:11 AM** **Rack 4, Tube 17**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0391	ppb	0.1374	351.5	-23.7092
Al 308.215	-64.1635	ppb	1.0827	1.7	82.7688
As 188.980	1.4966	ppb	1.1710	78.2	-0.1788
B 249.678	-8.8384	ppb	0.1956	2.2	16.0941
Ba 389.178	0.6930	ppb	0.4196	60.5	-23.8645
Be 313.042	-0.1150	ppb	0.0014	1.2	-255.051
Ca 370.602	-2.181	ppb	0.1899	8.7	-84.23
Cd 226.502	-0.3179	ppb	0.0306	9.6	6.7574
Co 228.615	0.9740	ppb	0.2839	29.1	-6.9029
Cr 267.716	-0.1321	ppb	0.0933	70.6	6.2698
Cu 324.754	-1.2486	ppb	0.2938	23.5	23.7554
Fe 271.441	14.7155	ppb	4.1713	28.3	-5.0176
K 766.491	-8.6270	ppb	0.1579	1.8	1318.68
Mg 279.078	-17.4381	ppb	2.2974	13.2	8.4342
Mn 257.610	-0.0227	ppb	0.0336	148.0	0.0432
Mo 202.032	-0.6949	ppb	0.2764	39.8	0.0231
Na 330.237	54.2915	ppb	83.5484	153.9	6.3400
Ni 231.604	-0.7159	ppb	0.1357	19.0	-1.1641
Pb 220.353	-1.4486	ppb	0.3461	23.9	1.5311
Sb 206.834	-5.4409	ppb	1.7179	31.6	1.7498
Se 196.026	-3.6876	ppb	3.2310	87.6	1.6521
Sn 189.925	13.1240	ppb	1.3312	10.1	2.3103
Sr 216.596	0.3417	ppb	0.1062	31.1	-2.1086
Ti 334.941	-0.0503	ppb	0.0281	55.7	-66.9845
Tl 190.794	7.9972	ppb	1.9352	24.2	-0.7335
V 292.401	-0.3130	ppb	0.0522	16.7	2.3391
Zn 206.200	-0.2723	ppb	0.3001	110.2	-0.2453

(Samp) **2/21/2013, 8:17:22 AM** **Rack 4, Tube 18**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.1540	ppb	0.0620	40.2	-20.6908
Al 308.215	-64.3515	ppb	1.7323	2.7	82.1133
As 188.980	-0.4607	ppb	2.4139	524.0	-0.7929
B 249.678	-9.0398	ppb	0.1682	1.9	14.6307
Ba 389.178	0.8499	ppb	0.3729	43.9	-21.6442
Be 313.042	-0.1302	ppb	0.0038	2.9	-275.492
Ca 370.602	-0.7511	ppb	1.473	196.1	-79.96
Cd 226.502	-0.3198	ppb	0.0984	30.8	6.7249
Co 228.615	1.0565	ppb	0.2359	22.3	-6.3214
Cr 267.716	-0.1223	ppb	0.0935	76.4	6.4010
Cu 324.754	-1.3985	ppb	0.4014	28.7	19.9635
Fe 271.441	15.9981	ppb	0.3458	2.2	-4.2154
K 766.491	-8.9633	ppb	0.0629	0.7	1281.43
Mg 279.078	-15.5089	ppb	2.6050	16.8	10.3744
Mn 257.610	-0.0134	ppb	0.0134	99.8	0.8280
Mo 202.032	-0.7651	ppb	0.1013	13.2	-0.1825
Na 330.237	67.7582	ppb	83.3952	123.1	7.0943
Ni 231.604	-0.2445	ppb	0.4258	174.2	-0.0232
Pb 220.353	-2.7656	ppb	1.7760	64.2	0.5795
Sb 206.834	-5.7721	ppb	0.5689	9.9	1.5856
Se 196.026	-3.0707	ppb	1.0371	33.8	1.7922
Sn 189.925	12.3235	ppb	1.6459	13.4	1.9156
Sr 216.596	-0.0218	ppb	0.2076	951.8	-3.9828
Ti 334.941	-0.0857	ppb	0.0347	40.5	-73.0323
Tl 190.794	7.4412	ppb	1.3641	18.3	-0.9545
V 292.401	-0.3817	ppb	0.0803	21.0	0.7167
Zn 206.200	-0.2672	ppb	0.4179	156.4	-0.2326

(Samp) **2/21/2013, 8:23:33 AM** **Rack 4, Tube 19**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.3031	ppb	0.2830	93.4	-16.7744
Al 308.215	-63.3752	ppb	0.4410	0.7	85.4931
As 188.980	-0.4368	ppb	2.8119	643.7	-0.7856
B 249.678	-9.1350	ppb	0.0193	0.2	13.9343
Ba 389.178	0.5809	ppb	0.3935	67.7	-25.4417
Be 313.042	-0.1273	ppb	0.0030	2.4	-271.524
Ca 370.602	-2.081	ppb	2.327	111.8	-84.57
Cd 226.502	-0.3734	ppb	0.1221	32.7	5.6839
Co 228.615	0.9717	ppb	0.2270	23.4	-6.9196
Cr 267.716	-0.1253	ppb	0.0321	25.7	6.3597
Cu 324.754	-1.4933	ppb	0.1174	7.9	17.5685
Fe 271.441	14.6678	ppb	2.2183	15.1	-5.0460
K 766.491	-8.5205	ppb	0.1998	2.3	1330.52
Mg 279.078	-16.3943	ppb	2.2671	13.8	9.4755
Mn 257.610	0.0069	ppb	0.0181	263.4	2.5457
Mo 202.032	-0.5024	ppb	0.1409	28.0	0.5851
Na 330.237	49.8125	ppb	30.9464	62.1	6.0878
Ni 231.604	0.0974	ppb	0.3837	393.9	0.8054
Pb 220.353	-2.0619	ppb	1.8919	91.8	1.0878

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-5.8819	ppb	0.4436	7.5	1.5303
Se 196.026	-2.3763	ppb	1.5967	67.2	1.9499
Sn 189.925	11.1328	ppb	1.8899	17.0	1.3286
Sr 216.596	0.4948	ppb	0.2434	49.2	-1.3486
Ti 334.941	-0.0782	ppb	0.0198	25.4	-71.7433
Tl 190.794	10.0977	ppb	1.4152	14.0	0.1016
V 292.401	-0.2577	ppb	0.0979	38.0	3.6625
Zn 206.200	-0.3668	ppb	0.4481	122.2	-0.4806

(Samp) **2/21/2013, 8:29:44 AM** **Rack 4, Tube 20**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.2354	ppb	0.4095	173.9	-18.5534
Al 308.215	-63.2234	ppb	1.1025	1.7	86.0017
As 188.980	-2.4751	ppb	4.1595	168.1	-1.4249
B 249.678	-9.1197	ppb	0.2025	2.2	14.0518
Ba 389.178	0.4607	ppb	0.1880	40.8	-27.1417
Be 313.042	-0.1227	ppb	0.0066	5.4	-265.357
Ca 370.602	-1.132	ppb	0.4011	35.4	-81.12
Cd 226.502	-0.2887	ppb	0.1627	56.4	7.3320
Co 228.615	1.0047	ppb	0.0873	8.7	-6.6823
Cr 267.716	-0.1033	ppb	0.3935	380.8	6.6577
Cu 324.754	-1.2062	ppb	0.2513	20.8	24.8293
Fe 271.441	13.4169	ppb	2.3891	17.8	-5.8263
K 766.491	-8.6180	ppb	0.0821	1.0	1319.73
Mg 279.078	-16.9467	ppb	0.2153	1.3	8.9247
Mn 257.610	-0.0304	ppb	0.0281	92.7	-0.6061
Mo 202.032	-0.5950	ppb	0.5759	96.8	0.3147
Na 330.237	108.012	ppb	30.2331	28.0	9.3506
Ni 231.604	-0.1647	ppb	0.2502	151.9	0.1705
Pb 220.353	-1.5062	ppb	1.1762	78.1	1.4897
Sb 206.834	-6.1429	ppb	2.6778	43.6	1.4035
Se 196.026	0.8321	ppb	3.2967	396.2	2.6789
Sn 189.925	11.3670	ppb	2.1253	18.7	1.4441
Sr 216.596	0.1700	ppb	0.0570	33.5	-3.0000
Ti 334.941	-0.0618	ppb	0.0348	56.4	-68.9305
Tl 190.794	8.7315	ppb	1.4766	16.9	-0.4413
V 292.401	-0.3792	ppb	0.1216	32.1	0.8101
Zn 206.200	-0.2060	ppb	0.1997	96.9	-0.0806

(Samp) **2/21/2013, 8:35:55 AM** **Rack 4, Tube 21**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.3150	ppb	0.2008	63.7	-16.4615
Al 308.215	-64.0309	ppb	0.6702	1.0	83.2083
As 188.980	0.4345	ppb	1.2100	278.5	-0.5122
B 249.678	-9.0500	ppb	0.4160	4.6	14.5674
Ba 389.178	0.3474	ppb	0.2863	82.4	-28.7441
Be 313.042	-0.1213	ppb	0.0068	5.6	-263.399
Ca 370.602	-0.6481	ppb	1.776	274.1	-79.06
Cd 226.502	-0.2973	ppb	0.0100	3.4	7.1571

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	1.1228	ppb	0.3481	31.0	-5.8478
Cr 267.716	-0.2705	ppb	0.0934	34.5	4.3991
Cu 324.754	-1.4617	ppb	0.1003	6.9	18.3621
Fe 271.441	14.7712	ppb	2.4857	16.8	-4.9776
K 766.491	-8.7466	ppb	0.2702	3.1	1305.51
Mg 279.078	-12.6009	ppb	0.3649	2.9	13.3198
Mn 257.610	-0.0143	ppb	0.0023	15.8	0.7519
Mo 202.032	-0.6718	ppb	0.2808	41.8	0.0906
Na 330.237	36.1420	ppb	29.2841	81.0	5.3228
Ni 231.604	0.4060	ppb	0.4598	113.3	1.5511
Pb 220.353	-3.1143	ppb	0.7895	25.4	0.3282
Sb 206.834	-7.3258	ppb	1.0749	14.7	0.8119
Se 196.026	-3.1515	ppb	2.2568	71.6	1.7739
Sn 189.925	9.9138	ppb	2.4600	24.8	0.7277
Sr 216.596	-0.0036	ppb	0.3679	10112.7	-3.9044
Ti 334.941	-0.0407	ppb	0.0374	91.8	-65.3393
Tl 190.794	8.4549	ppb	2.3664	28.0	-0.5507
V 292.401	-0.3393	ppb	0.0203	6.0	1.8392
Zn 206.200	-0.3720	ppb	0.1556	41.8	-0.4933

(Samp) **2/21/2013, 8:42:06 AM** **Rack 4, Tube 22**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.1442	ppb	0.2331	161.7	-20.9490
Al 308.215	-63.4875	ppb	0.2122	0.3	85.0930
As 188.980	3.3832	ppb	1.0937	32.3	0.4130
B 249.678	-9.0571	ppb	0.4258	4.7	14.5061
Ba 389.178	0.5874	ppb	0.2586	44.0	-25.3531
Be 313.042	-0.1180	ppb	0.0072	6.1	-259.047
Ca 370.602	-0.9405	ppb	0.8229	87.5	-80.36
Cd 226.502	-0.2507	ppb	0.0773	30.8	8.0716
Co 228.615	0.9615	ppb	0.4065	42.3	-6.9866
Cr 267.716	-0.1809	ppb	0.1109	61.3	5.6089
Cu 324.754	-1.4804	ppb	0.1115	7.5	17.8879
Fe 271.441	11.7038	ppb	0.0664	0.6	-6.8962
K 766.491	-8.5260	ppb	0.0581	0.7	1329.91
Mg 279.078	-15.3747	ppb	2.4038	15.6	10.5139
Mn 257.610	-0.0288	ppb	0.0052	18.1	-0.4737
Mo 202.032	-0.9168	ppb	0.2898	31.6	-0.6256
Na 330.237	71.6873	ppb	49.5175	69.1	7.3152
Ni 231.604	-0.1535	ppb	0.2396	156.1	0.1968
Pb 220.353	-1.5702	ppb	1.4341	91.3	1.4434
Sb 206.834	-6.5081	ppb	0.2567	3.9	1.2227
Se 196.026	-4.6485	ppb	2.3067	49.6	1.4338
Sn 189.925	9.9440	ppb	0.9048	9.1	0.7425
Sr 216.596	0.1694	ppb	0.0699	41.3	-3.0055
Ti 334.941	-0.0434	ppb	0.0176	40.4	-65.7967
Tl 190.794	6.8867	ppb	0.7476	10.9	-1.1749
V 292.401	-0.3760	ppb	0.0745	19.8	0.8736
Zn 206.200	0.0393	ppb	0.1021	259.6	0.5315

(Samp) **2/21/2013, 8:48:17 AM** **Rack 4, Tube 23**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0914	ppb	0.0165	18.1	-22.3361
Al 308.215	-63.4029	ppb	1.5233	2.4	85.3870
As 188.980	0.2231	ppb	1.8355	822.9	-0.5785
B 249.678	-9.2843	ppb	0.0198	0.2	12.8549
Ba 389.178	0.6884	ppb	0.1655	24.0	-23.9258
Be 313.042	-0.1318	ppb	0.0054	4.1	-277.576
Ca 370.602	-2.042	ppb	1.375	67.4	-84.19
Cd 226.502	-0.3231	ppb	0.1117	34.6	6.6618
Co 228.615	1.0338	ppb	0.2516	24.3	-6.4788
Cr 267.716	0.0152	ppb	0.1583	1041.2	8.2601
Cu 324.754	-1.3391	ppb	0.5312	39.7	21.4689
Fe 271.441	13.8612	ppb	0.7805	5.6	-5.5492
K 766.491	-8.9575	ppb	0.0758	0.8	1282.10
Mg 279.078	-16.4878	ppb	1.5529	9.4	9.3858
Mn 257.610	-0.0102	ppb	0.0082	80.4	1.0989
Mo 202.032	-0.6752	ppb	0.0251	3.7	0.0802
Na 330.237	74.1282	ppb	78.4177	105.8	7.4508
Ni 231.604	0.2159	ppb	0.3489	161.6	1.0919
Pb 220.353	-2.9966	ppb	0.3407	11.4	0.4124
Sb 206.834	-5.1062	ppb	1.6777	32.9	1.9241
Se 196.026	-4.6311	ppb	2.5608	55.3	1.4377
Sn 189.925	9.7834	ppb	0.6813	7.0	0.6634
Sr 216.596	-0.0039	ppb	0.6014	15397.4	-3.9044
Ti 334.941	-0.0441	ppb	0.0116	26.2	-65.9016
Tl 190.794	9.2217	ppb	1.8551	20.1	-0.2465
V 292.401	-0.3389	ppb	0.1313	38.7	1.7523
Zn 206.200	-0.4485	ppb	0.2258	50.4	-0.6850

(Samp) **2/21/2013, 8:54:28 AM** **Rack 4, Tube 24**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.2108	ppb	0.2219	105.2	-19.1985
Al 308.215	-64.3569	ppb	0.0477	0.1	82.0888
As 188.980	-0.9005	ppb	2.0236	224.7	-0.9309
B 249.678	-8.9984	ppb	0.1533	1.7	14.9338
Ba 389.178	0.6377	ppb	0.4521	70.9	-24.6443
Be 313.042	-0.1207	ppb	0.0009	0.8	-262.677
Ca 370.602	-0.6023	ppb	0.4830	80.2	-79.10
Cd 226.502	-0.2992	ppb	0.0910	30.4	7.1223
Co 228.615	0.9727	ppb	0.1533	15.8	-6.9081
Cr 267.716	-0.0875	ppb	0.0916	104.6	6.8733
Cu 324.754	-1.3534	ppb	0.1488	11.0	21.1034
Fe 271.441	12.7892	ppb	2.1262	16.6	-6.2216
K 766.491	-8.7652	ppb	0.1470	1.7	1303.39
Mg 279.078	-16.7062	ppb	2.4161	14.5	9.1729
Mn 257.610	-0.0085	ppb	0.0350	411.4	1.2432
Mo 202.032	-0.7039	ppb	0.1491	21.2	-0.0033
Na 330.237	168.792	ppb	9.3617	5.5	12.7577
Ni 231.604	-0.0795	ppb	0.3466	436.0	0.3762
Pb 220.353	-3.6456	ppb	2.8795	79.0	-0.0564

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-5.7117	ppb	1.2189	21.3	1.6182
Se 196.026	-4.5568	ppb	2.3345	51.2	1.4546
Sn 189.925	11.8448	ppb	1.0295	8.7	1.6796
Sr 216.596	0.0781	ppb	0.0745	95.4	-3.4747
Ti 334.941	-0.0552	ppb	0.0178	32.3	-67.8153
Tl 190.794	8.0536	ppb	0.6757	8.4	-0.7110
V 292.401	-0.4128	ppb	0.2286	55.4	-0.0002
Zn 206.200	-0.2796	ppb	0.2705	96.7	-0.2636

Cont Calib Verif (CCV) **2/21/2013, 9:00:39 AM** **Rack 4, Tube 25**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.0144	ppb	0.1394	966.8	-25.1154	-0.00288Q
Al 308.215	-64.2799	ppb	0.4633	0.7	82.3662	-1.28560Q
As 188.980	-1.4075	ppb	2.5457	180.9	-1.0900	-0.28151Q
B 249.678	-9.2827	ppb	0.2589	2.8	12.8727	-0.37131Q
Ba 389.178	0.4496	ppb	0.0827	18.4	-27.3008	0.00899Q
Be 313.042	-0.1212	ppb	0.0012	1.0	-263.346	-0.02424Q
Ca 370.602	-0.4535	ppb	1.892	417.3	-78.47	-0.00907Q
Cd 226.502	-0.3181	ppb	0.0421	13.2	6.7533	-0.06361Q
Co 228.615	1.0046	ppb	0.1004	10.0	-6.6858	0.20091Q
Cr 267.716	-0.0939	ppb	0.0844	89.8	6.7861	-0.00188Q
Cu 324.754	-1.4450	ppb	0.0284	2.0	18.7852	-0.02890Q
Fe 271.441	11.4469	ppb	6.2405	54.5	-7.0522	0.22894Q
K 766.491	-8.4086	ppb	0.2016	2.4	1342.91	-0.08409Q
Mg 279.078	-14.0999	ppb	4.5033	31.9	11.8060	-0.28200Q
Mn 257.610	-0.0156	ppb	0.0151	96.7	0.6376	-0.00031Q
Mo 202.032	-0.4579	ppb	0.1203	26.3	0.7155	-0.09159Q
Na 330.237	-4.5673	ppb	127.587	2793.5	3.0409	-0.06090Q
Ni 231.604	0.2503	ppb	0.7187	287.2	1.1746	0.01001Q
Pb 220.353	-2.0349	ppb	3.1198	153.3	1.1075	-0.40699Q
Sb 206.834	-7.5495	ppb	0.1831	2.4	0.7004	-1.50991Q
Se 196.026	0.3850	ppb	1.0929	283.9	2.5774	0.00770Q
Sn 189.925	9.7214	ppb	2.3377	24.0	0.6328	0.19443Q
Sr 216.596	0.2130	ppb	0.1078	50.6	-2.7965	0.00852Q
Ti 334.941	-0.0537	ppb	0.0363	67.5	-67.5495	-0.01074Q
Tl 190.794	7.3010	ppb	1.4591	20.0	-1.0100	0.14602Q
V 292.401	-0.2726	ppb	0.0438	16.1	3.3300	-0.00545Q
Zn 206.200	-0.5381	ppb	0.0584	10.8	-0.9081	-0.02152Q

Cont Calib Blank (CCB) **2/21/2013, 9:06:51 AM** **Rack 4, Tube 26**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	0.0855	ppb	0.4258	497.8	-22.4904	0.08554
Al 308.215	-63.9901	ppb	0.4364	0.7	83.3604	-63.99013
As 188.980	0.6114	ppb	2.7755	454.0	-0.4566	0.61138
B 249.678	-9.0732	ppb	0.3702	4.1	14.3905	-9.07322
Ba 389.178	0.5451	ppb	0.0977	17.9	-25.9524	0.54511
Be 313.042	-0.1283	ppb	0.0016	1.2	-272.830	-0.12828
Ca 370.602	0.5709	ppb	2.038	357.1	-75.44	0.57087
Cd 226.502	-0.2588	ppb	0.0646	25.0	7.9133	-0.25878

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Co 228.615	1.0514	ppb	0.1337	12.7	-6.3541	1.05143
Cr 267.716	-0.0693	ppb	0.3759	542.1	7.1179	-0.06934
Cu 324.754	-1.3069	ppb	0.1229	9.4	22.2770	-1.30686
Fe 271.441	14.3522	ppb	1.0547	7.3	-5.2431	14.35218
K 766.491	-9.0711	ppb	0.1149	1.3	1269.54	-9.07113
Mg 279.078	-12.7703	ppb	2.3599	18.5	13.1426	-12.77028
Mn 257.610	-0.0402	ppb	0.0157	39.2	-1.4388	-0.04019
Mo 202.032	-0.9358	ppb	0.2683	28.7	-0.6813	-0.93583
Na 330.237	121.989	ppb	80.6848	66.1	10.1338	121.98857
Ni 231.604	-0.1922	ppb	0.4653	242.1	0.1045	-0.19219
Pb 220.353	-3.6936	ppb	3.1481	85.2	-0.0911	-3.69358
Sb 206.834	-6.3720	ppb	1.8955	29.7	1.2931	-6.37202
Se 196.026	-6.3919	ppb	1.6341	25.6	1.0377	-6.39192
Sn 189.925	9.0429	ppb	1.4470	16.0	0.2983	9.04293
Sr 216.596	0.3449	ppb	0.1459	42.3	-2.1046	0.34494
Ti 334.941	-0.0520	ppb	0.0481	92.4	-67.2677	-0.05203
Tl 190.794	9.0283	ppb	2.0867	23.1	-0.3233	9.02833
V 292.401	-0.3198	ppb	0.1196	37.4	2.2222	-0.31981
Zn 206.200	-0.5491	ppb	0.4728	86.1	-0.9355	-0.54910

(Samp) **2/21/2013, 9:13:02 AM** **Rack 4, Tube 27**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0660	ppb	0.3037	460.4	-26.4698
Al 308.215	-64.4208	ppb	0.5806	0.9	81.8777
As 188.980	0.1262	ppb	0.0912	72.2	-0.6088
B 249.678	-8.9913	ppb	0.1290	1.4	14.9867
Ba 389.178	0.3897	ppb	0.6979	179.1	-28.1458
Be 313.042	-0.1321	ppb	0.0027	2.0	-277.898
Ca 370.602	-0.5689	ppb	1.844	324.2	-78.97
Cd 226.502	-0.3217	ppb	0.0185	5.7	6.6831
Co 228.615	1.0355	ppb	0.2243	21.7	-6.4678
Cr 267.716	-0.1044	ppb	0.1530	146.6	6.6444
Cu 324.754	-1.2506	ppb	0.2075	16.6	23.7054
Fe 271.441	15.2816	ppb	0.9570	6.3	-4.6628
K 766.491	-9.0776	ppb	0.1277	1.4	1268.87
Mg 279.078	-14.7571	ppb	1.4513	9.8	11.1405
Mn 257.610	-0.0469	ppb	0.0236	50.4	-2.0070
Mo 202.032	-0.5627	ppb	0.3647	64.8	0.4092
Na 330.237	114.644	ppb	134.380	117.2	9.7229
Ni 231.604	0.1018	ppb	0.1975	194.0	0.8151
Pb 220.353	-4.6885	ppb	1.4483	30.9	-0.8102
Sb 206.834	-5.7648	ppb	1.1519	20.0	1.5938
Se 196.026	-6.9278	ppb	2.0445	29.5	0.9159
Sn 189.925	9.2412	ppb	3.2441	35.1	0.3961
Sr 216.596	0.2316	ppb	0.4705	203.1	-2.6964
Ti 334.941	-0.0625	ppb	0.0262	42.0	-69.0667
Tl 190.794	6.1884	ppb	2.5266	40.8	-1.4524
V 292.401	-0.3056	ppb	0.0181	5.9	2.5517
Zn 206.200	-0.2501	ppb	0.1987	79.5	-0.1899

(Samp) **2/21/2013, 9:19:13 AM** **Rack 4, Tube 28**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0374	ppb	0.2196	586.7	-23.7528
Al 308.215	-63.5293	ppb	0.3893	0.6	84.9625
As 188.980	2.4132	ppb	0.9342	38.7	0.1086
B 249.678	-9.1951	ppb	0.2826	3.1	13.4991
Ba 389.178	0.9275	ppb	0.3508	37.8	-20.5504
Be 313.042	-0.1301	ppb	0.0053	4.1	-275.276
Ca 370.602	-0.7621	ppb	1.391	182.5	-80.16
Cd 226.502	-0.2583	ppb	0.0747	28.9	7.9280
Co 228.615	0.9963	ppb	0.1899	19.1	-6.7479
Cr 267.716	-0.1747	ppb	0.1070	61.2	5.6922
Cu 324.754	-1.1922	ppb	0.2653	22.3	25.1861
Fe 271.441	14.3031	ppb	1.2305	8.6	-5.2709
K 766.491	-8.8165	ppb	0.1467	1.7	1297.65
Mg 279.078	-16.2592	ppb	0.7752	4.8	9.6141
Mn 257.610	-0.0222	ppb	0.0346	155.7	0.0855
Mo 202.032	-0.4349	ppb	0.3363	77.3	0.7825
Na 330.237	31.4108	ppb	95.8253	305.1	5.0567
Ni 231.604	0.1484	ppb	0.5851	394.3	0.9281
Pb 220.353	-3.7767	ppb	0.9106	24.1	-0.1516
Sb 206.834	-5.6979	ppb	1.2131	21.3	1.6240
Se 196.026	-1.5600	ppb	5.1753	331.8	2.1354
Sn 189.925	10.1458	ppb	1.2629	12.4	0.8420
Sr 216.596	0.2008	ppb	0.1043	52.0	-2.8596
Ti 334.941	-0.0681	ppb	0.0157	23.0	-70.0194
Tl 190.794	6.2981	ppb	1.3832	22.0	-1.4092
V 292.401	-0.3027	ppb	0.0978	32.3	2.5643
Zn 206.200	-0.2192	ppb	0.3080	140.5	-0.1124

(Samp) **2/21/2013, 9:25:24 AM** **Rack 4, Tube 29**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0641	ppb	0.4934	770.0	-23.0537
Al 308.215	-64.5851	ppb	0.2533	0.4	81.3088
As 188.980	0.1881	ppb	3.3541	1783.6	-0.5895
B 249.678	-9.4442	ppb	0.3887	4.1	11.6950
Ba 389.178	0.6737	ppb	0.1208	17.9	-24.1322
Be 313.042	-0.1319	ppb	0.0041	3.1	-277.657
Ca 370.602	-0.2318	ppb	0.7294	314.7	-78.26
Cd 226.502	-0.3128	ppb	0.0347	11.1	6.8621
Co 228.615	1.1179	ppb	0.0794	7.1	-5.8896
Cr 267.716	-0.2549	ppb	0.2078	81.5	4.6078
Cu 324.754	-1.2453	ppb	0.1388	11.1	23.8388
Fe 271.441	15.0166	ppb	2.4844	16.5	-4.8271
K 766.491	-8.9990	ppb	0.1508	1.7	1277.50
Mg 279.078	-14.4424	ppb	2.2778	15.8	11.4510
Mn 257.610	-0.0344	ppb	0.0269	78.0	-0.9491
Mo 202.032	-0.7467	ppb	0.1628	21.8	-0.1286
Na 330.237	47.0878	ppb	11.0698	23.5	5.9354
Ni 231.604	-0.0705	ppb	0.0730	103.5	0.3982
Pb 220.353	-2.0036	ppb	0.4635	23.1	1.1302

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-4.7140	ppb	2.3738	50.4	2.1183
Se 196.026	0.6530	ppb	1.4655	224.4	2.6382
Sn 189.925	10.3536	ppb	1.2728	12.3	0.9445
Sr 216.596	-0.1229	ppb	0.2345	190.9	-4.5069
Ti 334.941	-0.0577	ppb	0.0247	42.8	-68.2374
Tl 190.794	7.2219	ppb	2.3895	33.1	-1.0417
V 292.401	-0.3391	ppb	0.0136	4.0	1.7367
Zn 206.200	-0.4039	ppb	0.1511	37.4	-0.5731

(Samp) **2/21/2013, 9:31:36 AM** **Rack 4, Tube 30**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.3757	ppb	0.4060	108.1	-14.8681
Al 308.215	-64.1017	ppb	0.8529	1.3	82.9731
As 188.980	0.2998	ppb	2.4174	806.3	-0.5544
B 249.678	-9.2245	ppb	0.2622	2.8	13.2985
Ba 389.178	0.4053	ppb	0.2410	59.5	-27.9280
Be 313.042	-0.1283	ppb	0.0044	3.4	-272.863
Ca 370.602	-0.4180	ppb	0.3303	79.0	-78.23
Cd 226.502	-0.2608	ppb	0.0694	26.6	7.8694
Co 228.615	1.1288	ppb	0.0717	6.4	-5.8091
Cr 267.716	-0.1289	ppb	0.0515	39.9	6.3128
Cu 324.754	-1.2285	ppb	0.0743	6.0	24.2620
Fe 271.441	12.4382	ppb	1.2642	10.2	-6.4340
K 766.491	-8.9159	ppb	0.1993	2.2	1286.76
Mg 279.078	-17.2268	ppb	1.0607	6.2	8.6525
Mn 257.610	-0.0181	ppb	0.0256	141.7	0.4305
Mo 202.032	-1.1003	ppb	0.4442	40.4	-1.1616
Na 330.237	71.1870	ppb	70.6061	99.2	7.2875
Ni 231.604	0.3320	ppb	0.8862	267.0	1.3723
Pb 220.353	-3.0147	ppb	1.6888	56.0	0.3998
Sb 206.834	-7.3422	ppb	1.2415	16.9	0.8051
Se 196.026	-2.7582	ppb	0.9965	36.1	1.8633
Sn 189.925	8.5162	ppb	0.7524	8.8	0.0386
Sr 216.596	0.1233	ppb	0.2322	188.3	-3.2550
Ti 334.941	-0.0631	ppb	0.0039	6.2	-69.1580
Tl 190.794	8.0743	ppb	1.0705	13.3	-0.7023
V 292.401	-0.2839	ppb	0.0783	27.6	3.1206
Zn 206.200	-0.2837	ppb	0.1747	61.6	-0.2736

F02182013A.wvq. All Data Report 2/19/2013, 9:41:12 AM

Blank (Blk) **2/18/2013, 12:44:13 PM** **Rack S, Tube 1**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.0000	ppb	20.730	72.0	-28.7716
Al 308.215	0.0000	ppb	12.049	3.8	319.810
As 188.980	0.0000	ppb	1.032	107.5	-0.9608
B 249.678	0.0000	ppb	4.356	5.7	76.2209
Ba 389.178	0.0000	ppb	6.513	19.8	-32.9066
Be 313.042	0.0000	ppb	4.337	58.3	7.4421
Ca 370.602	0.0000	ppb	7.500	8.4	-88.96
Cd 226.502	0.0000	ppb	2.036	15.8	12.9009
Co 228.615	0.0000	ppb	1.479	13.2	-11.1970
Cr 267.716	0.0000	ppb	4.965	85.7	5.7957
Cu 324.754	0.0000	ppb	15.639	23.8	65.5824
Fe 271.441	0.0000	ppb	4.069	28.6	-14.2421
K 766.491	0.0000	ppb	25.889	1.2	2215.68
Mg 279.078	0.0000	ppb	6.276	27.1	23.1739
Mn 257.610	0.0000	ppb	4.192	88.0	4.7626
Mo 202.032	0.0000	ppb	1.924	105.9	1.8164
Na 330.237	0.0000	ppb	2.382	98.8	2.4123
Ni 231.604	0.0000	ppb	2.756	559.0	0.4931
Pb 220.353	0.0000	ppb	1.413	54.5	2.5937
Sb 206.834	0.0000	ppb	1.007	103.8	0.9704
Se 196.026	0.0000	ppb	1.083	119.7	0.9050
Sn 189.925	0.0000	ppb	0.693	236.9	-0.2923
Sr 216.596	0.0000	ppb	1.414	22.1	-6.3969
Ti 334.941	0.0000	ppb	17.255	36.6	-47.2023
Tl 190.794	0.0000	ppb	0.217	17.7	-1.2236
V 292.401	0.0000	ppb	5.354	298.1	-1.7962
Zn 206.200	0.0000	ppb	0.486	45.9	1.0589

HIGH STD (Std) **2/18/2013, 12:50:21 PM** **Rack S, Tube 2**

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	1000.00	ppb	182.134	0.7	26402.4
Al 308.215	10000.0	ppb	148.887	0.4	34303.3
As 188.980	5000.00	ppb	20.691	1.3	1555.30
B 249.678	5000.00	ppb	255.331	0.7	36975.5
Ba 389.178	10000.0	ppb	563.109	0.4	136542
Be 313.042	1000.00	ppb	6808.222	0.5	1327832
Ca 370.602	10000	ppb	152.643	0.5	31705
Cd 226.502	1000.00	ppb	85.754	0.4	19350.6
Co 228.615	1000.00	ppb	45.324	0.6	7112.91
Cr 267.716	10000.0	ppb	803.975	0.6	137160
Cu 324.754	10000.0	ppb	2235.319	0.8	264123
Fe 271.441	10000.0	ppb	46.136	0.8	5980.89
K 766.491	20000.0	ppb	8905.120	0.4	2229535
Mg 279.078	10000.0	ppb	30.212	0.3	9671.63
Mn 257.610	10000.0	ppb	3937.685	0.5	832403
Mo 202.032	1000.00	ppb	14.101	0.5	2766.56
Na 330.237	15000.0	ppb	3.207	0.4	846.738
Ni 231.604	5000.00	ppb	69.182	0.6	11927.5
Pb 220.353	5000.00	ppb	17.987	0.5	3595.27
Sb 206.834	5000.00	ppb	5.961	0.2	2611.92
Se 196.026	10000.0	ppb	5.847	0.2	2416.15
Sn 189.925	10000.0	ppb	28.023	0.6	4935.32

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Sr 216.596	5000.00	ppb	118.162	0.5	25113.0
Ti 334.941	1000.00	ppb	824.039	0.5	165174
Tl 190.794	10000.0	ppb	24.481	0.6	3991.80
V 292.401	10000.0	ppb	860.099	0.4	227385
Zn 206.200	5000.00	ppb	39.444	0.3	12168.3

Lab Control Sample (LCS) **2/18/2013, 12:56:28 PM** **Rack S, Tube 2**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	990.897	ppb	1.2790	0.1	26159.9	99.08966
Al 308.215	9977.14	ppb	46.3024	0.5	34847.3	99.77135
As 188.980	5002.11	ppb	15.0974	0.3	1557.08	500.21085*
B 249.678	4999.50	ppb	13.0167	0.3	36964.2	99.99007
Ba 389.178	9969.20	ppb	18.5328	0.2	136192	99.69200
Be 313.042	999.058	ppb	1.2563	0.1	1331669	99.90584
Ca 370.602	10180	ppb	9.169	0.1	31177	101.80061
Cd 226.502	997.388	ppb	1.6420	0.2	19320.8	99.73882
Co 228.615	997.591	ppb	2.8873	0.3	7100.52	99.75906
Cr 267.716	9972.86	ppb	13.0443	0.1	136733	99.72862
Cu 324.754	9980.52	ppb	19.1806	0.2	263489	99.80524
Fe 271.441	9959.93	ppb	6.3209	0.1	6055.44	99.59930
K 766.491	20000.5	ppb	18.7920	0.1	2227259	100.00256
Mg 279.078	10024.7	ppb	15.6812	0.2	9652.95	100.24664
Mn 257.610	9984.66	ppb	18.0411	0.2	831146	99.84662
Mo 202.032	1002.05	ppb	2.4143	0.2	2756.36	100.20455
Na 330.237	15163.2	ppb	36.0031	0.2	853.811	101.08788
Ni 231.604	4967.78	ppb	4.1562	0.1	11855.2	99.35551
Pb 220.353	4999.50	ppb	7.6445	0.2	3585.18	499.94980*
Sb 206.834	4922.15	ppb	11.0001	0.2	2623.52	492.21500*
Se 196.026	9996.11	ppb	38.9081	0.4	2416.79	99.96114
Sn 189.925	9988.18	ppb	25.0509	0.3	4929.66	99.88177
Sr 216.596	5005.41	ppb	5.5471	0.1	24970.0	100.10826
Ti 334.941	997.024	ppb	1.7096	0.2	165169	99.70237
Tl 190.794	9952.54	ppb	16.8265	0.2	3982.56	99.52535
V 292.401	10013.0	ppb	20.9339	0.2	227005	100.13039
Zn 206.200	4999.83	ppb	2.1589	0.0	12138.2	99.99656

Initial Calib Verif (ICV) **2/18/2013, 1:02:36 PM** **Rack S, Tube 3**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	987.162	ppb	6.0455	0.6	26062.3	98.71619
Al 308.215	969.156	ppb	6.4395	0.7	3700.63	96.91557
As 188.980	1052.94	ppb	17.2835	1.6	326.936	105.29417
B 249.678	1015.19	ppb	8.3706	0.8	7575.52	101.51862
Ba 389.178	1008.69	ppb	7.0009	0.7	13754.2	100.86855
Be 313.042	1013.11	ppb	7.1943	0.7	1345673	101.31126
Ca 370.602	990.1	ppb	6.369	0.6	3029	99.00513
Cd 226.502	1015.66	ppb	7.9216	0.8	19655.5	101.56554
Co 228.615	973.583	ppb	7.4877	0.8	6920.49	97.35830
Cr 267.716	998.109	ppb	8.2968	0.8	13689.3	99.81095
Cu 324.754	1006.84	ppb	6.4225	0.6	26646.2	100.68378

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Fe 271.441	986.607	ppb	11.2310	1.1	619.936	98.66075
K 766.491	10192.9	ppb	62.1059	0.6	1137127	101.92947
Mg 279.078	1025.17	ppb	9.6709	0.9	1007.84	102.51746
Mn 257.610	1025.65	ppb	7.1777	0.7	85390.5	102.56545
Mo 202.032	1048.50	ppb	7.3810	0.7	2899.08	104.85045
Na 330.237	9963.08	ppb	202.957	2.0	558.158	99.63084
Ni 231.604	1011.26	ppb	9.1270	0.9	2412.58	101.12588
Pb 220.353	1013.59	ppb	8.0176	0.8	728.655	101.35876
Sb 206.834	1038.68	ppb	16.0336	1.5	544.288	103.86812
Se 196.026	1039.32	ppb	25.9852	2.5	252.088	103.93168
Sn 189.925	4910.67	ppb	28.3877	0.6	2423.62	98.21331
Sr 216.596	5228.61	ppb	39.9068	0.8	26214.9	104.57217
Ti 334.941	1002.19	ppb	8.0780	0.8	165584	100.21917
Tl 190.794	1044.47	ppb	2.4405	0.2	417.702	104.44717
V 292.401	1003.94	ppb	5.9821	0.6	22586.8	100.39359
Zn 206.200	1013.78	ppb	7.7662	0.8	2465.07	101.37773

Initial Calib Blank (ICB) **2/18/2013, 1:09:42 PM** **Rack S, Tube 1**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	0.4637	ppb	0.3007	64.9	-16.5167	0.46370
Al 308.215	-0.5000	ppb	1.7268	345.4	318.121	-0.49998
As 188.980	5.9337	ppb	3.8102	64.2	0.8862	5.93372
B 249.678	14.5835	ppb	0.2572	1.8	183.850	14.58355
Ba 389.178	0.2625	ppb	0.7211	274.7	-29.3192	0.26252
Be 313.042	-0.0022	ppb	0.0128	587.6	4.6800	-0.00218
Ca 370.602	-1.499	ppb	1.957	130.5	-93.47	-1.49926
Cd 226.502	0.0938	ppb	0.2021	215.4	14.7116	0.09381
Co 228.615	-0.2543	ppb	0.0949	37.3	-13.0056	-0.25427
Cr 267.716	0.3383	ppb	0.2949	87.2	10.4343	0.33826
Cu 324.754	0.5092	ppb	0.1173	23.0	79.0271	0.50921
Fe 271.441	-3.8369	ppb	4.4770	116.7	-16.5408	-3.83686
K 766.491	-0.0116	ppb	0.2271	1953.6	2214.39	-0.01163
Mg 279.078	4.1726	ppb	2.2161	53.1	27.2044	4.17264
Mn 257.610	-0.0293	ppb	0.0096	32.6	2.3220	-0.02933
Mo 202.032	0.3348	ppb	0.3553	106.1	2.7417	0.33475
Na 330.237	13.1252	ppb	69.5561	529.9	3.1511	13.12517
Ni 231.604	-0.0454	ppb	0.7281	1603.6	0.3835	-0.04541
Pb 220.353	-2.2209	ppb	3.1260	140.8	0.9979	-2.22095
Sb 206.834	5.2303	ppb	2.9499	56.4	3.7022	5.23027
Se 196.026	5.5223	ppb	5.5218	100.0	2.2388	5.52227
Sn 189.925	1.1774	ppb	3.0591	259.8	0.2889	1.17742
Sr 216.596	0.0823	ppb	0.7532	915.0	-5.9780	0.08232
Ti 334.941	0.0600	ppb	0.0537	89.5	-37.2785	0.06000
Tl 190.794	-0.6346	ppb	5.3290	839.7	-1.4765	-0.63465
V 292.401	0.2550	ppb	0.1517	59.5	4.0171	0.25495
Zn 206.200	-0.0696	ppb	0.6664	958.1	0.8888	-0.06956

CRI (CRI) **2/18/2013, 1:15:49 PM** **Rack S, Tube 4**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	10.0856	ppb	0.2621	2.6	237.779	100.85578
Al 308.215	200.746	ppb	1.6130	0.8	1002.91	100.37309
As 188.980	25.9248	ppb	3.6272	14.0	7.1036	129.62404R
B 249.678	106.856	ppb	0.3176	0.3	864.816	106.85570
Ba 389.178	11.0780	ppb	0.3147	2.8	119.321	110.78043
Be 313.042	4.1137	ppb	0.0192	0.5	5474.24	102.84259
Ca 370.602	504.6	ppb	3.140	0.6	1509	100.92494
Cd 226.502	5.2528	ppb	0.0050	0.1	114.587	105.05691
Co 228.615	9.9904	ppb	0.5168	5.2	59.9442	99.90352
Cr 267.716	10.4265	ppb	0.2999	2.9	148.735	104.26537
Cu 324.754	20.0847	ppb	0.5323	2.7	595.065	100.42355
Fe 271.441	52.0157	ppb	10.0970	19.4	17.3846	104.03133
K 766.491	1073.71	ppb	5.8975	0.5	121787	107.37051
Mg 279.078	513.265	ppb	9.2291	1.8	518.245	102.65305
Mn 257.610	10.6301	ppb	0.0726	0.7	889.989	106.30051
Mo 202.032	10.5588	ppb	0.8845	8.4	30.9904	105.58783
Na 330.237	1036.87	ppb	10.7490	1.0	60.7283	103.68724
Ni 231.604	41.4343	ppb	1.5839	3.8	99.3529	103.58586
Pb 220.353	9.5495	ppb	1.4155	14.8	9.4139	95.49453
Sb 206.834	19.8371	ppb	2.8124	14.2	11.3120	99.18536
Se 196.026	20.5285	ppb	2.5572	12.5	5.8645	102.64240
Sn 189.925	52.4784	ppb	0.8540	1.6	25.6097	104.95685
Sr 216.596	10.1485	ppb	0.4264	4.2	43.1896	101.48452
Ti 334.941	10.2089	ppb	0.1296	1.3	1640.41	102.08927
Tl 190.794	24.2306	ppb	6.3315	26.1	8.4640	96.92249
V 292.401	10.4709	ppb	0.2778	2.7	233.906	104.70889
Zn 206.200	20.8004	ppb	0.5494	2.6	51.6593	104.00175

Interf Check A (ICSA) **2/18/2013, 1:21:58 PM** **Rack S, Tube 5**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	0.0755	ppb	0.7502	993.6	-58.8616	0.07550
Al 308.215	527538	ppb	2105.22	0.4	1793051	-
As 188.980	-5.2889	ppb	10.4232	197.1	-9.5515	-5.28889
B 249.678	10.5369	ppb	0.5223	5.0	-180.182	10.53685
Ba 389.178	2.1409	ppb	0.7149	33.4	997.066	2.14095
Be 313.042	-0.0663	ppb	0.0020	3.0	55.9099	-0.06625
Ca 370.602	489491	ppb	1698	0.3	1526924	-
Cd 226.502	0.5268	ppb	0.1039	19.7	436.273	0.52679
Co 228.615	-1.4038	ppb	0.5743	40.9	-18.3887	-1.40379
Cr 267.716	0.4724	ppb	0.6731	142.5	-74.2998	0.47242
Cu 324.754	2.9535	ppb	0.1655	5.6	-736.339	2.95351
Fe 271.441	188994	ppb	564.900	0.3	113290	-
K 766.491	0.8779	ppb	0.0601	6.8	2290.35	0.87791
Mg 279.078	535293	ppb	1379.85	0.3	515969	-
Mn 257.610	-1.0763	ppb	0.0661	6.1	294.353	-1.07634
Mo 202.032	-1.8754	ppb	0.6395	34.1	-17.4247	-1.87536
Na 330.237	280.804	ppb	5.0813	1.8	-38.0196	280.80414
Ni 231.604	3.5589	ppb	1.7724	49.8	35.1660	3.55887
Pb 220.353	6.5165	ppb	5.1860	79.6	-45.4629	6.51653

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sb 206.834	-8.1124	ppb	15.0803	185.9	4.7922	-8.11238
Se 196.026	6.2743	ppb	25.3693	404.3	0.8260	6.27427
Sn 189.925	-0.0925	ppb	6.5727	7106.4	-1.7819	-0.09249
Sr 216.596	-0.6082	ppb	0.9423	154.9	74.9277	-0.60820
Ti 334.941	0.2702	ppb	0.0490	18.1	443.136	0.27018
Tl 190.794	-6.2454	ppb	3.4559	55.3	-21.0437	-6.24544
V 292.401	0.5118	ppb	0.1092	21.3	43.3322	0.51181
Zn 206.200	-3.8592	ppb	1.5148	39.3	9.6687	-3.85917

Interf Check AB (ICSAB) **2/18/2013, 1:34:50 PM** **Rack S, Tube 6**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	213.564	ppb	1.3831	0.6	5586.07	106.78181
Al 308.215	531105	ppb	960.820	0.2	1805234	106.22104
As 188.980	116.067	ppb	2.1105	1.8	28.2871	116.06747
B 249.678	7.5198	ppb	0.3796	5.0	-204.790	-
Ba 389.178	507.002	ppb	0.7430	0.1	7905.72	101.40041
Be 313.042	493.000	ppb	0.5080	0.1	654925	98.59995
Ca 370.602	491649	ppb	602.6	0.1	1533607	98.32985
Cd 226.502	963.771	ppb	1.1728	0.1	19066.0	96.37710
Co 228.615	473.938	ppb	0.9810	0.2	3350.74	94.78758
Cr 267.716	493.955	ppb	0.9969	0.2	6689.90	98.79095
Cu 324.754	543.862	ppb	1.6622	0.3	13548.8	108.77244
Fe 271.441	190336	ppb	147.224	0.1	114116	95.16798
K 766.491	1.2305	ppb	0.3863	31.4	2211.28	-
Mg 279.078	538793	ppb	668.849	0.1	519342	107.75862
Mn 257.610	508.836	ppb	0.3970	0.1	42742.0	101.76714
Mo 202.032	1116.37	ppb	4.4161	0.4	3073.42	111.63712
Na 330.237	191.197	ppb	49.7259	26.0	-42.1178	-
Ni 231.604	952.977	ppb	7.3239	0.8	2299.69	95.29765
Pb 220.353	45.0507	ppb	1.8386	4.1	-19.9249	90.10149
Sb 206.834	619.259	ppb	2.5641	0.4	334.557	103.20987
Se 196.026	55.0411	ppb	21.1208	38.4	12.6783	110.08218
Sn 189.925	1036.60	ppb	7.6177	0.7	509.881	103.65962
Sr 216.596	-1.0102	ppb	0.7662	75.8	27.6775	-
Ti 334.941	0.1442	ppb	0.0525	36.4	447.975	-
Tl 190.794	94.2779	ppb	7.5101	8.0	19.1199	94.27789
V 292.401	498.142	ppb	0.6664	0.1	11123.6	99.62836
Zn 206.200	945.762	ppb	2.0465	0.2	2319.16	94.57623

Cont Calib Verif (CCV) **2/18/2013, 1:40:58 PM** **Rack 1, Tube 1**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	491.771	ppb	2.3841	0.5	12968.8	98.35427
Al 308.215	4995.05	ppb	36.4520	0.7	17603.7	99.90106
As 188.980	497.918	ppb	6.1505	1.2	154.585	99.58354
B 249.678	2462.41	ppb	15.8046	0.6	18244.6	98.49635
Ba 389.178	5048.94	ppb	32.0530	0.6	68958.2	100.97870
Be 313.042	499.973	ppb	3.1987	0.6	666407	99.99460
Ca 370.602	5094	ppb	29.25	0.6	15563	101.88603
Cd 226.502	501.401	ppb	2.1206	0.4	9719.19	100.28030

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Co 228.615	500.087	ppb	2.7327	0.5	3553.76	100.01740
Cr 267.716	5044.58	ppb	26.1480	0.5	69167.3	100.89164
Cu 324.754	4978.63	ppb	20.9183	0.4	131471	99.57256
Fe 271.441	4961.98	ppb	24.9764	0.5	3009.51	99.23965
K 766.491	10142.8	ppb	71.1324	0.7	1130592	101.42757
Mg 279.078	5000.87	ppb	28.8127	0.6	4826.76	100.01734
Mn 257.610	5168.76	ppb	34.7676	0.7	430261	103.37514
Mo 202.032	512.905	ppb	3.2494	0.6	1412.00	102.58095
Na 330.237	7391.65	ppb	78.7937	1.1	417.465	98.55534
Ni 231.604	2518.05	ppb	16.9707	0.7	6009.55	100.72218
Pb 220.353	489.053	ppb	2.1441	0.4	349.065	97.81054
Sb 206.834	491.499	ppb	16.2297	3.3	284.263	98.29985
Se 196.026	5137.84	ppb	35.8127	0.7	1242.64	102.75687
Sn 189.925	4978.85	ppb	39.7779	0.8	2457.16	99.57707
Sr 216.596	2451.53	ppb	14.2319	0.6	12223.4	98.06110
Ti 334.941	500.874	ppb	2.9445	0.6	82953.9	100.17475
Tl 190.794	5153.86	ppb	21.1875	0.4	2061.54	103.07714
V 292.401	4968.51	ppb	37.6954	0.8	112631	99.37011
Zn 206.200	2541.48	ppb	14.3442	0.6	6170.59	101.65921

Cont Calib Blank (CCB) **2/18/2013, 1:47:05 PM** **Rack 1, Tube 2**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.1869	ppb	0.3625	194.0	-33.7121	-0.18689
Al 308.215	-0.7730	ppb	2.9856	386.2	317.188	-0.77301
As 188.980	-1.9107	ppb	3.5603	186.3	-1.5555	-1.91072
B 249.678	8.2966	ppb	0.3000	3.6	137.448	8.29659
Ba 389.178	0.0274	ppb	0.2592	945.4	-32.5325	0.02741
Be 313.042	-0.0101	ppb	0.0023	22.6	-5.7968	-0.01006
Ca 370.602	1.810	ppb	2.519	139.2	-82.92	1.80985
Cd 226.502	0.1076	ppb	0.1606	149.3	14.9780	0.10759
Co 228.615	-0.3898	ppb	0.3600	92.4	-13.9704	-0.38982
Cr 267.716	0.0899	ppb	0.0795	88.4	7.0281	0.08991
Cu 324.754	0.4242	ppb	0.3446	81.2	76.7759	0.42417
Fe 271.441	-1.4444	ppb	3.0842	213.5	-15.1174	-1.44441
K 766.491	-0.3985	ppb	0.1230	30.9	2171.34	-0.39846
Mg 279.078	1.8705	ppb	3.6934	197.5	24.9839	1.87051
Mn 257.610	-0.0761	ppb	0.0468	61.5	-1.5716	-0.07609
Mo 202.032	0.9980	ppb	1.5925	159.6	4.5754	0.99797
Na 330.237	-35.6360	ppb	119.105	334.2	0.4056	-35.63597
Ni 231.604	0.0722	ppb	1.7800	2464.4	0.6644	0.07223
Pb 220.353	-2.7903	ppb	2.9263	104.9	0.5890	-2.79030
Sb 206.834	-1.2306	ppb	6.8460	556.3	0.3303	-1.23060
Se 196.026	-7.4509	ppb	4.5762	61.4	-0.8946	-7.45093
Sn 189.925	-1.2750	ppb	1.6330	128.1	-0.9216	-1.27502
Sr 216.596	0.1494	ppb	0.6957	465.6	-5.6456	0.14940
Ti 334.941	0.0433	ppb	0.0729	168.2	-40.0356	0.04332
Tl 190.794	-2.7632	ppb	4.6102	166.8	-2.3269	-2.76315
V 292.401	0.2059	ppb	0.3356	163.0	2.9204	0.20592
Zn 206.200	-0.6782	ppb	0.3136	46.2	-0.5917	-0.67818

mb 680-266336/1-a (Samp) **2/18/2013, 1:53:13 PM** **Rack 1, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.1147	ppb	0.1750	152.5	-25.7419
Al 308.215	13.4051	ppb	4.0546	30.2	365.343
As 188.980	5.0319	ppb	6.5477	130.1	0.6052
B 249.678	3.7432	ppb	0.3821	10.2	103.843
Ba 389.178	0.7674	ppb	0.1362	17.8	-22.4157
Be 313.042	-0.0013	ppb	0.0064	485.5	5.8321
Ca 370.602	20.96	ppb	4.068	19.4	-23.05
Cd 226.502	0.0533	ppb	0.1963	368.0	13.9429
Co 228.615	0.0327	ppb	0.0875	267.7	-10.9472
Cr 267.716	0.1485	ppb	0.2343	157.8	7.8293
Cu 324.754	0.5482	ppb	0.1206	22.0	80.0098
Fe 271.441	-6.1577	ppb	6.1786	100.3	-17.9361
K 766.491	1.4615	ppb	0.4788	32.8	2378.31
Mg 279.078	0.9575	ppb	3.6757	383.9	24.0837
Mn 257.610	0.3448	ppb	0.1401	40.6	33.4727
Mo 202.032	-0.2787	ppb	1.6872	605.4	1.0454
Na 330.237	-65.1243	ppb	102.303	157.1	-1.2551
Ni 231.604	-0.0270	ppb	0.5520	2046.3	0.4304
Pb 220.353	-3.4962	ppb	1.1573	33.1	0.0812
Sb 206.834	-3.6326	ppb	5.7760	159.0	-0.9230
Se 196.026	-0.1070	ppb	5.5920	5226.8	0.8792
Sn 189.925	0.5566	ppb	3.5422	636.4	-0.0176
Sr 216.596	-0.4045	ppb	0.1199	29.6	-8.4096
Ti 334.941	0.1785	ppb	0.0359	20.1	-17.6746
Tl 190.794	0.2784	ppb	2.5962	932.4	-1.1119
V 292.401	0.0910	ppb	0.1173	128.8	0.4529
Zn 206.200	0.5235	ppb	1.1674	223.0	2.3325

lcs 680-266336/24-a (Samp) **2/18/2013, 1:59:20 PM** **Rack 1, Tube 4**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	204.352	ppb	1.1488	0.6	5375.85
Al 308.215	1996.91	ppb	2.2829	0.1	7120.91
As 188.980	219.002	ppb	9.1766	4.2	66.6921
B 249.678	384.262	ppb	1.7471	0.5	2877.56
Ba 389.178	191.649	ppb	0.7091	0.4	2637.14
Be 313.042	202.478	ppb	0.2060	0.1	268952
Ca 370.602	20111	ppb	24.02	0.1	60734
Cd 226.502	200.070	ppb	0.1826	0.1	3923.36
Co 228.615	199.133	ppb	0.4671	0.2	1407.14
Cr 267.716	202.433	ppb	0.3405	0.2	2773.56
Cu 324.754	202.436	ppb	1.0063	0.5	5378.29
Fe 271.441	20531.3	ppb	13.7504	0.1	12303.3
K 766.491	20297.6	ppb	4.0951	0.0	2262628
Mg 279.078	20203.3	ppb	18.1440	0.1	19455.6
Mn 257.610	2061.37	ppb	2.3349	0.1	171616
Mo 202.032	209.876	ppb	1.6803	0.8	579.629
Na 330.237	18652.5	ppb	66.8657	0.4	1045.21
Ni 231.604	204.582	ppb	0.7867	0.4	490.030
Pb 220.353	197.453	ppb	3.8070	1.9	143.658

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	203.783	ppb	7.6512	3.8	109.382
Se 196.026	198.968	ppb	11.1316	5.6	49.1304
Sn 189.925	208.233	ppb	2.2264	1.1	102.470
Sr 216.596	213.508	ppb	0.2293	0.1	1064.00
Ti 334.941	203.997	ppb	0.2723	0.1	33684.3
Tl 190.794	41.6248	ppb	5.5356	13.3	14.7032
V 292.401	203.947	ppb	0.3195	0.2	4588.32
Zn 206.200	190.254	ppb	0.5791	0.3	464.363

680-87465-a-1-b (Samp) **2/18/2013, 2:05:28 PM** **Rack 1, Tube 5**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2207b	ppb	0.2777	125.8	-34.6281
Al 308.215	31.6669b	ppb	2.0746	6.6	427.493
As 188.980	17.5371b	ppb	3.1694	18.1	4.4945
B 249.678	45.0266b	ppb	0.0360	0.1	408.559
Ba 389.178	0.3472b	ppb	0.3354	96.6	-26.2267
Be 313.042	0.0020b	ppb	0.0111	549.2	8.6549
Ca 370.602	590.3b	ppb	2.793	0.5	1786
Cd 226.502	0.1468b	ppb	0.1274	86.8	15.7736
Co 228.615	0.0406b	ppb	0.0952	234.5	-10.8951
Cr 267.716	7.8125b	ppb	0.3546	4.5	112.942
Cu 324.754	2.9898b	ppb	0.7561	25.3	143.552
Fe 271.441	9.6474b	ppb	6.2725	65.0	-8.4441
K 766.491	-xb	ppb	187.452	0.4	5919149
Mg 279.078	1243.02b	ppb	5.4410	0.4	1222.46
Mn 257.610	2.2183b	ppb	0.0812	3.7	190.048
Mo 202.032	0.7312b	ppb	0.7978	109.1	3.8359
Na 330.237	509.097b	ppb	116.320	22.8	31.1447
Ni 231.604	25.6131b	ppb	0.6425	2.5	61.6329
Pb 220.353	-1.4352b	ppb	1.3251	92.3	1.5540
Sb 206.834	4.8415b	ppb	2.5688	53.1	3.5149
Se 196.026	-22.3108b	ppb	15.0776	67.6	-4.4834
Sn 189.925	18.3110b	ppb	4.0121	21.9	8.7437
Sr 216.596	2.0252b	ppb	0.5555	27.4	3.0058
Ti 334.941	0.1191b	ppb	0.0715	60.0	-26.7485
Tl 190.794	9.3802b	ppb	1.1911	12.7	2.5170
V 292.401	0.7339b	ppb	0.1371	18.7	14.4785
Zn 206.200	57.2490b	ppb	0.0410	0.1	140.387

680-87447-b-2-d (Samp) **2/18/2013, 2:11:36 PM** **Rack 1, Tube 6**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	1.6826	ppb	1.2253	72.8	-32.5982
Al 308.215	96683.0	ppb	51.3638	0.1	328838
As 188.980	830.033	ppb	2.1190	0.3	243.408
B 249.678	77.0755	ppb	0.6665	0.9	-268.105
Ba 389.178	1737.31	ppb	1.3765	0.1	24261.1
Be 313.042	11.3401	ppb	0.0171	0.2	15297.9
Ca 370.602	152905	ppb	95.91	0.1	406455
Cd 226.502	6.9720	ppb	0.3063	4.4	1191.73

F02182013A.wvq. All Data Report 2/19/2013, 9:41:12 AM

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	77.7310	ppb	0.7997	1.0	574.450
Cr 267.716	380.161	ppb	0.7552	0.2	4989.70
Cu 324.754	1022.29	ppb	5.0357	0.5	26921.8
Fe 271.441	514744	ppb	344.186	0.1	308587
K 766.491	10797.4	ppb	14.2091	0.1	1204256
Mg 279.078	43087.8	ppb	114.166	0.3	40133.3
Mn 257.610	11086.9	ppb	26.0453	0.2	923219
Mo 202.032	52.1551	ppb	0.7038	1.3	92.2477
Na 330.237	911.423	ppb	14.6828	1.6	-105.235
Ni 231.604	297.925	ppb	1.1822	0.4	738.279
Pb 220.353	2610.18	ppb	4.7132	0.2	1863.60
Sb 206.834	27.4188	ppb	7.3461	26.8	28.2818
Se 196.026	-19.7006	ppb	35.6972	181.2	-6.3690
Sn 189.925	157.458	ppb	1.0727	0.7	77.4271
Sr 216.596	379.467	ppb	0.4482	0.1	2058.56
Ti 334.941	1945.95	ppb	1.5792	0.1	321626
Tl 190.794	-1.0294	ppb	5.3032	515.2	-25.1256
V 292.401	391.283	ppb	0.9698	0.2	8949.22
Zn 206.200	4870.65	ppb	7.5737	0.2	11863.6

680-87447-b-2-dSD^5 (Samp) **2/18/2013, 2:17:45 PM** **Rack 1, Tube 7**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.6522	ppb	0.3472	53.2	-21.5209
Al 308.215	19413.2	ppb	37.8072	0.2	66283.2
As 188.980	171.988	ppb	3.6205	2.1	49.6196
B 249.678	15.5296	ppb	0.0845	0.5	-2.1593
Ba 389.178	361.613	ppb	0.8175	0.2	5025.41
Be 313.042	2.3434	ppb	0.0046	0.2	3167.43
Ca 370.602	31613	ppb	56.71	0.2	83598
Cd 226.502	0.8705	ppb	0.2150	24.7	250.319
Co 228.615	15.7295	ppb	0.3728	2.4	107.508
Cr 267.716	79.8969	ppb	0.4276	0.5	1053.03
Cu 324.754	203.570	ppb	0.9889	0.5	5413.21
Fe 271.441	108709	ppb	247.727	0.2	65159.6
K 766.491	2067.56	ppb	4.0352	0.2	232384
Mg 279.078	9009.72	ppb	24.6118	0.3	8406.91
Mn 257.610	2394.47	ppb	6.0125	0.3	199392
Mo 202.032	10.5447	ppb	1.1300	10.7	19.5978
Na 330.237	134.777	ppb	191.364	142.0	-23.5127
Ni 231.604	64.4035	ppb	0.9381	1.5	159.848
Pb 220.353	553.617	ppb	9.4043	1.7	397.422
Sb 206.834	8.6389	ppb	3.1243	36.2	8.2311
Se 196.026	-7.1186	ppb	6.0849	85.5	-1.3375
Sn 189.925	34.8272	ppb	2.3952	6.9	16.8984
Sr 216.596	78.7624	ppb	0.9651	1.2	422.741
Ti 334.941	403.324	ppb	0.9883	0.2	66623.9
Tl 190.794	-3.8133	ppb	3.4167	89.6	-7.7015
V 292.401	81.4441	ppb	0.1986	0.2	1861.49
Zn 206.200	1052.63	ppb	3.1807	0.3	2564.70

680-87447-b-2-dPDS (Samp) **2/18/2013, 2:23:53 PM** **Rack 1, Tube 8**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.8798	ppb	0.2841	0.5	1294.96
Al 308.215	95987.6	ppb	210.996	0.2	326519
As 188.980	2948.24	ppb	19.9872	0.7	903.152
B 249.678	1046.79	ppb	1.7738	0.2	6919.79
Ba 389.178	3686.05	ppb	10.2803	0.3	50870.6
Be 313.042	60.2995	ppb	0.0835	0.1	80513.6
Ca 370.602	153298	ppb	287.0	0.2	410148
Cd 226.502	55.7537	ppb	0.2710	0.5	2104.57
Co 228.615	567.267	ppb	3.1737	0.6	4066.63
Cr 267.716	566.402	ppb	0.7774	0.1	7549.21
Cu 324.754	1243.74	ppb	4.9195	0.4	32758.1
Fe 271.441	500888	ppb	522.119	0.1	300302
K 766.491	16158.3	ppb	41.6890	0.3	1800826
Mg 279.078	46689.3	ppb	88.8931	0.2	43650.4
Mn 257.610	11228.2	ppb	21.4917	0.2	934976
Mo 202.032	571.390	ppb	0.1734	0.0	1528.67
Na 330.237	6149.17	ppb	176.006	2.9	188.784
Ni 231.604	781.528	ppb	2.6987	0.3	1891.81
Pb 220.353	3010.08	ppb	9.9939	0.3	2150.33
Sb 206.834	536.261	ppb	13.3396	2.5	291.274
Se 196.026	2091.92	ppb	16.2277	0.8	503.791
Sn 189.925	1129.39	ppb	5.5466	0.5	557.319
Sr 216.596	865.612	ppb	1.5544	0.2	4473.63
Ti 334.941	2883.72	ppb	6.1978	0.2	476575
Tl 190.794	2022.56	ppb	0.9266	0.0	784.776
V 292.401	876.802	ppb	1.9826	0.2	19887.2
Zn 206.200	5189.56	ppb	13.3714	0.3	12638.9

680-87447-b-2-e ms (Samp) **2/18/2013, 2:30:02 PM** **Rack 1, Tube 9**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	50.1968	ppb	0.5209	1.0	1292.79
Al 308.215	125711	ppb	350.466	0.3	427518
As 188.980	281.991	ppb	3.7009	1.3	78.5013
B 249.678	244.427	ppb	1.0839	0.4	1352.47
Ba 389.178	1986.32	ppb	4.2429	0.2	27471.7
Be 313.042	59.4415	ppb	0.1735	0.3	79189.7
Ca 370.602	174616	ppb	777.9	0.4	509283
Cd 226.502	57.1394	ppb	0.3431	0.6	1726.41
Co 228.615	135.681	ppb	0.7903	0.6	987.771
Cr 267.716	416.647	ppb	1.7433	0.4	5594.28
Cu 324.754	618.285	ppb	3.5394	0.6	16135.0
Fe 271.441	297916	ppb	905.275	0.3	178598
K 766.491	17784.0	ppb	45.0358	0.3	1982270
Mg 279.078	55857.9	ppb	170.654	0.3	53060.1
Mn 257.610	13635.7	ppb	52.4173	0.4	1135261
Mo 202.032	116.599	ppb	1.3260	1.1	293.520
Na 330.237	6032.22	ppb	173.542	2.9	246.149
Ni 231.604	237.851	ppb	2.0344	0.9	584.497
Pb 220.353	2632.80	ppb	5.4028	0.2	1878.96

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	45.5524	ppb	11.3824	25.0	32.6488
Se 196.026	99.3205	ppb	9.0803	9.1	24.6396
Sn 189.925	211.164	ppb	3.2529	1.5	103.907
Sr 216.596	522.933	ppb	0.8102	0.2	2713.41
Ti 334.941	2306.97	ppb	7.3769	0.3	381290
Tl 190.794	37.8985	ppb	7.7884	20.6	-0.1468
V 292.401	429.898	ppb	1.0904	0.3	9776.20
Zn 206.200	5289.42	ppb	13.7456	0.3	12878.6

680-87447-b-2-f msd (Samp) **2/18/2013, 2:36:12 PM** **Rack 1, Tube 10**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	28.2711	ppb	0.6606	2.3	716.813
Al 308.215	117811	ppb	211.429	0.2	400674
As 188.980	271.941	ppb	4.2518	1.6	76.6313
B 249.678	248.370	ppb	0.9428	0.4	1463.85
Ba 389.178	3391.39	ppb	7.4283	0.2	46628.7
Be 313.042	58.5487	ppb	0.1976	0.3	77990.4
Ca 370.602	220844	ppb	463.2	0.2	663472
Cd 226.502	57.4674	ppb	0.2900	0.5	1638.31
Co 228.615	105.311	ppb	0.2454	0.2	770.085
Cr 267.716	350.733	ppb	0.4979	0.1	4711.04
Cu 324.754	619.452	ppb	5.3690	0.9	16059.4
Fe 271.441	251292	ppb	742.210	0.3	150645
K 766.491	18203.9	ppb	19.6177	0.1	2028709
Mg 279.078	64210.2	ppb	184.244	0.3	61251.5
Mn 257.610	12472.8	ppb	24.0902	0.2	1038438
Mo 202.032	115.994	ppb	1.7950	1.5	296.744
Na 330.237	5951.12	ppb	66.0193	1.1	255.549
Ni 231.604	208.593	ppb	1.4869	0.7	512.641
Pb 220.353	2281.47	ppb	6.4234	0.3	1627.76
Sb 206.834	34.5966	ppb	5.4939	15.9	25.9606
Se 196.026	89.7555	ppb	13.6148	15.2	22.5308
Sn 189.925	139.308	ppb	2.7912	2.0	68.2737
Sr 216.596	837.537	ppb	1.0456	0.1	4281.66
Ti 334.941	2199.62	ppb	4.0047	0.2	363588
Tl 190.794	40.3366	ppb	6.8840	17.1	2.4502
V 292.401	383.188	ppb	1.3299	0.3	8710.67
Zn 206.200	4843.58	ppb	7.7910	0.2	11793.2

680-87447-b-6-b (Samp) **2/18/2013, 2:42:21 PM** **Rack 1, Tube 11**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.9257	ppb	0.7345	79.3	-5.3629
Al 308.215	88854.2	ppb	90.2042	0.1	302259
As 188.980	239.363	ppb	2.4046	1.0	64.7830
B 249.678	54.7751	ppb	1.0331	1.9	-85.2102
Ba 389.178	2031.30	ppb	0.9029	0.0	28109.1
Be 313.042	8.9550	ppb	0.0135	0.2	12136.9
Ca 370.602	132782	ppb	97.22	0.1	372884
Cd 226.502	13.2023	ppb	0.2904	2.2	917.973

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	101.171	ppb	1.3221	1.3	731.399
Cr 267.716	322.368	ppb	0.5768	0.2	4291.90
Cu 324.754	965.516	ppb	3.6156	0.4	25398.3
Fe 271.441	319455	ppb	257.686	0.1	191510
K 766.491	8378.53	ppb	7.1079	0.1	934813
Mg 279.078	57829.0	ppb	51.3518	0.1	54899.7
Mn 257.610	14943.2	ppb	33.1195	0.2	1244104
Mo 202.032	20.6815	ppb	1.2309	6.0	25.6992
Na 330.237	1001.14	ppb	47.7437	4.8	-37.8016
Ni 231.604	141.596	ppb	2.3464	1.7	356.031
Pb 220.353	2040.75	ppb	6.3817	0.3	1457.10
Sb 206.834	15.7255	ppb	5.1452	32.7	17.9298
Se 196.026	-3.7812	ppb	10.9032	288.4	-0.2261
Sn 189.925	93.8693	ppb	3.6191	3.9	45.9479
Sr 216.596	310.293	ppb	0.3219	0.1	1653.93
Ti 334.941	1317.30	ppb	2.0842	0.2	217737
Tl 190.794	3.7792	ppb	12.7686	337.9	-14.5750
V 292.401	407.930	ppb	0.4936	0.1	9293.54
Zn 206.200	4980.95	ppb	2.8577	0.1	12128.8

680-87447-b-7-b (Samp) **2/18/2013, 2:48:31 PM** **Rack 1, Tube 12**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.8641	ppb	0.5076	58.7	-15.0646
Al 308.215	150321	ppb	323.710	0.2	511145
As 188.980	206.544	ppb	7.3600	3.6	55.1498
B 249.678	123.019	ppb	0.5947	0.5	472.665
Ba 389.178	2324.62	ppb	5.8695	0.3	32080.4
Be 313.042	19.6986	ppb	0.0520	0.3	26408.9
Ca 370.602	248214	ppb	777.0	0.3	744696
Cd 226.502	9.6979	ppb	0.1558	1.6	791.499
Co 228.615	66.8606	ppb	0.3839	0.6	498.689
Cr 267.716	273.753	ppb	0.5866	0.2	3637.66
Cu 324.754	515.169	ppb	0.3641	0.1	13262.5
Fe 271.441	288508	ppb	467.089	0.2	172955
K 766.491	18784.6	ppb	43.0905	0.2	2093632
Mg 279.078	54795.9	ppb	147.748	0.3	52064.1
Mn 257.610	12057.8	ppb	26.7592	0.2	1003913
Mo 202.032	19.0369	ppb	1.4285	7.5	25.1491
Na 330.237	1747.47	ppb	133.624	7.6	7.0482
Ni 231.604	136.904	ppb	2.2769	1.7	343.235
Pb 220.353	2094.10	ppb	3.9244	0.2	1489.83
Sb 206.834	7.5142	ppb	2.9082	38.7	12.2247
Se 196.026	-8.2196	ppb	4.1361	50.3	-1.5174
Sn 189.925	130.309	ppb	8.8013	6.8	63.7722
Sr 216.596	657.214	ppb	2.1695	0.3	3392.63
Ti 334.941	2287.84	ppb	4.6807	0.2	378185
Tl 190.794	-5.6919	ppb	1.8364	32.3	-18.0552
V 292.401	357.996	ppb	0.9459	0.3	8166.99
Zn 206.200	4694.90	ppb	9.1559	0.2	11432.1

Cont Calib Verif (CCV) **2/18/2013, 2:54:40 PM** **Rack 1, Tube 13**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	489.765	ppb	1.3503	0.3	12915.8	97.95308
Al 308.215	4987.02	ppb	20.9477	0.4	17577.3	99.74039
As 188.980	497.919	ppb	2.6761	0.5	154.586	99.58371
B 249.678	2447.84	ppb	12.8975	0.5	18137.0	97.91355
Ba 389.178	5060.03	ppb	19.6991	0.4	69109.8	101.20058
Be 313.042	499.393	ppb	2.0649	0.4	665645	99.87870
Ca 370.602	5089	ppb	20.74	0.4	15542	101.77257
Cd 226.502	500.047	ppb	2.2237	0.4	9693.03	100.00941
Co 228.615	499.871	ppb	2.0637	0.4	3552.28	99.97429
Cr 267.716	5035.46	ppb	24.3346	0.5	69042.2	100.70929
Cu 324.754	4951.14	ppb	20.9028	0.4	130745	99.02284
Fe 271.441	4958.09	ppb	14.4765	0.3	3007.34	99.16179
K 766.491	10148.5	ppb	33.1149	0.3	1131224	101.48464
Mg 279.078	4997.90	ppb	11.7729	0.2	4823.82	99.95793
Mn 257.610	5184.61	ppb	22.3337	0.4	431581	103.69218
Mo 202.032	515.819	ppb	2.3463	0.5	1420.03	103.16374
Na 330.237	7489.91	ppb	120.335	1.6	422.988	99.86551
Ni 231.604	2520.85	ppb	10.2289	0.4	6016.20	100.83392
Pb 220.353	492.543	ppb	7.9454	1.6	351.569	98.50858
Sb 206.834	491.760	ppb	8.1275	1.7	284.448	98.35197
Se 196.026	5126.32	ppb	37.3550	0.7	1239.86	102.52633
Sn 189.925	4972.38	ppb	21.0355	0.4	2453.97	99.44769
Sr 216.596	2456.24	ppb	10.9244	0.4	12247.0	98.24979
Ti 334.941	502.325	ppb	1.6759	0.3	83194.0	100.46498
Tl 190.794	5141.93	ppb	15.9870	0.3	2056.79	102.83853
V 292.401	4985.73	ppb	17.0464	0.3	113023	99.71465
Zn 206.200	2547.18	ppb	5.7722	0.2	6184.44	101.88727

Cont Calib Blank (CCB) **2/18/2013, 3:00:47 PM** **Rack 1, Tube 14**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.3695	ppb	0.0556	15.0	-38.5400	-0.36952
Al 308.215	-2.6759	ppb	1.6410	61.3	310.721	-2.67595
As 188.980	2.8917	ppb	7.7480	267.9	-0.0606	2.89171
B 249.678	6.2310	ppb	0.8185	13.1	122.211	6.23098
Ba 389.178	0.1492	ppb	0.5139	344.5	-30.8699	0.14915
Be 313.042	-0.0165	ppb	0.0062	37.3	-14.2967	-0.01652
Ca 370.602	2.574	ppb	0.4593	17.8	-80.39	2.57434
Cd 226.502	0.0414	ppb	0.1861	450.0	13.6957	0.04135
Co 228.615	-0.3080	ppb	0.3212	104.3	-13.3817	-0.30798
Cr 267.716	0.1797	ppb	0.0927	51.6	8.2600	0.17975
Cu 324.754	0.2470	ppb	0.6302	255.1	72.0915	0.24702
Fe 271.441	-3.4775	ppb	6.3382	182.3	-16.3291	-3.47750
K 766.491	-0.4687	ppb	0.3247	69.3	2163.47	-0.46875
Mg 279.078	-4.6685	ppb	3.0835	66.0	18.6764	-4.66848
Mn 257.610	-0.0275	ppb	0.0677	246.3	2.4762	-0.02748
Mo 202.032	0.7256	ppb	0.3066	42.3	3.8224	0.72565
Na 330.237	5.3450	ppb	87.1216	1630.0	2.7127	5.34500
Ni 231.604	-0.2175	ppb	0.5702	262.2	-0.0265	-0.21749
Pb 220.353	-0.0305	ppb	1.6306	5351.5	2.5725	-0.03047

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sb 206.834	-0.8045	ppb	3.6090	448.6	0.5532	-0.80453
Se 196.026	-2.0730	ppb	1.6197	78.1	0.4043	-2.07301
Sn 189.925	-1.9237	ppb	2.5035	130.1	-1.2418	-1.92374
Sr 216.596	0.0456	ppb	0.5026	1102.8	-6.1528	0.04557
Ti 334.941	0.1394	ppb	0.0655	47.0	-24.1667	0.13935
Tl 190.794	-1.3742	ppb	4.6590	339.0	-1.7716	-1.37425
V 292.401	0.3112	ppb	0.1685	54.2	5.3688	0.31120
Zn 206.200	-0.2447	ppb	1.0680	436.4	0.4630	-0.24471

680-87447-b-12-b (Samp) **2/18/2013, 3:06:54 PM** **Rack 1, Tube 15**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	1.8923	ppb	0.4100	21.7	2.0713
Al 308.215	121766	ppb	311.023	0.3	414103
As 188.980	180.657	ppb	8.7799	4.9	46.2615
B 249.678	94.6548	ppb	1.1517	1.2	199.166
Ba 389.178	1885.24	ppb	5.2690	0.3	26165.7
Be 313.042	15.6178	ppb	0.0423	0.3	21005.1
Ca 370.602	303350	ppb	593.2	0.2	914418
Cd 226.502	11.9820	ppb	0.3507	2.9	906.922
Co 228.615	63.7838	ppb	0.4819	0.8	482.884
Cr 267.716	395.326	ppb	0.6970	0.2	5287.77
Cu 324.754	558.013	ppb	1.9660	0.4	14296.2
Fe 271.441	324781	ppb	732.673	0.2	194701
K 766.491	15519.4	ppb	39.6678	0.3	1730094
Mg 279.078	87907.2	ppb	214.411	0.2	83911.0
Mn 257.610	11460.6	ppb	35.3111	0.3	954245
Mo 202.032	36.2974	ppb	0.2578	0.7	68.7435
Na 330.237	1670.43	ppb	153.840	9.2	-10.0910
Ni 231.604	174.626	ppb	0.9421	0.5	436.043
Pb 220.353	2715.83	ppb	6.2579	0.2	1938.87
Sb 206.834	9.1495	ppb	5.4511	59.6	14.5140
Se 196.026	-8.0050	ppb	11.3236	141.5	-1.8704
Sn 189.925	167.534	ppb	2.5904	1.5	82.0808
Sr 216.596	640.295	ppb	2.0295	0.3	3319.07
Ti 334.941	2773.89	ppb	5.9662	0.2	458544
Tl 190.794	0.4847	ppb	4.1123	848.5	-17.1027
V 292.401	369.589	ppb	0.4441	0.1	8432.23
Zn 206.200	5374.89	ppb	13.9340	0.3	13088.1

680-87447-a-32-b (Samp) **2/18/2013, 3:13:01 PM** **Rack 1, Tube 16**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	1.4256	ppb	0.2258	15.8	3.9234
Al 308.215	109097	ppb	402.968	0.4	371052
As 188.980	171.698	ppb	8.7716	5.1	45.2185
B 249.678	81.0969	ppb	0.6516	0.8	213.947
Ba 389.178	1874.06	ppb	6.9139	0.4	25912.3
Be 313.042	12.5986	ppb	0.0429	0.3	16942.0
Ca 370.602	200922	ppb	1022	0.5	598769
Cd 226.502	12.6066	ppb	0.4065	3.2	787.862

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	66.2514	ppb	1.7105	2.6	493.131
Cr 267.716	300.224	ppb	1.5035	0.5	4014.14
Cu 324.754	505.136	ppb	3.1420	0.6	13083.0
Fe 271.441	260495	ppb	1148.58	0.4	156161
K 766.491	12562.4	ppb	39.2320	0.3	1400789
Mg 279.078	63191.6	ppb	62.2568	0.1	60245.0
Mn 257.610	11976.0	ppb	28.1765	0.2	997090
Mo 202.032	19.9752	ppb	0.8780	4.4	30.3727
Na 330.237	1395.95	ppb	75.8213	5.4	-3.3448
Ni 231.604	138.018	ppb	2.2270	1.6	344.719
Pb 220.353	2591.33	ppb	8.5028	0.3	1851.34
Sb 206.834	11.6171	ppb	6.6888	57.6	13.6013
Se 196.026	-0.8222	ppb	11.5469	1404.5	0.4977
Sn 189.925	134.878	ppb	5.7526	4.3	66.1564
Sr 216.596	460.587	ppb	1.3302	0.3	2393.43
Ti 334.941	2243.63	ppb	6.8730	0.3	370841
Tl 190.794	3.5841	ppb	8.0982	225.9	-12.3825
V 292.401	308.866	ppb	0.8955	0.3	7043.54
Zn 206.200	5110.43	ppb	6.3901	0.1	12442.9

680-87447-a-33-b (Samp) **2/18/2013, 3:21:53 PM** **Rack 1, Tube 17**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	4.4349	ppb	0.4720	10.6	60.9625
Al 308.215	115480	ppb	227.969	0.2	392732
As 188.980	339.329	ppb	5.8127	1.7	92.5173
B 249.678	80.3079	ppb	1.0132	1.3	-117.218
Ba 389.178	2330.83	ppb	6.2080	0.3	32262.2
Be 313.042	11.7955	ppb	0.0279	0.2	15943.9
Ca 370.602	90360	ppb	136.6	0.2	218729
Cd 226.502	17.5160	ppb	0.4350	2.5	1252.89
Co 228.615	96.2483	ppb	0.2091	0.2	704.251
Cr 267.716	399.855	ppb	1.3954	0.3	5295.12
Cu 324.754	1714.24	ppb	6.4604	0.4	45290.5
Fe 271.441	443419	ppb	1438.18	0.3	265828
K 766.491	11001.5	ppb	5.1864	0.0	1226854
Mg 279.078	19677.8	ppb	10.7850	0.1	17742.8
Mn 257.610	13637.8	ppb	33.0833	0.2	1135494
Mo 202.032	26.8312	ppb	2.4940	9.3	29.7944
Na 330.237	917.827	ppb	64.9320	7.1	-79.9977
Ni 231.604	179.474	ppb	2.7418	1.5	451.431
Pb 220.353	3118.84	ppb	8.4474	0.3	2227.96
Sb 206.834	29.8762	ppb	12.9022	43.2	27.5622
Se 196.026	-18.2470	ppb	12.9371	70.9	-4.9891
Sn 189.925	253.537	ppb	2.5037	1.0	124.997
Sr 216.596	427.251	ppb	2.7357	0.6	2277.74
Ti 334.941	1806.13	ppb	3.9587	0.2	298471
Tl 190.794	-4.6404	ppb	8.2201	177.1	-23.0114
V 292.401	492.259	ppb	0.5413	0.1	11232.0
Zn 206.200	6810.23	ppb	15.7503	0.2	16581.4

680-87447-a-34-b (Samp) **2/18/2013, 3:28:02 PM** **Rack 1, Tube 18**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	2.3382	ppb	0.5543	23.7	21.4557
Al 308.215	138831	ppb	116.688	0.1	472093
As 188.980	263.185	ppb	10.5301	4.0	70.5277
B 249.678	85.0237	ppb	1.6139	1.9	38.2463
Ba 389.178	2873.73	ppb	4.8502	0.2	39656.7
Be 313.042	15.4150	ppb	0.0141	0.1	20744.3
Ca 370.602	166408	ppb	196.1	0.1	471186
Cd 226.502	12.6267	ppb	0.2066	1.6	1022.94
Co 228.615	98.9960	ppb	0.5323	0.5	732.990
Cr 267.716	374.454	ppb	0.8737	0.2	4981.29
Cu 324.754	612.585	ppb	1.9623	0.3	16024.4
Fe 271.441	376386	ppb	596.174	0.2	225641
K 766.491	14346.8	ppb	20.4821	0.1	1599274
Mg 279.078	49477.6	ppb	294.292	0.6	46683.2
Mn 257.610	15465.7	ppb	8.4965	0.1	1287638
Mo 202.032	24.5899	ppb	0.1431	0.6	31.0763
Na 330.237	1704.73	ppb	80.5311	4.7	-21.2673
Ni 231.604	177.152	ppb	0.4063	0.2	443.425
Pb 220.353	2938.57	ppb	2.8442	0.1	2096.82
Sb 206.834	24.7449	ppb	9.9131	40.1	22.6784
Se 196.026	-4.6195	ppb	12.5319	271.3	-0.8175
Sn 189.925	275.039	ppb	5.5207	2.0	135.527
Sr 216.596	511.987	ppb	0.7552	0.1	2685.97
Ti 334.941	2603.66	ppb	2.4213	0.1	430304
Tl 190.794	4.9310	ppb	4.4205	89.6	-16.6052
V 292.401	445.370	ppb	1.1360	0.3	10159.1
Zn 206.200	6138.71	ppb	4.2873	0.1	14946.8

680-87447-a-35-b (Samp) **2/18/2013, 3:34:10 PM** **Rack 1, Tube 19**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	2.0500	ppb	0.2438	11.9	15.2688
Al 308.215	106273	ppb	184.785	0.2	361450
As 188.980	160.226	ppb	15.7901	9.9	40.4531
B 249.678	86.2307	ppb	0.8455	1.0	170.718
Ba 389.178	1877.04	ppb	3.8545	0.2	25974.5
Be 313.042	13.9249	ppb	0.0233	0.2	18700.4
Ca 370.602	220634	ppb	688.8	0.3	654388
Cd 226.502	12.4661	ppb	0.2467	2.0	876.829
Co 228.615	64.8009	ppb	0.5868	0.9	485.616
Cr 267.716	377.742	ppb	0.4428	0.1	5057.01
Cu 324.754	600.566	ppb	0.5105	0.1	15578.3
Fe 271.441	306075	ppb	616.365	0.2	183486
K 766.491	13685.2	ppb	35.2431	0.3	1525833
Mg 279.078	48254.8	ppb	88.4388	0.2	45704.0
Mn 257.610	12759.4	ppb	28.3837	0.2	1062317
Mo 202.032	38.2282	ppb	0.5119	1.3	76.0195
Na 330.237	2024.42	ppb	185.931	9.2	17.6900
Ni 231.604	213.266	ppb	2.7466	1.3	526.035
Pb 220.353	2612.56	ppb	8.8873	0.3	1866.36

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	22.1195	ppb	11.6791	52.8	20.6177
Se 196.026	-13.0511	ppb	9.4597	72.5	-2.7118
Sn 189.925	141.648	ppb	2.0079	1.4	69.4833
Sr 216.596	548.494	ppb	0.6130	0.1	2847.48
Ti 334.941	2434.45	ppb	3.5529	0.1	402389
Tl 190.794	1.0752	ppb	6.7092	624.0	-15.4620
V 292.401	298.237	ppb	0.5099	0.2	6802.44
Zn 206.200	5437.13	ppb	12.1794	0.2	13238.1

lb 680-265536/18-h (Samp) **2/18/2013, 3:40:19 PM** **Rack 1, Tube 20**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0086	ppb	0.3985	4638.5	-28.5466
Al 308.215	33.1118	ppb	0.1313	0.4	432.337
As 188.980	5.8234	ppb	0.8191	14.1	0.8494
B 249.678	0.0049	ppb	0.7524	15429.4	76.1129
Ba 389.178	0.8849	ppb	1.1715	132.4	-20.6896
Be 313.042	0.0053	ppb	0.0028	52.8	12.8667
Ca 370.602	194.6	ppb	2.805	1.4	516.8
Cd 226.502	0.2168	ppb	0.0488	22.5	17.1979
Co 228.615	-0.2565	ppb	0.5109	199.1	-13.0144
Cr 267.716	0.5233	ppb	0.5348	102.2	13.0530
Cu 324.754	0.4516	ppb	0.5213	115.4	77.1460
Fe 271.441	82.7956	ppb	3.5397	4.3	35.3992
K 766.491	47.3782	ppb	0.8822	1.9	7491.80
Mg 279.078	30.0867	ppb	3.0301	10.1	51.9621
Mn 257.610	4.7069	ppb	0.0776	1.6	396.595
Mo 202.032	-0.0865	ppb	0.3980	460.2	1.5684
Na 330.237	24422.4	ppb	361.782	1.5	1377.09
Ni 231.604	0.9724	ppb	1.0934	112.4	2.8197
Pb 220.353	-0.4065	ppb	3.4010	836.7	2.2973
Sb 206.834	0.1959	ppb	1.7890	913.1	1.0418
Se 196.026	-1.8283	ppb	8.7513	478.6	0.4635
Sn 189.925	24.4721	ppb	2.7477	11.2	11.7906
Sr 216.596	0.9581	ppb	0.3003	31.3	-1.5751
Ti 334.941	0.8004	ppb	0.0419	5.2	84.1962
Tl 190.794	1.0377	ppb	4.8760	469.9	-0.8137
V 292.401	0.3421	ppb	0.0410	12.0	5.8664
Zn 206.200	10.0612	ppb	0.5999	6.0	25.5424

460-50299-d-6-d (Samp) **2/18/2013, 3:46:29 PM** **Rack 1, Tube 21**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.4876	ppb	0.4362	89.4	-15.9093
Al 308.215	44.2133	ppb	1.4617	3.3	470.071
As 188.980	1.9266	ppb	3.6272	188.3	-0.3643
B 249.678	-1.5052	ppb	0.3016	20.0	64.8951
Ba 389.178	1.1940	ppb	0.6795	56.9	-16.4134
Be 313.042	-0.0151	ppb	0.0048	31.9	-12.4755
Ca 370.602	172.5	ppb	1.900	1.1	440.4
Cd 226.502	0.1743	ppb	0.1586	91.0	16.5213

F02182013A.wvq. All Data Report 2/19/2013, 9:41:12 AM

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	-0.2438	ppb	0.4064	166.7	-12.9262
Cr 267.716	3.2208	ppb	0.1872	5.8	49.9189
Cu 324.754	6.1348	ppb	0.5010	8.2	227.280
Fe 271.441	125.731	ppb	1.6684	1.3	61.1368
K 766.491	27.0937	ppb	0.3528	1.3	5232.74
Mg 279.078	35.8081	ppb	4.8823	13.6	57.3715
Mn 257.610	3.5416	ppb	0.1133	3.2	299.666
Mo 202.032	0.3517	ppb	1.3257	376.9	2.7757
Na 330.237	718.371	ppb	70.2169	9.8	42.8190
Ni 231.604	2.2344	ppb	0.3543	15.9	5.8299
Pb 220.353	3.3109	ppb	1.3543	40.9	4.9648
Sb 206.834	2.4101	ppb	4.5541	189.0	2.1959
Se 196.026	3.6502	ppb	6.9123	189.4	1.7862
Sn 189.925	37.7894	ppb	4.7072	12.5	18.3589
Sr 216.596	1.2965	ppb	1.1012	84.9	0.0892
Ti 334.941	1.0133	ppb	0.0271	2.7	120.467
Tl 190.794	-1.1269	ppb	4.9283	437.3	-1.6799
V 292.401	0.4110	ppb	0.2265	55.1	7.4089
Zn 206.200	9.8118	ppb	0.3755	3.8	24.9289

lb 680-266145/3-c (Samp) **2/18/2013, 3:52:38 PM** **Rack 1, Tube 22**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.2098	ppb	0.0563	26.8	-23.2350
Al 308.215	15.5912	ppb	1.4052	9.0	372.796
As 188.980	-0.5932	ppb	5.2753	889.3	-1.1468
B 249.678	7.0050	ppb	0.2393	3.4	127.842
Ba 389.178	0.3463	ppb	0.7542	217.8	-28.0847
Be 313.042	-0.0070	ppb	0.0082	116.0	-3.7595
Ca 370.602	149.4	ppb	2.466	1.6	379.7
Cd 226.502	0.1965	ppb	0.1884	95.9	16.7155
Co 228.615	-0.4115	ppb	0.0571	13.9	-14.1224
Cr 267.716	0.8810	ppb	0.3789	43.0	17.9881
Cu 324.754	5.3487	ppb	0.8673	16.2	206.543
Fe 271.441	42.5862	ppb	8.9019	20.9	11.2848
K 766.491	40.0275	ppb	0.2981	0.7	6673.30
Mg 279.078	23.2251	ppb	6.3447	27.3	45.4603
Mn 257.610	2.0023	ppb	0.0515	2.6	171.435
Mo 202.032	-0.0267	ppb	0.7228	2708.9	1.7379
Na 330.237	26899.3	ppb	139.616	0.5	1516.52
Ni 231.604	2.1607	ppb	0.1362	6.3	5.6491
Pb 220.353	-2.5063	ppb	1.3927	55.6	0.7906
Sb 206.834	-0.1555	ppb	3.1008	1993.5	0.8571
Se 196.026	-3.0187	ppb	6.7904	224.9	0.1759
Sn 189.925	25.6731	ppb	1.3264	5.2	12.3840
Sr 216.596	0.2788	ppb	0.6830	245.0	-5.0418
Ti 334.941	0.4904	ppb	0.0130	2.6	32.8210
Tl 190.794	-2.6260	ppb	4.1179	156.8	-2.2748
V 292.401	0.3027	ppb	0.1154	38.1	4.9556
Zn 206.200	6.5119	ppb	0.1589	2.4	16.9046

680-87328-a-1-c (Samp) **2/18/2013, 3:58:48 PM** **Rack 1, Tube 23**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1251b	ppb	0.8201	655.4	-33.3186
Al 308.215	23.5688b	ppb	2.0504	8.7	403.803
As 188.980	2.6221b	ppb	1.8244	69.6	-0.4672
B 249.678	475.839b	ppb	3.5963	0.8	3587.02
Ba 389.178	0.2766b	ppb	0.8349	301.8	-27.8653
Be 313.042	0.0260b	ppb	0.0082	31.7	20.3455
Ca 370.602	572.2b	ppb	1.644	0.3	1723
Cd 226.502	2.8644b	ppb	0.2295	8.0	68.3421
Co 228.615	0.6440b	ppb	0.5105	79.3	-8.6147
Cr 267.716	5.7205b	ppb	0.2106	3.7	84.4007
Cu 324.754	2186.99b	ppb	15.6238	0.7	57825.3
Fe 271.441	53.6735b	ppb	2.9158	5.4	18.0871
K 766.491	-xb	ppb	1248.54	0.5	28475678
Mg 279.078	396.665b	ppb	5.5970	1.4	405.754
Mn 257.610	3.5371b	ppb	0.0308	0.9	299.376
Mo 202.032	146.862b	ppb	0.6661	0.5	407.848
Na 330.237	18742.5b	ppb	197.872	1.1	1057.45
Ni 231.604	2202.89b	ppb	4.1850	0.2	5255.28
Pb 220.353	-5.0227b	ppb	0.6958	13.9	-1.2028
Sb 206.834	12.3024b	ppb	2.8489	23.2	7.1537
Se 196.026	-5.9617b	ppb	13.6807	229.5	-0.5347
Sn 189.925	23.0291b	ppb	1.2339	5.4	11.0761
Sr 216.596	1.6565b	ppb	0.1030	6.2	-69.2568
Ti 334.941	0.5654b	ppb	0.0127	2.3	43.1827
Tl 190.794	5.8252b	ppb	3.0681	52.7	0.9681
V 292.401	1.0597b	ppb	0.1890	17.8	-5.4830
Zn 206.200	47.0689b	ppb	0.6105	1.3	115.595

mb 680-266336/25-a (Samp) **2/18/2013, 4:04:58 PM** **Rack 1, Tube 24**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.5474	ppb	0.0805	14.7	-14.3075
Al 308.215	-0.6899	ppb	2.5869	375.0	317.445
As 188.980	-1.5287	ppb	6.8870	450.5	-1.4368
B 249.678	-2.8627	ppb	0.7316	25.6	55.0981
Ba 389.178	0.1528	ppb	0.5045	330.2	-30.8183
Be 313.042	-0.0251	ppb	0.0070	27.7	-25.8103
Ca 370.602	3.125	ppb	1.207	38.6	-79.45
Cd 226.502	0.0547	ppb	0.1518	277.5	13.9646
Co 228.615	-0.1801	ppb	0.4806	266.8	-12.4673
Cr 267.716	0.2978	ppb	0.0681	22.9	9.8772
Cu 324.754	0.2208	ppb	0.4434	200.8	71.4062
Fe 271.441	10.2258	ppb	7.1089	69.5	-8.1104
K 766.491	3.6865	ppb	0.7272	19.7	2626.26
Mg 279.078	-6.3104	ppb	4.9987	79.2	17.0777
Mn 257.610	0.0704	ppb	0.0060	8.5	10.6222
Mo 202.032	-0.7659	ppb	0.1463	19.1	-0.3017
Na 330.237	-107.928	ppb	54.1688	50.2	-3.6611
Ni 231.604	0.6851	ppb	0.3796	55.4	2.1264
Pb 220.353	-3.2028	ppb	3.3748	105.4	0.2931

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	0.9391	ppb	0.8730	93.0	1.4687
Se 196.026	1.7157	ppb	6.8670	400.3	1.3194
Sn 189.925	-2.2129	ppb	2.6150	118.2	-1.3845
Sr 216.596	-0.1478	ppb	0.3739	253.0	-7.1441
Ti 334.941	-0.1217	ppb	0.0590	48.4	-67.2882
Tl 190.794	-3.0061	ppb	0.4887	16.3	-2.4232
V 292.401	0.0750	ppb	0.2753	366.8	0.0667
Zn 206.200	1.2162	ppb	0.4353	35.8	4.0174

Cont Calib Verif (CCV) **2/18/2013, 4:11:43 PM** **Rack 1, Tube 25**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	488.529	ppb	2.8191	0.6	12883.1	97.70573
Al 308.215	4971.05	ppb	20.0266	0.4	17522.3	99.42099
As 188.980	499.032	ppb	5.5027	1.1	154.931	99.80636
B 249.678	2437.69	ppb	12.9261	0.5	18062.1	97.50754
Ba 389.178	5047.15	ppb	15.6629	0.3	68933.8	100.94307
Be 313.042	497.796	ppb	2.2678	0.5	663517	99.55910
Ca 370.602	5072	ppb	11.01	0.2	15492	101.43674
Cd 226.502	497.439	ppb	1.5357	0.3	9642.55	99.48787
Co 228.615	498.117	ppb	1.1165	0.2	3539.76	99.62350
Cr 267.716	5017.13	ppb	16.9175	0.3	68790.8	100.34264
Cu 324.754	4907.35	ppb	49.6393	1.0	129589	98.14693
Fe 271.441	4936.55	ppb	15.1279	0.3	2994.29	98.73100
K 766.491	10112.5	ppb	35.5383	0.4	1127224	101.12515
Mg 279.078	4975.91	ppb	22.6320	0.5	4802.71	99.51824
Mn 257.610	5165.78	ppb	20.2141	0.4	430013	103.31563
Mo 202.032	516.557	ppb	1.9811	0.4	1422.09	103.31149
Na 330.237	7345.29	ppb	100.124	1.4	414.841	97.93718
Ni 231.604	2510.63	ppb	11.3150	0.5	5991.82	100.42519
Pb 220.353	490.302	ppb	2.2321	0.5	349.973	98.06032
Sb 206.834	484.165	ppb	4.3407	0.9	280.340	96.83299
Se 196.026	5088.78	ppb	40.8570	0.8	1230.79	101.77567
Sn 189.925	4971.00	ppb	29.8865	0.6	2453.29	99.41997
Sr 216.596	2451.00	ppb	7.5162	0.3	12221.0	98.03983
Ti 334.941	501.146	ppb	1.7259	0.3	82998.4	100.22913
Tl 190.794	5131.83	ppb	18.6138	0.4	2052.75	102.63657
V 292.401	4974.92	ppb	19.6547	0.4	112778	99.49831
Zn 206.200	2532.25	ppb	12.3840	0.5	6148.16	101.29008

Cont Calib Blank (CCB) **2/18/2013, 4:17:50 PM** **Rack 1, Tube 26**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	0.2168	ppb	0.4169	192.3	-23.0415	0.21682
Al 308.215	-3.5077	ppb	3.0312	86.4	307.911	-3.50769
As 188.980	-1.7196	ppb	5.5030	320.0	-1.4958	-1.71965
B 249.678	6.5905	ppb	0.0385	0.6	124.859	6.59047
Ba 389.178	-0.0449	ppb	0.5723	1275.3	-33.5153	-0.04488
Be 313.042	-0.0080	ppb	0.0080	100.6	-2.9702	-0.00796
Ca 370.602	2.677	ppb	5.396	201.6	-80.25	2.67698
Cd 226.502	0.0600	ppb	0.2274	379.2	14.0582	0.05998

F02182013A.wvq. All Data Report 2/19/2013, 9:41:12 AM

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Co 228.615	-0.2415	ppb	0.6149	254.6	-12.9182	-0.24150
Cr 267.716	0.4394	ppb	0.2143	48.8	11.8211	0.43939
Cu 324.754	0.1255	ppb	0.1253	99.8	68.8882	0.12555
Fe 271.441	3.2739	ppb	6.5990	201.6	-12.2782	3.27391
K 766.491	0.3967	ppb	0.1813	45.7	2259.91	0.39667
Mg 279.078	-2.3864	ppb	4.1507	173.9	20.8743	-2.38642
Mn 257.610	0.3363	ppb	0.2599	77.3	32.7579	0.33631
Mo 202.032	0.0825	ppb	0.5455	661.2	2.0441	0.08251
Na 330.237	-38.7558	ppb	73.5038	189.7	0.2303	-38.75577
Ni 231.604	0.0564	ppb	0.5657	1003.5	0.6277	0.05638
Pb 220.353	-1.9668	ppb	2.3752	120.8	1.1802	-1.96676
Sb 206.834	-0.6031	ppb	4.7436	786.5	0.6589	-0.60314
Se 196.026	-5.4211	ppb	1.7754	32.8	-0.4043	-5.42110
Sn 189.925	-1.1184	ppb	1.7371	155.3	-0.8443	-1.11840
Sr 216.596	0.1054	ppb	0.2428	230.3	-5.8684	0.10539
Ti 334.941	0.0273	ppb	0.0367	134.6	-42.6638	0.02728
Tl 190.794	0.3220	ppb	4.6330	1438.8	-1.0947	0.32200
V 292.401	0.3280	ppb	0.2913	88.8	5.6186	0.32799
Zn 206.200	-0.5254	ppb	0.3631	69.1	-0.2214	-0.52539

mb 680-266068/1-a (Samp) **2/18/2013, 4:25:43 PM** **Rack 1, Tube 27**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.4266	ppb	0.5816	136.3	-17.4935
Al 308.215	12.1678	ppb	2.1145	17.4	361.188
As 188.980	5.1267	ppb	4.3687	85.2	0.6334
B 249.678	1.0851	ppb	0.1421	13.1	84.1315
Ba 389.178	0.9923	ppb	0.5544	55.9	-19.2115
Be 313.042	0.4356	ppb	0.0132	3.0	586.133
Ca 370.602	87.85	ppb	0.6662	0.8	181.1
Cd 226.502	0.5550	ppb	0.2764	49.8	23.7559
Co 228.615	0.5064	ppb	0.3721	73.5	-7.5862
Cr 267.716	1.0826	ppb	0.1867	17.2	20.6174
Cu 324.754	1.0977	ppb	0.6484	59.1	94.4161
Fe 271.441	53.5251	ppb	5.8460	10.9	17.8750
K 766.491	58.6154	ppb	1.6396	2.8	8743.27
Mg 279.078	49.3677	ppb	6.8359	13.8	70.6282
Mn 257.610	4.9143	ppb	0.0736	1.5	413.900
Mo 202.032	0.3757	ppb	0.9725	258.8	2.8482
Na 330.237	-20.8108	ppb	38.7606	186.3	1.2253
Ni 231.604	0.7816	ppb	1.2282	157.1	2.3615
Pb 220.353	1.0953	ppb	0.8415	76.8	3.3777
Sb 206.834	-1.6304	ppb	3.0530	187.3	0.1070
Se 196.026	-4.5190	ppb	4.0064	88.7	-0.1862
Sn 189.925	13.3196	ppb	1.6081	12.1	6.2817
Sr 216.596	0.2026	ppb	0.1187	58.6	-5.3848
Ti 334.941	0.7757	ppb	0.0293	3.8	81.0757
Tl 190.794	-1.2420	ppb	2.7694	223.0	-1.7215
V 292.401	0.4691	ppb	0.0961	20.5	8.7754
Zn 206.200	5.2523	ppb	0.1168	2.2	13.8396

lcs 680-266068/2-a (Samp) **2/18/2013, 4:31:50 PM** **Rack 1, Tube 28**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	47.2617	ppb	2.4655	5.2	1221.05
Al 308.215	4768.85	ppb	112.237	2.4	16533.8
As 188.980	107.192	ppb	8.2089	7.7	32.2770
B 249.678	185.735	ppb	3.6818	2.0	1438.49
Ba 389.178	96.4952	ppb	2.6036	2.7	1297.93
Be 313.042	49.8362	ppb	1.1559	2.3	66223.7
Ca 370.602	4923	ppb	115.9	2.4	14837
Cd 226.502	48.8739	ppb	1.0360	2.1	968.014
Co 228.615	48.7701	ppb	2.0061	4.1	336.103
Cr 267.716	99.1077	ppb	2.3862	2.4	1362.86
Cu 324.754	99.5195	ppb	4.2936	4.3	2685.02
Fe 271.441	4804.55	ppb	117.130	2.4	2868.62
K 766.491	4963.36	ppb	87.1808	1.8	554942
Mg 279.078	4867.64	ppb	138.080	2.8	4705.43
Mn 257.610	506.169	ppb	11.8852	2.3	42144.3
Mo 202.032	101.288	ppb	2.8347	2.8	281.253
Na 330.237	4559.87	ppb	149.940	3.3	257.187
Ni 231.604	98.6477	ppb	3.5588	3.6	236.180
Pb 220.353	60.3873	ppb	2.8364	4.7	45.2760
Sb 206.834	46.7416	ppb	4.7027	10.1	25.9822
Se 196.026	102.218	ppb	7.6786	7.5	25.6367
Sn 189.925	93.1527	ppb	6.1204	6.6	45.6905
Sr 216.596	98.3706	ppb	3.1289	3.2	485.019
Ti 334.941	98.4467	ppb	2.3221	2.4	16227.3
Tl 190.794	40.8853	ppb	4.2131	10.3	14.9285
V 292.401	97.4526	ppb	2.0953	2.2	2191.25
Zn 206.200	108.041	ppb	3.0092	2.8	263.895

680-87381-a-1-a (Samp) **2/18/2013, 4:37:58 PM** **Rack 1, Tube 29**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	7.0488b	ppb	0.8904	12.6	135.668
Al 308.215	36259.8b	ppb	411.230	1.1	123542
As 188.980	-22.6627b	ppb	11.6672	51.5	-8.8571
B 249.678	107.807b	ppb	1.0715	1.0	821.812
Ba 389.178	9197.73b	ppb	101.361	1.1	125735
Be 313.042	0.2824b	ppb	0.0177	6.3	659.881
Ca 370.602	-xb	ppb	16525	1.2	4308032
Cd 226.502	74.1664b	ppb	0.8933	1.2	1523.93
Co 228.615	735.124b	ppb	9.2044	1.3	5288.43
Cr 267.716	1265.66b	ppb	14.6258	1.2	17351.3
Cu 324.754	295.064b	ppb	3.4546	1.2	5154.91
Fe 271.441	35571.7b	ppb	404.757	1.1	21337.3
K 766.491	6301.25b	ppb	67.3395	1.1	701806
Mg 279.078	74166.0b	ppb	788.349	1.1	71481.1
Mn 257.610	822.676b	ppb	9.3020	1.1	68590.2
Mo 202.032	12.3446b	ppb	1.8315	14.8	32.5608
Na 330.237	13801.7b	ppb	629.917	4.6	912.010
Ni 231.604	44.3465b	ppb	1.9798	4.5	110.032
Pb 220.353	-xb	ppb	3499.30	1.0	241417

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	79.0426b	ppb	5.5116	7.0	56.6559
Se 196.026	21.1852b	ppb	4.9416	23.3	5.8580
Sn 189.925	96.7540b	ppb	0.3608	0.4	44.2905
Sr 216.596	1834.43b	ppb	18.7763	1.0	9268.12
Ti 334.941	4595.69b	ppb	53.4880	1.2	760457
Tl 190.794	1.6204b	ppb	10.5003	648.0	-9.8719
V 292.401	32.0912b	ppb	0.2072	0.6	703.567
Zn 206.200	-xb	ppb	1150.48	0.9	297082

680-87381-a-2-a (Samp) **2/18/2013, 4:44:06 PM** **Rack 1, Tube 30**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	7.7247b	ppb	0.2359	3.1	139.643
Al 308.215	30140.0b	ppb	215.148	0.7	102746
As 188.980	-41.3764b	ppb	18.6345	45.0	-14.5244
B 249.678	168.437b	ppb	1.5809	0.9	1297.14
Ba 389.178	316.644b	ppb	2.6730	0.8	4455.71
Be 313.042	0.0695b	ppb	0.0107	15.4	451.344
Ca 370.602	-xb	ppb	7375	0.5	4578572
Cd 226.502	4.9081b	ppb	0.3455	7.0	167.782
Co 228.615	1621.31b	ppb	21.1180	1.3	11670.8
Cr 267.716	996.560b	ppb	8.1448	0.8	13668.6
Cu 324.754	143.292b	ppb	0.9971	0.7	948.503
Fe 271.441	28591.2b	ppb	187.950	0.7	17185.5
K 766.491	11388.2b	ppb	59.5809	0.5	1270399
Mg 279.078	87603.9b	ppb	534.898	0.6	84465.5
Mn 257.610	1176.90b	ppb	7.5913	0.6	98133.0
Mo 202.032	16.0735b	ppb	0.6351	4.0	43.5328
Na 330.237	2437.82b	ppb	68.9191	2.8	73.1923
Ni 231.604	36.4837b	ppb	4.2129	11.5	90.7398
Pb 220.353	13184.4b	ppb	82.4478	0.6	9471.92
Sb 206.834	-6.4785b	ppb	5.4911	84.8	2.9807
Se 196.026	31.0866b	ppb	11.1440	35.8	8.3676
Sn 189.925	32.6464b	ppb	3.9720	12.2	13.5658
Sr 216.596	910.758b	ppb	6.0261	0.7	4628.74
Ti 334.941	10549.4b	ppb	78.1188	0.7	1744186
Tl 190.794	-10.4593b	ppb	13.4352	128.5	-10.4377
V 292.401	28.5206b	ppb	0.1884	0.7	676.688
Zn 206.200	5003.65b	ppb	32.3937	0.6	12177.1

680-87381-a-3-a (Samp) **2/18/2013, 4:50:14 PM** **Rack 1, Tube 31**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.6722b	ppb	0.5045	75.0	-83.7682
Al 308.215	14718.7b	ppb	205.460	1.4	50343.6
As 188.980	-10.2132b	ppb	20.5645	201.4	-4.2947
B 249.678	374.566b	ppb	3.5466	0.9	2822.59
Ba 389.178	2316.83b	ppb	33.3627	1.4	31776.4
Be 313.042	0.1095b	ppb	0.0138	12.6	533.775
Ca 370.602	-xb	ppb	20518	1.4	4701487
Cd 226.502	524.962b	ppb	6.4976	1.2	10196.1

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	472.863b	ppb	7.3796	1.6	3491.95
Cr 267.716	1575.53b	ppb	21.4561	1.4	21614.3
Cu 324.754	58.0202b	ppb	0.8167	1.4	-1385.02
Fe 271.441	15008.9b	ppb	215.304	1.4	9000.24
K 766.491	5850.72b	ppb	75.3981	1.3	653241
Mg 279.078	97481.8b	ppb	1489.26	1.5	94034.8
Mn 257.610	936.204b	ppb	13.2973	1.4	78097.0
Mo 202.032	9.0872b	ppb	0.6304	6.9	25.4318
Na 330.237	3947.03b	ppb	344.713	8.7	220.283
Ni 231.604	18.0668b	ppb	2.3347	12.9	47.1261
Pb 220.353	13747.5b	ppb	187.006	1.4	9877.85
Sb 206.834	5.0276b	ppb	7.8086	155.3	11.9938
Se 196.026	30.6819b	ppb	20.4769	66.7	8.3454
Sn 189.925	705.427b	ppb	16.2824	2.3	345.546
Sr 216.596	1701.57b	ppb	21.2094	1.2	8599.25
Ti 334.941	10746.1b	ppb	140.112	1.3	1776754
Tl 190.794	-8.3725b	ppb	10.3378	123.5	-10.6302
V 292.401	66.6372b	ppb	1.3484	2.0	1516.68
Zn 206.200	-xb	ppb	638.193	1.4	114723

680-87381-a-4-a (Samp) **2/18/2013, 4:56:22 PM** **Rack 1, Tube 32**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.2024b	ppb	0.2472	122.1	-60.8420
Al 308.215	44627.2b	ppb	1694.41	3.8	151981
As 188.980	-34.0554b	ppb	9.5550	28.1	-12.2703
B 249.678	993.971b	ppb	39.2657	4.0	7364.20
Ba 389.178	1199.92b	ppb	47.3263	3.9	16503.2
Be 313.042	1.2896b	ppb	0.0666	5.2	2173.08
Ca 370.602	-xb	ppb	54735	3.1	5572930
Cd 226.502	1079.66b	ppb	41.7594	3.9	20962.4
Co 228.615	711.099b	ppb	21.3878	3.0	5170.04
Cr 267.716	1901.18b	ppb	73.0476	3.8	26069.6
Cu 324.754	66.3034b	ppb	2.1069	3.2	-1700.17
Fe 271.441	34033.7b	ppb	1321.10	3.9	20414.1
K 766.491	21147.7b	ppb	710.789	3.4	2357070
Mg 279.078	72785.9b	ppb	2657.58	3.7	70153.9
Mn 257.610	865.325b	ppb	32.2873	3.7	72183.6
Mo 202.032	6.6445b	ppb	1.2658	19.0	16.9998
Na 330.237	5741.63b	ppb	607.477	10.6	384.673
Ni 231.604	27.4073b	ppb	2.3427	8.5	69.4938
Pb 220.353	13330.8b	ppb	509.824	3.8	9575.11
Sb 206.834	9.9914b	ppb	6.0772	60.8	20.1658
Se 196.026	17.5454b	ppb	14.4617	82.4	5.0001
Sn 189.925	1495.75b	ppb	53.4212	3.6	734.506
Sr 216.596	2039.81b	ppb	76.3724	3.7	10314.5
Ti 334.941	9281.12b	ppb	349.309	3.8	1534951
Tl 190.794	-4.4728b	ppb	11.2131	250.7	-12.9071
V 292.401	73.1513b	ppb	2.9210	4.0	1641.58
Zn 206.200	-xb	ppb	3348.52	3.7	218632

680-87381-a-5-a (Samp) **2/18/2013, 5:02:31 PM** **Rack 1, Tube 33**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	16.1473b	ppb	1.0803	6.7	308.730
Al 308.215	7817.17b	ppb	123.849	1.6	26915.2
As 188.980	28.2360b	ppb	12.3317	43.7	10.5991
B 249.678	156.605b	ppb	1.6299	1.0	1198.71
Ba 389.178	1119.74b	ppb	16.4284	1.5	15364.7
Be 313.042	0.1970b	ppb	0.0132	6.7	489.126
Ca 370.602	-xb	ppb	14395	1.4	3268751
Cd 226.502	120.849b	ppb	2.0946	1.7	2414.91
Co 228.615	1177.52b	ppb	6.2309	0.5	8453.65
Cr 267.716	19231.7b	ppb	278.079	1.4	263766
Cu 324.754	341.617b	ppb	3.0830	0.9	7026.02
Fe 271.441	30552.2b	ppb	459.690	1.5	18320.4
K 766.491	5590.91b	ppb	78.5425	1.4	624587
Mg 279.078	26514.9b	ppb	479.661	1.8	25519.5
Mn 257.610	813.156b	ppb	12.7413	1.6	67775.4
Mo 202.032	18.3002b	ppb	1.2875	7.0	49.1812
Na 330.237	17832.8b	ppb	594.764	3.3	1267.90
Ni 231.604	18.7334b	ppb	1.3807	7.4	46.9628
Pb 220.353	-xb	ppb	5721.05	1.4	284471
Sb 206.834	1007.24b	ppb	9.4891	0.9	672.909
Se 196.026	10.0726b	ppb	10.7667	106.9	3.2161
Sn 189.925	62.6541b	ppb	11.1228	17.8	28.5704
Sr 216.596	1233.10b	ppb	18.0799	1.5	6234.04
Ti 334.941	5236.66b	ppb	82.1773	1.6	866885
Tl 190.794	4.1637b	ppb	16.3370	392.4	-4.6785
V 292.401	117.991b	ppb	1.6800	1.4	1790.20
Zn 206.200	-xb	ppb	3197.53	1.5	524471

680-87381-a-6-a (Samp) **2/18/2013, 5:08:40 PM** **Rack 1, Tube 34**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	9.0885b	ppb	0.7481	8.2	132.058
Al 308.215	24205.4b	ppb	691.125	2.9	82593.9
As 188.980	-46.4250b	ppb	7.5901	16.3	-13.9575
B 249.678	122.876b	ppb	4.4838	3.6	948.254
Ba 389.178	3133.69b	ppb	89.0501	2.8	42965.8
Be 313.042	0.1315b	ppb	0.0185	14.0	552.914
Ca 370.602	-xb	ppb	54409	3.4	5076161
Cd 226.502	48.4241b	ppb	1.1880	2.5	1019.46
Co 228.615	1395.93b	ppb	47.5912	3.4	10065.1
Cr 267.716	12991.4b	ppb	381.116	2.9	178180
Cu 324.754	127.555b	ppb	1.8137	1.4	226.801
Fe 271.441	33657.8b	ppb	1005.79	3.0	20198.6
K 766.491	3900.97b	ppb	99.6367	2.6	435913
Mg 279.078	94308.4b	ppb	2410.59	2.6	90920.4
Mn 257.610	1158.95b	ppb	31.6410	2.7	96640.5
Mo 202.032	12.1879b	ppb	0.6550	5.4	32.2327
Na 330.237	5971.49b	ppb	698.339	11.7	391.842
Ni 231.604	24.2478b	ppb	3.5451	14.6	62.1807
Pb 220.353	-xb	ppb	1938.29	2.8	50359.7

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	382.341b	ppb	15.6906	4.1	298.109
Se 196.026	24.7691b	ppb	11.6024	46.8	6.7966
Sn 189.925	101.428b	ppb	6.3664	6.3	46.9132
Sr 216.596	1359.30b	ppb	37.8813	2.8	6889.74
Ti 334.941	9890.72b	ppb	266.747	2.7	1636034
Tl 190.794	-4.4295b	ppb	5.2082	117.6	-10.1590
V 292.401	33.1721b	ppb	0.2981	0.9	199.559
Zn 206.200	-xb	ppb	2260.08	2.6	214981

680-87381-a-7-a (Samp) **2/18/2013, 5:14:49 PM** **Rack 1, Tube 35**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	8.2942b	ppb	0.6513	7.9	154.781
Al 308.215	31635.9b	ppb	792.451	2.5	107832
As 188.980	-39.1299b	ppb	9.0538	23.1	-13.3152
B 249.678	123.146b	ppb	3.5936	2.9	984.492
Ba 389.178	1676.92b	ppb	40.8065	2.4	22940.0
Be 313.042	0.1033b	ppb	0.0189	18.3	509.102
Ca 370.602	-xb	ppb	35588	2.4	4628346
Cd 226.502	635.352b	ppb	16.1424	2.5	12319.0
Co 228.615	843.518b	ppb	24.9740	3.0	6134.06
Cr 267.716	947.054b	ppb	25.2738	2.7	12997.0
Cu 324.754	47.5863b	ppb	3.1165	6.5	-1618.12
Fe 271.441	8874.06b	ppb	220.536	2.5	5336.56
K 766.491	5011.62b	ppb	81.1800	1.6	559944
Mg 279.078	39249.3b	ppb	903.963	2.3	37867.2
Mn 257.610	527.291b	ppb	12.4231	2.4	44028.0
Mo 202.032	4.3755b	ppb	1.1342	25.9	13.2776
Na 330.237	8060.71b	ppb	391.357	4.9	459.976
Ni 231.604	21.1577b	ppb	2.4290	11.5	52.1735
Pb 220.353	3929.66b	ppb	94.8789	2.4	2822.26
Sb 206.834	-16.8146b	ppb	4.6112	27.4	-4.7337
Se 196.026	13.4985b	ppb	3.4038	25.2	4.1786
Sn 189.925	771.009b	ppb	15.5842	2.0	378.025
Sr 216.596	1031.49b	ppb	24.0882	2.3	5230.36
Ti 334.941	10935.9b	ppb	264.952	2.4	1808062
Tl 190.794	-8.6839b	ppb	1.0203	11.7	-9.8416
V 292.401	34.6770b	ppb	0.7829	2.3	821.600
Zn 206.200	-xb	ppb	1240.26	2.4	127771

680-87381-a-8-a (Samp) **2/18/2013, 5:20:59 PM** **Rack 1, Tube 36**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	1.0394b	ppb	0.4943	47.6	-32.2890
Al 308.215	17429.3b	ppb	205.901	1.2	59553.0
As 188.980	-11.8215b	ppb	6.3022	53.3	-4.9410
B 249.678	526.211b	ppb	7.2294	1.4	3923.95
Ba 389.178	540.388b	ppb	5.2283	1.0	7419.93
Be 313.042	0.3234b	ppb	0.0175	5.4	719.609
Ca 370.602	-xb	ppb	14251	1.2	3678417
Cd 226.502	24.8919b	ppb	0.0954	0.4	554.818

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	906.195b	ppb	15.0487	1.7	6530.76
Cr 267.716	2882.94b	ppb	35.8196	1.2	39537.3
Cu 324.754	68.8662b	ppb	0.6765	1.0	-439.318
Fe 271.441	29325.8b	ppb	324.433	1.1	17597.0
K 766.491	-xb	ppb	1608.76	0.9	19336450
Mg 279.078	25343.4b	ppb	280.857	1.1	24391.7
Mn 257.610	1284.28b	ppb	14.6772	1.1	107005
Mo 202.032	9.5920b	ppb	0.5601	5.8	25.3991
Na 330.237	17257.1b	ppb	620.113	3.6	1213.84
Ni 231.604	16.8747b	ppb	0.9321	5.5	42.6372
Pb 220.353	-xb	ppb	671.576	1.1	43241.9
Sb 206.834	82.7885b	ppb	10.0280	12.1	66.4664
Se 196.026	1.3877b	ppb	36.0590	2598.5	1.2067
Sn 189.925	32.4871b	ppb	2.5222	7.8	13.5946
Sr 216.596	1395.18b	ppb	15.9527	1.1	7053.12
Ti 334.941	6769.32b	ppb	85.3667	1.3	1119490
Tl 190.794	-14.1484b	ppb	3.0048	21.2	-12.6380
V 292.401	36.8166b	ppb	0.2348	0.6	747.558
Zn 206.200	-xb	ppb	2478.40	1.2	502739

Cont Calib Verif (CCV) **2/18/2013, 5:27:07 PM** **Rack 1, Tube 37**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	490.395	ppb	22.7913	4.6	12932.4	98.07899
Al 308.215	4986.01	ppb	267.148	5.4	17573.5	99.72026
As 188.980	488.823	ppb	29.2243	6.0	151.753	97.76450
B 249.678	2452.51	ppb	122.519	5.0	18171.6	98.10056
Ba 389.178	5048.27	ppb	256.268	5.1	68949.1	100.96537
Be 313.042	499.310	ppb	25.7240	5.2	665530	99.86196
Ca 370.602	5118	ppb	233.7	4.6	15639	102.36633
Cd 226.502	496.941	ppb	26.3472	5.3	9632.92	99.38818
Co 228.615	498.524	ppb	24.5898	4.9	3542.66	99.70483
Cr 267.716	5012.29	ppb	263.557	5.3	68724.3	100.24574
Cu 324.754	4967.08	ppb	240.517	4.8	131166	99.34163
Fe 271.441	4943.24	ppb	257.188	5.2	2998.39	98.86489
K 766.491	10178.6	ppb	425.545	4.2	1134582	101.78593
Mg 279.078	5001.56	ppb	253.635	5.1	4827.43	100.03112
Mn 257.610	5169.15	ppb	262.113	5.1	430294	103.38309
Mo 202.032	519.115	ppb	26.1484	5.0	1429.16	103.82298
Na 330.237	7449.83	ppb	434.626	5.8	420.742	99.33108
Ni 231.604	2514.69	ppb	123.831	4.9	6001.51	100.58762
Pb 220.353	490.282	ppb	22.8637	4.7	349.955	98.05636
Sb 206.834	495.570	ppb	30.3823	6.1	286.353	99.11407
Se 196.026	5087.36	ppb	287.969	5.7	1230.45	101.74715
Sn 189.925	4960.35	ppb	253.812	5.1	2448.03	99.20695
Sr 216.596	2450.58	ppb	125.324	5.1	12218.7	98.02330
Ti 334.941	502.312	ppb	25.8838	5.2	83191.1	100.46234
Tl 190.794	5138.57	ppb	246.026	4.8	2055.44	102.77145
V 292.401	4980.30	ppb	249.621	5.0	112900	99.60606
Zn 206.200	2550.89	ppb	129.385	5.1	6193.52	102.03572

Cont Calib Blank (CCB) **2/18/2013, 5:33:14 PM** **Rack 1, Tube 38**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	0.1158	ppb	0.3353	289.7	-25.7139	0.11576
Al 308.215	-2.5727	ppb	3.7436	145.5	311.074	-2.57266
As 188.980	4.3045	ppb	10.6346	247.1	0.3789	4.30449
B 249.678	9.0802	ppb	2.7528	30.3	143.232	9.08018
Ba 389.178	0.0008	ppb	0.3420	45594.7	-32.8964	0.00075
Be 313.042	-0.0119	ppb	0.0168	141.4	-8.0786	-0.01188
Ca 370.602	1.508	ppb	3.007	199.3	-84.41	1.50829
Cd 226.502	0.1201	ppb	0.0576	47.9	15.2270	0.12014
Co 228.615	-0.3685	ppb	0.2790	75.7	-13.8114	-0.36852
Cr 267.716	0.3040	ppb	0.1488	48.9	9.9624	0.30401
Cu 324.754	0.6259	ppb	0.1803	28.8	82.0974	0.62590
Fe 271.441	2.6069	ppb	2.6971	103.5	-12.6796	2.60691
K 766.491	-0.4464	ppb	0.5205	116.6	2165.97	-0.44637
Mg 279.078	0.9607	ppb	2.0139	209.6	24.0959	0.96065
Mn 257.610	0.0602	ppb	0.0727	120.6	9.7783	0.06023
Mo 202.032	-0.6149	ppb	0.7521	122.3	0.1156	-0.61488
Na 330.237	175.481	ppb	59.7630	34.1	12.2895	175.48145
Ni 231.604	0.0473	ppb	0.3239	684.6	0.6044	0.04732
Pb 220.353	-1.4046	ppb	0.9217	65.6	1.5853	-1.40457
Sb 206.834	3.6605	ppb	2.9548	80.7	2.8848	3.66046
Se 196.026	-11.6621	ppb	5.2162	44.7	-1.9117	-11.66214Z
Sn 189.925	-0.6705	ppb	0.9573	142.8	-0.6232	-0.67055
Sr 216.596	0.0951	ppb	0.6496	683.4	-5.9089	0.09506
Ti 334.941	0.1465	ppb	0.0666	45.5	-22.9924	0.14650
Tl 190.794	-2.7100	ppb	5.0821	187.5	-2.3049	-2.71001
V 292.401	0.4120	ppb	0.0388	9.4	7.6826	0.41196
Zn 206.200	0.7158	ppb	0.3642	50.9	2.8003	0.71581

680-87381-a-9-a (Samp) **2/18/2013, 5:39:22 PM** **Rack 1, Tube 39**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	16.1055b	ppb	0.4362	2.7	363.296
Al 308.215	34532.9b	ppb	564.652	1.6	117676
As 188.980	-33.0003b	ppb	11.4522	34.7	-11.9258
B 249.678	291.438b	ppb	4.4267	1.5	2178.00
Ba 389.178	2882.01b	ppb	45.8789	1.6	39446.1
Be 313.042	0.1056b	ppb	0.0153	14.5	548.709
Ca 370.602	-xb	ppb	24986	1.6	5071792
Cd 226.502	236.914b	ppb	4.3224	1.8	4663.60
Co 228.615	556.360b	ppb	11.1141	2.0	4052.56
Cr 267.716	1695.14b	ppb	26.6431	1.6	23244.8
Cu 324.754	211.119b	ppb	3.1074	1.5	2443.33
Fe 271.441	33369.5b	ppb	492.372	1.5	20010.3
K 766.491	16311.8b	ppb	244.185	1.5	1818119
Mg 279.078	53815.1b	ppb	920.398	1.7	51852.3
Mn 257.610	552.887b	ppb	8.9353	1.6	46152.9
Mo 202.032	9.1663b	ppb	1.3694	14.9	23.9648
Na 330.237	13153.4b	ppb	514.580	3.9	740.603
Ni 231.604	29.8526b	ppb	1.1285	3.8	74.7493
Pb 220.353	9943.90b	ppb	152.160	1.5	7142.67

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	4.5816b	ppb	1.6272	35.5	18.4651
Se 196.026	9.6143b	ppb	22.0366	229.2	3.0379
Sn 189.925	147.010b	ppb	3.9334	2.7	69.0219
Sr 216.596	1145.06b	ppb	17.6675	1.5	5813.20
Ti 334.941	7887.99b	ppb	125.305	1.6	1304633
Tl 190.794	0.9600b	ppb	5.0675	527.9	-10.3536
V 292.401	50.2921b	ppb	0.8901	1.8	1121.27
Zn 206.200	-xb	ppb	695.811	1.7	97451.8

680-87381-a-10-a (Samp) **2/18/2013, 5:45:29 PM** **Rack 1, Tube 40**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	1.6883b	ppb	0.2467	14.6	-24.9868
Al 308.215	46424.2b	ppb	1635.25	3.5	158079
As 188.980	2.7484b	ppb	3.0369	110.5	-2.5723
B 249.678	175.493b	ppb	5.1763	2.9	1209.73
Ba 389.178	707.289b	ppb	21.5935	3.1	9815.92
Be 313.042	0.7914b	ppb	0.0391	4.9	1388.08
Ca 370.602	-xb	ppb	41027	3.2	4000469
Cd 226.502	277.214b	ppb	10.3067	3.7	5582.84
Co 228.615	1120.32b	ppb	39.6758	3.5	8061.67
Cr 267.716	2251.96b	ppb	78.4197	3.5	30849.1
Cu 324.754	245.095b	ppb	4.5397	1.9	4030.87
Fe 271.441	102214b	ppb	3581.72	3.5	61303.6
K 766.491	8132.04b	ppb	250.559	3.1	907677
Mg 279.078	56056.8b	ppb	1799.98	3.2	53820.0
Mn 257.610	1530.65b	ppb	53.1692	3.5	127575
Mo 202.032	15.8223b	ppb	2.7845	17.6	35.2280
Na 330.237	14705.8b	ppb	794.650	5.4	1061.00
Ni 231.604	59.7011b	ppb	4.9572	8.3	149.291
Pb 220.353	-xb	ppb	1030.36	3.5	20898.4
Sb 206.834	133.262b	ppb	2.1945	1.6	89.3568
Se 196.026	23.3803b	ppb	9.5227	40.7	5.9414
Sn 189.925	479.099b	ppb	9.2139	1.9	233.805
Sr 216.596	1371.69b	ppb	48.6402	3.5	6960.73
Ti 334.941	7195.25b	ppb	251.188	3.5	1189925
Tl 190.794	-11.6552b	ppb	4.5978	39.4	-15.4456
V 292.401	54.8636b	ppb	1.6933	3.1	1202.16
Zn 206.200	-xb	ppb	7024.92	3.2	529172

680-87381-a-11-a (Samp) **2/18/2013, 5:51:36 PM** **Rack 1, Tube 41**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	12.0659b	ppb	0.1396	1.2	251.111
Al 308.215	64948.3b	ppb	376.912	0.6	221037
As 188.980	-31.2617b	ppb	5.2518	16.8	-11.3852
B 249.678	91.4431b	ppb	1.0210	1.1	738.769
Ba 389.178	5646.54b	ppb	33.1556	0.6	77148.3
Be 313.042	0.1795b	ppb	0.0183	10.2	534.144
Ca 370.602	-xb	ppb	4580	0.4	3576878
Cd 226.502	349.562b	ppb	2.0377	0.6	6813.41

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	1127.90b	ppb	3.4883	0.3	8180.45
Cr 267.716	180.718b	ppb	1.2443	0.7	2483.28
Cu 324.754	35.2591b	ppb	1.2177	3.5	-1292.14
Fe 271.441	18313.5b	ppb	122.699	0.7	11007.3
K 766.491	5994.12b	ppb	28.5717	0.5	668434
Mg 279.078	29660.5b	ppb	162.099	0.5	28589.1
Mn 257.610	333.986b	ppb	1.8054	0.5	27950.0
Mo 202.032	5.3100b	ppb	0.1625	3.1	15.2262
Na 330.237	12051.3b	ppb	600.432	5.0	686.663
Ni 231.604	28.0099b	ppb	0.0724	0.3	68.5577
Pb 220.353	2434.84b	ppb	15.0263	0.6	1745.41
Sb 206.834	-4.0165b	ppb	8.6532	215.4	-7.4189
Se 196.026	4.9727b	ppb	26.3122	529.1	2.0067
Sn 189.925	441.070b	ppb	9.9376	2.3	216.467
Sr 216.596	898.485b	ppb	5.1774	0.6	4553.58
Ti 334.941	12413.4b	ppb	68.9781	0.6	2051855
Tl 190.794	-4.1549b	ppb	4.0577	97.7	-4.8564
V 292.401	33.0739b	ppb	0.1477	0.4	834.386
Zn 206.200	-xb	ppb	316.222	0.5	151912

680-87381-a-12-a (Samp) **2/18/2013, 5:57:44 PM** **Rack 1, Tube 42**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	1.2565b	ppb	0.5623	44.7	-49.8578
Al 308.215	25918.0b	ppb	730.103	2.8	88409.9
As 188.980	-16.9521b	ppb	2.9753	17.6	-5.4243
B 249.678	94.3331b	ppb	4.6210	4.9	761.433
Ba 389.178	1922.12b	ppb	51.6216	2.7	26288.3
Be 313.042	0.1628b	ppb	0.0226	13.9	591.240
Ca 370.602	-xb	ppb	37903	2.5	4735661
Cd 226.502	21.7581b	ppb	0.5498	2.5	464.514
Co 228.615	782.496b	ppb	15.7231	2.0	5687.72
Cr 267.716	6836.78b	ppb	184.002	2.7	93774.5
Cu 324.754	66.9658b	ppb	0.7817	1.2	-1167.07
Fe 271.441	14185.6b	ppb	409.493	2.9	8510.91
K 766.491	11068.6b	ppb	275.553	2.5	1234427
Mg 279.078	28641.3b	ppb	704.603	2.5	27617.1
Mn 257.610	614.487b	ppb	16.3934	2.7	51272.2
Mo 202.032	7.1306b	ppb	2.2457	31.5	20.2511
Na 330.237	6529.99b	ppb	465.919	7.1	483.207
Ni 231.604	15.1633b	ppb	0.3103	2.0	37.9043
Pb 220.353	-xb	ppb	2669.99	2.7	70513.4
Sb 206.834	52.4398b	ppb	10.6018	20.2	78.7985
Se 196.026	6.5888b	ppb	13.1252	199.2	2.4796
Sn 189.925	36.8927b	ppb	2.9291	7.9	15.3356
Sr 216.596	1667.64b	ppb	43.7099	2.6	8429.19
Ti 334.941	9645.22b	ppb	259.109	2.7	1595104
Tl 190.794	-3.6207b	ppb	4.1408	114.4	-9.0684
V 292.401	65.0713b	ppb	1.6788	2.6	1218.11
Zn 206.200	-xb	ppb	3098.03	2.5	306134

680-87381-a-13-a (Samp) **2/18/2013, 6:03:52 PM** **Rack 1, Tube 43**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.1821b	ppb	0.6342	348.2	-59.1994
Al 308.215	37181.0b	ppb	1143.36	3.1	126677
As 188.980	-18.8805b	ppb	3.3809	17.9	-7.1637
B 249.678	276.863b	ppb	8.3525	3.0	2105.84
Ba 389.178	2368.07b	ppb	71.7186	3.0	32462.3
Be 313.042	0.0800b	ppb	0.0125	15.7	536.947
Ca 370.602	-xb	ppb	46835	2.9	5104932
Cd 226.502	444.933b	ppb	14.5368	3.3	8642.21
Co 228.615	339.431b	ppb	11.2479	3.3	2544.53
Cr 267.716	575.591b	ppb	18.7957	3.3	7900.45
Cu 324.754	45.3293b	ppb	2.6340	5.8	-1973.42
Fe 271.441	11288.8b	ppb	343.731	3.0	6766.54
K 766.491	13353.3b	ppb	372.894	2.8	1488758
Mg 279.078	92299.0b	ppb	2933.97	3.2	89045.2
Mn 257.610	535.922b	ppb	16.6178	3.1	44775.8
Mo 202.032	10.3313b	ppb	0.7931	7.7	29.5051
Na 330.237	22193.8b	ppb	649.580	2.9	1515.00
Ni 231.604	13.7304b	ppb	0.7263	5.3	36.6646
Pb 220.353	4828.97b	ppb	143.104	3.0	3468.21
Sb 206.834	17.5758b	ppb	11.5279	65.6	11.7255
Se 196.026	30.7239b	ppb	9.0456	29.4	8.3202
Sn 189.925	581.844b	ppb	12.4484	2.1	284.227
Sr 216.596	2292.56b	ppb	70.6203	3.1	11572.2
Ti 334.941	11034.2b	ppb	341.667	3.1	1824414
Tl 190.794	-13.3439b	ppb	7.6007	57.0	-13.7097
V 292.401	65.9958b	ppb	2.5150	3.8	1552.49
Zn 206.200	-xb	ppb	6133.90	2.6	579427

680-87381-a-14-a (Samp) **2/18/2013, 6:10:01 PM** **Rack 1, Tube 44**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2127	ppb	0.3569	167.8	-40.0846
Al 308.215	17327.7	ppb	736.637	4.3	59206.2
As 188.980	2166.82	ppb	77.7609	3.6	673.458
B 249.678	63.1988	ppb	3.0334	4.8	539.144
Ba 389.178	80.5980	ppb	3.0980	3.8	1072.50
Be 313.042	0.0279	ppb	0.0159	56.9	46.5193
Ca 370.602	4434	ppb	183.6	4.1	13813
Cd 226.502	1.2075	ppb	0.1453	12.0	41.3072
Co 228.615	1.2631	ppb	0.3483	27.6	13.6029
Cr 267.716	592.431	ppb	25.6356	4.3	8131.49
Cu 324.754	1141.00	ppb	43.0218	3.8	30180.4
Fe 271.441	2021.11	ppb	83.5511	4.1	1196.83
K 766.491	28237.2	ppb	868.785	3.1	3146856
Mg 279.078	1064.54	ppb	40.5512	3.8	1044.15
Mn 257.610	322.295	ppb	13.5164	4.2	26845.6
Mo 202.032	0.1148	ppb	0.4224	367.9	2.1066
Na 330.237	5403.61	ppb	293.993	5.4	298.436
Ni 231.604	9.5371	ppb	0.3682	3.9	23.3832
Pb 220.353	23.7966	ppb	4.7232	19.8	17.5649

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	16.6564	ppb	3.1801	19.1	12.5407
Se 196.026	4.7221	ppb	5.8908	124.8	2.0821
Sn 189.925	20.1824	ppb	1.7914	8.9	9.9023
Sr 216.596	17.7027	ppb	1.0958	6.2	82.4785
Ti 334.941	1244.19	ppb	52.5907	4.2	205547
Tl 190.794	5.5582	ppb	3.8867	69.9	1.4091
V 292.401	3.7978	ppb	0.1541	4.1	64.9853
Zn 206.200	87.8050	ppb	3.3288	3.8	213.020

680-87381-a-15-a (Samp) **2/18/2013, 6:16:09 PM** **Rack 1, Tube 45**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0987	ppb	0.3901	395.4	-32.4408
Al 308.215	17132.8	ppb	180.258	1.1	58543.6
As 188.980	903.826	ppb	19.0820	2.1	280.270
B 249.678	82.9453	ppb	0.1803	0.2	683.885
Ba 389.178	189.012	ppb	1.8993	1.0	2560.45
Be 313.042	0.0218	ppb	0.0038	17.4	52.8925
Ca 370.602	53419	ppb	545.8	1.0	169438
Cd 226.502	5.3104	ppb	0.0477	0.9	122.590
Co 228.615	40.5577	ppb	1.1380	2.8	298.524
Cr 267.716	301.138	ppb	2.1640	0.7	4135.88
Cu 324.754	676.992	ppb	9.9840	1.5	17829.3
Fe 271.441	3004.06	ppb	26.1003	0.9	1788.01
K 766.491	29349.0	ppb	260.820	0.9	3270645
Mg 279.078	5572.41	ppb	70.3705	1.3	5391.13
Mn 257.610	158.405	ppb	1.5892	1.0	13210.3
Mo 202.032	1.2298	ppb	0.9432	76.7	5.0783
Na 330.237	5319.67	ppb	124.633	2.3	292.807
Ni 231.604	9.3935	ppb	0.6061	6.5	23.2020
Pb 220.353	1890.48	ppb	19.1817	1.0	1359.06
Sb 206.834	14.5886	ppb	3.5830	24.6	9.1293
Se 196.026	0.8587	ppb	8.8817	1034.3	1.1137
Sn 189.925	20.5155	ppb	3.7732	18.4	10.0003
Sr 216.596	142.397	ppb	2.0796	1.5	711.310
Ti 334.941	1654.34	ppb	17.5144	1.1	273343
Tl 190.794	-2.5057	ppb	3.4418	137.4	-1.9580
V 292.401	9.2246	ppb	0.2075	2.2	205.913
Zn 206.200	1442.06	ppb	14.0289	1.0	3509.56

680-87381-a-16-a (Samp) **2/18/2013, 6:22:18 PM** **Rack 1, Tube 46**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	11.5137b	ppb	0.2926	2.5	232.910
Al 308.215	47327.2b	ppb	1485.24	3.1	161156
As 188.980	-48.9115b	ppb	4.8799	10.0	-16.5566
B 249.678	99.7687b	ppb	3.9848	4.0	811.259
Ba 389.178	330.841b	ppb	10.3174	3.1	4560.80
Be 313.042	0.0980b	ppb	0.0142	14.5	567.451
Ca 370.602	-xb	ppb	51133	3.0	5480103
Cd 226.502	4.0832b	ppb	0.5697	14.0	120.227

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	1180.75b	ppb	40.0376	3.4	8565.81
Cr 267.716	741.979b	ppb	23.0870	3.1	10185.4
Cu 324.754	122.693b	ppb	0.5591	0.5	-177.358
Fe 271.441	12623.7b	ppb	376.421	3.0	7597.40
K 766.491	8578.16b	ppb	227.208	2.6	957450
Mg 279.078	40217.9b	ppb	1243.78	3.1	38791.1
Mn 257.610	480.806b	ppb	14.7892	3.1	40183.8
Mo 202.032	3.9592b	ppb	0.6750	17.0	11.8936
Na 330.237	1477.62b	ppb	195.980	13.3	5.8021
Ni 231.604	23.3802b	ppb	2.4062	10.3	57.4647
Pb 220.353	2381.29b	ppb	71.3010	3.0	1708.27
Sb 206.834	-18.2560b	ppb	7.5087	41.1	-6.7835
Se 196.026	19.1347b	ppb	5.1839	27.1	5.5003
Sn 189.925	26.1390b	ppb	4.2035	16.1	10.0392
Sr 216.596	1017.61b	ppb	30.6581	3.0	5171.50
Ti 334.941	13273.3b	ppb	397.055	3.0	2194470
Tl 190.794	-2.1445b	ppb	4.7335	220.7	-7.9299
V 292.401	38.0521b	ppb	1.3094	3.4	926.104
Zn 206.200	4052.87b	ppb	121.388	3.0	9862.58

680-87381-a-17-a (Samp) **2/18/2013, 6:28:28 PM** **Rack 1, Tube 47**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	15.4811b	ppb	0.4463	2.9	329.997
Al 308.215	73075.6b	ppb	3027.45	4.1	248642
As 188.980	-32.2785b	ppb	9.4262	29.2	-14.5139
B 249.678	96.1577b	ppb	2.4080	2.5	599.754
Ba 389.178	405.777b	ppb	16.4837	4.1	5705.79
Be 313.042	1.1826b	ppb	0.0665	5.6	1893.93
Ca 370.602	-xb	ppb	49165	3.9	3974687
Cd 226.502	21.9034b	ppb	1.5679	7.2	687.699
Co 228.615	1754.88b	ppb	65.9212	3.8	12638.3
Cr 267.716	111.930b	ppb	4.2343	3.8	1493.60
Cu 324.754	5804.50b	ppb	247.187	4.3	150832
Fe 271.441	122106b	ppb	4932.21	4.0	73255.5
K 766.491	18307.9b	ppb	659.580	3.6	2040997
Mg 279.078	51008.4b	ppb	2042.58	4.0	48891.2
Mn 257.610	2276.45b	ppb	91.7432	4.0	189706
Mo 202.032	7.8354b	ppb	1.5535	19.8	11.3384
Na 330.237	3523.68b	ppb	221.768	6.3	102.596
Ni 231.604	75.3778b	ppb	7.5371	10.0	187.005
Pb 220.353	415.619b	ppb	15.2856	3.7	292.749
Sb 206.834	-8.9506b	ppb	4.4780	50.0	-5.6853
Se 196.026	14.1946b	ppb	18.5273	130.5	3.6760
Sn 189.925	62.8254b	ppb	1.4468	2.3	29.2742
Sr 216.596	854.115b	ppb	36.0177	4.2	4362.61
Ti 334.941	11752.3b	ppb	487.264	4.1	1942735
Tl 190.794	-19.4305b	ppb	9.0622	46.6	-16.1919
V 292.401	30.5423b	ppb	1.1412	3.7	789.212
Zn 206.200	7645.78b	ppb	306.530	4.0	18610.1

680-87381-a-18-a (Samp) **2/18/2013, 6:34:37 PM** **Rack 1, Tube 48**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	7.1273b	ppb	0.1039	1.5	130.788
Al 308.215	76619.6b	ppb	1730.41	2.3	260700
As 188.980	86.5847b	ppb	6.0719	7.0	25.1172
B 249.678	69.0723b	ppb	1.6831	2.4	558.442
Ba 389.178	17735.8b	ppb	395.360	2.2	242285
Be 313.042	0.7342b	ppb	0.0267	3.6	1151.23
Ca 370.602	639279b	ppb	14127	2.2	2029668
Cd 226.502	163.995b	ppb	3.6097	2.2	3235.63
Co 228.615	734.834b	ppb	16.2378	2.2	5344.62
Cr 267.716	122.106b	ppb	2.6131	2.1	1674.56
Cu 324.754	390.018b	ppb	6.1079	1.6	9060.57
Fe 271.441	22946.2b	ppb	489.912	2.1	13770.2
K 766.491	5518.95b	ppb	111.896	2.0	612687
Mg 279.078	44894.2b	ppb	1003.36	2.2	43273.9
Mn 257.610	584.068b	ppb	12.8495	2.2	48743.8
Mo 202.032	7.1080b	ppb	0.9496	13.4	19.8073
Na 330.237	16442.3b	ppb	540.854	3.3	1217.14
Ni 231.604	34.1441b	ppb	1.7787	5.2	81.9764
Pb 220.353	-xb	ppb	2248.67	2.2	72923.5
Sb 206.834	33368.1b	ppb	735.404	2.2	17420.0
Se 196.026	5.2917b	ppb	19.2381	363.6	2.0854
Sn 189.925	111.639b	ppb	2.4709	2.2	54.6666
Sr 216.596	697.969b	ppb	14.4737	2.1	3530.00
Ti 334.941	9026.64b	ppb	205.622	2.3	1491888
Tl 190.794	-8.8678b	ppb	6.5620	74.0	-5.5433
V 292.401	54.0471b	ppb	1.4649	2.7	1289.99
Zn 206.200	-xb	ppb	4504.24	1.8	608988

Cont Calib Verif (CCV) **2/18/2013, 6:40:45 PM** **Rack 1, Tube 49**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	490.096	ppb	16.0425	3.3	12924.6	98.01917
Al 308.215	5088.46	ppb	149.884	2.9	17928.5	101.76915
As 188.980	497.269	ppb	20.4815	4.1	154.393	99.45377
B 249.678	2497.47	ppb	61.4957	2.5	18503.2	99.89889
Ba 389.178	5141.36	ppb	147.568	2.9	70221.3	102.82726
Be 313.042	509.553	ppb	14.0512	2.8	679188	101.91065
Ca 370.602	5189	ppb	142.3	2.7	15854	103.78537
Cd 226.502	506.259	ppb	14.1515	2.8	9813.32	101.25172
Co 228.615	507.197	ppb	15.8876	3.1	3604.52	101.43930
Cr 267.716	5107.36	ppb	143.445	2.8	70027.6	102.14711
Cu 324.754	4885.03	ppb	70.9997	1.5	128998	97.70055
Fe 271.441	5032.86	ppb	153.895	3.1	3053.14	100.65717
K 766.491	10309.2	ppb	195.282	1.9	1149099	103.09152
Mg 279.078	5119.23	ppb	142.701	2.8	4940.51	102.38454
Mn 257.610	5275.70	ppb	146.496	2.8	439163	105.51401
Mo 202.032	532.121	ppb	15.1134	2.8	1464.94	106.42428
Na 330.237	7600.72	ppb	258.438	3.4	429.193	101.34296
Ni 231.604	2576.31	ppb	91.6061	3.6	6148.54	103.05231
Pb 220.353	500.284	ppb	13.6752	2.7	357.039	100.05672

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sb 206.834	513.131	ppb	15.1139	2.9	296.029	102.62624
Se 196.026	5167.50	ppb	161.678	3.1	1249.82	103.34995
Sn 189.925	5060.05	ppb	310.375	6.1	2497.24	101.20103
Sr 216.596	2497.70	ppb	69.4233	2.8	12453.5	99.90800
Ti 334.941	514.826	ppb	18.3868	3.6	85264.2	102.96529
Tl 190.794	5239.95	ppb	132.201	2.5	2096.03	104.79910
V 292.401	5092.13	ppb	144.745	2.8	115436	101.84258
Zn 206.200	2600.18	ppb	76.2242	2.9	6313.13	104.00703

Cont Calib Blank (CCB) **2/18/2013, 6:46:53 PM** **Rack 1, Tube 50**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	0.3771	ppb	0.2394	63.5	-18.8047	0.37711
Al 308.215	1.7586	ppb	2.9802	169.5	325.795	1.75864
As 188.980	2.8159	ppb	3.2696	116.1	-0.0843	2.81592
B 249.678	8.7451	ppb	1.1176	12.8	140.770	8.74509
Ba 389.178	0.7253	ppb	0.9877	136.2	-23.0030	0.72531
Be 313.042	-0.0110	ppb	0.0085	76.6	-7.0884	-0.01103
Ca 370.602	-0.7086	ppb	1.833	258.7	-90.50	-0.70865
Cd 226.502	0.0967	ppb	0.1023	105.8	14.7621	0.09671
Co 228.615	-0.0317	ppb	0.2705	852.0	-11.4187	-0.03174
Cr 267.716	0.3316	ppb	0.2723	82.1	10.3438	0.33155
Cu 324.754	0.4276	ppb	0.0471	11.0	76.8728	0.42764
Fe 271.441	-5.0835	ppb	6.0873	119.7	-17.2830	-5.08354
K 766.491	0.1323	ppb	0.5521	417.3	2230.33	0.13232
Mg 279.078	2.0970	ppb	3.7919	180.8	25.2098	2.09703
Mn 257.610	0.0372	ppb	0.0275	74.1	7.8560	0.03717
Mo 202.032	0.3800	ppb	0.3225	84.9	2.8672	0.38000
Na 330.237	-1.0557	ppb	111.345	10546.7	2.3531	-1.05573
Ni 231.604	0.4827	ppb	0.5339	110.6	1.6438	0.48272
Pb 220.353	-1.4374	ppb	0.3724	25.9	1.5608	-1.43735
Sb 206.834	3.4341	ppb	1.1267	32.8	2.7641	3.43408
Se 196.026	5.9848	ppb	7.8322	130.9	2.3505	5.98480
Sn 189.925	0.0520	ppb	3.4926	6711.8	-0.2666	0.05204
Sr 216.596	-0.1440	ppb	0.3051	211.9	-7.1321	-0.14397
Ti 334.941	0.1655	ppb	0.1328	80.3	-19.8576	0.16547
Tl 190.794	-0.4104	ppb	6.7884	1654.2	-1.3866	-0.41037
V 292.401	0.2162	ppb	0.0131	6.0	3.1437	0.21621
Zn 206.200	-0.1082	ppb	0.8081	747.0	0.7952	-0.10818

680-87381-a-19-a (Samp) **2/18/2013, 6:53:00 PM** **Rack 1, Tube 51**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	4.1032b	ppb	0.2764	6.7	42.5827
Al 308.215	49315.1b	ppb	938.902	1.9	167930
As 188.980	71.4767b	ppb	5.7376	8.0	21.0833
B 249.678	62.6535b	ppb	0.9133	1.5	485.980
Ba 389.178	12629.9b	ppb	229.802	1.8	172578
Be 313.042	0.4496b	ppb	0.0134	3.0	690.594
Ca 370.602	531051b	ppb	9936	1.9	1683371
Cd 226.502	94.6371b	ppb	1.6436	1.7	1920.73

F02182013A.wvq. All Data Report 2/19/2013, 9:41:12 AM

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	935.307b	ppb	21.6872	2.3	6747.12
Cr 267.716	4645.56b	ppb	86.0324	1.9	63711.2
Cu 324.754	3301.95b	ppb	51.1906	1.6	86182.4
Fe 271.441	36560.2b	ppb	686.287	1.9	21933.6
K 766.491	3826.09b	ppb	57.8798	1.5	425351
Mg 279.078	46627.3b	ppb	929.966	2.0	44904.7
Mn 257.610	2605.20b	ppb	46.8806	1.8	216978
Mo 202.032	585.912b	ppb	12.0599	2.1	1618.33
Na 330.237	9934.66b	ppb	364.055	3.7	786.051
Ni 231.604	47.3271b	ppb	3.3566	7.1	114.632
Pb 220.353	-xb	ppb	2329.32	1.9	89735.3
Sb 206.834	23224.0b	ppb	487.203	2.1	12157.3
Se 196.026	22.5142b	ppb	21.6324	96.1	6.4661
Sn 189.925	125.103b	ppb	1.7716	1.4	61.3609
Sr 216.596	686.211b	ppb	13.1533	1.9	3460.11
Ti 334.941	7606.96b	ppb	145.398	1.9	1257434
Tl 190.794	-10.8763b	ppb	3.7740	34.7	-6.8416
V 292.401	58.6706b	ppb	0.7016	1.2	1056.02
Zn 206.200	-xb	ppb	3572.42	1.8	488803

680-86556-d-4-a (Samp) **2/18/2013, 6:59:07 PM** **Rack 1, Tube 52**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0037	ppb	0.3492	9334.0	-31.6614
Al 308.215	25714.1	ppb	652.163	2.5	87703.2
As 188.980	2.6918	ppb	2.6079	96.9	-0.7587
B 249.678	9.3022	ppb	0.5536	6.0	108.432
Ba 389.178	34.2256	ppb	1.4251	4.2	455.079
Be 313.042	0.0299	ppb	0.0140	47.0	52.1500
Ca 370.602	4140	ppb	79.23	1.9	9889
Cd 226.502	0.4329	ppb	0.1655	38.2	64.0824
Co 228.615	0.7452	ppb	0.2131	28.6	-5.5140
Cr 267.716	14.5760	ppb	0.1047	0.7	196.277
Cu 324.754	116.109	ppb	4.3384	3.7	3130.24
Fe 271.441	20400.4	ppb	536.636	2.6	12216.1
K 766.491	648.378	ppb	14.2966	2.2	74414.4
Mg 279.078	406.361	ppb	17.1519	4.2	357.500
Mn 257.610	102.278	ppb	2.5913	2.5	8530.62
Mo 202.032	8.3685	ppb	0.2767	3.3	23.0663
Na 330.237	560.046	ppb	127.093	22.7	28.1279
Ni 231.604	3.3824	ppb	0.6403	18.9	9.6068
Pb 220.353	42.3881	ppb	1.5636	3.7	30.3504
Sb 206.834	5.8314	ppb	4.0820	70.0	4.5795
Se 196.026	8.1421	ppb	7.1239	87.5	2.7149
Sn 189.925	12.0043	ppb	1.9946	16.6	5.6261
Sr 216.596	31.0621	ppb	1.1830	3.8	156.348
Ti 334.941	13.5814	ppb	0.2860	2.1	2201.93
Tl 190.794	-2.3131	ppb	3.5531	153.6	-3.3272
V 292.401	6.1975	ppb	0.0712	1.1	140.148
Zn 206.200	283.999	ppb	5.3940	1.9	692.524

680-86556-d-4-aSD^5 (Samp) **2/18/2013, 7:05:15 PM** **Rack 1, Tube 53**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0666	ppb	0.4262	640.3	-31.1336
Al 308.215	5149.57	ppb	15.9761	0.3	17819.4
As 188.980	1.0521	ppb	1.6061	152.7	-0.7614
B 249.678	-0.2368	ppb	0.7619	321.7	67.1351
Ba 389.178	7.1752	ppb	0.5563	7.8	69.2310
Be 313.042	-0.0193	ppb	0.0051	26.3	-17.0917
Ca 370.602	834.4	ppb	3.384	0.4	1922
Cd 226.502	0.1484	ppb	0.1710	115.3	24.3981
Co 228.615	0.0088	ppb	0.6051	6854.5	-11.0522
Cr 267.716	3.1646	ppb	0.2810	8.9	47.2969
Cu 324.754	23.2235	ppb	0.4128	1.8	678.554
Fe 271.441	4109.86	ppb	20.9466	0.5	2449.69
K 766.491	132.526	ppb	0.5962	0.4	16972.8
Mg 279.078	84.9921	ppb	1.1988	1.4	93.5373
Mn 257.610	20.5911	ppb	0.2187	1.1	1721.24
Mo 202.032	1.2676	ppb	0.9428	74.4	4.9400
Na 330.237	112.147	ppb	146.795	130.9	7.5563
Ni 231.604	0.3034	ppb	0.3345	110.2	1.4270
Pb 220.353	7.9556	ppb	4.2691	53.7	7.7692
Sb 206.834	-0.7274	ppb	2.5404	349.3	0.7102
Se 196.026	-7.7306	ppb	1.8364	23.8	-0.9937
Sn 189.925	0.5951	ppb	0.2032	34.2	0.0001
Sr 216.596	6.3051	ppb	0.4063	6.4	26.6488
Ti 334.941	2.5726	ppb	0.0249	1.0	378.895
Tl 190.794	-1.4429	ppb	1.4972	103.8	-2.0366
V 292.401	1.3616	ppb	0.1215	8.9	29.4681
Zn 206.200	58.1880	ppb	1.2481	2.1	142.731

680-86556-d-4-aPDS (Samp) **2/18/2013, 7:11:23 PM** **Rack 1, Tube 54**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	50.2940	ppb	1.4751	2.9	1297.04
Al 308.215	26840.5	ppb	504.564	1.9	91575.3
As 188.980	2140.11	ppb	21.3366	1.0	664.554
B 249.678	1001.60	ppb	21.0727	2.1	7436.01
Ba 389.178	2082.95	ppb	37.3915	1.8	28447.2
Be 313.042	51.7580	ppb	0.9341	1.8	68957.3
Ca 370.602	9008	ppb	143.7	1.6	25441
Cd 226.502	50.7381	ppb	0.7738	1.5	1037.50
Co 228.615	512.656	ppb	10.5885	2.1	3647.12
Cr 267.716	217.634	ppb	3.4302	1.6	2979.55
Cu 324.754	364.297	ppb	9.0597	2.5	9668.52
Fe 271.441	20607.2	ppb	365.274	1.8	12363.0
K 766.491	5861.34	ppb	89.3534	1.5	654481
Mg 279.078	5497.03	ppb	108.547	2.0	5267.69
Mn 257.610	626.906	ppb	11.1797	1.8	52212.7
Mo 202.032	551.655	ppb	11.7835	2.1	1524.34
Na 330.237	5628.80	ppb	156.513	2.8	307.766
Ni 231.604	518.656	ppb	9.4713	1.8	1239.54
Pb 220.353	544.860	ppb	6.7794	1.2	390.412

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	523.296	ppb	9.7106	1.9	272.401
Se 196.026	2101.75	ppb	25.0044	1.2	508.459
Sn 189.925	1018.07	ppb	23.9854	2.4	502.369
Sr 216.596	548.850	ppb	10.9793	2.0	2734.14
Ti 334.941	1035.29	ppb	18.0398	1.7	171025
Tl 190.794	2147.27	ppb	46.7065	2.2	856.239
V 292.401	518.552	ppb	9.5403	1.8	11686.4
Zn 206.200	778.663	ppb	12.0078	1.5	1895.78

680-86556-d-4-b ms (Samp) **2/18/2013, 7:17:31 PM** **Rack 1, Tube 55**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	46.1456	ppb	0.4125	0.9	1187.86
Al 308.215	30790.7	ppb	331.543	1.1	104962
As 188.980	113.918	ppb	4.1548	3.6	33.6003
B 249.678	195.026	ppb	2.8564	1.5	1461.65
Ba 389.178	133.166	ppb	1.3486	1.0	1824.21
Be 313.042	50.4719	ppb	0.5600	1.1	67072.8
Ca 370.602	9781	ppb	93.48	1.0	26314
Cd 226.502	49.1342	ppb	0.7150	1.5	1026.05
Co 228.615	50.2309	ppb	1.4334	2.9	346.963
Cr 267.716	113.761	ppb	1.1803	1.0	1552.08
Cu 324.754	220.557	ppb	3.0810	1.4	5880.12
Fe 271.441	30184.6	ppb	342.378	1.1	18084.4
K 766.491	5646.41	ppb	42.7304	0.8	631002
Mg 279.078	5295.64	ppb	59.1466	1.1	5046.41
Mn 257.610	635.710	ppb	7.4145	1.2	52942.5
Mo 202.032	111.631	ppb	0.2653	0.2	307.433
Na 330.237	5199.49	ppb	71.1332	1.4	285.858
Ni 231.604	101.081	ppb	2.3206	2.3	243.281
Pb 220.353	100.505	ppb	5.9116	5.9	71.3194
Sb 206.834	50.5439	ppb	4.8704	9.6	28.6853
Se 196.026	95.7070	ppb	6.4538	6.7	23.8692
Sn 189.925	90.1564	ppb	2.7196	3.0	44.2043
Sr 216.596	131.375	ppb	2.5505	1.9	659.144
Ti 334.941	114.103	ppb	1.3011	1.1	18819.9
Tl 190.794	38.6867	ppb	2.7098	7.0	12.6379
V 292.401	103.531	ppb	1.1124	1.1	2330.90
Zn 206.200	390.306	ppb	4.5266	1.2	951.235

680-86556-d-4-c msd (Samp) **2/18/2013, 7:23:40 PM** **Rack 1, Tube 56**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	213.336	ppb	2.8507	1.3	5613.37
Al 308.215	2067.52	ppb	41.5330	2.0	7361.29
As 188.980	216.616	ppb	9.6732	4.5	65.9378
B 249.678	390.299	ppb	7.8511	2.0	2921.32
Ba 389.178	200.564	ppb	3.7243	1.9	2760.20
Be 313.042	209.092	ppb	4.0722	1.9	277737
Ca 370.602	21067	ppb	365.6	1.7	63702
Cd 226.502	202.955	ppb	3.4825	1.7	3980.10

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	203.593	ppb	3.7017	1.8	1438.96
Cr 267.716	207.149	ppb	3.3452	1.6	2838.05
Cu 324.754	209.881	ppb	2.8622	1.4	5573.14
Fe 271.441	20927.3	ppb	421.525	2.0	12540.9
K 766.491	20680.2	ppb	327.668	1.6	2305234
Mg 279.078	20849.0	ppb	439.072	2.1	20077.2
Mn 257.610	2113.25	ppb	42.0854	2.0	175936
Mo 202.032	216.478	ppb	4.7556	2.2	597.826
Na 330.237	19147.7	ppb	447.339	2.3	1073.02
Ni 231.604	208.100	ppb	3.5366	1.7	498.454
Pb 220.353	227.693	ppb	5.8429	2.6	165.364
Sb 206.834	214.306	ppb	3.4421	1.6	114.933
Se 196.026	209.382	ppb	7.1736	3.4	51.6502
Sn 189.925	213.544	ppb	4.8575	2.3	105.090
Sr 216.596	220.282	ppb	4.4828	2.0	1098.03
Ti 334.941	212.302	ppb	4.1354	1.9	35057.5
Tl 190.794	37.5735	ppb	5.9595	15.9	13.0686
V 292.401	209.675	ppb	4.4477	2.1	4717.37
Zn 206.200	281.315	ppb	4.7011	1.7	685.961

lcs 680-266068/25-a (Samp) **2/18/2013, 7:29:48 PM** **Rack 1, Tube 57**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	210.035	ppb	3.5243	1.7	5526.12
Al 308.215	2028.00	ppb	15.3793	0.8	7226.86
As 188.980	215.346	ppb	6.0488	2.8	65.5470
B 249.678	387.095	ppb	2.7954	0.7	2897.97
Ba 389.178	194.103	ppb	1.6247	0.8	2671.41
Be 313.042	205.728	ppb	1.6471	0.8	273269
Ca 370.602	20424	ppb	156.1	0.8	61684
Cd 226.502	201.086	ppb	1.4422	0.7	3943.61
Co 228.615	201.207	ppb	1.7322	0.9	1421.92
Cr 267.716	204.215	ppb	1.6478	0.8	2797.89
Cu 324.754	205.031	ppb	2.1619	1.1	5446.28
Fe 271.441	20730.8	ppb	142.949	0.7	12423.0
K 766.491	20696.9	ppb	127.881	0.6	2307102
Mg 279.078	20595.6	ppb	189.146	0.9	19833.2
Mn 257.610	2094.71	ppb	17.2533	0.8	174392
Mo 202.032	215.031	ppb	2.2478	1.0	593.844
Na 330.237	18962.2	ppb	136.944	0.7	1062.54
Ni 231.604	206.674	ppb	2.5353	1.2	495.040
Pb 220.353	197.360	ppb	1.8728	0.9	143.579
Sb 206.834	204.918	ppb	5.7775	2.8	109.995
Se 196.026	201.065	ppb	14.1755	7.1	49.6399
Sn 189.925	210.190	ppb	1.4891	0.7	103.436
Sr 216.596	218.147	ppb	2.6593	1.2	1087.29
Ti 334.941	207.617	ppb	1.7875	0.9	34282.8
Tl 190.794	38.2896	ppb	3.6477	9.5	13.3623
V 292.401	208.256	ppb	1.5180	0.7	4685.55
Zn 206.200	198.443	ppb	2.3941	1.2	484.295

Cont Calib Verif (CCV) **2/18/2013, 7:35:57 PM** **Rack 2, Tube 1**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	487.637	ppb	9.5670	2.0	12859.5	97.52748
Al 308.215	4930.97	ppb	141.434	2.9	17384.0	98.61941
As 188.980	486.827	ppb	9.0786	1.9	151.128	97.36537
B 249.678	2426.71	ppb	67.9896	2.8	17981.2	97.06858
Ba 389.178	4989.44	ppb	134.273	2.7	68145.3	99.78880
Be 313.042	494.901	ppb	13.3276	2.7	659656	98.98017
Ca 370.602	5025	ppb	123.9	2.5	15350	100.50395
Cd 226.502	491.413	ppb	13.3850	2.7	9525.91	98.28256
Co 228.615	493.016	ppb	13.5156	2.7	3503.38	98.60318
Cr 267.716	4962.33	ppb	140.888	2.8	68039.4	99.24658
Cu 324.754	4872.01	ppb	106.761	2.2	128656	97.44028
Fe 271.441	4882.09	ppb	142.244	2.9	2961.29	97.64181
K 766.491	10072.1	ppb	203.770	2.0	1122730	100.72057
Mg 279.078	4961.06	ppb	108.044	2.2	4788.57	99.22118
Mn 257.610	5123.85	ppb	134.808	2.6	426523	102.47701
Mo 202.032	514.831	ppb	14.5618	2.8	1417.38	102.96625
Na 330.237	7427.56	ppb	155.732	2.1	419.488	99.03416
Ni 231.604	2490.52	ppb	65.4504	2.6	5943.82	99.62074
Pb 220.353	487.316	ppb	12.6743	2.6	347.869	97.46330
Sb 206.834	486.758	ppb	16.2340	3.3	281.477	97.35156
Se 196.026	5003.37	ppb	128.954	2.6	1210.16	100.06748
Sn 189.925	4911.66	ppb	98.0582	2.0	2424.00	98.23327
Sr 216.596	2429.45	ppb	59.0031	2.4	12113.4	97.17805
Ti 334.941	497.240	ppb	13.1697	2.6	82350.9	99.44791
Tl 190.794	5082.50	ppb	130.756	2.6	2033.01	101.64993
V 292.401	4941.20	ppb	125.658	2.5	112014	98.82401
Zn 206.200	2518.58	ppb	61.2248	2.4	6115.02	100.74328

Cont Calib Blank (CCB) **2/18/2013, 7:42:05 PM** **Rack 2, Tube 2**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.4498	ppb	0.6734	149.7	-40.6608	-0.44979
Al 308.215	0.9444	ppb	2.4453	258.9	323.056	0.94441
As 188.980	5.9910	ppb	3.2567	54.4	0.9042	5.99099
B 249.678	9.5857	ppb	1.9128	20.0	146.983	9.58571
Ba 389.178	1.0355	ppb	0.9243	89.3	-18.7690	1.03552
Be 313.042	-0.0039	ppb	0.0013	33.4	2.5748	-0.00387
Ca 370.602	0.0637	ppb	3.670	5765.4	-87.78	0.06366
Cd 226.502	0.0404	ppb	0.1033	255.4	13.6707	0.04045
Co 228.615	0.4578	ppb	0.1814	39.6	-7.9356	0.45775
Cr 267.716	0.6309	ppb	0.1420	22.5	14.4483	0.63089
Cu 324.754	0.3053	ppb	0.2479	81.2	73.6367	0.30529
Fe 271.441	-5.3926	ppb	3.2559	60.4	-17.4496	-5.39264
K 766.491	0.1934	ppb	0.2058	106.4	2236.99	0.19344
Mg 279.078	1.6636	ppb	4.4413	267.0	24.7962	1.66364
Mn 257.610	0.0518	ppb	0.0672	129.8	9.0709	0.05180
Mo 202.032	0.7380	ppb	0.7854	106.4	3.8566	0.73801
Na 330.237	6.8157	ppb	155.878	2287.0	2.7975	6.81574
Ni 231.604	0.4639	ppb	0.4805	103.6	1.5987	0.46389
Pb 220.353	-6.9949	ppb	1.8338	26.2	-2.4330	-6.99489Z

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sb 206.834	-5.4837	ppb	2.2258	40.6	-1.8907	-5.48369
Se 196.026	-3.1370	ppb	1.5101	48.1	0.1474	-3.13702
Sn 189.925	-0.5953	ppb	1.5195	255.2	-0.5861	-0.59530
Sr 216.596	-0.2584	ppb	0.1535	59.4	-7.7127	-0.25844
Ti 334.941	0.1096	ppb	0.0496	45.3	-29.0749	0.10956
Tl 190.794	-1.2666	ppb	0.7638	60.3	-1.7278	-1.26656
V 292.401	0.5604	ppb	0.0939	16.7	10.8991	0.56040
Zn 206.200	0.2233	ppb	0.1570	70.3	1.6006	0.22334

680-87368-a-1-a (Samp) **2/18/2013, 7:48:13 PM** **Rack 2, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0843	ppb	0.3109	368.9	-21.5366
Al 308.215	58.0986	ppb	3.6812	6.3	517.302
As 188.980	-0.4047	ppb	7.9432	1962.5	-1.0928
B 249.678	37.9006	ppb	0.7271	1.9	355.594
Ba 389.178	34.6977	ppb	0.4037	1.2	469.722
Be 313.042	0.0221	ppb	0.0074	33.5	49.2019
Ca 370.602	58919	ppb	323.3	0.5	187238
Cd 226.502	0.0031	ppb	0.1974	6273.9	13.4503
Co 228.615	2.0591	ppb	0.1697	8.2	3.5025
Cr 267.716	0.2184	ppb	0.2350	107.6	10.2305
Cu 324.754	6.9738	ppb	0.2635	3.8	133.774
Fe 271.441	250.004	ppb	9.2302	3.7	135.722
K 766.491	1695.86	ppb	11.4730	0.7	191069
Mg 279.078	18730.6	ppb	151.180	0.8	18092.7
Mn 257.610	1399.71	ppb	9.1541	0.7	116526
Mo 202.032	0.5146	ppb	0.3773	73.3	3.2164
Na 330.237	17562.8	ppb	211.977	1.2	990.933
Ni 231.604	3.1753	ppb	0.6956	21.9	8.6535
Pb 220.353	0.0366	ppb	1.0101	2762.9	2.6115
Sb 206.834	-1.9793	ppb	4.4134	223.0	0.3804
Se 196.026	5.4114	ppb	10.6956	197.6	2.4435
Sn 189.925	0.5858	ppb	3.4402	587.3	-0.1768
Sr 216.596	211.182	ppb	2.2476	1.1	1056.62
Ti 334.941	0.7204	ppb	0.0582	8.1	121.076
Tl 190.794	-4.2645	ppb	1.8884	44.3	-3.4100
V 292.401	1.3247	ppb	0.3432	25.9	26.1381
Zn 206.200	5.5781	ppb	0.3063	5.5	15.1353

mb 680-266338/1-a (Samp) **2/18/2013, 7:54:21 PM** **Rack 2, Tube 4**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1685	ppb	0.4811	285.5	-33.2290
Al 308.215	4.0622	ppb	1.7228	42.4	333.616
As 188.980	-1.0380	ppb	6.5145	627.6	-1.2836
B 249.678	0.6340	ppb	0.9584	151.2	80.9050
Ba 389.178	0.4793	ppb	0.8077	168.5	-26.3643
Be 313.042	-0.0246	ppb	0.0100	40.8	-25.1370
Ca 370.602	1.889	ppb	2.737	144.9	-82.58
Cd 226.502	0.0557	ppb	0.0566	101.6	13.9724

F02182013A.wvq. All Data Report 2/19/2013, 9:41:12 AM

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	-0.4144	ppb	0.3231	78.0	-14.1458
Cr 267.716	0.5181	ppb	0.0665	12.8	12.9008
Cu 324.754	0.6554	ppb	0.6713	102.4	82.8787
Fe 271.441	-6.3277	ppb	8.6579	136.8	-18.0396
K 766.491	0.6428	ppb	0.7151	111.2	2287.17
Mg 279.078	1.5897	ppb	3.9221	246.7	24.7148
Mn 257.610	0.0200	ppb	0.0613	306.9	6.4219
Mo 202.032	-0.0835	ppb	0.6280	751.9	1.5855
Na 330.237	-49.8855	ppb	160.792	322.3	-0.3929
Ni 231.604	-0.4868	ppb	1.1679	239.9	-0.6660
Pb 220.353	-3.8160	ppb	2.4285	63.6	-0.1488
Sb 206.834	-3.2142	ppb	3.8354	119.3	-0.7021
Se 196.026	5.1695	ppb	6.9698	134.8	2.1536
Sn 189.925	-2.1742	ppb	0.5375	24.7	-1.3654
Sr 216.596	-0.1756	ppb	0.3726	212.2	-7.2590
Ti 334.941	-0.1198	ppb	0.0441	36.8	-66.9674
Tl 190.794	3.1599	ppb	2.4962	79.0	0.0384
V 292.401	0.1708	ppb	0.1700	99.6	2.1102
Zn 206.200	0.8881	ppb	0.3357	37.8	3.2177

lcs 680-266338/2-a (Samp) **2/18/2013, 8:00:29 PM** **Rack 2, Tube 5**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	21.0986	ppb	0.8811	4.2	529.159
Al 308.215	2025.66	ppb	71.0394	3.5	7207.04
As 188.980	47.7642	ppb	8.2191	17.2	13.8518
B 249.678	80.2507	ppb	3.1025	3.9	664.868
Ba 389.178	41.3262	ppb	1.4890	3.6	537.057
Be 313.042	20.9348	ppb	0.7321	3.5	27823.6
Ca 370.602	2051	ppb	67.89	3.3	6121
Cd 226.502	20.8129	ppb	0.6871	3.3	419.640
Co 228.615	20.5031	ppb	0.4366	2.1	134.814
Cr 267.716	41.6222	ppb	1.8856	4.5	575.702
Cu 324.754	41.3399	ppb	0.8103	2.0	1153.69
Fe 271.441	2044.53	ppb	61.2600	3.0	1212.53
K 766.491	2261.88	ppb	60.1605	2.7	254102
Mg 279.078	2104.21	ppb	70.1145	3.3	2047.32
Mn 257.610	213.913	ppb	7.2556	3.4	17813.4
Mo 202.032	42.5449	ppb	1.8892	4.4	119.186
Na 330.237	1848.58	ppb	108.320	5.9	105.656
Ni 231.604	42.7213	ppb	1.9411	4.5	102.558
Pb 220.353	18.6672	ppb	0.7422	4.0	15.7064
Sb 206.834	19.7077	ppb	2.6136	13.3	11.5111
Se 196.026	41.7548	ppb	7.0219	16.8	11.0080
Sn 189.925	38.5099	ppb	4.7655	12.4	18.7175
Sr 216.596	41.9046	ppb	2.1889	5.2	202.928
Ti 334.941	41.6494	ppb	1.4952	3.6	6837.95
Tl 190.794	14.1992	ppb	1.5106	10.6	4.3731
V 292.401	41.8683	ppb	1.8721	4.5	940.643
Zn 206.200	42.7775	ppb	1.7998	4.2	105.126

llcs 680-266338/4-a (Samp) **2/18/2013, 8:06:37 PM** **Rack 2, Tube 6**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	11.0682	ppb	0.2795	2.5	263.748
Al 308.215	210.315	ppb	8.4809	4.0	1035.45
As 188.980	20.4932	ppb	5.5305	27.0	5.4124
B 249.678	98.9511	ppb	3.0251	3.1	806.484
Ba 389.178	11.1886	ppb	1.0333	9.2	120.867
Be 313.042	4.2835	ppb	0.0954	2.2	5700.07
Ca 370.602	528.2	ppb	10.17	1.9	1583
Cd 226.502	5.4553	ppb	0.2876	5.3	118.520
Co 228.615	10.7026	ppb	0.1066	1.0	65.0254
Cr 267.716	10.4274	ppb	0.2592	2.5	148.738
Cu 324.754	21.1718	ppb	0.8564	4.0	623.728
Fe 271.441	59.9471	ppb	5.2616	8.8	22.1760
K 766.491	1147.51	ppb	24.6395	2.1	130007
Mg 279.078	538.537	ppb	7.6681	1.4	542.605
Mn 257.610	11.0406	ppb	0.2103	1.9	924.183
Mo 202.032	10.8996	ppb	0.4392	4.0	31.9310
Na 330.237	1005.41	ppb	55.5093	5.5	58.9548
Ni 231.604	43.2053	ppb	0.6145	1.4	103.577
Pb 220.353	12.5843	ppb	3.6037	28.6	11.5935
Sb 206.834	21.0675	ppb	2.7318	13.0	11.9573
Se 196.026	12.7427	ppb	7.9526	62.4	3.9840
Sn 189.925	49.3260	ppb	4.2197	8.6	24.0538
Sr 216.596	10.6708	ppb	0.3270	3.1	45.7650
Ti 334.941	10.4451	ppb	0.2454	2.3	1679.45
Tl 190.794	24.4909	ppb	3.9531	16.1	8.5694
V 292.401	11.0988	ppb	0.0541	0.5	248.232
Zn 206.200	21.9075	ppb	0.6652	3.0	54.3536

680-87412-a-1-b (Samp) **2/18/2013, 8:12:45 PM** **Rack 2, Tube 7**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0007	ppb	0.6260	84394.7	-28.9406
Al 308.215	47.9869	ppb	9.2941	19.4	483.011
As 188.980	-3.3893	ppb	4.5053	132.9	-2.0167
B 249.678	91.8970	ppb	7.2908	7.9	754.356
Ba 389.178	16.3146	ppb	0.8964	5.5	199.052
Be 313.042	-0.0104	ppb	0.0279	267.7	-0.6819
Ca 370.602	35054	ppb	2911	8.3	111358
Cd 226.502	0.0433	ppb	0.3689	851.9	13.7385
Co 228.615	-0.0551	ppb	0.1878	340.7	-11.6117
Cr 267.716	0.2928	ppb	0.2912	99.4	9.9558
Cu 324.754	144.657	ppb	12.1504	8.4	3816.11
Fe 271.441	66.2985	ppb	5.4843	8.3	25.5198
K 766.491	6508.31	ppb	428.755	6.6	727016
Mg 279.078	5982.70	ppb	506.829	8.5	5795.48
Mn 257.610	0.6583	ppb	0.0464	7.0	62.6445
Mo 202.032	2.1957	ppb	1.0496	47.8	7.8833
Na 330.237	33999.1	ppb	2729.47	8.0	1916.28
Ni 231.604	3.7804	ppb	0.5454	14.4	9.6971
Pb 220.353	-2.8315	ppb	2.8299	99.9	0.5508

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	1.0291	ppb	4.9068	476.8	1.7723
Se 196.026	3.2957	ppb	4.7755	144.9	1.7009
Sn 189.925	0.2042	ppb	1.2163	595.7	-0.2903
Sr 216.596	251.687	ppb	21.4852	8.5	1259.05
Ti 334.941	-0.1623	ppb	0.0876	54.0	-46.0537
Tl 190.794	-0.0991	ppb	2.3939	2415.5	-1.5500
V 292.401	1.1310	ppb	0.1698	15.0	23.3013
Zn 206.200	85.4862	ppb	7.5784	8.9	209.243

680-87412-a-1-c ms (Samp) **2/18/2013, 8:18:54 PM** **Rack 2, Tube 8**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	21.9787	ppb	0.1854	0.8	552.279
Al 308.215	2135.26	ppb	16.4546	0.8	7579.68
As 188.980	43.3500	ppb	9.1140	21.0	12.4757
B 249.678	175.150	ppb	1.8232	1.0	1365.07
Ba 389.178	56.9082	ppb	0.8278	1.5	759.235
Be 313.042	21.4836	ppb	0.1380	0.6	28558.4
Ca 370.602	37598	ppb	287.3	0.8	119127
Cd 226.502	21.2029	ppb	0.1079	0.5	427.293
Co 228.615	21.4737	ppb	0.4770	2.2	141.704
Cr 267.716	42.1374	ppb	0.5222	1.2	582.890
Cu 324.754	185.137	ppb	0.9896	0.5	4880.56
Fe 271.441	2159.15	ppb	9.4910	0.4	1281.30
K 766.491	8936.52	ppb	59.4053	0.7	997426
Mg 279.078	8208.02	ppb	70.3259	0.9	7936.34
Mn 257.610	218.790	ppb	1.7057	0.8	18222.6
Mo 202.032	46.1587	ppb	0.2938	0.6	129.167
Na 330.237	36615.2	ppb	220.702	0.6	2062.70
Ni 231.604	45.0562	ppb	2.5084	5.6	108.320
Pb 220.353	21.3406	ppb	2.2279	10.4	17.6112
Sb 206.834	19.1091	ppb	2.8784	15.1	11.4588
Se 196.026	44.4672	ppb	3.8687	8.7	11.6633
Sn 189.925	42.8803	ppb	2.1759	5.1	20.7746
Sr 216.596	298.521	ppb	2.4903	0.8	1493.21
Ti 334.941	42.3641	ppb	0.3313	0.8	6984.40
Tl 190.794	15.1217	ppb	2.2580	14.9	4.4495
V 292.401	43.9606	ppb	0.2933	0.7	987.420
Zn 206.200	129.126	ppb	1.0172	0.8	315.412

680-87412-a-1-d msd (Samp) **2/18/2013, 8:25:03 PM** **Rack 2, Tube 9**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	21.4502	ppb	0.6048	2.8	538.308
Al 308.215	2106.31	ppb	43.4590	2.1	7481.25
As 188.980	44.9959	ppb	9.1538	20.3	12.9894
B 249.678	173.444	ppb	2.0288	1.2	1352.55
Ba 389.178	55.6471	ppb	0.7434	1.3	741.782
Be 313.042	21.1679	ppb	0.4101	1.9	28138.7
Ca 370.602	37014	ppb	708.5	1.9	117277
Cd 226.502	20.7287	ppb	0.5565	2.7	418.029

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	21.0836	ppb	0.8411	4.0	138.916
Cr 267.716	41.8578	ppb	0.8631	2.1	579.076
Cu 324.754	183.008	ppb	4.8273	2.6	4825.47
Fe 271.441	2120.82	ppb	35.4540	1.7	1258.30
K 766.491	8809.90	ppb	139.848	1.6	983325
Mg 279.078	8085.50	ppb	155.163	1.9	7818.26
Mn 257.610	215.313	ppb	4.3205	2.0	17933.1
Mo 202.032	46.0021	ppb	0.3653	0.8	128.740
Na 330.237	35939.5	ppb	748.007	2.1	2024.68
Ni 231.604	44.5217	ppb	0.9699	2.2	107.039
Pb 220.353	18.7791	ppb	2.8185	15.0	15.7743
Sb 206.834	16.2908	ppb	1.4548	8.9	9.9880
Se 196.026	50.4595	ppb	1.1558	2.3	13.1104
Sn 189.925	38.5152	ppb	5.4753	14.2	18.6217
Sr 216.596	293.418	ppb	5.3221	1.8	1467.55
Ti 334.941	41.7020	ppb	0.8265	2.0	6874.53
Tl 190.794	16.0235	ppb	6.6768	41.7	4.8146
V 292.401	42.9601	ppb	0.8600	2.0	964.676
Zn 206.200	125.547	ppb	1.7615	1.4	306.699

680-87412-a-2-b (Samp) **2/18/2013, 8:31:12 PM** **Rack 2, Tube 10**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3197	ppb	0.3705	115.9	-37.3738
Al 308.215	44.0594	ppb	2.7357	6.2	469.656
As 188.980	-3.7664	ppb	3.9007	103.6	-2.1337
B 249.678	89.7497	ppb	2.5310	2.8	738.516
Ba 389.178	15.6424	ppb	0.3779	2.4	189.674
Be 313.042	-0.0207	ppb	0.0103	49.9	-14.5033
Ca 370.602	34156	ppb	994.0	2.9	108501
Cd 226.502	0.0983	ppb	0.2515	255.9	14.7966
Co 228.615	0.0817	ppb	0.2653	324.7	-10.6317
Cr 267.716	0.1306	ppb	0.1083	83.0	7.7283
Cu 324.754	150.143	ppb	4.3513	2.9	3962.77
Fe 271.441	63.5063	ppb	6.8172	10.7	23.8438
K 766.491	6368.64	ppb	125.602	2.0	711462
Mg 279.078	5876.90	ppb	163.467	2.8	5693.41
Mn 257.610	0.6754	ppb	0.0505	7.5	64.0042
Mo 202.032	2.0969	ppb	0.8644	41.2	7.6104
Na 330.237	33050.4	ppb	734.696	2.2	1862.79
Ni 231.604	1.6529	ppb	0.5402	32.7	4.6180
Pb 220.353	-0.2422	ppb	3.6966	1526.5	2.4122
Sb 206.834	-1.4558	ppb	7.6520	525.6	0.4661
Se 196.026	2.7707	ppb	3.4587	124.8	1.5741
Sn 189.925	-2.9756	ppb	1.5692	52.7	-1.8571
Sr 216.596	246.174	ppb	8.0109	3.3	1231.39
Ti 334.941	-0.0714	ppb	0.0380	53.3	-31.7699
Tl 190.794	2.0919	ppb	4.5418	217.1	-0.6673
V 292.401	1.1155	ppb	0.1519	13.6	23.0199
Zn 206.200	26.6994	ppb	0.8818	3.3	66.1857

680-87412-a-3-b (Samp) **2/18/2013, 8:37:21 PM** **Rack 2, Tube 11**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0079	ppb	0.1824	2302.4	-28.7120
Al 308.215	16.5268	ppb	1.6943	10.3	376.102
As 188.980	-1.1754	ppb	4.6048	391.8	-1.3260
B 249.678	92.3350	ppb	0.1933	0.2	757.661
Ba 389.178	16.0352	ppb	1.1229	7.0	197.193
Be 313.042	-0.0135	ppb	0.0124	91.2	-4.9527
Ca 370.602	35085	ppb	52.25	0.1	111461
Cd 226.502	0.1617	ppb	0.1588	98.2	15.9519
Co 228.615	-0.1384	ppb	0.5498	397.3	-12.2125
Cr 267.716	0.4024	ppb	0.1879	46.7	11.4752
Cu 324.754	144.752	ppb	0.6026	0.4	3818.64
Fe 271.441	22.5820	ppb	11.4369	50.6	-0.6899
K 766.491	6445.02	ppb	6.5549	0.1	719968
Mg 279.078	7326.42	ppb	2.8100	0.0	7092.09
Mn 257.610	0.3076	ppb	0.1001	32.6	34.0809
Mo 202.032	3.0717	ppb	0.7566	24.6	10.3095
Na 330.237	32878.1	ppb	11.6926	0.0	1853.10
Ni 231.604	1.3232	ppb	1.5723	118.8	3.8699
Pb 220.353	-5.7999	ppb	1.8375	31.7	-1.5789
Sb 206.834	-0.8467	ppb	2.9520	348.6	0.7835
Se 196.026	6.7913	ppb	0.9451	13.9	2.5455
Sn 189.925	-1.2856	ppb	2.5324	197.0	-1.0259
Sr 216.596	248.991	ppb	1.3749	0.6	1245.57
Ti 334.941	-0.0957	ppb	0.0125	13.1	-34.9781
Tl 190.794	-8.1769	ppb	1.4635	17.9	-4.7740
V 292.401	0.8740	ppb	0.1416	16.2	17.4033
Zn 206.200	20.1620	ppb	0.7786	3.9	50.3157

680-87412-a-4-b (Samp) **2/18/2013, 8:43:31 PM** **Rack 2, Tube 12**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0132	ppb	0.6626	5026.6	-28.5889
Al 308.215	30.5957	ppb	1.9257	6.3	423.908
As 188.980	-6.6672	ppb	4.1574	62.4	-3.0359
B 249.678	95.8325	ppb	1.5161	1.6	783.443
Ba 389.178	16.7974	ppb	0.8540	5.1	207.828
Be 313.042	-0.0206	ppb	0.0096	46.7	-13.9564
Ca 370.602	36532	ppb	642.2	1.8	116059
Cd 226.502	0.0337	ppb	0.0619	183.6	13.5195
Co 228.615	0.3798	ppb	0.1058	27.9	-8.5123
Cr 267.716	0.8952	ppb	0.3285	36.7	18.2298
Cu 324.754	156.011	ppb	3.1190	2.0	4113.11
Fe 271.441	48.8044	ppb	6.5383	13.4	15.0458
K 766.491	6691.90	ppb	91.2766	1.4	747461
Mg 279.078	7465.90	ppb	120.001	1.6	7226.59
Mn 257.610	0.5669	ppb	0.0373	6.6	55.7469
Mo 202.032	2.4692	ppb	1.1022	44.6	8.6413
Na 330.237	34240.7	ppb	511.434	1.5	1929.85
Ni 231.604	1.7037	ppb	0.6436	37.8	4.7847
Pb 220.353	1.4504	ppb	2.2930	158.1	3.6290

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	1.5236	ppb	4.5505	298.7	2.0433
Se 196.026	5.6195	ppb	3.9032	69.5	2.2623
Sn 189.925	-0.9869	ppb	1.6232	164.5	-0.8825
Sr 216.596	259.824	ppb	5.2838	2.0	1300.03
Ti 334.941	-0.1019	ppb	0.0246	24.1	-34.8061
Tl 190.794	-2.9810	ppb	3.6171	121.3	-2.7110
V 292.401	1.0488	ppb	0.3515	33.5	21.4113
Zn 206.200	64.1239	ppb	1.2503	1.9	157.296

Cont Calib Verif (CCV) **2/18/2013, 8:49:39 PM** **Rack 2, Tube 13**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	494.658	ppb	6.3748	1.3	13045.1	98.93166
Al 308.215	4968.56	ppb	53.8689	1.1	17515.3	99.37114
As 188.980	486.735	ppb	6.3722	1.3	151.102	97.34702
B 249.678	2441.20	ppb	26.4774	1.1	18088.0	97.64792
Ba 389.178	5031.08	ppb	56.0738	1.1	68714.3	100.62151
Be 313.042	498.613	ppb	5.3198	1.1	664615	99.72253
Ca 370.602	5076	ppb	53.54	1.1	15502	101.51646
Cd 226.502	494.347	ppb	5.3059	1.1	9582.79	98.86938
Co 228.615	496.937	ppb	4.5971	0.9	3531.36	99.38737
Cr 267.716	4978.12	ppb	54.4915	1.1	68255.6	99.56239
Cu 324.754	4906.00	ppb	57.9262	1.2	129553	98.12004
Fe 271.441	4893.02	ppb	57.5217	1.2	2968.47	97.86050
K 766.491	10146.3	ppb	102.919	1.0	1130984	101.46268
Mg 279.078	5053.31	ppb	57.7098	1.1	4877.33	101.06629
Mn 257.610	5167.03	ppb	60.3746	1.2	430117	103.34061
Mo 202.032	521.728	ppb	6.1880	1.2	1436.35	104.34564
Na 330.237	7479.08	ppb	38.9161	0.5	422.378	99.72109
Ni 231.604	2513.68	ppb	31.0006	1.2	5999.07	100.54719
Pb 220.353	487.499	ppb	3.6515	0.7	347.964	97.49979
Sb 206.834	490.768	ppb	6.9546	1.4	283.739	98.15358
Se 196.026	5007.31	ppb	70.7902	1.4	1211.11	100.14625
Sn 189.925	4919.39	ppb	37.5842	0.8	2427.81	98.38772
Sr 216.596	2449.08	ppb	27.2126	1.1	12211.2	97.96330
Ti 334.941	501.915	ppb	5.7459	1.1	83125.1	100.38292
Tl 190.794	5104.13	ppb	65.2466	1.3	2041.71	102.08269
V 292.401	5004.14	ppb	57.5121	1.1	113443	100.08270
Zn 206.200	2549.14	ppb	28.9072	1.1	6189.27	101.96541

Cont Calib Blank (CCB) **2/18/2013, 8:55:47 PM** **Rack 2, Tube 14**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.0886	ppb	0.3644	411.3	-31.1133	-0.08860
Al 308.215	1.4872	ppb	0.6625	44.5	324.887	1.48720
As 188.980	0.1918	ppb	2.9257	1525.5	-0.9009	0.19179
B 249.678	7.4471	ppb	1.3884	18.6	131.189	7.44708
Ba 389.178	0.5066	ppb	0.7133	140.8	-25.9869	0.50661
Be 313.042	-0.0032	ppb	0.0115	360.5	3.3963	-0.00318
Ca 370.602	0.4883	ppb	1.345	275.5	-86.79	0.48830
Cd 226.502	0.0790	ppb	0.0917	116.1	14.4206	0.07900

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Co 228.615	0.0084	ppb	0.1508	1800.5	-11.1376	0.00837
Cr 267.716	0.2026	ppb	0.3246	160.2	8.5736	0.20255
Cu 324.754	0.4569	ppb	0.2678	58.6	77.6410	0.45688
Fe 271.441	0.0728	ppb	5.6177	7719.7	-14.1905	0.07277
K 766.491	0.3508	ppb	0.5612	160.0	2254.66	0.35079
Mg 279.078	-1.7280	ppb	10.1547	587.6	21.5176	-1.72804
Mn 257.610	0.0323	ppb	0.0728	225.8	7.4464	0.03226
Mo 202.032	0.3141	ppb	0.7004	223.0	2.6847	0.31411
Na 330.237	46.5740	ppb	37.9737	81.5	5.0349	46.57401
Ni 231.604	0.1986	ppb	0.8844	445.4	0.9692	0.19857
Pb 220.353	-1.2790	ppb	2.1933	171.5	1.6742	-1.27905
Sb 206.834	1.7967	ppb	2.2013	122.5	1.9128	1.79674
Se 196.026	-6.9222	ppb	6.7957	98.2	-0.7669	-6.92222
Sn 189.925	-2.4706	ppb	1.6335	66.1	-1.5117	-2.47060
Sr 216.596	0.0024	ppb	0.4162	17358.8	-6.3918	0.00240
Ti 334.941	-0.0021	ppb	0.0210	995.0	-47.5383	-0.00211
Tl 190.794	4.7489	ppb	0.5312	11.2	0.6733	4.74890
V 292.401	0.3922	ppb	0.1175	30.0	7.0964	0.39224
Zn 206.200	-0.1093	ppb	0.4396	402.2	0.7921	-0.10928

680-87412-a-5-b (Samp) **2/18/2013, 9:01:56 PM** **Rack 2, Tube 15**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0775	ppb	0.2697	348.1	-27.1455
Al 308.215	29.0692	ppb	3.0662	10.5	418.734
As 188.980	0.0597	ppb	2.4795	4154.6	-0.9430
B 249.678	84.0293	ppb	3.5848	4.3	696.334
Ba 389.178	16.0639	ppb	1.3530	8.4	194.103
Be 313.042	-0.0262	ppb	0.0094	35.9	-21.3541
Ca 370.602	35596	ppb	1035	2.9	113084
Cd 226.502	0.2198	ppb	0.1014	46.1	17.1134
Co 228.615	0.5018	ppb	0.2907	57.9	-7.6506
Cr 267.716	0.2641	ppb	0.4148	157.1	9.5605
Cu 324.754	542.342	ppb	14.1171	2.6	14316.2
Fe 271.441	41.4222	ppb	3.4527	8.3	10.6299
K 766.491	6389.82	ppb	148.508	2.3	713820
Mg 279.078	5018.36	ppb	141.722	2.8	4865.09
Mn 257.610	0.9411	ppb	0.0770	8.2	85.6836
Mo 202.032	3.2618	ppb	0.9259	28.4	10.8323
Na 330.237	32154.4	ppb	682.948	2.1	1812.91
Ni 231.604	6.4160	ppb	0.9657	15.1	15.9497
Pb 220.353	-1.5881	ppb	2.7373	172.4	1.4458
Sb 206.834	-0.2373	ppb	2.6860	1131.9	1.1064
Se 196.026	2.5640	ppb	5.7149	222.9	1.5244
Sn 189.925	-0.0160	ppb	2.4366	15221.6	-0.4009
Sr 216.596	249.760	ppb	8.3402	3.3	1249.01
Ti 334.941	-0.1170	ppb	0.0291	24.9	-38.6295
Tl 190.794	-5.6942	ppb	11.4541	201.2	-3.7867
V 292.401	1.1478	ppb	0.0863	7.5	23.6253
Zn 206.200	416.217	ppb	10.1351	2.4	1014.03

680-87412-a-6-d (Samp) **2/18/2013, 9:08:04 PM** **Rack 2, Tube 16**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1677	ppb	0.2926	174.5	-33.3061
Al 308.215	16.2098	ppb	5.0139	30.9	375.006
As 188.980	4.5891	ppb	6.0187	131.2	0.4655
B 249.678	89.4530	ppb	4.0724	4.6	736.295
Ba 389.178	15.8966	ppb	1.1769	7.4	192.379
Be 313.042	-0.0073	ppb	0.0115	157.3	3.4143
Ca 370.602	35692	ppb	1279	3.6	113383
Cd 226.502	0.1793	ppb	0.3181	177.4	16.3943
Co 228.615	0.3239	ppb	0.5671	175.1	-8.9103
Cr 267.716	0.1124	ppb	0.4110	365.7	7.4791
Cu 324.754	83.1310	ppb	2.6931	3.2	2190.25
Fe 271.441	82.5296	ppb	12.1915	14.8	35.2609
K 766.491	6619.87	ppb	193.748	2.9	739440
Mg 279.078	5368.73	ppb	201.961	3.8	5203.04
Mn 257.610	1.2480	ppb	0.0225	1.8	111.426
Mo 202.032	2.3318	ppb	0.4522	19.4	8.2574
Na 330.237	34921.4	ppb	1214.01	3.5	1968.17
Ni 231.604	8.1203	ppb	1.4142	17.4	20.0298
Pb 220.353	-0.5033	ppb	1.1461	227.7	2.2272
Sb 206.834	-1.2402	ppb	9.6761	780.2	0.5901
Se 196.026	10.9363	ppb	12.0594	110.3	3.5462
Sn 189.925	-4.0290	ppb	1.5031	37.3	-2.3813
Sr 216.596	257.370	ppb	9.5297	3.7	1287.55
Ti 334.941	-0.1422	ppb	0.0603	42.4	-42.2169
Tl 190.794	-2.0034	ppb	6.9658	347.7	-2.3155
V 292.401	0.9485	ppb	0.1179	12.4	19.1780
Zn 206.200	77.5270	ppb	2.9242	3.8	189.860

mb 680-266199/1-a (Samp) **2/18/2013, 9:14:12 PM** **Rack 2, Tube 17**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1765	ppb	0.2201	124.7	-33.4401
Al 308.215	1.9374	ppb	0.8135	42.0	326.379
As 188.980	2.7372	ppb	6.2621	228.8	-0.1088
B 249.678	-0.6088	ppb	0.5964	98.0	71.7393
Ba 389.178	0.5066	ppb	0.6077	120.0	-25.9864
Be 313.042	-0.0292	ppb	0.0025	8.7	-31.2519
Ca 370.602	-0.8022	ppb	2.904	362.0	-91.44
Cd 226.502	0.0150	ppb	0.1803	1204.3	13.1898
Co 228.615	0.0971	ppb	0.3268	336.5	-10.4952
Cr 267.716	0.2811	ppb	0.2118	75.3	9.6511
Cu 324.754	-0.1374	ppb	0.2629	191.3	61.9491
Fe 271.441	-3.2157	ppb	6.9753	216.9	-16.1593
K 766.491	0.5781	ppb	0.2094	36.2	2279.95
Mg 279.078	1.7481	ppb	3.8364	219.5	24.8618
Mn 257.610	-0.0050	ppb	0.0377	759.8	4.3507
Mo 202.032	-0.1557	ppb	0.2712	174.2	1.3859
Na 330.237	1.7476	ppb	111.747	6394.4	2.5120
Ni 231.604	-0.2861	ppb	1.2951	452.7	-0.1893
Pb 220.353	-0.1946	ppb	4.9549	2546.5	2.4540

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-1.3955	ppb	7.7108	552.5	0.2461
Se 196.026	-7.8415	ppb	5.1743	66.0	-0.9889
Sn 189.925	-3.2498	ppb	1.0708	32.9	-1.8963
Sr 216.596	-0.1715	ppb	0.3600	209.9	-7.2368
Ti 334.941	-0.0422	ppb	0.0433	102.5	-54.1626
Tl 190.794	-1.0791	ppb	4.2070	389.9	-1.6534
V 292.401	0.0545	ppb	0.0835	153.3	-0.4506
Zn 206.200	0.6108	ppb	0.3000	49.1	2.5441

lcs 680-266199/2-a (Samp) **2/18/2013, 9:20:20 PM** **Rack 2, Tube 18**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.8128	ppb	1.3999	2.7	1341.37
Al 308.215	4953.36	ppb	129.725	2.6	17161.2
As 188.980	107.521	ppb	3.2018	3.0	32.3749
B 249.678	194.643	ppb	5.3650	2.8	1503.97
Ba 389.178	97.6374	ppb	2.8116	2.9	1314.02
Be 313.042	50.9731	ppb	1.2549	2.5	67735.1
Ca 370.602	4994	ppb	118.5	2.4	15038
Cd 226.502	50.2258	ppb	1.3534	2.7	994.478
Co 228.615	50.4656	ppb	1.9920	3.9	348.165
Cr 267.716	100.424	ppb	2.4963	2.5	1380.83
Cu 324.754	99.6056	ppb	1.8845	1.9	2687.20
Fe 271.441	4926.71	ppb	126.589	2.6	2941.98
K 766.491	5359.53	ppb	98.8678	1.8	599062
Mg 279.078	5146.13	ppb	129.760	2.5	4973.67
Mn 257.610	520.007	ppb	12.7217	2.4	43296.4
Mo 202.032	106.173	ppb	4.1188	3.9	294.740
Na 330.237	4622.52	ppb	181.830	3.9	260.640
Ni 231.604	101.659	ppb	2.5650	2.5	243.374
Pb 220.353	46.9319	ppb	3.4593	7.4	35.5804
Sb 206.834	50.1326	ppb	4.8032	9.6	27.7483
Se 196.026	101.970	ppb	3.3887	3.3	25.5777
Sn 189.925	101.880	ppb	0.9816	1.0	49.9985
Sr 216.596	100.767	ppb	2.8516	2.8	496.965
Ti 334.941	101.453	ppb	2.5087	2.5	16724.3
Tl 190.794	40.2094	ppb	6.0418	15.0	14.6547
V 292.401	101.520	ppb	2.8561	2.8	2282.96
Zn 206.200	102.368	ppb	1.5428	1.5	250.093

lcs 680-266199/3-a (Samp) **2/18/2013, 9:26:28 PM** **Rack 2, Tube 19**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	209.203	ppb	7.2337	3.5	5504.10
Al 308.215	2035.44	ppb	50.8255	2.5	7252.11
As 188.980	217.541	ppb	12.9215	5.9	66.2289
B 249.678	394.685	ppb	9.5453	2.4	2953.98
Ba 389.178	192.741	ppb	4.6531	2.4	2653.23
Be 313.042	204.634	ppb	4.9216	2.4	271817
Ca 370.602	20344	ppb	470.6	2.3	61426
Cd 226.502	202.296	ppb	4.5832	2.3	3967.03

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	201.907	ppb	4.4714	2.2	1426.91
Cr 267.716	202.575	ppb	5.4882	2.7	2775.36
Cu 324.754	199.933	ppb	4.8691	2.4	5311.87
Fe 271.441	20620.9	ppb	513.707	2.5	12357.2
K 766.491	21280.5	ppb	425.320	2.0	2372087
Mg 279.078	21095.3	ppb	526.714	2.5	20315.3
Mn 257.610	2085.66	ppb	50.9871	2.4	173639
Mo 202.032	215.979	ppb	6.3200	2.9	596.463
Na 330.237	19348.0	ppb	460.815	2.4	1084.26
Ni 231.604	207.838	ppb	5.8966	2.8	497.826
Pb 220.353	204.173	ppb	10.7347	5.3	148.475
Sb 206.834	205.966	ppb	8.2449	4.0	110.546
Se 196.026	204.611	ppb	9.7090	4.7	50.4944
Sn 189.925	200.566	ppb	7.7486	3.9	98.6862
Sr 216.596	219.698	ppb	5.9041	2.7	1095.07
Ti 334.941	205.968	ppb	5.1285	2.5	34010.1
Tl 190.794	41.7490	ppb	3.1517	7.5	14.7466
V 292.401	208.950	ppb	5.0619	2.4	4701.72
Zn 206.200	195.999	ppb	5.1722	2.6	478.360

680-87360-g-1-a (Samp) **2/18/2013, 9:32:36 PM** **Rack 2, Tube 20**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1566	ppb	0.4278	273.2	-30.3132
Al 308.215	27.4775	ppb	4.7721	17.4	413.208
As 188.980	-4.5431	ppb	5.9604	131.2	-2.4282
B 249.678	415.097	ppb	10.2445	2.5	3136.10
Ba 389.178	121.790	ppb	2.5435	2.1	1667.17
Be 313.042	0.0123	ppb	0.0007	5.5	49.0293
Ca 370.602	133888	ppb	3183	2.4	425300
Cd 226.502	-0.0309	ppb	0.1090	352.5	16.2692
Co 228.615	5.7161	ppb	0.5752	10.1	29.5296
Cr 267.716	-0.2598	ppb	0.2396	92.2	2.5111
Cu 324.754	5.4227	ppb	0.4772	8.8	-54.8523
Fe 271.441	2037.59	ppb	48.7433	2.4	1207.56
K 766.491	6908.72	ppb	130.632	1.9	771582
Mg 279.078	23044.9	ppb	554.713	2.4	22251.1
Mn 257.610	837.203	ppb	20.4000	2.4	69706.4
Mo 202.032	7.6661	ppb	0.4700	6.1	22.7998
Na 330.237	71683.3	ppb	1368.28	1.9	4036.75
Ni 231.604	9.8564	ppb	0.6130	6.2	24.8039
Pb 220.353	-3.9432	ppb	1.5629	39.6	-0.2710
Sb 206.834	-4.4576	ppb	3.0074	67.5	-0.3259
Se 196.026	1.4825	ppb	6.0568	408.6	1.3857
Sn 189.925	-1.7791	ppb	2.5022	140.6	-1.5582
Sr 216.596	601.358	ppb	14.6805	2.4	3019.74
Ti 334.941	0.8594	ppb	0.0838	9.8	204.689
Tl 190.794	1.7051	ppb	10.3017	604.2	-1.7127
V 292.401	1.5331	ppb	0.2222	14.5	30.4276
Zn 206.200	5.1584	ppb	0.2531	4.9	14.2586

680-87360-g-1-b ms (Samp) **2/18/2013, 9:38:45 PM** **Rack 2, Tube 21**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	54.2124	ppb	1.4465	2.7	1407.44
Al 308.215	5339.65	ppb	79.0988	1.5	18474.2
As 188.980	109.093	ppb	1.3506	1.2	32.8049
B 249.678	634.580	ppb	7.0887	1.1	4746.76
Ba 389.178	225.091	ppb	2.4270	1.1	3093.05
Be 313.042	52.9884	ppb	0.7506	1.4	70438.6
Ca 370.602	142963	ppb	2039	1.4	453371
Cd 226.502	51.5964	ppb	0.8700	1.7	1025.40
Co 228.615	57.5249	ppb	0.0595	0.1	398.455
Cr 267.716	103.313	ppb	1.8838	1.8	1420.66
Cu 324.754	108.952	ppb	1.4607	1.3	2662.33
Fe 271.441	7165.21	ppb	86.2229	1.2	4284.28
K 766.491	13224.4	ppb	170.861	1.3	1474915
Mg 279.078	29091.6	ppb	527.664	1.8	28069.9
Mn 257.610	1385.35	ppb	20.2886	1.5	115341
Mo 202.032	118.564	ppb	1.1873	1.0	328.761
Na 330.237	79535.1	ppb	1055.51	1.3	4476.66
Ni 231.604	113.179	ppb	1.3963	1.2	271.689
Pb 220.353	46.6409	ppb	1.9146	4.1	35.2952
Sb 206.834	51.7821	ppb	5.3397	10.3	29.6842
Se 196.026	116.616	ppb	14.1155	12.1	29.2406
Sn 189.925	104.092	ppb	2.5068	2.4	50.6915
Sr 216.596	718.948	ppb	12.1368	1.7	3607.71
Ti 334.941	106.748	ppb	1.7953	1.7	17712.4
Tl 190.794	39.0685	ppb	2.6306	6.7	12.9860
V 292.401	107.116	ppb	1.5155	1.4	2406.59
Zn 206.200	109.808	ppb	0.9950	0.9	268.866

680-87360-g-1-c msd (Samp) **2/18/2013, 9:44:54 PM** **Rack 2, Tube 22**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	53.5907	ppb	0.8198	1.5	1390.99
Al 308.215	5252.81	ppb	64.5620	1.2	18179.0
As 188.980	109.049	ppb	4.6446	4.3	32.7936
B 249.678	631.277	ppb	9.1980	1.5	4722.56
Ba 389.178	223.889	ppb	2.3537	1.1	3076.26
Be 313.042	52.1102	ppb	0.6148	1.2	69271.9
Ca 370.602	142535	ppb	1686	1.2	452027
Cd 226.502	50.4871	ppb	1.0688	2.1	1003.75
Co 228.615	56.2432	ppb	1.0078	1.8	389.336
Cr 267.716	101.243	ppb	1.2687	1.3	1392.31
Cu 324.754	107.451	ppb	1.2186	1.1	2623.49
Fe 271.441	7057.02	ppb	82.8694	1.2	4219.38
K 766.491	13135.4	ppb	130.062	1.0	1465002
Mg 279.078	28883.6	ppb	343.731	1.2	27869.5
Mn 257.610	1376.36	ppb	15.9751	1.2	114592
Mo 202.032	115.676	ppb	1.7318	1.5	320.788
Na 330.237	79113.0	ppb	835.540	1.1	4452.94
Ni 231.604	110.885	ppb	1.9986	1.8	266.207
Pb 220.353	46.6827	ppb	4.7034	10.1	35.3387

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	53.6910	ppb	5.4724	10.2	30.6674
Se 196.026	115.604	ppb	12.0353	10.4	28.9955
Sn 189.925	105.282	ppb	5.1570	4.9	51.2797
Sr 216.596	714.984	ppb	8.1315	1.1	3587.86
Ti 334.941	104.991	ppb	1.3681	1.3	17421.7
Tl 190.794	40.8896	ppb	8.3146	20.3	13.7204
V 292.401	105.614	ppb	1.4346	1.4	2372.95
Zn 206.200	107.612	ppb	1.8544	1.7	263.519

680-87245-b-1-a (Samp) **2/18/2013, 9:51:04 PM** **Rack 2, Tube 23**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0098	ppb	0.2705	2764.1	-28.9435
Al 308.215	1874.96	ppb	130.757	7.0	6694.10
As 188.980	-1.1374	ppb	5.7246	503.3	-1.3327
B 249.678	57.3720	ppb	4.1476	7.2	497.886
Ba 389.178	19.1472	ppb	1.7797	9.3	268.954
Be 313.042	-0.0166	ppb	0.0265	159.7	-9.2079
Ca 370.602	62627	ppb	4009	6.4	198936
Cd 226.502	0.1971	ppb	0.1287	65.3	18.1161
Co 228.615	0.2476	ppb	0.5243	211.8	-10.8057
Cr 267.716	0.6275	ppb	0.2189	34.9	14.3022
Cu 324.754	23.7414	ppb	1.3815	5.8	570.633
Fe 271.441	630.987	ppb	42.8673	6.8	364.144
K 766.491	2669.76	ppb	126.710	4.7	299531
Mg 279.078	26089.1	ppb	1710.47	6.6	25193.4
Mn 257.610	43.8317	ppb	2.9393	6.7	3666.77
Mo 202.032	97.6337	ppb	7.8273	8.0	271.708
Na 330.237	14241.0	ppb	776.724	5.5	803.850
Ni 231.604	60.3842	ppb	4.2252	7.0	145.349
Pb 220.353	-0.2851	ppb	1.7935	629.1	2.0816
Sb 206.834	-1.1962	ppb	9.9802	834.3	0.6637
Se 196.026	9.0534	ppb	4.1349	45.7	3.0940
Sn 189.925	1.5488	ppb	1.6316	105.3	0.2868
Sr 216.596	87.6300	ppb	4.8827	5.6	433.017
Ti 334.941	-0.0402	ppb	0.0644	160.1	-1.1586
Tl 190.794	-4.0519	ppb	1.5292	37.7	-3.4769
V 292.401	0.8140	ppb	0.4387	53.9	-1.2397
Zn 206.200	7.9821	ppb	0.4535	5.7	21.1822

680-87283-d-1-b (Samp) **2/18/2013, 9:57:14 PM** **Rack 2, Tube 24**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.3856	ppb	0.2169	56.3	-18.5785
Al 308.215	-59.2759	ppb	1.8501	3.1	118.358
As 188.980	0.9264	ppb	0.5751	62.1	-0.6725
B 249.678	-6.0470	ppb	0.1269	2.1	31.6080
Ba 389.178	0.4519	ppb	0.1641	36.3	-26.7484
Be 313.042	-0.1767	ppb	0.0041	2.3	-227.077
Ca 370.602	3.732	ppb	2.783	74.6	-77.72
Cd 226.502	-0.3207	ppb	0.0644	20.1	6.7035

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	0.7183	ppb	0.1803	25.1	-6.0719
Cr 267.716	-0.0811	ppb	0.0949	116.9	4.6815
Cu 324.754	-1.5131	ppb	0.3243	21.4	25.6228
Fe 271.441	8.8765	ppb	1.5815	17.8	-8.8857
K 766.491	-7.2040	ppb	0.1913	2.7	1413.26
Mg 279.078	-11.0798	ppb	1.5828	14.3	12.4723
Mn 257.610	-0.0547	ppb	0.0174	31.8	0.2022
Mo 202.032	0.0054	ppb	0.2613	4833.8	1.8303
Na 330.237	112.725	ppb	58.2495	51.7	8.7561
Ni 231.604	0.1955	ppb	0.6664	340.9	0.9601
Pb 220.353	-1.6281	ppb	1.3795	84.7	1.4289
Sb 206.834	-1.3637	ppb	0.8980	65.8	0.2642
Se 196.026	-1.9429	ppb	1.5596	80.3	0.4357
Sn 189.925	-1.1342	ppb	1.3759	121.3	-0.8521
Sr 216.596	0.4342	ppb	0.3407	78.5	-4.2077
Ti 334.941	-0.0567	ppb	0.0445	78.4	-56.5680
Tl 190.794	0.5922	ppb	1.6773	283.2	-0.9851
V 292.401	0.0885	ppb	0.2145	242.4	0.3224
Zn 206.200	-0.3359	ppb	0.1997	59.4	0.2416

Cont Calib Verif (CCV) **2/18/2013, 10:03:23 PM** **Rack 2, Tube 25**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	495.787	ppb	12.5725	2.5	13074.9	99.15740
Al 308.215	4987.39	ppb	104.298	2.1	17581.5	99.74780
As 188.980	483.205	ppb	9.9350	2.1	150.007	96.64101
B 249.678	2434.87	ppb	41.2904	1.7	18041.4	97.39499
Ba 389.178	5065.84	ppb	97.3230	1.9	69189.3	101.31676
Be 313.042	500.317	ppb	9.9013	2.0	666896	100.06331
Ca 370.602	5106	ppb	89.50	1.8	15597	102.11002
Cd 226.502	496.008	ppb	10.0625	2.0	9614.93	99.20164
Co 228.615	497.638	ppb	10.5804	2.1	3536.38	99.52762
Cr 267.716	5006.21	ppb	101.858	2.0	68640.6	100.12419
Cu 324.754	4882.97	ppb	124.302	2.5	128944	97.65931
Fe 271.441	4907.78	ppb	106.434	2.2	2977.58	98.15558
K 766.491	10128.0	ppb	141.595	1.4	1128940	101.27989
Mg 279.078	5072.21	ppb	98.9155	2.0	4895.50	101.44415
Mn 257.610	5193.83	ppb	98.2396	1.9	432348	103.87663
Mo 202.032	527.670	ppb	10.2084	1.9	1452.72	105.53391
Na 330.237	7486.45	ppb	253.936	3.4	422.781	99.81931
Ni 231.604	2530.49	ppb	49.1873	1.9	6039.18	101.21967
Pb 220.353	489.286	ppb	11.6125	2.4	349.218	97.85718
Sb 206.834	493.746	ppb	9.0595	1.8	285.419	98.74919
Se 196.026	4978.89	ppb	83.2017	1.7	1204.25	99.57781
Sn 189.925	4966.18	ppb	120.537	2.4	2450.91	99.32355
Sr 216.596	2468.67	ppb	45.2784	1.8	12309.0	98.74665
Ti 334.941	505.212	ppb	10.0447	2.0	83671.7	101.04240
Tl 190.794	5119.04	ppb	98.6380	1.9	2047.70	102.38071
V 292.401	5041.70	ppb	94.7144	1.9	114295	100.83395
Zn 206.200	2559.37	ppb	44.9534	1.8	6214.07	102.37473

Cont Calib Blank (CCB) **2/18/2013, 10:09:31 PM** **Rack 2, Tube 26**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	0.0592	ppb	0.0680	114.9	-27.2084	0.05922
Al 308.215	1.2316	ppb	1.3146	106.7	324.005	1.23165
As 188.980	1.8838	ppb	3.8153	202.5	-0.3743	1.88379
B 249.678	8.2555	ppb	0.8523	10.3	137.159	8.25548
Ba 389.178	0.4676	ppb	0.0475	10.1	-26.5206	0.46762
Be 313.042	-0.0155	ppb	0.0069	44.5	-12.9461	-0.01554
Ca 370.602	-0.9105	ppb	2.694	295.9	-91.31	-0.91046
Cd 226.502	0.1252	ppb	0.2030	162.2	15.3149	0.12520
Co 228.615	-0.0626	ppb	0.5313	848.9	-11.6334	-0.06258
Cr 267.716	0.4126	ppb	0.3914	94.9	11.4534	0.41255
Cu 324.754	0.0988	ppb	0.0102	10.4	68.1836	0.09878
Fe 271.441	3.4391	ppb	3.3393	97.1	-12.1713	3.43911
K 766.491	0.1915	ppb	0.2169	113.3	2236.92	0.19147
Mg 279.078	-0.2066	ppb	0.7023	340.0	22.9842	-0.20656
Mn 257.610	0.0463	ppb	0.0261	56.4	8.6149	0.04629
Mo 202.032	-0.1383	ppb	1.0875	786.3	1.4337	-0.13831
Na 330.237	125.226	ppb	91.8010	73.3	9.4616	125.22571
Ni 231.604	-0.1168	ppb	0.8828	755.7	0.2132	-0.11681
Pb 220.353	-0.7907	ppb	1.5098	190.9	2.0257	-0.79070
Sb 206.834	-4.4323	ppb	1.3601	30.7	-1.3376	-4.43232
Se 196.026	3.9327	ppb	6.4844	164.9	1.8549	3.93275
Sn 189.925	-3.7282	ppb	2.4443	65.6	-2.1324	-3.72824
Sr 216.596	-0.1587	ppb	0.5045	317.9	-7.1822	-0.15870
Ti 334.941	0.0260	ppb	0.0453	174.0	-42.8835	0.02605
Tl 190.794	-2.4036	ppb	1.9059	79.3	-2.1820	-2.40355
V 292.401	0.4065	ppb	0.0612	15.1	7.5343	0.40654
Zn 206.200	-0.1948	ppb	0.2137	109.7	0.5834	-0.19483

680-87283-d-1-bSD^5 (Samp) **2/18/2013, 10:15:40 PM** **Rack 2, Tube 27**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0755	ppb	0.4232	560.4	-30.5789
Al 308.215	11.3164	ppb	0.4115	3.6	358.331
As 188.980	0.4994	ppb	4.5846	918.0	-0.8054
B 249.678	18.2664	ppb	0.6126	3.4	211.014
Ba 389.178	27.8815	ppb	0.3234	1.2	353.497
Be 313.042	-0.0230	ppb	0.0080	34.5	-20.8214
Ca 370.602	10732	ppb	7.782	0.1	34032
Cd 226.502	-0.0706	ppb	0.1891	267.8	11.5500
Co 228.615	-0.1304	ppb	0.2397	183.8	-12.1257
Cr 267.716	0.1924	ppb	0.3315	172.3	8.5104
Cu 324.754	0.7063	ppb	0.2268	32.1	63.1462
Fe 271.441	13.0476	ppb	2.4059	18.4	-6.4194
K 766.491	500.478	ppb	0.7077	0.1	57945.3
Mg 279.078	3736.57	ppb	8.2121	0.2	3628.30
Mn 257.610	57.5452	ppb	0.0499	0.1	4796.68
Mo 202.032	2.1123	ppb	0.6500	30.8	7.6554
Na 330.237	4240.04	ppb	180.080	4.2	241.078
Ni 231.604	1.0886	ppb	0.4364	40.1	3.2020
Pb 220.353	-2.3087	ppb	0.7437	32.2	0.9323

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-5.1707	ppb	2.0862	40.3	-1.6498
Se 196.026	-0.0096	ppb	5.1542	53481.0	0.9122
Sn 189.925	0.4125	ppb	2.2394	543.0	-0.1201
Sr 216.596	85.1749	ppb	0.2825	0.3	421.847
Ti 334.941	-0.0716	ppb	0.0578	80.7	-50.1065
Tl 190.794	-2.2289	ppb	1.0908	48.9	-2.2012
V 292.401	0.6700	ppb	0.1464	21.9	13.1693
Zn 206.200	0.4043	ppb	0.4151	102.7	2.1404

680-87283-d-1-bPDS (Samp) **2/18/2013, 10:21:49 PM** **Rack 2, Tube 28**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	49.9621	ppb	0.6650	1.3	1292.07
Al 308.215	2016.05	ppb	10.7256	0.5	7214.94
As 188.980	2147.48	ppb	8.6659	0.4	667.460
B 249.678	1059.53	ppb	3.4659	0.3	7898.46
Ba 389.178	2151.46	ppb	7.1101	0.3	29390.2
Be 313.042	50.5418	ppb	0.1975	0.4	67346.3
Ca 370.602	56534	ppb	224.6	0.4	179612
Cd 226.502	50.1550	ppb	0.0470	0.1	985.066
Co 228.615	498.828	ppb	4.5488	0.9	3548.08
Cr 267.716	199.917	ppb	0.6425	0.3	2746.01
Cu 324.754	246.372	ppb	0.8580	0.3	6454.69
Fe 271.441	1032.63	ppb	8.3604	0.8	627.353
K 766.491	8120.35	ppb	35.4406	0.4	906040
Mg 279.078	23102.1	ppb	171.014	0.7	22309.1
Mn 257.610	793.794	ppb	3.3821	0.4	66101.4
Mo 202.032	547.589	ppb	3.3462	0.6	1514.92
Na 330.237	26265.2	ppb	212.557	0.8	1475.07
Ni 231.604	503.513	ppb	2.6248	0.5	1202.95
Pb 220.353	499.123	ppb	8.5092	1.7	360.161
Sb 206.834	521.901	ppb	1.5156	0.3	271.497
Se 196.026	2064.43	ppb	9.8305	0.5	499.639
Sn 189.925	1006.31	ppb	1.5841	0.2	496.418
Sr 216.596	919.507	ppb	4.5484	0.5	4592.04
Ti 334.941	1003.14	ppb	4.7087	0.5	165750
Tl 190.794	2125.04	ppb	4.2074	0.2	848.058
V 292.401	510.564	ppb	2.6125	0.5	11503.7
Zn 206.200	510.029	ppb	3.3934	0.7	1242.21

680-87283-d-3-a (Samp) **2/18/2013, 10:27:57 PM** **Rack 2, Tube 29**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.1455	ppb	0.2103	144.5	-23.9713
Al 308.215	7.4632	ppb	5.7781	77.4	345.293
As 188.980	-1.0902	ppb	4.6249	424.2	-1.3147
B 249.678	65.6228	ppb	4.4296	6.8	559.583
Ba 389.178	174.757	ppb	12.8396	7.3	2383.84
Be 313.042	-0.0119	ppb	0.0192	161.8	2.9874
Ca 370.602	52328	ppb	3537	6.8	166206
Cd 226.502	0.0433	ppb	0.1945	448.8	14.8585

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	0.4856	ppb	0.5092	104.9	-7.6539
Cr 267.716	-0.1310	ppb	0.3622	276.5	4.1714
Cu 324.754	1.6950	ppb	0.2588	15.3	7.7667
Fe 271.441	564.030	ppb	30.7035	5.4	323.941
K 766.491	2546.01	ppb	138.674	5.4	285713
Mg 279.078	19573.8	ppb	1362.62	7.0	18907.0
Mn 257.610	315.211	ppb	21.7538	6.9	26253.0
Mo 202.032	2.0225	ppb	1.0163	50.2	7.3491
Na 330.237	22081.6	ppb	1347.61	6.1	1245.20
Ni 231.604	5.6879	ppb	0.8620	15.2	14.6839
Pb 220.353	-3.6939	ppb	2.8142	76.2	-0.0678
Sb 206.834	-0.4833	ppb	6.5733	1360.2	1.1156
Se 196.026	5.4146	ppb	7.5139	138.8	2.2608
Sn 189.925	1.1402	ppb	3.2634	286.2	0.1177
Sr 216.596	423.513	ppb	29.2503	6.9	2123.12
Ti 334.941	-0.0265	ppb	0.1061	400.9	-8.0800
Tl 190.794	-1.5747	ppb	0.4731	30.0	-2.2974
V 292.401	2.7776	ppb	0.3653	13.2	60.7811
Zn 206.200	2.0825	ppb	0.2383	11.4	6.6523

mb 680-266243/1-a (Samp) **2/18/2013, 10:34:06 PM** **Rack 2, Tube 30**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2705	ppb	0.9001	332.8	-35.9218
Al 308.215	6.3682	ppb	1.7476	27.4	341.469
As 188.980	0.4596	ppb	5.0881	1107.0	-0.8177
B 249.678	0.6104	ppb	0.3953	64.8	80.7371
Ba 389.178	-0.1437	ppb	0.8541	594.2	-34.8704
Be 313.042	-0.0211	ppb	0.0066	31.1	-20.4026
Ca 370.602	3.993	ppb	2.964	74.2	-75.53
Cd 226.502	0.1946	ppb	0.1826	93.8	16.6548
Co 228.615	-0.4218	ppb	0.5084	120.5	-14.1984
Cr 267.716	0.5010	ppb	0.2000	39.9	12.6670
Cu 324.754	0.1872	ppb	0.5979	319.4	70.5144
Fe 271.441	-0.0428	ppb	8.3797	19564.5	-14.2641
K 766.491	0.6642	ppb	0.0712	10.7	2289.73
Mg 279.078	2.7010	ppb	0.9910	36.7	25.7933
Mn 257.610	-0.0198	ppb	0.0501	252.6	3.1104
Mo 202.032	-0.1388	ppb	0.5809	418.7	1.4327
Na 330.237	84.3101	ppb	65.6588	77.9	7.1606
Ni 231.604	1.0914	ppb	1.1486	105.2	3.0955
Pb 220.353	-1.7909	ppb	3.4382	192.0	1.3063
Sb 206.834	1.4220	ppb	6.9435	488.3	1.7162
Se 196.026	7.4381	ppb	5.7239	77.0	2.7015
Sn 189.925	-1.7250	ppb	1.2627	73.2	-1.1437
Sr 216.596	-0.4375	ppb	0.1806	41.3	-8.6244
Ti 334.941	-0.0775	ppb	0.0534	68.9	-59.9865
Tl 190.794	-1.2598	ppb	3.8879	308.6	-1.7258
V 292.401	0.4263	ppb	0.1639	38.5	7.9360
Zn 206.200	0.4865	ppb	0.8034	165.1	2.2417

lcs 680-266243/2-a (Samp) **2/18/2013, 10:40:14 PM** **Rack 2, Tube 31**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.2489	ppb	0.4853	0.9	1326.46
Al 308.215	4861.37	ppb	20.7747	0.4	16848.5
As 188.980	103.141	ppb	9.4127	9.1	31.0126
B 249.678	192.531	ppb	1.5198	0.8	1488.42
Ba 389.178	98.1674	ppb	0.3219	0.3	1321.08
Be 313.042	50.8340	ppb	0.2045	0.4	67550.6
Ca 370.602	4959	ppb	22.23	0.4	14932
Cd 226.502	49.0273	ppb	0.3774	0.8	971.235
Co 228.615	49.2053	ppb	0.8194	1.7	339.198
Cr 267.716	99.4697	ppb	0.3747	0.4	1367.76
Cu 324.754	99.2968	ppb	0.7970	0.8	2679.10
Fe 271.441	4862.89	ppb	6.4360	0.1	2903.68
K 766.491	5030.89	ppb	18.9215	0.4	562462
Mg 279.078	5074.59	ppb	15.6302	0.3	4904.73
Mn 257.610	518.310	ppb	2.2323	0.4	43155.1
Mo 202.032	106.847	ppb	0.9051	0.8	296.605
Na 330.237	4682.34	ppb	65.1726	1.4	264.011
Ni 231.604	101.793	ppb	0.4322	0.4	243.689
Pb 220.353	47.1065	ppb	2.1211	4.5	35.7154
Sb 206.834	48.8962	ppb	0.4928	1.0	27.1067
Se 196.026	100.808	ppb	2.9309	2.9	25.2972
Sn 189.925	94.4194	ppb	1.4476	1.5	46.3163
Sr 216.596	100.710	ppb	1.3421	1.3	496.663
Ti 334.941	101.622	ppb	0.4541	0.4	16752.1
Tl 190.794	37.7567	ppb	4.8697	12.9	13.6771
V 292.401	101.942	ppb	0.3465	0.3	2292.66
Zn 206.200	99.5906	ppb	0.5489	0.6	243.333

lcs 680-266243/3-a (Samp) **2/18/2013, 10:46:23 PM** **Rack 2, Tube 32**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	201.858	ppb	1.1499	0.6	5309.80
Al 308.215	1895.51	ppb	7.8339	0.4	6775.93
As 188.980	204.625	ppb	2.9349	1.4	62.2396
B 249.678	372.937	ppb	1.0163	0.3	2795.46
Ba 389.178	183.045	ppb	1.8024	1.0	2517.31
Be 313.042	193.984	ppb	0.5215	0.3	257672
Ca 370.602	19277	ppb	47.78	0.2	58218
Cd 226.502	191.180	ppb	0.6114	0.3	3749.65
Co 228.615	188.886	ppb	1.0616	0.6	1334.15
Cr 267.716	191.566	ppb	0.8211	0.4	2624.87
Cu 324.754	189.914	ppb	0.6651	0.4	5048.97
Fe 271.441	19371.6	ppb	77.8067	0.4	11607.7
K 766.491	19365.2	ppb	59.4116	0.3	2158792
Mg 279.078	19645.0	ppb	64.0467	0.3	18919.5
Mn 257.610	1977.11	ppb	4.9876	0.3	164602
Mo 202.032	205.888	ppb	1.0505	0.5	568.702
Na 330.237	17918.8	ppb	177.684	1.0	1004.21
Ni 231.604	194.629	ppb	2.0697	1.1	466.219
Pb 220.353	188.403	ppb	3.5993	1.9	137.189

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	195.435	ppb	4.3646	2.2	104.942
Se 196.026	202.232	ppb	14.2614	7.1	49.9120
Sn 189.925	187.803	ppb	4.6957	2.5	92.3876
Sr 216.596	207.150	ppb	1.2175	0.6	1032.17
Ti 334.941	196.174	ppb	0.6031	0.3	32390.5
Tl 190.794	36.9474	ppb	3.8037	10.3	12.8692
V 292.401	199.610	ppb	0.6397	0.3	4491.52
Zn 206.200	182.334	ppb	0.2837	0.2	445.074

680-87430-a-2-a (Samp) **2/18/2013, 10:52:32 PM** **Rack 2, Tube 33**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-1.0264b	ppb	0.7199	70.1	-55.7515
Al 308.215	2014.48b	ppb	2.2654	0.1	7166.63
As 188.980	21.2390b	ppb	3.1155	14.7	5.6317
B 249.678	24.2599b	ppb	1.0594	4.4	254.765
Ba 389.178	0.1896b	ppb	0.1982	104.6	-18.3603
Be 313.042	0.2939b	ppb	0.0042	1.4	52.3325
Ca 370.602	9727b	ppb	13.05	0.1	30811
Cd 226.502	0.7115b	ppb	0.2685	37.7	14.9187
Co 228.615	-0.5947b	ppb	0.4531	76.2	-15.8551
Cr 267.716	-1.6437b	ppb	0.1822	11.1	4.7422
Cu 324.754	3.8628b	ppb	0.6818	17.7	149.222
Fe 271.441	179.592b	ppb	4.6978	2.6	93.4556
K 766.491	-xb	ppb	66.6717	0.2	4219096
Mg 279.078	7721.57b	ppb	18.6303	0.2	7472.74
Mn 257.610	42.6372b	ppb	0.1157	0.3	3549.53
Mo 202.032	31.1238b	ppb	0.4945	1.6	87.8663
Na 330.237	-xb	ppb	47411.1	1.0	255980
Ni 231.604	67.4701b	ppb	1.4916	2.2	161.678
Pb 220.353	-1.1700b	ppb	4.9143	420.0	1.5186
Sb 206.834	-4.7699b	ppb	1.5684	32.9	-1.5358
Se 196.026	14.0017b	ppb	4.2652	30.5	4.2924
Sn 189.925	16.7192b	ppb	3.2788	19.6	8.8226
Sr 216.596	12.6349b	ppb	0.8991	7.1	54.9981
Ti 334.941	1.3654b	ppb	0.0843	6.2	-7.6496
Tl 190.794	-2.9965b	ppb	1.9802	66.1	-2.5507
V 292.401	3.8600b	ppb	0.1208	3.1	52.5639
Zn 206.200	1.6664b	ppb	0.6886	41.3	5.3212

680-87430-a-2-aSD^5 (Samp) **2/18/2013, 10:58:41 PM** **Rack 2, Tube 34**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.7828b	ppb	0.3376	43.1	-49.4317
Al 308.215	415.011b	ppb	3.1097	0.7	1730.36
As 188.980	10.2567b	ppb	5.6126	54.7	2.2280
B 249.678	1.9688b	ppb	0.6829	34.7	90.6559
Ba 389.178	0.0559b	ppb	0.9813	1754.5	-29.5373
Be 313.042	0.0490b	ppb	0.0097	19.7	2.8225
Ca 370.602	2051b	ppb	0.8561	0.0	6426
Cd 226.502	0.3292b	ppb	0.1279	38.8	16.8832

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	-0.2031b	ppb	0.8243	405.8	-12.7281
Cr 267.716	0.1665b	ppb	0.1498	90.0	12.4310
Cu 324.754	1.0419b	ppb	0.2869	27.5	89.2224
Fe 271.441	34.5697b	ppb	4.2275	12.2	6.4906
K 766.491	5555.74b	ppb	20.4448	0.4	620936
Mg 279.078	1690.76b	ppb	6.7089	0.4	1654.39
Mn 257.610	9.0373b	ppb	0.0519	0.6	756.201
Mo 202.032	6.1731b	ppb	0.3179	5.1	18.8837
Na 330.237	-xb	ppb	2647.38	0.3	51794.4
Ni 231.604	14.2412b	ppb	1.7641	12.4	34.5170
Pb 220.353	-2.1620b	ppb	1.0139	46.9	0.9919
Sb 206.834	0.6030b	ppb	0.3248	53.9	1.2897
Se 196.026	2.3397b	ppb	6.6635	284.8	1.4713
Sn 189.925	3.4874b	ppb	1.7596	50.5	1.6034
Sr 216.596	3.1138b	ppb	0.5327	17.1	8.8114
Ti 334.941	0.2103b	ppb	0.0740	35.2	-50.0194
Tl 190.794	1.5077b	ppb	5.5906	370.8	-0.6482
V 292.401	0.9777b	ppb	0.0829	8.5	13.6778
Zn 206.200	1.2926b	ppb	0.8928	69.1	4.2479

680-87430-a-2-aPDS (Samp) **2/18/2013, 11:04:51 PM** **Rack 2, Tube 35**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	54.9663b	ppb	0.5221	0.9	1423.57
Al 308.215	4143.06b	ppb	10.5523	0.3	14444.3
As 188.980	2351.48b	ppb	28.4157	1.2	730.937
B 249.678	1060.08b	ppb	1.6484	0.2	7901.94
Ba 389.178	2033.05b	ppb	4.4419	0.2	27757.6
Be 313.042	50.7830b	ppb	0.1124	0.2	67312.7
Ca 370.602	14724b	ppb	27.79	0.2	46653
Cd 226.502	50.9368b	ppb	0.2957	0.6	988.354
Co 228.615	491.869b	ppb	0.6647	0.1	3498.10
Cr 267.716	199.270b	ppb	1.2369	0.6	2758.23
Cu 324.754	260.131b	ppb	0.8044	0.3	6900.79
Fe 271.441	1158.22b	ppb	11.1597	1.0	702.460
K 766.491	-xb	ppb	86.9830	0.2	5366952
Mg 279.078	12683.2b	ppb	15.0122	0.1	12256.4
Mn 257.610	558.030b	ppb	1.7254	0.3	46463.0
Mo 202.032	573.696b	ppb	0.8566	0.1	1587.10
Na 330.237	-xb	ppb	11581.0	0.3	256391
Ni 231.604	563.846b	ppb	1.8703	0.3	1346.47
Pb 220.353	481.546b	ppb	3.8277	0.8	347.290
Sb 206.834	551.920b	ppb	7.1238	1.3	286.776
Se 196.026	2461.98b	ppb	4.2916	0.2	595.618
Sn 189.925	1021.36b	ppb	3.1280	0.3	504.859
Sr 216.596	535.577b	ppb	1.9177	0.4	2659.56
Ti 334.941	1007.39b	ppb	1.8285	0.2	166223
Tl 190.794	1946.17b	ppb	7.5740	0.4	776.918
V 292.401	517.126b	ppb	0.8121	0.2	11620.4
Zn 206.200	536.238b	ppb	3.4183	0.6	1305.71

680-87430-a-2-b ms (Samp) **2/18/2013, 11:11:00 PM** **Rack 2, Tube 36**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	56.6245b	ppb	0.5002	0.9	1468.72
Al 308.215	7458.78b	ppb	10.1814	0.1	25676.6
As 188.980	134.177b	ppb	12.4107	9.2	40.6587
B 249.678	233.327b	ppb	0.9471	0.4	1789.36
Ba 389.178	99.4026b	ppb	0.6691	0.7	1349.83
Be 313.042	51.8008b	ppb	0.0048	0.0	68483.2
Ca 370.602	14995b	ppb	17.34	0.1	46849
Cd 226.502	51.1269b	ppb	0.1020	0.2	999.472
Co 228.615	48.6017b	ppb	0.6180	1.3	334.432
Cr 267.716	99.2896b	ppb	0.4685	0.5	1387.26
Cu 324.754	108.368b	ppb	0.4881	0.5	2899.60
Fe 271.441	4832.97b	ppb	13.8654	0.3	2885.77
K 766.491	-xb	ppb	60.6544	0.1	5508455
Mg 279.078	12893.1b	ppb	34.1487	0.3	12448.5
Mn 257.610	560.034b	ppb	0.6036	0.1	46623.6
Mo 202.032	140.372b	ppb	1.2973	0.9	389.319
Na 330.237	-xb	ppb	5406.18	0.1	261043
Ni 231.604	169.460b	ppb	0.4941	0.3	405.332
Pb 220.353	48.0949b	ppb	2.0569	4.3	36.1309
Sb 206.834	45.6953b	ppb	10.1124	22.1	25.4136
Se 196.026	133.186b	ppb	3.7018	2.8	33.1245
Sn 189.925	126.678b	ppb	3.4696	2.7	63.1160
Sr 216.596	116.615b	ppb	0.9536	0.8	574.380
Ti 334.941	103.397b	ppb	0.1639	0.2	16856.1
Tl 190.794	32.9685b	ppb	5.6828	17.2	11.6342
V 292.401	107.282b	ppb	0.2681	0.2	2379.43
Zn 206.200	108.969b	ppb	0.9302	0.9	266.355

Cont Calib Verif (CCV) **2/18/2013, 11:17:10 PM** **Rack 2, Tube 37**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	491.633	ppb	1.4203	0.3	12965.1	98.32655
Al 308.215	4967.89	ppb	8.1475	0.2	17517.0	99.35776
As 188.980	477.539	ppb	1.2308	0.3	148.244	95.50779
B 249.678	2407.48	ppb	5.8829	0.2	17839.2	96.29916
Ba 389.178	5100.56	ppb	10.2708	0.2	69663.6	102.01118
Be 313.042	499.522	ppb	1.0563	0.2	665856	99.90435
Ca 370.602	5121	ppb	10.88	0.2	15643	102.42045
Cd 226.502	496.343	ppb	1.3721	0.3	9621.45	99.26855
Co 228.615	498.683	ppb	0.8946	0.2	3543.84	99.73659
Cr 267.716	5014.74	ppb	13.0196	0.3	68757.5	100.29485
Cu 324.754	4878.38	ppb	26.7148	0.5	128823	97.56753
Fe 271.441	4916.14	ppb	10.9555	0.2	2982.89	98.32273
K 766.491	10078.5	ppb	29.1426	0.3	1123419	100.78491
Mg 279.078	5101.78	ppb	18.9429	0.4	4923.95	102.03569
Mn 257.610	5205.79	ppb	10.1837	0.2	433343	104.11570
Mo 202.032	532.613	ppb	1.0159	0.2	1466.34	106.52263
Na 330.237	7523.36	ppb	82.0893	1.1	424.866	100.31153
Ni 231.604	2543.66	ppb	8.5438	0.3	6070.60	101.74654
Pb 220.353	496.187	ppb	3.5749	0.7	354.164	99.23747

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sb 206.834	492.641	ppb	8.9307	1.8	284.852	98.52816
Se 196.026	4933.87	ppb	24.6440	0.5	1193.38	98.67738
Sn 189.925	4994.80	ppb	14.4864	0.3	2465.04	99.89606
Sr 216.596	2482.65	ppb	5.6143	0.2	12378.8	99.30609
Ti 334.941	507.201	ppb	1.1846	0.2	84001.0	101.44016
Tl 190.794	5115.40	ppb	9.5008	0.2	2046.27	102.30798
V 292.401	5074.00	ppb	13.5245	0.3	115028	101.48004
Zn 206.200	2580.61	ppb	4.2701	0.2	6265.73	103.22458

Cont Calib Blank (CCB) **2/18/2013, 11:23:19 PM** **Rack 2, Tube 38**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	0.1070	ppb	0.0586	54.8	-25.9419	0.10704
Al 308.215	-3.2325	ppb	3.0833	95.4	308.838	-3.23248
As 188.980	1.6709	ppb	2.4683	147.7	-0.4404	1.67088
B 249.678	9.0943	ppb	2.0122	22.1	143.350	9.09427
Ba 389.178	0.1678	ppb	0.3081	183.6	-30.6210	0.16782
Be 313.042	-0.0321	ppb	0.0097	30.2	-35.1064	-0.03212
Ca 370.602	1.809	ppb	3.263	180.4	-82.00	1.80893
Cd 226.502	-0.1282	ppb	0.1497	116.7	10.4052	-0.12824
Co 228.615	-0.2355	ppb	0.1002	42.5	-12.8729	-0.23548
Cr 267.716	0.5075	ppb	0.2154	42.4	12.7596	0.50753
Cu 324.754	-0.0428	ppb	0.0640	149.5	64.4419	-0.04280
Fe 271.441	-2.4359	ppb	2.7677	113.6	-15.7000	-2.43586
K 766.491	0.1178	ppb	0.2198	186.7	2228.75	0.11776
Mg 279.078	-3.4431	ppb	4.1068	119.3	19.8735	-3.44308
Mn 257.610	0.0578	ppb	0.0536	92.7	9.5667	0.05776
Mo 202.032	0.1276	ppb	0.9639	755.7	2.1695	0.12756
Na 330.237	-18.6176	ppb	85.8789	461.3	1.3658	-18.61756
Ni 231.604	-0.3696	ppb	0.5332	144.3	-0.3889	-0.36958
Pb 220.353	-3.5156	ppb	4.1129	117.0	0.0676	-3.51562
Sb 206.834	-1.8632	ppb	1.0809	58.0	-0.0010	-1.86323
Se 196.026	-11.2102	ppb	3.3796	30.1	-1.8025	-11.21017Z
Sn 189.925	2.0297	ppb	3.3501	165.1	0.7095	2.02967
Sr 216.596	0.1962	ppb	0.2711	138.2	-5.4009	0.19617
Ti 334.941	0.0980	ppb	0.0705	72.0	-30.9925	0.09802
Tl 190.794	-1.4178	ppb	6.0073	423.7	-1.7891	-1.41778
V 292.401	0.2169	ppb	0.1094	50.4	3.1236	0.21688
Zn 206.200	-0.1829	ppb	0.3830	209.4	0.6128	-0.18293

680-87430-a-2-c msd (Samp) **2/18/2013, 11:29:27 PM** **Rack 2, Tube 39**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	55.0841b	ppb	0.2377	0.4	1427.98
Al 308.215	7136.40b	ppb	25.6412	0.4	24580.7
As 188.980	137.897b	ppb	2.7841	2.0	41.8219
B 249.678	228.394b	ppb	1.1432	0.5	1753.25
Ba 389.178	94.9132b	ppb	0.9233	1.0	1287.49
Be 313.042	49.9229b	ppb	0.1688	0.3	66003.1
Ca 370.602	14357b	ppb	58.48	0.4	44845
Cd 226.502	49.5013b	ppb	0.4723	1.0	968.217

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	46.8186b	ppb	0.5865	1.3	321.756
Cr 267.716	96.0855b	ppb	0.3858	0.4	1342.45
Cu 324.754	103.440b	ppb	0.5163	0.5	2770.63
Fe 271.441	4680.57b	ppb	15.0332	0.3	2794.31
K 766.491	-xb	ppb	166.965	0.4	5236089
Mg 279.078	12350.0b	ppb	33.3798	0.3	11924.9
Mn 257.610	540.295b	ppb	1.9850	0.4	44980.5
Mo 202.032	134.675b	ppb	0.4351	0.3	373.588
Na 330.237	-xb	ppb	12291.2	0.3	249913
Ni 231.604	161.896b	ppb	1.5460	1.0	387.263
Pb 220.353	42.0461b	ppb	4.8769	11.6	31.8269
Sb 206.834	48.1923b	ppb	4.7764	9.9	26.7037
Se 196.026	137.977b	ppb	9.0238	6.5	34.2796
Sn 189.925	117.514b	ppb	2.8441	2.4	58.5558
Sr 216.596	113.229b	ppb	0.6616	0.6	557.600
Ti 334.941	99.8064b	ppb	0.3400	0.3	16270.6
Tl 190.794	29.8815b	ppb	5.4042	18.1	10.4138
V 292.401	103.512b	ppb	0.5444	0.5	2296.04
Zn 206.200	105.514b	ppb	1.5945	1.5	257.941

680-87423-a-1-a (Samp) **2/18/2013, 11:35:36 PM** **Rack 2, Tube 40**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2971	ppb	0.3047	102.6	-34.1626
Al 308.215	38.8765	ppb	0.6509	1.7	452.281
As 188.980	10.7196	ppb	6.3918	59.6	2.3383
B 249.678	28.6229	ppb	0.8021	2.8	287.710
Ba 389.178	12.7685	ppb	0.4087	3.2	150.514
Be 313.042	-0.0096	ppb	0.0077	80.6	1.2263
Ca 370.602	33009	ppb	63.33	0.2	104876
Cd 226.502	1.9577	ppb	0.0472	2.4	50.6699
Co 228.615	15.1872	ppb	0.3414	2.2	97.0025
Cr 267.716	1.7955	ppb	0.5009	27.9	31.3424
Cu 324.754	51.2984	ppb	0.5064	1.0	1356.14
Fe 271.441	39.2179	ppb	4.8759	12.4	9.8696
K 766.491	1769.15	ppb	3.8489	0.2	199235
Mg 279.078	5991.76	ppb	18.4313	0.3	5803.28
Mn 257.610	689.568	ppb	0.8419	0.1	57407.2
Mo 202.032	1.0282	ppb	0.5310	51.6	4.6503
Na 330.237	51658.1	ppb	125.072	0.2	2910.73
Ni 231.604	241.812	ppb	1.1033	0.5	577.489
Pb 220.353	-0.0625	ppb	1.5338	2452.6	2.5414
Sb 206.834	-0.0146	ppb	4.2493	29044.0	1.2154
Se 196.026	3.3025	ppb	18.0755	547.3	1.8174
Sn 189.925	-1.4998	ppb	1.0862	72.4	-1.1215
Sr 216.596	87.4307	ppb	0.0401	0.0	426.558
Ti 334.941	0.2184	ppb	0.0697	31.9	14.5561
Tl 190.794	1.7789	ppb	3.0079	169.1	-0.7547
V 292.401	5.9577	ppb	0.1114	1.9	132.151
Zn 206.200	408.838	ppb	1.7784	0.4	996.097

680-87364-e-1-a (Samp) **2/18/2013, 11:41:45 PM** **Rack 2, Tube 41**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0135	ppb	0.2778	2065.5	-28.8918
Al 308.215	10.2276	ppb	1.9699	19.3	354.578
As 188.980	-3.2247	ppb	4.5476	141.0	-1.9652
B 249.678	22.1553	ppb	0.9882	4.5	239.725
Ba 389.178	129.037	ppb	2.2056	1.7	1739.63
Be 313.042	-0.0268	ppb	0.0101	37.8	-25.3617
Ca 370.602	30521	ppb	372.7	1.2	96948
Cd 226.502	0.0757	ppb	0.0728	96.2	14.2908
Co 228.615	0.4741	ppb	0.7539	159.0	-7.7458
Cr 267.716	0.2963	ppb	0.3622	122.2	10.1312
Cu 324.754	705.354	ppb	10.6220	1.5	18630.9
Fe 271.441	51.3326	ppb	4.4932	8.8	16.5576
K 766.491	9476.59	ppb	96.9318	1.0	1057554
Mg 279.078	6802.73	ppb	70.2612	1.0	6586.68
Mn 257.610	23.5976	ppb	0.3640	1.5	1972.40
Mo 202.032	-0.1518	ppb	0.2354	155.1	1.3948
Na 330.237	53799.2	ppb	766.430	1.4	3030.72
Ni 231.604	2.0257	ppb	0.6982	34.5	5.5320
Pb 220.353	-2.4978	ppb	4.8193	192.9	0.7977
Sb 206.834	0.7614	ppb	4.4370	582.7	1.5941
Se 196.026	2.3885	ppb	7.1777	300.5	1.4857
Sn 189.925	-0.4008	ppb	0.9142	228.1	-0.5712
Sr 216.596	464.153	ppb	5.8947	1.3	2325.97
Ti 334.941	-0.0019	ppb	0.0330	1714.4	-25.0195
Tl 190.794	0.3951	ppb	1.2946	327.6	-1.3124
V 292.401	0.3597	ppb	0.0338	9.4	6.1169
Zn 206.200	32.4138	ppb	0.6669	2.1	80.1144

680-87245-b-1-b (Samp) **2/18/2013, 11:47:54 PM** **Rack 2, Tube 42**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3561	ppb	0.3732	104.8	-38.0981
Al 308.215	1763.20	ppb	3.4255	0.2	6314.17
As 188.980	-2.8539	ppb	5.5808	195.6	-1.8666
B 249.678	50.2163	ppb	0.5774	1.1	445.117
Ba 389.178	19.3258	ppb	0.7019	3.6	268.940
Be 313.042	-0.0333	ppb	0.0093	28.1	-31.5835
Ca 370.602	60139	ppb	156.9	0.3	191026
Cd 226.502	0.3229	ppb	0.3243	100.4	20.5319
Co 228.615	0.7688	ppb	0.3462	45.0	-7.0379
Cr 267.716	0.7737	ppb	0.6647	85.9	16.3002
Cu 324.754	17.0521	ppb	0.3770	2.2	398.854
Fe 271.441	621.539	ppb	7.8881	1.3	358.498
K 766.491	2410.16	ppb	6.0775	0.3	270620
Mg 279.078	24611.3	ppb	28.2928	0.1	23767.6
Mn 257.610	42.2397	ppb	0.1550	0.4	3533.45
Mo 202.032	94.6717	ppb	0.9057	1.0	263.518
Na 330.237	13467.2	ppb	254.835	1.9	760.291
Ni 231.604	57.4908	ppb	0.6328	1.1	138.397
Pb 220.353	0.1512	ppb	3.3460	2213.6	2.4099

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	0.9770	ppb	2.6415	270.4	1.7892
Se 196.026	8.7629	ppb	11.9356	136.2	3.0236
Sn 189.925	-1.5443	ppb	3.5857	232.2	-1.2324
Sr 216.596	84.4215	ppb	1.0362	1.2	416.953
Ti 334.941	0.0731	ppb	0.0507	69.3	15.4708
Tl 190.794	-5.8629	ppb	4.7200	80.5	-4.1746
V 292.401	0.6369	ppb	0.1707	26.8	-4.5896
Zn 206.200	4.6666	ppb	0.4560	9.8	13.0707

680-87432-a-1-a (Samp) **2/18/2013, 11:54:03 PM** **Rack 2, Tube 43**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.4727	ppb	1.1037	233.5	-16.2991
Al 308.215	11.7124	ppb	2.8388	24.2	359.667
As 188.980	0.9400	ppb	3.3042	351.5	-0.6683
B 249.678	7.5348	ppb	0.5271	7.0	131.808
Ba 389.178	21.1694	ppb	0.9238	4.4	262.984
Be 313.042	-0.0351	ppb	0.0085	24.3	-32.3394
Ca 370.602	31646	ppb	548.1	1.7	100524
Cd 226.502	0.4244	ppb	0.0865	20.4	21.1403
Co 228.615	0.1394	ppb	0.1053	75.5	-10.2115
Cr 267.716	-0.1005	ppb	0.4505	448.4	4.4456
Cu 324.754	2.4440	ppb	0.3201	13.1	67.6218
Fe 271.441	47.4845	ppb	6.0655	12.8	14.2445
K 766.491	1583.30	ppb	22.0161	1.4	178536
Mg 279.078	4498.52	ppb	88.7106	2.0	4363.52
Mn 257.610	5.0439	ppb	0.0749	1.5	426.961
Mo 202.032	1.1747	ppb	1.0086	85.9	5.0629
Na 330.237	6031.17	ppb	128.468	2.1	341.919
Ni 231.604	0.2831	ppb	0.1139	40.2	1.3027
Pb 220.353	-3.7461	ppb	1.5053	40.2	-0.1012
Sb 206.834	0.3740	ppb	5.5930	1495.7	1.3984
Se 196.026	8.1739	ppb	8.7730	107.3	2.8799
Sn 189.925	-0.3268	ppb	2.6838	821.3	-0.5474
Sr 216.596	209.869	ppb	3.3644	1.6	1049.06
Ti 334.941	0.0800	ppb	0.0517	64.6	-7.5885
Tl 190.794	-4.5444	ppb	1.4511	31.9	-3.2955
V 292.401	0.2937	ppb	0.0572	19.5	4.6089
Zn 206.200	19.0267	ppb	0.4477	2.4	47.4779

680-87387-c-1-b (Samp) **2/19/2013, 12:00:12 AM** **Rack 2, Tube 44**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.7125b	ppb	0.1280	18.0	-49.8119
Al 308.215	826.010b	ppb	3.2589	0.4	3126.75
As 188.980	65.7385b	ppb	7.7962	11.9	18.5784
B 249.678	11756.0b	ppb	64.0218	0.5	86772.9
Ba 389.178	479.329b	ppb	2.2783	0.5	6650.39
Be 313.042	0.3377b	ppb	0.0078	2.3	447.084
Ca 370.602	220799b	ppb	359.5	0.2	696541
Cd 226.502	0.2654b	ppb	0.2671	100.6	85.5158

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	42.6722b	ppb	0.3672	0.9	294.250
Cr 267.716	80.8192b	ppb	1.0568	1.3	1104.22
Cu 324.754	7.1884b	ppb	0.2858	4.0	-167.672
Fe 271.441	34349.0b	ppb	158.017	0.5	20580.5
K 766.491	-xb	ppb	457.833	0.2	25051142
Mg 279.078	68508.3b	ppb	95.1544	0.1	66023.7
Mn 257.610	1132.91b	ppb	4.2850	0.4	94361.4
Mo 202.032	8.9136b	ppb	1.0318	11.6	22.7009
Na 330.237	-xb	ppb	4116.72	0.4	64582.9
Ni 231.604	92.6305b	ppb	0.8620	0.9	225.252
Pb 220.353	-2.1868b	ppb	1.1582	53.0	0.5430
Sb 206.834	9.2519b	ppb	3.8299	41.4	8.7171
Se 196.026	7.8806b	ppb	8.5061	107.9	2.7025
Sn 189.925	5.5317b	ppb	5.9094	106.8	2.0157
Sr 216.596	990.599b	ppb	2.8278	0.3	4986.11
Ti 334.941	54.1121b	ppb	0.1208	0.2	9036.00
Tl 190.794	-3.8835b	ppb	2.2239	57.3	-5.9635
V 292.401	71.8976b	ppb	0.3811	0.5	1625.50
Zn 206.200	748.451b	ppb	2.5303	0.3	1824.60

mb 680-266411/1-a (Samp) **2/19/2013, 12:06:21 AM** **Rack 2, Tube 45**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0083	ppb	0.3735	4508.5	-28.9922
Al 308.215	1.3048	ppb	0.5340	40.9	324.256
As 188.980	3.0870	ppb	5.7333	185.7	-0.0000
B 249.678	44.0961	ppb	5.3634	12.2	401.643
Ba 389.178	-0.0345	ppb	0.6172	1788.5	-33.3781
Be 313.042	-0.0416	ppb	0.0055	13.1	-47.6182
Ca 370.602	7.649	ppb	2.346	30.7	-64.74
Cd 226.502	0.0610	ppb	0.2228	365.4	14.0810
Co 228.615	-0.2867	ppb	0.1452	50.7	-13.2342
Cr 267.716	0.4431	ppb	0.2701	60.9	11.8706
Cu 324.754	0.3472	ppb	0.5086	146.5	74.7321
Fe 271.441	-3.1533	ppb	0.8131	25.8	-16.1359
K 766.491	8.7030	ppb	0.7986	9.2	3184.95
Mg 279.078	-1.1537	ppb	5.4704	474.2	22.0590
Mn 257.610	-0.0256	ppb	0.0278	108.6	2.6307
Mo 202.032	0.4771	ppb	0.5035	105.5	3.1349
Na 330.237	42.4188	ppb	177.579	418.6	4.8012
Ni 231.604	0.4524	ppb	0.8419	186.1	1.5724
Pb 220.353	-1.7375	ppb	2.8939	166.6	1.3452
Sb 206.834	-1.3460	ppb	3.7294	277.1	0.2710
Se 196.026	-2.5779	ppb	10.7417	416.7	0.2824
Sn 189.925	0.6592	ppb	1.5322	232.4	0.0330
Sr 216.596	-0.2188	ppb	0.3458	158.0	-7.5024
Ti 334.941	-0.0456	ppb	0.0889	195.0	-54.7161
Tl 190.794	-1.7541	ppb	1.9033	108.5	-1.9237
V 292.401	0.4251	ppb	0.2329	54.8	7.9317
Zn 206.200	0.8380	ppb	0.5383	64.2	3.0970

lcs 680-266411/2-a (Samp) **2/19/2013, 12:12:30 AM** **Rack 2, Tube 46**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	50.2931	ppb	0.7133	1.4	1301.19
Al 308.215	4762.24	ppb	25.5515	0.5	16511.6
As 188.980	98.0267	ppb	0.8352	0.9	29.4233
B 249.678	204.451	ppb	0.7616	0.4	1576.54
Ba 389.178	97.0739	ppb	0.4380	0.5	1305.89
Be 313.042	49.9106	ppb	0.2710	0.5	66323.9
Ca 370.602	4904	ppb	22.30	0.5	14769
Cd 226.502	48.1040	ppb	0.4802	1.0	953.209
Co 228.615	48.7727	ppb	1.0081	2.1	336.124
Cr 267.716	98.6405	ppb	1.1809	1.2	1356.42
Cu 324.754	97.1465	ppb	0.5622	0.6	2622.39
Fe 271.441	4780.66	ppb	27.3806	0.6	2854.35
K 766.491	4914.12	ppb	12.3097	0.3	549458
Mg 279.078	4968.47	ppb	29.3114	0.6	4802.59
Mn 257.610	511.264	ppb	2.8236	0.6	42568.4
Mo 202.032	104.434	ppb	0.9310	0.9	289.942
Na 330.237	4636.70	ppb	45.5091	1.0	261.473
Ni 231.604	99.3121	ppb	0.9211	0.9	237.762
Pb 220.353	47.6084	ppb	1.6185	3.4	36.0892
Sb 206.834	46.7566	ppb	5.1604	11.0	25.9827
Se 196.026	92.0493	ppb	10.1557	11.0	23.1812
Sn 189.925	93.3872	ppb	4.2519	4.6	45.8068
Sr 216.596	99.9765	ppb	1.0554	1.1	493.053
Ti 334.941	100.314	ppb	0.5256	0.5	16535.8
Tl 190.794	33.9688	ppb	8.0619	23.7	12.1682
V 292.401	100.623	ppb	0.4507	0.4	2263.02
Zn 206.200	98.1671	ppb	1.2803	1.3	239.867

lcs 680-266411/3-a (Samp) **2/19/2013, 12:18:39 AM** **Rack 2, Tube 47**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	204.980	ppb	0.8410	0.4	5392.46
Al 308.215	1975.63	ppb	9.5909	0.5	7048.87
As 188.980	205.046	ppb	3.5622	1.7	62.3474
B 249.678	389.232	ppb	1.8000	0.5	2914.18
Ba 389.178	191.412	ppb	0.9384	0.5	2633.81
Be 313.042	202.694	ppb	0.8648	0.4	269241
Ca 370.602	20226	ppb	68.63	0.3	61093
Cd 226.502	196.846	ppb	0.6183	0.3	3861.09
Co 228.615	198.468	ppb	1.2047	0.6	1402.43
Cr 267.716	200.696	ppb	0.7087	0.4	2749.71
Cu 324.754	198.105	ppb	0.6916	0.3	5263.72
Fe 271.441	20229.4	ppb	102.756	0.5	12122.4
K 766.491	19883.5	ppb	48.0323	0.2	2216515
Mg 279.078	20559.5	ppb	74.7878	0.4	19799.2
Mn 257.610	2069.79	ppb	7.5110	0.4	172318
Mo 202.032	214.979	ppb	0.3654	0.2	593.726
Na 330.237	18631.6	ppb	183.677	1.0	1044.01
Ni 231.604	204.533	ppb	0.7524	0.4	489.908
Pb 220.353	194.829	ppb	1.2248	0.6	141.771

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	202.088	ppb	1.7314	0.9	108.505
Se 196.026	201.325	ppb	5.8993	2.9	49.7005
Sn 189.925	197.907	ppb	2.0150	1.0	97.3740
Sr 216.596	216.143	ppb	0.4801	0.2	1077.23
Ti 334.941	205.929	ppb	0.7820	0.4	34003.6
Tl 190.794	35.5829	ppb	2.3297	6.5	12.2951
V 292.401	209.025	ppb	0.4082	0.2	4703.57
Zn 206.200	190.854	ppb	1.7140	0.9	465.819

680-87441-a-1-a (Samp) **2/19/2013, 12:24:49 AM** **Rack 2, Tube 48**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4099	ppb	0.4759	116.1	-39.6057
Al 308.215	0.3276	ppb	2.7980	854.0	320.937
As 188.980	0.5518	ppb	4.5836	830.6	-0.7889
B 249.678	5.4896	ppb	0.4084	7.4	116.735
Ba 389.178	0.3016	ppb	0.4655	154.4	-28.7811
Be 313.042	-0.0436	ppb	0.0091	20.9	-50.2676
Ca 370.602	12.40	ppb	3.583	28.9	-49.70
Cd 226.502	0.1051	ppb	0.2058	195.8	14.9364
Co 228.615	-0.0471	ppb	0.2769	588.0	-11.5305
Cr 267.716	0.5183	ppb	0.1777	34.3	12.9014
Cu 324.754	0.5964	ppb	0.2041	34.2	81.3027
Fe 271.441	5.3126	ppb	3.8446	72.4	-11.0488
K 766.491	2.2491	ppb	0.5545	24.7	2466.12
Mg 279.078	-2.9177	ppb	1.8710	64.1	20.3554
Mn 257.610	0.1271	ppb	0.0363	28.6	15.3465
Mo 202.032	0.3153	ppb	0.8264	262.1	2.6876
Na 330.237	-44.7193	ppb	105.857	236.7	-0.1036
Ni 231.604	-0.2477	ppb	0.3783	152.8	-0.1000
Pb 220.353	-2.8414	ppb	4.6185	162.5	0.5516
Sb 206.834	1.0409	ppb	1.4032	134.8	1.5221
Se 196.026	0.9959	ppb	3.4060	342.0	1.1455
Sn 189.925	-1.0672	ppb	0.9885	92.6	-0.8190
Sr 216.596	0.5436	ppb	0.3233	59.5	-3.6563
Ti 334.941	0.0015	ppb	0.0199	1296.8	-46.9162
Tl 190.794	-4.6008	ppb	5.3136	115.5	-3.0603
V 292.401	0.2821	ppb	0.1628	57.7	4.6129
Zn 206.200	1.1608	ppb	0.4410	38.0	3.8825

Cont Calib Verif (CCV) **2/19/2013, 12:30:58 AM** **Rack 2, Tube 49**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	499.920	ppb	27.9800	5.6	13184.2	99.98405
Al 308.215	5013.10	ppb	233.818	4.7	17674.9	100.26193
As 188.980	482.339	ppb	21.1966	4.4	149.746	96.46771
B 249.678	2425.82	ppb	100.176	4.1	17974.5	97.03290
Ba 389.178	5155.38	ppb	216.538	4.2	70412.7	103.10750
Be 313.042	504.725	ppb	22.7813	4.5	672801	100.94505
Ca 370.602	5178	ppb	222.3	4.3	15818	103.56292
Cd 226.502	502.324	ppb	23.2251	4.6	9737.24	100.46476

F02182013A.wvq. All Data Report 2/19/2013, 9:41:12 AM

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Co 228.615	502.828	ppb	23.0208	4.6	3573.38	100.56565
Cr 267.716	5075.26	ppb	240.569	4.7	69587.1	101.50515
Cu 324.754	4880.95	ppb	207.058	4.2	128890	97.61893
Fe 271.441	4976.46	ppb	234.408	4.7	3019.67	99.52924
K 766.491	10095.8	ppb	327.061	3.2	1125334	100.95808
Mg 279.078	5154.37	ppb	223.156	4.3	4974.42	103.08733
Mn 257.610	5269.65	ppb	236.969	4.5	438660	105.39306
Mo 202.032	537.086	ppb	24.5537	4.6	1478.60	107.41711
Na 330.237	7440.80	ppb	369.899	5.0	420.200	99.21068
Ni 231.604	2574.42	ppb	112.095	4.4	6143.99	102.97691
Pb 220.353	502.579	ppb	19.6486	3.9	358.696	100.51582
Sb 206.834	492.970	ppb	27.5046	5.6	285.267	98.59398
Se 196.026	4951.48	ppb	204.252	4.1	1197.64	99.02957
Sn 189.925	5089.78	ppb	344.003	6.8	2511.91	101.79558
Sr 216.596	2515.82	ppb	111.245	4.4	12544.4	100.63261
Ti 334.941	513.829	ppb	23.2773	4.5	85099.2	102.76571
Tl 190.794	5162.09	ppb	215.937	4.2	2064.98	103.24183
V 292.401	5143.25	ppb	234.942	4.6	116598	102.86490
Zn 206.200	2611.65	ppb	116.306	4.5	6341.05	104.46584

Cont Calib Blank (CCB) **2/19/2013, 12:37:07 AM** **Rack 2, Tube 50**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.2832	ppb	0.3810	134.5	-36.2597	-0.28324
Al 308.215	-3.6802	ppb	0.0758	2.1	307.309	-3.68018
As 188.980	0.0547	ppb	4.2337	7738.9	-0.9437	0.05471
B 249.678	13.2602	ppb	1.4142	10.7	174.085	13.26024
Ba 389.178	0.4065	ppb	0.5266	129.5	-27.3538	0.40653
Be 313.042	-0.0333	ppb	0.0082	24.6	-36.6961	-0.03333
Ca 370.602	2.784	ppb	1.241	44.6	-79.91	2.78396
Cd 226.502	0.0013	ppb	0.2024	16024.6	12.9231	0.00126
Co 228.615	-0.1618	ppb	0.1205	74.4	-12.3443	-0.16183
Cr 267.716	0.5133	ppb	0.0878	17.1	12.8347	0.51328
Cu 324.754	-0.0700	ppb	0.1278	182.6	63.7275	-0.06998
Fe 271.441	3.5440	ppb	4.3504	122.8	-12.1126	3.54403
K 766.491	-0.2386	ppb	0.2122	88.9	2189.03	-0.23858
Mg 279.078	-4.0339	ppb	4.6154	114.4	19.2850	-4.03386
Mn 257.610	0.0588	ppb	0.0494	84.0	9.6619	0.05885
Mo 202.032	-0.4356	ppb	1.3966	320.6	0.6118	-0.43562
Na 330.237	-97.2259	ppb	60.5951	62.3	-3.0617	-97.22588
Ni 231.604	0.3932	ppb	0.6919	176.0	1.4305	0.39323
Pb 220.353	-1.9873	ppb	3.4027	171.2	1.1658	-1.98727
Sb 206.834	-3.4715	ppb	3.7130	107.0	-0.8360	-3.47146
Se 196.026	0.2451	ppb	1.5070	614.8	0.9642	0.24512
Sn 189.925	-1.3732	ppb	1.2535	91.3	-0.9700	-1.37317
Sr 216.596	-0.3653	ppb	0.1323	36.2	-8.2405	-0.36528
Ti 334.941	0.1226	ppb	0.0665	54.3	-26.9090	0.12264
Tl 190.794	-2.5541	ppb	0.5356	21.0	-2.2428	-2.55411
V 292.401	0.2029	ppb	0.1509	74.4	2.8368	0.20295
Zn 206.200	-0.6818	ppb	0.3352	49.2	-0.6018	-0.68181

680-87441-a-2-a (Samp) **2/19/2013, 12:43:16 AM** **Rack 2, Tube 51**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0748	ppb	0.3037	405.9	-26.4748
Al 308.215	108.598	ppb	2.5921	2.4	688.925
As 188.980	-3.4327	ppb	6.0626	176.6	-2.0378
B 249.678	69.6592	ppb	0.5450	0.8	589.768
Ba 389.178	18.4436	ppb	0.3878	2.1	223.391
Be 313.042	-0.0260	ppb	0.0041	15.9	-24.4573
Ca 370.602	17252	ppb	47.28	0.3	54716
Cd 226.502	0.0675	ppb	0.1093	161.9	14.7877
Co 228.615	0.5788	ppb	0.5563	96.1	-7.0547
Cr 267.716	0.4873	ppb	0.3533	72.5	12.5448
Cu 324.754	7.3651	ppb	0.3244	4.4	226.111
Fe 271.441	321.825	ppb	4.9379	1.5	178.737
K 766.491	5317.76	ppb	11.0279	0.2	594429
Mg 279.078	2743.91	ppb	2.5783	0.1	2669.61
Mn 257.610	108.109	ppb	0.2502	0.2	9005.26
Mo 202.032	1.7802	ppb	0.3338	18.8	6.7055
Na 330.237	21286.9	ppb	13.4674	0.1	1200.56
Ni 231.604	2.6208	ppb	1.5107	57.6	6.8432
Pb 220.353	-0.0283	ppb	4.3293	15299.8	2.5576
Sb 206.834	2.0120	ppb	4.2532	211.4	2.1550
Se 196.026	1.1567	ppb	7.0577	610.2	1.1998
Sn 189.925	-1.7135	ppb	3.1378	183.1	-1.1852
Sr 216.596	83.9695	ppb	0.9056	1.1	416.065
Ti 334.941	1.6300	ppb	0.0573	3.5	235.766
Tl 190.794	1.3869	ppb	4.3749	315.4	-0.8220
V 292.401	1.1994	ppb	0.4518	37.7	24.9961
Zn 206.200	30.1055	ppb	0.2065	0.7	74.3949

680-87441-a-2-aSD^5 (Samp) **2/19/2013, 12:49:24 AM** **Rack 2, Tube 52**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.3285	ppb	0.4113	125.2	-20.0250
Al 308.215	17.0005	ppb	2.8496	16.8	377.591
As 188.980	-0.0103	ppb	6.2818	61019.7	-0.9655
B 249.678	15.3015	ppb	1.1404	7.5	189.056
Ba 389.178	4.8151	ppb	0.4708	9.8	33.7427
Be 313.042	-0.0474	ppb	0.0123	25.9	-54.9063
Ca 370.602	3464	ppb	122.9	3.5	10916
Cd 226.502	0.0342	ppb	0.1497	437.5	13.6666
Co 228.615	0.3135	ppb	0.2066	65.9	-8.9526
Cr 267.716	0.2231	ppb	0.4967	222.6	8.8708
Cu 324.754	1.3572	ppb	0.6041	44.5	94.5955
Fe 271.441	62.6560	ppb	6.5776	10.5	23.3355
K 766.491	1084.77	ppb	29.1988	2.7	123021
Mg 279.078	560.097	ppb	20.1641	3.6	563.395
Mn 257.610	21.8739	ppb	0.8260	3.8	1825.86
Mo 202.032	-0.0203	ppb	0.8626	4254.1	1.7542
Na 330.237	4245.27	ppb	115.730	2.7	241.363
Ni 231.604	0.3315	ppb	1.4377	433.7	1.3021
Pb 220.353	-1.3553	ppb	2.6822	197.9	1.6175

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-0.5092	ppb	3.8268	751.5	0.7330
Se 196.026	6.4920	ppb	2.1237	32.7	2.4762
Sn 189.925	-0.5399	ppb	4.1585	770.2	-0.5683
Sr 216.596	17.0823	ppb	0.9898	5.8	79.5574
Ti 334.941	0.2675	ppb	0.0927	34.7	-0.2417
Tl 190.794	-4.6145	ppb	3.0651	66.4	-3.0956
V 292.401	0.3627	ppb	0.1715	47.3	6.4348
Zn 206.200	6.6966	ppb	0.8573	12.8	17.3690

680-87441-a-2-aPDS (Samp) **2/19/2013, 12:55:33 AM** **Rack 2, Tube 53**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	48.8143	ppb	0.3703	0.8	1261.12
Al 308.215	2025.57	ppb	1.0620	0.1	7247.06
As 188.980	2058.12	ppb	6.7743	0.3	639.635
B 249.678	1005.32	ppb	2.3826	0.2	7497.92
Ba 389.178	2042.12	ppb	2.1248	0.1	27873.9
Be 313.042	50.2626	ppb	0.0272	0.1	66967.8
Ca 370.602	21740	ppb	20.99	0.1	68942
Cd 226.502	48.9764	ppb	0.3385	0.7	962.756
Co 228.615	496.652	ppb	0.4281	0.1	3532.70
Cr 267.716	199.026	ppb	0.5058	0.3	2733.48
Cu 324.754	249.228	ppb	1.6798	0.7	6598.35
Fe 271.441	1289.53	ppb	7.0518	0.5	781.336
K 766.491	10238.0	ppb	5.4068	0.1	1141902
Mg 279.078	7712.15	ppb	16.6567	0.2	7459.59
Mn 257.610	622.433	ppb	0.7553	0.1	51829.8
Mo 202.032	543.972	ppb	1.1176	0.2	1504.89
Na 330.237	25824.2	ppb	158.905	0.6	1450.14
Ni 231.604	504.947	ppb	0.7566	0.1	1205.89
Pb 220.353	491.710	ppb	5.0115	1.0	354.838
Sb 206.834	510.449	ppb	1.7260	0.3	265.270
Se 196.026	1971.74	ppb	19.0857	1.0	477.220
Sn 189.925	1001.11	ppb	4.0232	0.4	493.956
Sr 216.596	596.175	ppb	1.1472	0.2	2966.56
Ti 334.941	1009.87	ppb	0.9727	0.1	166832
Tl 190.794	2082.14	ppb	11.1310	0.5	831.202
V 292.401	510.007	ppb	0.8717	0.2	11492.4
Zn 206.200	527.717	ppb	2.3116	0.4	1284.85

680-87441-a-2-b ms (Samp) **2/19/2013, 1:01:42 AM** **Rack 2, Tube 54**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.4904	ppb	0.2803	0.5	1333.17
Al 308.215	5077.36	ppb	28.4860	0.6	17582.8
As 188.980	106.470	ppb	9.7578	9.2	32.0376
B 249.678	261.577	ppb	0.7336	0.3	1997.25
Ba 389.178	118.220	ppb	0.5139	0.4	1599.53
Be 313.042	52.0176	ppb	0.2489	0.5	69125.8
Ca 370.602	22312	ppb	130.2	0.6	70044
Cd 226.502	49.7117	ppb	0.2172	0.4	985.269

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	50.5420	ppb	0.7140	1.4	348.743
Cr 267.716	101.919	ppb	0.7232	0.7	1401.37
Cu 324.754	107.151	ppb	0.5891	0.5	2852.35
Fe 271.441	5265.34	ppb	13.2469	0.3	3145.04
K 766.491	10440.9	ppb	41.3366	0.4	1164946
Mg 279.078	7876.88	ppb	54.1060	0.7	7607.18
Mn 257.610	637.040	ppb	3.1309	0.5	53039.9
Mo 202.032	110.047	ppb	0.4540	0.4	305.406
Na 330.237	26105.2	ppb	255.056	1.0	1469.77
Ni 231.604	105.149	ppb	0.8089	0.8	251.795
Pb 220.353	53.7151	ppb	5.8384	10.9	40.4318
Sb 206.834	55.1866	ppb	6.1661	11.2	30.5402
Se 196.026	95.9192	ppb	1.7123	1.8	24.1326
Sn 189.925	99.5991	ppb	1.4663	1.5	48.8258
Sr 216.596	186.555	ppb	0.8801	0.5	928.535
Ti 334.941	105.717	ppb	0.5372	0.5	17442.6
Tl 190.794	36.8918	ppb	3.9663	10.8	13.1753
V 292.401	105.148	ppb	0.7621	0.7	2364.60
Zn 206.200	132.384	ppb	1.5143	1.1	323.206

680-87441-a-2-c msd (Samp) **2/19/2013, 1:07:51 AM** **Rack 2, Tube 55**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	50.8304	ppb	0.4061	0.8	1315.71
Al 308.215	4995.73	ppb	27.6849	0.6	17305.3
As 188.980	99.0736	ppb	4.8459	4.9	29.7381
B 249.678	254.700	ppb	1.9256	0.8	1946.69
Ba 389.178	115.819	ppb	1.4211	1.2	1566.36
Be 313.042	50.7839	ppb	0.2588	0.5	67486.7
Ca 370.602	21823	ppb	109.4	0.5	68505
Cd 226.502	48.9195	ppb	0.4669	1.0	969.746
Co 228.615	50.8034	ppb	0.1412	0.3	350.587
Cr 267.716	99.6192	ppb	0.4913	0.5	1369.87
Cu 324.754	105.641	ppb	0.5315	0.5	2813.43
Fe 271.441	5171.94	ppb	30.4333	0.6	3089.02
K 766.491	10237.0	ppb	42.3424	0.4	1142241
Mg 279.078	7687.31	ppb	35.4848	0.5	7424.58
Mn 257.610	622.367	ppb	2.9756	0.5	51818.3
Mo 202.032	108.504	ppb	0.3144	0.3	301.153
Na 330.237	25744.8	ppb	105.784	0.4	1449.52
Ni 231.604	102.532	ppb	0.6653	0.6	245.544
Pb 220.353	49.6103	ppb	2.6686	5.4	37.4948
Sb 206.834	56.1169	ppb	4.4445	7.9	31.0070
Se 196.026	98.7658	ppb	8.8154	8.9	24.8185
Sn 189.925	94.0708	ppb	1.6101	1.7	46.0982
Sr 216.596	181.566	ppb	0.9204	0.5	903.519
Ti 334.941	103.326	ppb	0.4300	0.4	17046.9
Tl 190.794	37.5255	ppb	0.7964	2.1	13.4351
V 292.401	103.089	ppb	0.4479	0.4	2318.09
Zn 206.200	130.910	ppb	0.9265	0.7	319.621

680-87441-a-3-a (Samp) **2/19/2013, 1:14:00 AM** **Rack 2, Tube 56**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0871	ppb	0.6388	733.4	-26.1503
Al 308.215	108.672	ppb	2.3033	2.1	689.168
As 188.980	0.0780	ppb	2.7592	3535.8	-0.9452
B 249.678	64.4914	ppb	1.7968	2.8	551.628
Ba 389.178	18.6293	ppb	0.5097	2.7	225.925
Be 313.042	-0.0359	ppb	0.0136	37.8	-37.5122
Ca 370.602	17272	ppb	200.8	1.2	54780
Cd 226.502	0.0562	ppb	0.0335	59.6	14.5754
Co 228.615	0.9729	ppb	0.4616	47.4	-4.2424
Cr 267.716	0.5457	ppb	0.5554	101.8	13.3439
Cu 324.754	6.9164	ppb	0.4725	6.8	214.221
Fe 271.441	326.042	ppb	0.8734	0.3	181.270
K 766.491	5328.85	ppb	54.0403	1.0	595664
Mg 279.078	2735.73	ppb	32.7589	1.2	2661.71
Mn 257.610	108.199	ppb	1.3029	1.2	9012.76
Mo 202.032	1.3998	ppb	0.2594	18.5	5.6535
Na 330.237	21272.1	ppb	231.963	1.1	1199.72
Ni 231.604	2.5061	ppb	1.5094	60.2	6.5684
Pb 220.353	-1.1863	ppb	3.5419	298.6	1.7259
Sb 206.834	1.5770	ppb	4.1161	261.0	1.9313
Se 196.026	-2.4003	ppb	9.7254	405.2	0.3407
Sn 189.925	-2.0517	ppb	1.7925	87.4	-1.3523
Sr 216.596	83.9802	ppb	1.0073	1.2	416.129
Ti 334.941	1.6285	ppb	0.0338	2.1	235.535
Tl 190.794	-1.2882	ppb	2.0217	156.9	-1.8901
V 292.401	1.1836	ppb	0.1334	11.3	24.6865
Zn 206.200	30.3928	ppb	0.8732	2.9	75.0942

680-87441-a-3-b ms (Samp) **2/19/2013, 1:20:09 AM** **Rack 2, Tube 57**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.6391	ppb	1.0193	2.0	1337.11
Al 308.215	5081.12	ppb	7.5396	0.1	17595.5
As 188.980	102.007	ppb	9.1343	9.0	30.6482
B 249.678	258.837	ppb	1.1179	0.4	1977.02
Ba 389.178	118.429	ppb	0.4457	0.4	1602.52
Be 313.042	51.9578	ppb	0.0971	0.2	69046.3
Ca 370.602	22831	ppb	48.04	0.2	71693
Cd 226.502	49.8512	ppb	0.1491	0.3	987.978
Co 228.615	50.9340	ppb	0.1358	0.3	351.532
Cr 267.716	101.835	ppb	0.3289	0.3	1400.22
Cu 324.754	107.460	ppb	0.8657	0.8	2859.51
Fe 271.441	5269.13	ppb	12.8869	0.2	3147.30
K 766.491	10588.6	ppb	14.2897	0.1	1181399
Mg 279.078	7941.67	ppb	22.6262	0.3	7669.68
Mn 257.610	639.758	ppb	0.5807	0.1	53266.1
Mo 202.032	111.369	ppb	0.7942	0.7	309.062
Na 330.237	26897.8	ppb	45.1202	0.2	1514.38
Ni 231.604	105.230	ppb	1.2806	1.2	251.998
Pb 220.353	50.3208	ppb	3.8110	7.6	37.9925

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	52.6612	ppb	4.8385	9.2	29.2248
Se 196.026	102.073	ppb	8.1944	8.0	25.6194
Sn 189.925	98.6412	ppb	2.3176	2.3	48.3516
Sr 216.596	190.051	ppb	0.3582	0.2	946.115
Ti 334.941	105.659	ppb	0.1906	0.2	17433.2
Tl 190.794	46.1355	ppb	6.1594	13.4	16.8612
V 292.401	104.844	ppb	0.4553	0.4	2357.66
Zn 206.200	132.566	ppb	1.2645	1.0	323.652

680-87441-a-3-c msd (Samp) **2/19/2013, 1:26:18 AM** **Rack 2, Tube 58**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.1777	ppb	0.6931	1.4	1324.91
Al 308.215	5074.60	ppb	47.0108	0.9	17573.4
As 188.980	101.650	ppb	4.0096	3.9	30.5370
B 249.678	258.156	ppb	1.8644	0.7	1971.97
Ba 389.178	117.971	ppb	1.0028	0.9	1596.21
Be 313.042	51.7904	ppb	0.4645	0.9	68823.9
Ca 370.602	22700	ppb	193.8	0.9	71275
Cd 226.502	49.7863	ppb	0.4576	0.9	986.751
Co 228.615	50.9919	ppb	0.9523	1.9	351.938
Cr 267.716	101.422	ppb	0.5837	0.6	1394.54
Cu 324.754	108.633	ppb	1.3625	1.3	2890.73
Fe 271.441	5276.03	ppb	48.5131	0.9	3151.44
K 766.491	10526.5	ppb	72.6385	0.7	1174478
Mg 279.078	7908.88	ppb	82.4514	1.0	7638.01
Mn 257.610	637.040	ppb	5.7314	0.9	53039.9
Mo 202.032	110.169	ppb	1.4875	1.4	305.742
Na 330.237	26728.3	ppb	297.065	1.1	1504.84
Ni 231.604	104.720	ppb	0.8453	0.8	250.775
Pb 220.353	47.0036	ppb	0.3934	0.8	35.6093
Sb 206.834	54.8277	ppb	5.7818	10.5	30.3511
Se 196.026	104.070	ppb	14.2241	13.7	26.1011
Sn 189.925	98.3268	ppb	3.0378	3.1	48.1967
Sr 216.596	187.811	ppb	1.2260	0.7	934.872
Ti 334.941	105.332	ppb	0.9553	0.9	17379.1
Tl 190.794	41.0741	ppb	4.9244	12.0	14.8406
V 292.401	104.888	ppb	0.5352	0.5	2358.64
Zn 206.200	133.380	ppb	1.3114	1.0	325.632

680-87459-h-1-a (Samp) **2/19/2013, 1:32:28 AM** **Rack 2, Tube 59**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0437b	ppb	0.5340	1223.0	-27.6221
Al 308.215	188.894b	ppb	17.0207	9.0	961.763
As 188.980	3.3259b	ppb	3.1014	93.2	0.0712
B 249.678	1288.97b	ppb	72.7225	5.6	9588.69
Ba 389.178	25.9119b	ppb	1.0451	4.0	321.093
Be 313.042	-0.0183b	ppb	0.0140	76.5	-35.7066
Ca 370.602	8341b	ppb	468.6	5.6	26431
Cd 226.502	3.4427b	ppb	0.3056	8.9	78.7344

F02182013A.wvq. All Data Report 2/19/2013, 9:41:12 AM

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	0.2830b	ppb	0.5516	194.9	-9.1710
Cr 267.716	0.0215b	ppb	0.2439	1132.4	7.3894
Cu 324.754	4.0931b	ppb	0.4855	11.9	157.221
Fe 271.441	9.3915b	ppb	5.4515	58.0	-8.5900
K 766.491	5216.74b	ppb	237.822	4.6	583177
Mg 279.078	73.4228b	ppb	6.6619	9.1	94.0285
Mn 257.610	0.3757b	ppb	0.0325	8.6	35.6064
Mo 202.032	0.8718b	ppb	0.9142	104.9	4.2286
Na 330.237	-xb	ppb	8806.29	3.2	15498.8
Ni 231.604	17.4742b	ppb	1.3872	7.9	42.1774
Pb 220.353	-2.2958b	ppb	6.4796	282.2	0.9254
Sb 206.834	-4.6458b	ppb	4.3150	92.9	-1.3903
Se 196.026	-1.8225b	ppb	7.1294	391.2	0.4649
Sn 189.925	-2.8605b	ppb	5.6425	197.3	-1.6751
Sr 216.596	61.1594b	ppb	4.1067	6.7	300.621
Ti 334.941	-0.0045b	ppb	0.0078	172.3	-52.7327
Tl 190.794	-2.5791b	ppb	8.3124	322.3	-2.3215
V 292.401	0.5366b	ppb	0.2821	52.6	8.7122
Zn 206.200	3.6444b	ppb	0.3315	9.1	9.9290

680-87486-e-1-a (Samp) **2/19/2013, 1:38:37 AM** **Rack 2, Tube 60**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1602	ppb	0.4668	291.3	-33.0329
Al 308.215	233.790	ppb	2.4238	1.0	1114.64
As 188.980	-4.4756	ppb	0.6632	14.8	-2.3559
B 249.678	53.3740	ppb	0.4434	0.8	470.023
Ba 389.178	5.7938	ppb	0.6438	11.1	49.3497
Be 313.042	-0.0453	ppb	0.0055	12.2	-42.7450
Ca 370.602	35249	ppb	77.83	0.2	111974
Cd 226.502	-0.1046	ppb	0.0198	18.9	10.9656
Co 228.615	-0.0885	ppb	0.4044	457.2	-11.7813
Cr 267.716	0.0281	ppb	0.2925	1042.2	6.2077
Cu 324.754	1.4302	ppb	0.3494	24.4	33.5233
Fe 271.441	93.8440	ppb	7.5542	8.0	42.0624
K 766.491	2159.81	ppb	2.7190	0.1	242743
Mg 279.078	2044.68	ppb	8.9217	0.4	1995.82
Mn 257.610	4.5994	ppb	0.0400	0.9	388.807
Mo 202.032	-0.0364	ppb	0.7911	2176.3	1.7044
Na 330.237	16578.0	ppb	71.9076	0.4	935.537
Ni 231.604	0.2724	ppb	0.4583	168.2	1.2064
Pb 220.353	-2.5799	ppb	0.4142	16.1	0.7162
Sb 206.834	-0.1143	ppb	7.6866	6725.6	1.1727
Se 196.026	-2.0691	ppb	3.2232	155.8	0.4056
Sn 189.925	-4.0349	ppb	2.1574	53.5	-2.3857
Sr 216.596	54.6468	ppb	0.7252	1.3	269.413
Ti 334.941	3.2122	ppb	0.0240	0.7	512.447
Tl 190.794	-2.6296	ppb	3.5580	135.3	-2.5565
V 292.401	5.8096	ppb	0.1850	3.2	130.215
Zn 206.200	8.3700	ppb	0.6963	8.3	21.4807

Cont Calib Verif (CCV) **2/19/2013, 1:44:47 AM** **Rack 3, Tube 1**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	482.640	ppb	3.9672	0.8	12727.5	96.52793
Al 308.215	4889.24	ppb	48.0075	1.0	17248.3	97.78477
As 188.980	471.218	ppb	4.9987	1.1	146.272	94.24351
B 249.678	2358.50	ppb	19.8059	0.8	17477.7	94.33996
Ba 389.178	5060.51	ppb	44.9511	0.9	69116.4	101.21030
Be 313.042	493.095	ppb	4.6506	0.9	657312	98.61900
Ca 370.602	5081	ppb	47.60	0.9	15523	101.62300
Cd 226.502	489.136	ppb	4.5177	0.9	9481.99	97.82729
Co 228.615	491.084	ppb	5.6713	1.2	3489.69	98.21672
Cr 267.716	4942.30	ppb	45.0308	0.9	67764.1	98.84608
Cu 324.754	4738.61	ppb	25.2199	0.5	125132	94.77226
Fe 271.441	4833.18	ppb	63.3629	1.3	2932.87	96.66368
K 766.491	9931.04	ppb	82.6205	0.8	1107005	99.31035
Mg 279.078	5089.56	ppb	61.7026	1.2	4912.37	101.79129
Mn 257.610	5160.94	ppb	48.1199	0.9	429611	103.21883
Mo 202.032	531.495	ppb	5.5841	1.1	1463.29	106.29899
Na 330.237	7246.55	ppb	140.959	1.9	409.280	96.62070
Ni 231.604	2523.25	ppb	27.3781	1.1	6021.86	100.93002
Pb 220.353	488.759	ppb	0.3909	0.1	348.870	97.75177
Sb 206.834	482.689	ppb	5.4073	1.1	279.388	96.53773
Se 196.026	4800.34	ppb	40.2905	0.8	1161.12	96.00676
Sn 189.925	4913.12	ppb	48.7862	1.0	2424.72	98.26248
Sr 216.596	2466.62	ppb	22.7371	0.9	12299.0	98.66489
Ti 334.941	504.314	ppb	5.0842	1.0	83522.0	100.86275
Tl 190.794	5044.16	ppb	30.4235	0.6	2017.81	100.88316
V 292.401	5055.81	ppb	50.4290	1.0	114617	101.11615
Zn 206.200	2558.17	ppb	27.1052	1.1	6211.23	102.32670

Cont Calib Blank (CCB) **2/19/2013, 1:50:57 AM** **Rack 3, Tube 2**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	0.1873	ppb	0.6435	343.6	-23.8223	0.18727
Al 308.215	-7.0848	ppb	2.7950	39.5	295.757	-7.08482
As 188.980	-3.7710	ppb	1.5196	40.3	-2.1343	-3.77098
B 249.678	10.3470	ppb	1.5344	14.8	152.586	10.34704
Ba 389.178	0.5920	ppb	0.6460	109.1	-24.8179	0.59203
Be 313.042	-0.0445	ppb	0.0048	10.8	-51.3909	-0.04448
Ca 370.602	1.447	ppb	2.315	159.9	-84.17	1.44744
Cd 226.502	-0.1319	ppb	0.0345	26.2	10.3483	-0.13186
Co 228.615	-0.1915	ppb	0.3875	202.4	-12.5585	-0.19150
Cr 267.716	0.5131	ppb	0.1222	23.8	12.8318	0.51311
Cu 324.754	-0.1058	ppb	0.1856	175.4	62.7768	-0.10583
Fe 271.441	0.7188	ppb	3.2553	452.9	-13.8035	0.71880
K 766.491	-0.3667	ppb	0.4198	114.5	2174.68	-0.36670
Mg 279.078	2.5217	ppb	5.6949	225.8	25.6101	2.52165
Mn 257.610	0.0847	ppb	0.1091	128.8	11.8139	0.08470
Mo 202.032	0.4267	ppb	1.2611	295.5	2.9955	0.42672
Na 330.237	31.8523	ppb	49.0904	154.1	4.2045	31.85233
Ni 231.604	-0.5666	ppb	0.4335	76.5	-0.8569	-0.56656
Pb 220.353	-3.2417	ppb	2.0256	62.5	0.2646	-3.24167

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sb 206.834	-1.0888	ppb	4.3422	398.8	0.4067	-1.08880
Se 196.026	-3.5380	ppb	1.6832	47.6	0.0505	-3.53800
Sn 189.925	-0.4116	ppb	2.3823	578.8	-0.4954	-0.41162
Sr 216.596	-0.4948	ppb	0.7461	150.8	-8.8615	-0.49477
Ti 334.941	0.0509	ppb	0.0099	19.5	-38.7693	0.05089
Tl 190.794	3.2012	ppb	2.6494	82.8	0.0554	3.20120
V 292.401	0.4549	ppb	0.2907	63.9	8.5380	0.45489
Zn 206.200	-0.5941	ppb	0.2147	36.1	-0.3884	-0.59415

680-87487-b-1-a (Samp) **2/19/2013, 1:57:06 AM** **Rack 3, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.1022	ppb	0.7369	720.9	-26.1322
Al 308.215	322.635	ppb	6.6760	2.1	1416.25
As 188.980	3.9945	ppb	1.8708	46.8	0.2671
B 249.678	7.3589	ppb	0.4042	5.5	130.098
Ba 389.178	9.8824	ppb	0.9178	9.3	103.864
Be 313.042	-0.0179	ppb	0.0054	30.1	-15.3330
Ca 370.602	3214	ppb	47.08	1.5	10093
Cd 226.502	0.6517	ppb	0.1042	16.0	26.0224
Co 228.615	-0.1756	ppb	0.3538	201.5	-12.3914
Cr 267.716	0.9865	ppb	0.0750	7.6	19.2259
Cu 324.754	63.3305	ppb	0.9196	1.5	1731.87
Fe 271.441	251.850	ppb	2.8758	1.1	136.753
K 766.491	3826.16	ppb	39.4460	1.0	428318
Mg 279.078	1044.32	ppb	18.2327	1.7	1030.07
Mn 257.610	11.5449	ppb	0.1731	1.5	966.457
Mo 202.032	-0.2155	ppb	0.3986	185.0	1.1968
Na 330.237	1460.66	ppb	58.9817	4.0	84.6579
Ni 231.604	50.4832	ppb	0.4180	0.8	120.958
Pb 220.353	4.6523	ppb	2.7096	58.2	5.9022
Sb 206.834	-0.0188	ppb	3.1283	16601.9	0.9943
Se 196.026	3.6638	ppb	3.6760	100.3	1.7897
Sn 189.925	0.6591	ppb	0.6563	99.6	0.0244
Sr 216.596	9.4851	ppb	0.4101	4.3	39.8613
Ti 334.941	3.3976	ppb	0.1676	4.9	516.785
Tl 190.794	-4.0566	ppb	1.7735	43.7	-2.8804
V 292.401	0.9607	ppb	0.2681	27.9	20.1022
Zn 206.200	87.4413	ppb	1.5846	1.8	213.872

680-87447-c-31-a (Samp) **2/19/2013, 2:03:16 AM** **Rack 3, Tube 4**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0797	ppb	0.2257	283.3	-26.6671
Al 308.215	9.2876	ppb	2.0724	22.3	351.358
As 188.980	-3.5526	ppb	1.4715	41.4	-2.0668
B 249.678	-0.5090	ppb	0.6793	133.5	72.4616
Ba 389.178	0.7321	ppb	0.9173	125.3	-22.9060
Be 313.042	-0.0545	ppb	0.0094	17.3	-64.6855
Ca 370.602	30.88	ppb	0.2863	0.9	8.830
Cd 226.502	0.0759	ppb	0.1761	232.1	14.3739

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	-0.4558	ppb	0.1786	39.2	-14.4304
Cr 267.716	0.1254	ppb	0.4704	375.1	7.5136
Cu 324.754	0.1699	ppb	0.6393	376.3	70.0056
Fe 271.441	11.3085	ppb	10.8266	95.7	-7.4732
K 766.491	2.4071	ppb	0.1250	5.2	2483.60
Mg 279.078	0.4932	ppb	2.8710	582.1	23.6419
Mn 257.610	0.4159	ppb	0.0691	16.6	39.3845
Mo 202.032	-0.3130	ppb	0.2435	77.8	0.9504
Na 330.237	21.3904	ppb	124.115	580.2	3.6173
Ni 231.604	0.6694	ppb	0.4409	65.9	2.0905
Pb 220.353	-1.2803	ppb	1.8049	141.0	1.6736
Sb 206.834	-2.1280	ppb	5.5390	260.3	-0.1341
Se 196.026	-0.5445	ppb	5.3607	984.6	0.7735
Sn 189.925	-1.4180	ppb	1.9602	138.2	-0.9923
Sr 216.596	0.3243	ppb	0.5651	174.3	-4.7718
Ti 334.941	-0.0709	ppb	0.0240	33.9	-58.8743
Tl 190.794	-1.2983	ppb	1.4112	108.7	-1.7419
V 292.401	0.1824	ppb	0.1891	103.7	2.5112
Zn 206.200	0.9817	ppb	0.2468	25.1	3.4469

mb 680-266373/1-a (Samp) **2/19/2013, 2:09:26 AM** **Rack 3, Tube 5**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0758	ppb	0.3829	505.0	-30.7762
Al 308.215	72.9677	ppb	1.6714	2.3	567.798
As 188.980	-1.6085	ppb	3.9024	242.6	-1.4618
B 249.678	-0.5728	ppb	0.7383	128.9	71.9876
Ba 389.178	1.0016	ppb	0.2391	23.9	-19.2212
Be 313.042	-0.0568	ppb	0.0115	20.3	-67.8163
Ca 370.602	3.146	ppb	0.8415	26.7	-79.40
Cd 226.502	-0.0406	ppb	0.0349	86.1	12.1260
Co 228.615	0.0389	ppb	0.2118	543.8	-10.9172
Cr 267.716	0.3450	ppb	0.2405	69.7	10.5240
Cu 324.754	-0.0811	ppb	0.1570	193.5	63.4313
Fe 271.441	9.0601	ppb	5.8082	64.1	-8.8134
K 766.491	0.1031	ppb	0.2348	227.7	2226.96
Mg 279.078	-2.9902	ppb	1.6077	53.8	20.2810
Mn 257.610	0.0014	ppb	0.0353	2507.8	4.8811
Mo 202.032	0.1282	ppb	0.7103	553.9	2.1709
Na 330.237	31.7260	ppb	69.6892	219.7	4.1991
Ni 231.604	0.2116	ppb	0.3106	146.8	0.9992
Pb 220.353	-3.1646	ppb	3.3573	106.1	0.3124
Sb 206.834	5.0847	ppb	3.8435	75.6	3.6331
Se 196.026	-4.1955	ppb	7.1185	169.7	-0.1083
Sn 189.925	-2.4889	ppb	0.8851	35.6	-1.5207
Sr 216.596	-0.1102	ppb	0.1810	164.2	-6.9512
Ti 334.941	-0.0982	ppb	0.0487	49.6	-63.4108
Tl 190.794	0.1257	ppb	3.0905	2459.2	-1.1741
V 292.401	0.3999	ppb	0.1191	29.8	7.3070
Zn 206.200	0.8384	ppb	0.1051	12.5	3.0983

lcs 680-266373/2-a (Samp) **2/19/2013, 2:15:35 AM** **Rack 3, Tube 6**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.2802	ppb	0.7541	1.5	1327.30
Al 308.215	4916.79	ppb	14.3831	0.3	17037.2
As 188.980	100.329	ppb	3.5428	3.5	30.1347
B 249.678	191.041	ppb	0.2438	0.1	1477.22
Ba 389.178	101.642	ppb	1.0373	1.0	1368.76
Be 313.042	51.6166	ppb	0.1341	0.3	68591.4
Ca 370.602	5086	ppb	12.27	0.2	15321
Cd 226.502	49.6064	ppb	0.1980	0.4	982.670
Co 228.615	50.0520	ppb	0.1116	0.2	345.224
Cr 267.716	101.338	ppb	0.2420	0.2	1393.32
Cu 324.754	98.8387	ppb	0.2446	0.2	2666.77
Fe 271.441	4914.59	ppb	8.6911	0.2	2934.73
K 766.491	5060.17	ppb	8.1789	0.2	565723
Mg 279.078	5197.29	ppb	28.0942	0.5	5022.78
Mn 257.610	530.226	ppb	1.9546	0.4	44147.1
Mo 202.032	110.293	ppb	1.1543	1.0	306.114
Na 330.237	4416.71	ppb	117.137	2.7	249.010
Ni 231.604	103.946	ppb	1.2232	1.2	248.833
Pb 220.353	46.8983	ppb	4.7276	10.1	35.5517
Sb 206.834	51.5631	ppb	5.2991	10.3	28.5044
Se 196.026	104.649	ppb	0.6133	0.6	26.2259
Sn 189.925	98.7549	ppb	1.1520	1.2	48.4563
Sr 216.596	103.611	ppb	0.5231	0.5	511.168
Ti 334.941	104.500	ppb	0.3295	0.3	17227.8
Tl 190.794	41.5423	ppb	6.6280	16.0	15.1851
V 292.401	105.500	ppb	0.3816	0.4	2372.88
Zn 206.200	102.026	ppb	0.7874	0.8	249.254

lcs 680-266373/3-a (Samp) **2/19/2013, 2:21:45 AM** **Rack 3, Tube 7**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	204.228	ppb	1.4612	0.7	5372.57
Al 308.215	1959.32	ppb	4.7704	0.2	6993.54
As 188.980	203.697	ppb	11.6969	5.7	61.9285
B 249.678	374.615	ppb	1.1225	0.3	2806.37
Ba 389.178	191.119	ppb	0.8134	0.4	2629.63
Be 313.042	201.632	ppb	0.7329	0.4	267832
Ca 370.602	20180	ppb	48.02	0.2	60952
Cd 226.502	194.866	ppb	0.9430	0.5	3822.74
Co 228.615	196.480	ppb	0.8048	0.4	1388.26
Cr 267.716	198.147	ppb	1.3535	0.7	2714.75
Cu 324.754	193.311	ppb	0.3309	0.2	5137.21
Fe 271.441	19940.4	ppb	87.9613	0.4	11949.1
K 766.491	19768.0	ppb	42.8317	0.2	2203654
Mg 279.078	20742.6	ppb	29.6582	0.1	19975.9
Mn 257.610	2066.05	ppb	6.4943	0.3	172006
Mo 202.032	219.394	ppb	1.2862	0.6	605.936
Na 330.237	18533.4	ppb	57.3842	0.3	1038.49
Ni 231.604	204.626	ppb	1.2573	0.6	490.127
Pb 220.353	191.895	ppb	3.2097	1.7	139.664

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	201.511	ppb	6.5465	3.2	108.183
Se 196.026	194.128	ppb	4.6283	2.4	47.9619
Sn 189.925	196.174	ppb	1.9899	1.0	96.5186
Sr 216.596	217.699	ppb	0.5352	0.2	1085.02
Ti 334.941	206.327	ppb	0.7419	0.4	34069.2
Tl 190.794	37.6918	ppb	4.2290	11.2	13.1404
V 292.401	210.693	ppb	0.4748	0.2	4741.46
Zn 206.200	191.069	ppb	1.2048	0.6	466.343

680-87457-g-3-a (Samp) **2/19/2013, 2:27:55 AM** **Rack 3, Tube 8**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.1290	ppb	0.6151	476.8	-24.8181
Al 308.215	7.7696	ppb	0.9686	12.5	346.270
As 188.980	-6.3210	ppb	5.0067	79.2	-2.9311
B 249.678	80.0481	ppb	0.5294	0.7	667.014
Ba 389.178	286.829	ppb	1.3753	0.5	3906.78
Be 313.042	0.3087	ppb	0.0102	3.3	423.804
Ca 370.602	32959	ppb	201.0	0.6	104702
Cd 226.502	0.4795	ppb	0.0762	15.9	22.2421
Co 228.615	3.3665	ppb	0.0598	1.8	12.9360
Cr 267.716	0.6016	ppb	0.1172	19.5	14.2912
Cu 324.754	0.8104	ppb	0.0893	11.0	22.5725
Fe 271.441	45.4568	ppb	11.4975	25.3	13.1438
K 766.491	2680.67	ppb	17.3620	0.6	300683
Mg 279.078	15061.3	ppb	111.440	0.7	14554.7
Mn 257.610	174.050	ppb	1.0792	0.6	14500.1
Mo 202.032	0.2713	ppb	0.1966	72.4	2.5643
Na 330.237	15394.5	ppb	84.2237	0.5	868.952
Ni 231.604	18.0619	ppb	0.3040	1.7	44.0296
Pb 220.353	-1.4380	ppb	2.1947	152.6	1.5583
Sb 206.834	0.6668	ppb	4.1812	627.1	1.5716
Se 196.026	8.2074	ppb	10.2585	125.0	2.9162
Sn 189.925	-1.0581	ppb	4.2364	400.4	-0.9103
Sr 216.596	369.176	ppb	3.0497	0.8	1848.92
Ti 334.941	0.1805	ppb	0.0275	15.2	9.9953
Tl 190.794	2.3827	ppb	6.4379	270.2	-0.5334
V 292.401	1.0027	ppb	0.1326	13.2	20.7395
Zn 206.200	8.5167	ppb	0.5483	6.4	22.1724

680-87457-g-3-aSD^5 (Samp) **2/19/2013, 2:34:04 AM** **Rack 3, Tube 9**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1357	ppb	0.3833	282.4	-32.2488
Al 308.215	-3.2141	ppb	1.7148	53.4	308.890
As 188.980	-3.1726	ppb	2.9783	93.9	-1.9488
B 249.678	13.2039	ppb	0.5830	4.4	173.680
Ba 389.178	58.3574	ppb	0.3340	0.6	768.642
Be 313.042	0.0094	ppb	0.0094	100.0	21.2965
Ca 370.602	6664	ppb	8.581	0.1	21100
Cd 226.502	0.0734	ppb	0.0682	93.0	14.3338

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	0.7371	ppb	0.2657	36.0	-5.9069
Cr 267.716	0.2889	ppb	0.2586	89.5	9.8075
Cu 324.754	-0.0766	ppb	0.3001	392.1	50.5344
Fe 271.441	13.0081	ppb	4.2692	32.8	-6.4118
K 766.491	526.999	ppb	0.5719	0.1	60891.6
Mg 279.078	3057.04	ppb	3.8696	0.1	2972.69
Mn 257.610	35.4741	ppb	0.0958	0.3	2959.13
Mo 202.032	-0.5632	ppb	0.2002	35.5	0.2585
Na 330.237	3162.93	ppb	66.8783	2.1	180.449
Ni 231.604	3.2591	ppb	0.7701	23.6	8.3603
Pb 220.353	-2.6561	ppb	2.4713	93.0	0.6857
Sb 206.834	1.2875	ppb	1.6440	127.7	1.6961
Se 196.026	0.3054	ppb	10.4794	3431.5	0.9846
Sn 189.925	-1.8168	ppb	3.9801	219.1	-1.2084
Sr 216.596	74.7491	ppb	0.8077	1.1	369.281
Ti 334.941	0.0265	ppb	0.0521	197.0	-37.2920
Tl 190.794	0.9046	ppb	1.0529	116.4	-0.9144
V 292.401	0.3098	ppb	0.2942	95.0	5.3000
Zn 206.200	1.3212	ppb	0.4552	34.5	4.3525

680-87457-g-3-aPDS (Samp) **2/19/2013, 2:40:14 AM** **Rack 3, Tube 10**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	48.6532	ppb	0.3294	0.7	1257.07
Al 308.215	1914.06	ppb	2.5501	0.1	6868.17
As 188.980	1995.96	ppb	12.3270	0.6	620.294
B 249.678	1008.57	ppb	5.5772	0.6	7522.43
Ba 389.178	2300.07	ppb	4.8409	0.2	31414.5
Be 313.042	50.2369	ppb	0.0979	0.2	66939.1
Ca 370.602	37322	ppb	67.74	0.2	118529
Cd 226.502	48.8998	ppb	0.0649	0.1	960.766
Co 228.615	492.328	ppb	1.0424	0.2	3502.07
Cr 267.716	197.374	ppb	0.5336	0.3	2710.99
Cu 324.754	239.267	ppb	1.5406	0.6	6305.04
Fe 271.441	1006.77	ppb	6.5389	0.6	611.856
K 766.491	7704.31	ppb	18.1035	0.2	859672
Mg 279.078	19936.4	ppb	41.5985	0.2	19254.8
Mn 257.610	686.158	ppb	1.8626	0.3	57140.1
Mo 202.032	546.930	ppb	0.6872	0.1	1513.10
Na 330.237	20198.7	ppb	192.143	1.0	1133.55
Ni 231.604	512.735	ppb	3.4534	0.7	1224.80
Pb 220.353	482.505	ppb	1.0615	0.2	348.242
Sb 206.834	504.538	ppb	4.8120	1.0	262.301
Se 196.026	1920.80	ppb	9.5742	0.5	464.931
Sn 189.925	987.725	ppb	8.7892	0.9	487.302
Sr 216.596	872.954	ppb	3.5472	0.4	4357.33
Ti 334.941	1008.62	ppb	2.3761	0.2	166640
Tl 190.794	2059.12	ppb	5.1735	0.3	821.905
V 292.401	512.912	ppb	1.4462	0.3	11559.1
Zn 206.200	503.798	ppb	0.5727	0.1	1226.95

680-87457-g-3-b ms (Samp) **2/19/2013, 2:46:24 AM** **Rack 3, Tube 11**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.3628	ppb	0.3812	0.7	1330.03
Al 308.215	4953.77	ppb	43.1644	0.9	17162.9
As 188.980	102.131	ppb	1.7827	1.7	30.6937
B 249.678	274.870	ppb	3.0200	1.1	2095.94
Ba 389.178	388.024	ppb	2.4073	0.6	5302.48
Be 313.042	52.1411	ppb	0.3904	0.7	69294.0
Ca 370.602	38159	ppb	268.5	0.7	120479
Cd 226.502	49.6799	ppb	0.5040	1.0	984.102
Co 228.615	52.3130	ppb	0.9638	1.8	361.475
Cr 267.716	101.802	ppb	1.1739	1.2	1399.94
Cu 324.754	99.6023	ppb	0.7121	0.7	2622.29
Fe 271.441	4938.83	ppb	23.3802	0.5	2949.36
K 766.491	7827.25	ppb	42.1393	0.5	873813
Mg 279.078	20326.1	ppb	157.134	0.8	19619.6
Mn 257.610	703.205	ppb	5.3733	0.8	58553.3
Mo 202.032	110.441	ppb	0.3341	0.3	306.528
Na 330.237	20196.8	ppb	275.318	1.4	1137.26
Ni 231.604	120.204	ppb	0.5454	0.5	288.065
Pb 220.353	48.4433	ppb	4.9602	10.2	36.6573
Sb 206.834	54.2023	ppb	3.7329	6.9	30.1391
Se 196.026	105.422	ppb	6.8584	6.5	26.4415
Sn 189.925	99.9056	ppb	1.8673	1.9	48.9282
Sr 216.596	474.202	ppb	4.8098	1.0	2373.64
Ti 334.941	104.327	ppb	0.8250	0.8	17226.7
Tl 190.794	34.7219	ppb	3.2202	9.3	12.1984
V 292.401	105.944	ppb	0.5960	0.6	2382.69
Zn 206.200	109.455	ppb	1.2443	1.1	267.725

680-87457-g-3-c msd (Samp) **2/19/2013, 2:52:33 AM** **Rack 3, Tube 12**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.3620	ppb	0.5558	1.1	1330.01
Al 308.215	4977.52	ppb	27.4718	0.6	17243.6
As 188.980	97.6751	ppb	14.5798	14.9	29.3057
B 249.678	271.192	ppb	1.6439	0.6	2068.75
Ba 389.178	385.046	ppb	2.4235	0.6	5261.62
Be 313.042	52.4127	ppb	0.2395	0.5	69654.9
Ca 370.602	37854	ppb	180.0	0.5	119504
Cd 226.502	49.6458	ppb	0.2397	0.5	983.521
Co 228.615	53.3260	ppb	0.2990	0.6	368.699
Cr 267.716	101.784	ppb	0.6499	0.6	1399.67
Cu 324.754	100.511	ppb	0.7332	0.7	2646.90
Fe 271.441	4946.34	ppb	21.2273	0.4	2953.90
K 766.491	7825.84	ppb	35.3238	0.5	873656
Mg 279.078	20248.9	ppb	75.7318	0.4	19545.0
Mn 257.610	704.734	ppb	3.0631	0.4	58680.5
Mo 202.032	111.304	ppb	0.4592	0.4	308.909
Na 330.237	20125.6	ppb	42.8910	0.2	1133.24
Ni 231.604	119.684	ppb	0.5744	0.5	286.824
Pb 220.353	50.5627	ppb	2.4968	4.9	38.1772

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	50.4307	ppb	2.1337	4.2	28.1569
Se 196.026	93.5488	ppb	6.4758	6.9	23.5737
Sn 189.925	104.580	ppb	2.1211	2.0	51.2363
Sr 216.596	470.155	ppb	2.7934	0.6	2353.32
Ti 334.941	104.993	ppb	0.4187	0.4	17336.4
Tl 190.794	40.0307	ppb	7.6458	19.1	14.3215
V 292.401	106.726	ppb	0.5071	0.5	2400.50
Zn 206.200	110.781	ppb	0.7187	0.6	270.949

Cont Calib Verif (CCV) **2/19/2013, 2:58:43 AM** **Rack 3, Tube 13**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	475.851	ppb	2.2029	0.5	12548.0	95.17020
Al 308.215	4820.50	ppb	34.5569	0.7	17013.2	96.40998
As 188.980	459.410	ppb	7.6427	1.7	142.593	91.88194
B 249.678	2308.72	ppb	9.7650	0.4	17110.4	92.34864
Ba 389.178	5024.67	ppb	31.9926	0.6	68626.5	100.49331
Be 313.042	487.880	ppb	2.5232	0.5	650376	97.57610
Ca 370.602	5034	ppb	30.42	0.6	15378	100.67453
Cd 226.502	482.058	ppb	3.0605	0.6	9345.00	96.41151
Co 228.615	485.123	ppb	2.9746	0.6	3447.24	97.02467
Cr 267.716	4880.38	ppb	28.7838	0.6	66914.8	97.60753
Cu 324.754	4636.81	ppb	33.1726	0.7	122444	92.73611
Fe 271.441	4749.83	ppb	37.3459	0.8	2882.62	94.99652
K 766.491	9794.60	ppb	54.2306	0.6	1091818	97.94604
Mg 279.078	5046.54	ppb	33.8690	0.7	4871.06	100.93074
Mn 257.610	5118.12	ppb	30.7967	0.6	426046	102.36240
Mo 202.032	530.753	ppb	3.5519	0.7	1461.28	106.15062
Na 330.237	7305.63	ppb	102.412	1.4	412.610	97.40840
Ni 231.604	2501.31	ppb	20.0872	0.8	5969.48	100.05227
Pb 220.353	481.347	ppb	1.7443	0.4	343.586	96.26938
Sb 206.834	473.848	ppb	6.8179	1.4	274.534	94.76963
Se 196.026	4689.94	ppb	29.7620	0.6	1134.45	93.79884
Sn 189.925	4858.18	ppb	54.8649	1.1	2397.60	97.16362
Sr 216.596	2454.63	ppb	17.1217	0.7	12239.5	98.18533
Ti 334.941	501.635	ppb	3.2781	0.7	83077.4	100.32692
Tl 190.794	4971.13	ppb	29.0131	0.6	1988.62	99.42251
V 292.401	5037.02	ppb	32.2227	0.6	114193	100.74033
Zn 206.200	2543.41	ppb	19.4576	0.8	6175.45	101.73654

Cont Calib Blank (CCB) **2/19/2013, 3:04:53 AM** **Rack 3, Tube 14**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.2802	ppb	0.2887	103.1	-36.1794	-0.28017
Al 308.215	-7.6547	ppb	1.6162	21.1	293.815	-7.65473
As 188.980	-0.4291	ppb	5.1618	1203.0	-1.0942	-0.42907
B 249.678	8.4938	ppb	1.7300	20.4	138.908	8.49384
Ba 389.178	0.2505	ppb	0.4380	174.9	-29.4879	0.25048
Be 313.042	-0.0725	ppb	0.0040	5.5	-88.6562	-0.07254
Ca 370.602	3.273	ppb	2.561	78.3	-78.60	3.27328
Cd 226.502	-0.0168	ppb	0.1839	1097.3	12.5769	-0.01676

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Co 228.615	0.1357	ppb	0.2590	190.9	-10.2263	0.13570
Cr 267.716	0.6083	ppb	0.4944	81.3	14.1371	0.60835
Cu 324.754	-0.3820	ppb	0.3273	85.7	55.4842	-0.38198
Fe 271.441	0.8219	ppb	6.9324	843.5	-13.7412	0.82190
K 766.491	-0.9287	ppb	0.3327	35.8	2112.19	-0.92867
Mg 279.078	-1.7760	ppb	3.5552	200.2	21.4595	-1.77601
Mn 257.610	-0.0402	ppb	0.0231	57.5	1.4171	-0.04018
Mo 202.032	0.6723	ppb	1.4247	211.9	3.6744	0.67228
Na 330.237	87.1895	ppb	47.6179	54.6	7.3202	87.18949
Ni 231.604	0.1735	ppb	0.4146	239.0	0.9062	0.17346
Pb 220.353	-1.8933	ppb	2.0647	109.1	1.2334	-1.89330
Sb 206.834	1.1797	ppb	3.1505	267.1	1.5925	1.17971
Se 196.026	-6.1271	ppb	3.2087	52.4	-0.5749	-6.12713
Sn 189.925	0.3138	ppb	1.5394	490.6	-0.1374	0.31378
Sr 216.596	-0.0804	ppb	0.3653	454.6	-6.8011	-0.08036
Ti 334.941	0.0253	ppb	0.0726	287.5	-42.9901	0.02527
Tl 190.794	-2.5102	ppb	1.9685	78.4	-2.2251	-2.51022
V 292.401	0.4023	ppb	0.2173	54.0	7.3553	0.40233
Zn 206.200	0.3345	ppb	1.0065	300.9	1.8706	0.33453

680-87457-g-4-a (Samp) **2/19/2013, 3:11:02 AM** **Rack 3, Tube 15**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3083	ppb	0.2942	95.4	-36.6497
Al 308.215	3.2218	ppb	1.3710	42.6	330.836
As 188.980	-4.4957	ppb	8.3155	185.0	-2.3609
B 249.678	194.176	ppb	1.0283	0.5	1509.23
Ba 389.178	228.584	ppb	0.4537	0.2	3109.56
Be 313.042	0.0990	ppb	0.0053	5.3	146.090
Ca 370.602	33915	ppb	68.00	0.2	107740
Cd 226.502	0.1474	ppb	0.0928	62.9	15.7971
Co 228.615	0.2816	ppb	0.3864	137.2	-9.0568
Cr 267.716	1.5547	ppb	0.0772	5.0	27.2894
Cu 324.754	0.3401	ppb	0.3843	113.0	8.1367
Fe 271.441	43.9307	ppb	5.9356	13.5	12.1158
K 766.491	3061.90	ppb	4.9273	0.2	343153
Mg 279.078	13925.5	ppb	34.6361	0.2	13459.0
Mn 257.610	99.0526	ppb	0.1308	0.1	8256.73
Mo 202.032	-0.7455	ppb	0.4633	62.1	-0.2474
Na 330.237	16617.0	ppb	82.2533	0.5	937.759
Ni 231.604	5.7130	ppb	0.4290	7.5	14.5384
Pb 220.353	1.6724	ppb	3.4334	205.3	3.7948
Sb 206.834	1.9454	ppb	3.5982	185.0	2.2511
Se 196.026	5.3694	ppb	4.3972	81.9	2.2183
Sn 189.925	-2.4845	ppb	0.8624	34.7	-1.6170
Sr 216.596	324.313	ppb	0.8803	0.3	1623.95
Ti 334.941	0.1066	ppb	0.0677	63.5	-1.4703
Tl 190.794	-0.7446	ppb	3.5362	474.9	-1.7925
V 292.401	1.7449	ppb	0.1243	7.1	37.8588
Zn 206.200	2.8214	ppb	0.8623	30.6	8.2806

680-87457-g-6-a (Samp) **2/19/2013, 3:17:12 AM** **Rack 3, Tube 16**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0173	ppb	0.3685	2129.9	-28.5457
Al 308.215	277.785	ppb	2.5696	0.9	1264.06
As 188.980	1.3461	ppb	6.1334	455.6	-0.5606
B 249.678	4.9116	ppb	1.1195	22.8	111.047
Ba 389.178	24.3293	ppb	0.6114	2.5	304.523
Be 313.042	0.0229	ppb	0.0081	35.3	38.3847
Ca 370.602	4036	ppb	10.74	0.3	12620
Cd 226.502	0.0401	ppb	0.1146	286.1	15.2994
Co 228.615	2.1693	ppb	0.0966	4.5	4.4153
Cr 267.716	41.2349	ppb	0.4085	1.0	571.042
Cu 324.754	14.2858	ppb	0.2586	1.8	435.356
Fe 271.441	780.938	ppb	2.2303	0.3	453.990
K 766.491	1937.83	ppb	3.8609	0.2	218018
Mg 279.078	2887.78	ppb	4.1777	0.1	2807.15
Mn 257.610	30.2905	ppb	0.1080	0.4	2528.16
Mo 202.032	8.3519	ppb	1.1371	13.6	24.8245
Na 330.237	5262.53	ppb	107.280	2.0	298.406
Ni 231.604	35.9506	ppb	0.0891	0.2	86.3753
Pb 220.353	0.9932	ppb	5.1109	514.6	3.2322
Sb 206.834	1.0734	ppb	5.4510	507.8	1.8634
Se 196.026	2.9293	ppb	11.1576	380.9	1.6108
Sn 189.925	-2.3251	ppb	0.9309	40.0	-1.4474
Sr 216.596	40.2229	ppb	0.5098	1.3	194.856
Ti 334.941	17.3379	ppb	0.0392	0.2	2822.51
Tl 190.794	-0.3183	ppb	2.0457	642.6	-1.4133
V 292.401	1.6047	ppb	0.3912	24.4	31.4909
Zn 206.200	85.2323	ppb	0.8189	1.0	208.430

680-87457-g-12-a (Samp) **2/19/2013, 3:23:22 AM** **Rack 3, Tube 17**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2286	ppb	0.8218	359.5	-34.8831
Al 308.215	137.951	ppb	7.1037	5.1	788.684
As 188.980	3.4825	ppb	5.0639	145.4	0.1194
B 249.678	0.7934	ppb	0.6147	77.5	81.8039
Ba 389.178	27.8976	ppb	0.8464	3.0	350.657
Be 313.042	0.0587	ppb	0.0059	10.0	86.3581
Ca 370.602	2757	ppb	64.32	2.3	8653
Cd 226.502	0.0187	ppb	0.2087	1117.3	13.5899
Co 228.615	0.3226	ppb	0.1127	34.9	-8.7823
Cr 267.716	8.8839	ppb	0.3680	4.1	127.593
Cu 324.754	3.1438	ppb	0.3029	9.6	143.245
Fe 271.441	166.060	ppb	5.7052	3.4	85.3305
K 766.491	1088.08	ppb	24.0398	2.2	123384
Mg 279.078	1606.23	ppb	43.8293	2.7	1572.48
Mn 257.610	5.6410	ppb	0.1357	2.4	475.259
Mo 202.032	0.3746	ppb	0.6292	168.0	2.8346
Na 330.237	4683.02	ppb	202.913	4.3	265.939
Ni 231.604	4.1555	ppb	0.7344	17.7	10.4613
Pb 220.353	-0.3103	ppb	1.8363	591.8	2.3491

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	0.2967	ppb	3.5402	1193.1	1.2021
Se 196.026	-1.3441	ppb	1.9453	144.7	0.5799
Sn 189.925	1.4566	ppb	2.3829	163.6	0.4208
Sr 216.596	26.5587	ppb	0.7646	2.9	127.054
Ti 334.941	7.4907	ppb	0.1030	1.4	1192.97
Tl 190.794	-1.5406	ppb	4.4978	292.0	-1.8631
V 292.401	1.4196	ppb	0.3357	23.6	30.1482
Zn 206.200	15.5503	ppb	0.3478	2.2	38.9176

680-87457-g-13-a (Samp) **2/19/2013, 3:29:31 AM** **Rack 3, Tube 18**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.1995	ppb	0.6763	339.0	-23.5808
Al 308.215	82.4256	ppb	1.2990	1.6	599.970
As 188.980	-1.8331	ppb	5.3647	292.7	-1.5329
B 249.678	0.2909	ppb	0.5450	187.3	78.2222
Ba 389.178	42.2664	ppb	1.0816	2.6	553.466
Be 313.042	0.0397	ppb	0.0069	17.3	61.8882
Ca 370.602	7940	ppb	10.11	0.1	25141
Cd 226.502	0.0124	ppb	0.0986	795.2	13.3381
Co 228.615	-0.1410	ppb	0.3837	272.1	-12.1145
Cr 267.716	10.8029	ppb	0.3075	2.8	153.961
Cu 324.754	0.4539	ppb	0.2083	45.9	62.1829
Fe 271.441	96.7049	ppb	4.6544	4.8	43.7282
K 766.491	1024.58	ppb	1.2585	0.1	116309
Mg 279.078	6098.71	ppb	13.0611	0.2	5907.23
Mn 257.610	5.2748	ppb	0.0528	1.0	446.884
Mo 202.032	-0.5841	ppb	0.7168	122.7	0.1913
Na 330.237	8478.90	ppb	118.632	1.4	479.654
Ni 231.604	5.5068	ppb	0.3852	7.0	13.8180
Pb 220.353	-0.3533	ppb	1.5824	447.9	2.3239
Sb 206.834	-3.8822	ppb	5.2635	135.6	-0.9167
Se 196.026	-5.2290	ppb	3.9517	75.6	-0.3578
Sn 189.925	-0.5394	ppb	3.2933	610.6	-0.5800
Sr 216.596	52.3628	ppb	0.8519	1.6	256.827
Ti 334.941	3.2817	ppb	0.0181	0.6	501.950
Tl 190.794	-0.9841	ppb	5.0303	511.2	-1.6814
V 292.401	1.3246	ppb	0.0653	4.9	28.0444
Zn 206.200	17.9137	ppb	0.4884	2.7	44.7770

680-87382-d-5-b (Samp) **2/19/2013, 3:35:41 AM** **Rack 3, Tube 19**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1145	ppb	0.4654	406.3	-32.9764
Al 308.215	4038.07	ppb	12.8827	0.3	14041.3
As 188.980	3.6591	ppb	9.5035	259.7	-0.2978
B 249.678	24.8439	ppb	1.0485	4.2	229.030
Ba 389.178	530.771	ppb	2.0773	0.4	7242.07
Be 313.042	0.8938	ppb	0.0064	0.7	1204.86
Ca 370.602	9547	ppb	25.06	0.3	27581
Cd 226.502	-0.2859	ppb	0.0794	27.8	42.6028

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	14.5694	ppb	0.4123	2.8	93.4978
Cr 267.716	4.2872	ppb	0.4241	9.9	56.9394
Cu 324.754	10.4539	ppb	0.3723	3.6	328.618
Fe 271.441	16829.9	ppb	68.0817	0.4	10076.2
K 766.491	4056.19	ppb	10.1387	0.2	453812
Mg 279.078	6177.42	ppb	27.9851	0.5	5934.00
Mn 257.610	461.757	ppb	1.6663	0.4	38454.7
Mo 202.032	-0.7537	ppb	0.7001	92.9	-2.0793
Na 330.237	13576.3	ppb	179.781	1.3	761.314
Ni 231.604	9.0152	ppb	0.8610	9.6	23.0452
Pb 220.353	17.4835	ppb	6.9059	39.5	14.5958
Sb 206.834	-1.9722	ppb	5.0431	255.7	0.3928
Se 196.026	4.6270	ppb	9.9404	214.8	1.9523
Sn 189.925	6.6642	ppb	2.7711	41.6	2.9795
Sr 216.596	86.1775	ppb	1.2243	1.4	432.142
Ti 334.941	29.7780	ppb	0.1490	0.5	4881.11
Tl 190.794	-0.6757	ppb	0.8186	121.2	-2.3233
V 292.401	18.9218	ppb	0.0781	0.4	430.689
Zn 206.200	60.6618	ppb	0.8598	1.4	149.162

680-87094-a-7-b (Samp) **2/19/2013, 3:41:51 AM** **Rack 3, Tube 20**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	71.0466b	ppb	1.3608	1.9	2608.95
Al 308.215	6855.04b	ppb	30.1670	0.4	23612.8
As 188.980	-122.001b	ppb	17.5429	14.4	-39.3718
B 249.678	-57.5232b	ppb	1.4482	2.5	-380.604
Ba 389.178	96.8426b	ppb	1.0381	1.1	1297.48
Be 313.042	0.5191b	ppb	0.0083	1.6	633.586
Ca 370.602	17122b	ppb	99.93	0.6	56684
Cd 226.502	-6.2591b	ppb	0.3781	6.0	-77.2180
Co 228.615	-67.9783b	ppb	1.0609	1.6	-812.293
Cr 267.716	108.489b	ppb	0.9763	0.9	1708.55
Cu 324.754	96.6441b	ppb	0.5768	0.6	2585.83
Fe 271.441	16891.3b	ppb	44.1492	0.3	10107.3
K 766.491	-oxb	ppb	1678.86	0.4	41714508
Mg 279.078	90.5872b	ppb	14.6874	16.2	-236.657
Mn 257.610	-xb	ppb	729.195	0.4	17195938
Mo 202.032	16.3145b	ppb	1.5693	9.6	45.2127
Na 330.237	-xb	ppb	4013.96	0.3	86381.8
Ni 231.604	-5.7700b	ppb	1.2918	22.4	-12.3811
Pb 220.353	412.943b	ppb	8.4359	2.0	298.323
Sb 206.834	-12471.3b	ppb	166.107	1.3	-8623.23
Se 196.026	483.813b	ppb	30.5670	6.3	152.029
Sn 189.925	-xb	ppb	8061.13	0.6	674678
Sr 216.596	47.4877b	ppb	1.8973	4.0	238.340
Ti 334.941	253.359b	ppb	0.5385	0.2	41773.2
Tl 190.794	-286.208b	ppb	10.9030	3.8	-116.543
V 292.401	-6.2578b	ppb	0.4443	7.1	-489.969
Zn 206.200	306.723b	ppb	2.4776	0.8	746.946

680-87094-a-7-b^100 (Samp) **2/19/2013, 3:48:00 AM** **Rack 3, Tube 21**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3055b	ppb	0.0368	12.1	0.9787
Al 308.215	53.5091b	ppb	2.6190	4.9	501.607
As 188.980	0.8197b	ppb	2.0544	250.6	-0.7101
B 249.678	-4.9534b	ppb	0.5330	10.8	39.3552
Ba 389.178	1.3757b	ppb	0.4992	36.3	-14.0388
Be 313.042	-0.0821b	ppb	0.0043	5.3	-101.168
Ca 370.602	114.4b	ppb	0.9220	0.8	495.4
Cd 226.502	-0.2718b	ppb	0.1809	66.6	7.9667
Co 228.615	0.2777b	ppb	0.2574	92.7	-19.6174
Cr 267.716	0.6954b	ppb	0.4158	59.8	25.9784
Cu 324.754	0.8241b	ppb	0.4035	49.0	87.0128
Fe 271.441	179.333b	ppb	6.7524	3.8	93.2308
K 766.491	7854.48b	ppb	45.2494	0.6	876937
Mg 279.078	15.8553b	ppb	2.8026	17.7	23.1727
Mn 257.610	10242.7b	ppb	58.4670	0.6	852604
Mo 202.032	-0.4795b	ppb	0.1530	31.9	0.4733
Na 330.237	11687.0b	ppb	63.3067	0.5	660.192
Ni 231.604	0.1218b	ppb	0.2371	194.7	0.7928
Pb 220.353	3.2825b	ppb	0.5858	17.8	4.9440
Sb 206.834	-30.1455b	ppb	3.2094	10.6	-83.6722
Se 196.026	-2.4499b	ppb	1.2921	52.7	2.0174
Sn 189.925	44032.2b	ppb	380.491	0.9	21732.3
Sr 216.596	0.7939b	ppb	0.0881	11.1	-2.3400
Ti 334.941	2.6714b	ppb	0.0487	1.8	393.942
Tl 190.794	-4.1074b	ppb	7.4679	181.8	-2.8730
V 292.401	0.5446b	ppb	0.2309	42.4	-5.7478
Zn 206.200	3.2542b	ppb	0.1444	4.4	8.9721

680-87094-a-7-b^500 (Samp) **2/19/2013, 3:54:10 AM** **Rack 3, Tube 22**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1383	ppb	0.1953	141.2	-24.4743
Al 308.215	2.8118	ppb	1.1117	39.5	329.364
As 188.980	3.9487	ppb	2.8346	71.8	0.2675
B 249.678	-4.3148	ppb	0.3364	7.8	44.3238
Ba 389.178	0.4057	ppb	0.9791	241.3	-27.3500
Be 313.042	-0.0860	ppb	0.0057	6.7	-106.532
Ca 370.602	24.17	ppb	2.289	9.5	34.73
Cd 226.502	-0.0587	ppb	0.2058	350.3	11.8259
Co 228.615	0.2745	ppb	0.2525	92.0	-11.3641
Cr 267.716	0.4294	ppb	0.1647	38.3	13.9233
Cu 324.754	-0.0031	ppb	0.2542	8235.0	65.4282
Fe 271.441	40.8757	ppb	6.0933	14.9	10.2648
K 766.491	1633.09	ppb	15.7087	1.0	184086
Mg 279.078	0.6272	ppb	4.0533	646.3	20.5711
Mn 257.610	2153.72	ppb	25.1086	1.2	179281
Mo 202.032	-0.0952	ppb	1.0070	1057.2	1.5494
Na 330.237	2364.66	ppb	136.716	5.8	135.503
Ni 231.604	0.1846	ppb	1.3448	728.6	0.9342
Pb 220.353	-2.0928	ppb	1.7194	82.2	1.0887

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-12.2603	ppb	3.7960	31.0	-19.5021
Se 196.026	-2.2963	ppb	11.6539	507.5	0.7087
Sn 189.925	9004.49	ppb	212.619	2.4	4443.98
Sr 216.596	-0.3071	ppb	0.9834	320.2	-7.9280
Ti 334.941	0.4668	ppb	0.0159	3.4	29.8887
Tl 190.794	-5.2030	ppb	6.5594	126.1	-3.3023
V 292.401	0.3115	ppb	0.0891	28.6	1.8640
Zn 206.200	0.7788	ppb	0.0834	10.7	2.9519

680-87303-a-5-b (Samp) **2/19/2013, 4:00:20 AM** **Rack 3, Tube 23**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4417	ppb	0.7659	173.4	-41.1438
Al 308.215	47.2761	ppb	1.6324	3.5	479.464
As 188.980	-2.5502	ppb	2.0604	80.8	-1.9688
B 249.678	58.9501	ppb	0.9932	1.7	497.076
Ba 389.178	37.2218	ppb	1.4762	4.0	495.308
Be 313.042	0.5285	ppb	0.0099	1.9	715.816
Ca 370.602	38069	ppb	406.5	1.1	119704
Cd 226.502	0.0833	ppb	0.0829	99.6	30.6554
Co 228.615	2.9752	ppb	0.2105	7.1	10.1419
Cr 267.716	0.1000	ppb	0.2599	259.9	3.7462
Cu 324.754	0.9993	ppb	0.5870	58.7	19.7962
Fe 271.441	7805.68	ppb	96.0265	1.2	4665.49
K 766.491	3428.84	ppb	32.9006	1.0	384063
Mg 279.078	8209.00	ppb	67.6668	0.8	7920.79
Mn 257.610	172.778	ppb	1.8017	1.0	14395.5
Mo 202.032	0.0287	ppb	0.7933	2762.8	1.0490
Na 330.237	34068.9	ppb	476.378	1.4	1917.73
Ni 231.604	7.0934	ppb	1.2463	17.6	18.0562
Pb 220.353	-3.1297	ppb	2.3035	73.6	0.2652
Sb 206.834	6.4705	ppb	4.8488	74.9	4.8232
Se 196.026	2.5774	ppb	7.6026	295.0	1.4883
Sn 189.925	-0.5963	ppb	4.4608	748.1	-0.6928
Sr 216.596	220.448	ppb	2.0478	0.9	1104.78
Ti 334.941	-0.0364	ppb	0.0499	137.3	-22.3910
Tl 190.794	-5.3486	ppb	4.3044	80.5	-4.0180
V 292.401	1.2368	ppb	0.0486	3.9	27.3104
Zn 206.200	25.8330	ppb	0.5557	2.2	64.2904

680-87303-a-6-b (Samp) **2/19/2013, 4:06:30 AM** **Rack 3, Tube 24**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.1015	ppb	0.2560	252.3	-26.9121
Al 308.215	21.3786	ppb	4.0441	18.9	391.293
As 188.980	0.2319	ppb	6.8256	2943.9	-1.1350
B 249.678	56.7320	ppb	2.9877	5.3	478.545
Ba 389.178	35.2329	ppb	1.9161	5.4	468.872
Be 313.042	0.3886	ppb	0.0314	8.1	529.715
Ca 370.602	36722	ppb	1671	4.5	115232
Cd 226.502	-0.1999	ppb	0.1648	82.4	27.6327

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	2.9959	ppb	0.3073	10.3	10.2995
Cr 267.716	-0.0796	ppb	0.1926	242.1	0.7282
Cu 324.754	0.6761	ppb	0.1600	23.7	14.3194
Fe 271.441	8995.08	ppb	414.394	4.6	5378.56
K 766.491	3269.21	ppb	115.680	3.5	366285
Mg 279.078	7874.23	ppb	369.132	4.7	7594.34
Mn 257.610	190.817	ppb	8.8291	4.6	15897.6
Mo 202.032	0.2395	ppb	0.8586	358.5	1.5037
Na 330.237	32638.0	ppb	1374.87	4.2	1836.80
Ni 231.604	6.9602	ppb	1.0746	15.4	17.7936
Pb 220.353	-2.4410	ppb	0.6687	27.4	0.7507
Sb 206.834	1.1712	ppb	4.6143	394.0	2.0685
Se 196.026	4.7972	ppb	12.2168	254.7	2.0171
Sn 189.925	1.2138	ppb	1.6580	136.6	0.2045
Sr 216.596	214.499	ppb	9.9483	4.6	1075.22
Ti 334.941	-0.0072	ppb	0.0149	206.3	-18.6147
Tl 190.794	-1.4488	ppb	3.2733	225.9	-2.5042
V 292.401	1.0022	ppb	0.3190	31.8	22.0621
Zn 206.200	5.0728	ppb	1.0659	21.0	13.7869

Cont Calib Verif (CCV) **2/19/2013, 4:12:40 AM** **Rack 3, Tube 25**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	471.570	ppb	9.4960	2.0	12434.9	94.31401
Al 308.215	4733.91	ppb	108.335	2.3	16716.7	94.67829
As 188.980	442.021	ppb	9.6942	2.2	137.175	88.40416Q
B 249.678	2245.67	ppb	42.8489	1.9	16645.1	89.82668Q
Ba 389.178	4972.85	ppb	116.759	2.3	67918.5	99.45710
Be 313.042	480.534	ppb	10.5361	2.2	640603	96.10674
Ca 370.602	4985	ppb	105.3	2.1	15228	99.70045
Cd 226.502	475.472	ppb	9.9245	2.1	9217.54	95.09431
Co 228.615	478.006	ppb	9.9690	2.1	3396.49	95.60114
Cr 267.716	4826.62	ppb	103.971	2.2	66177.8	96.53246
Cu 324.754	4549.73	ppb	60.5019	1.3	120145	90.99451
Fe 271.441	4686.18	ppb	99.7076	2.1	2844.06	93.72366
K 766.491	9593.13	ppb	164.136	1.7	1069393	95.93130
Mg 279.078	4992.83	ppb	110.485	2.2	4819.44	99.85654
Mn 257.610	5068.53	ppb	109.163	2.2	421918	101.37065
Mo 202.032	527.318	ppb	13.8985	2.6	1451.84	105.46356
Na 330.237	7171.65	ppb	66.2843	0.9	405.075	95.62205
Ni 231.604	2482.43	ppb	54.6002	2.2	5924.41	99.29726
Pb 220.353	472.918	ppb	9.4609	2.0	337.577	94.58355
Sb 206.834	463.690	ppb	17.7406	3.8	268.881	92.73802
Se 196.026	4537.69	ppb	94.7713	2.1	1097.67	90.75381
Sn 189.925	4832.85	ppb	82.0871	1.7	2385.10	96.65709
Sr 216.596	2439.20	ppb	54.0239	2.2	12162.5	97.56805
Ti 334.941	497.713	ppb	11.0087	2.2	82427.2	99.54255
Tl 190.794	4896.98	ppb	92.7689	1.9	1958.98	97.93952
V 292.401	5003.23	ppb	111.209	2.2	113428	100.06466
Zn 206.200	2525.10	ppb	55.1692	2.2	6131.03	101.00409

Cont Calib Blank (CCB) **2/19/2013, 4:18:50 AM** **Rack 3, Tube 26**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	0.0691	ppb	0.3205	463.5	-26.9448	0.06915
Al 308.215	-12.9397	ppb	2.0448	15.8	275.840	-12.93972
As 188.980	-5.6735	ppb	1.8320	32.3	-2.7266	-5.67355
B 249.678	6.7584	ppb	1.2902	19.1	126.103	6.75842
Ba 389.178	1.0148	ppb	0.5633	55.5	-19.0523	1.01484
Be 313.042	-0.0684	ppb	0.0094	13.8	-83.2504	-0.06844
Ca 370.602	1.156	ppb	1.521	131.6	-84.74	1.15567
Cd 226.502	-0.0811	ppb	0.0173	21.4	11.3248	-0.08112
Co 228.615	-0.3945	ppb	0.1535	38.9	-13.9981	-0.39455
Cr 267.716	0.4984	ppb	0.1769	35.5	12.6310	0.49837
Cu 324.754	-0.2297	ppb	0.4317	187.9	59.5080	-0.22975
Fe 271.441	7.5167	ppb	10.0138	133.2	-9.7421	7.51672
K 766.491	-0.0341	ppb	0.2487	730.3	2211.66	-0.03406
Mg 279.078	1.8462	ppb	6.7811	367.3	24.9648	1.84618
Mn 257.610	0.1017	ppb	0.0628	61.7	13.2255	0.10169
Mo 202.032	0.2312	ppb	0.5690	246.1	2.4555	0.23124
Na 330.237	-57.6768	ppb	42.3072	73.4	-0.8346	-57.67685
Ni 231.604	0.1709	ppb	0.3681	215.4	0.9008	0.17088
Pb 220.353	-3.8156	ppb	1.3486	35.3	-0.1468	-3.81560
Sb 206.834	-0.5544	ppb	3.4969	630.8	0.6868	-0.55438
Se 196.026	1.7776	ppb	0.9234	51.9	1.3344	1.77758
Sn 189.925	-1.8170	ppb	0.9672	53.2	-1.1891	-1.81703
Sr 216.596	-0.1081	ppb	0.3346	309.4	-6.9384	-0.10815
Ti 334.941	0.1091	ppb	0.1786	163.7	-29.1554	0.10910
Tl 190.794	-0.6783	ppb	3.6118	532.5	-1.4937	-0.67828
V 292.401	0.2962	ppb	0.2746	92.7	5.0165	0.29624
Zn 206.200	-0.5493	ppb	0.4330	78.8	-0.2790	-0.54928

mb 680-266211/1-b (Samp) **2/19/2013, 4:25:00 AM** **Rack 3, Tube 27**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.3502	ppb	0.3811	108.8	-19.5173
Al 308.215	-13.6367	ppb	2.5274	18.5	273.449
As 188.980	0.4243	ppb	3.3427	787.8	-0.8287
B 249.678	1.4808	ppb	0.6520	44.0	87.1590
Ba 389.178	0.9585	ppb	0.6207	64.8	-19.8186
Be 313.042	-0.0784	ppb	0.0071	9.1	-96.4514
Ca 370.602	2.334	ppb	3.008	128.9	-81.64
Cd 226.502	0.0276	ppb	0.0783	283.4	13.4353
Co 228.615	-0.1183	ppb	0.3850	325.4	-12.0225
Cr 267.716	0.1551	ppb	0.5079	327.4	7.9214
Cu 324.754	-0.0638	ppb	0.5024	786.9	63.8807
Fe 271.441	7.2461	ppb	11.3915	157.2	-9.8936
K 766.491	0.2693	ppb	0.2309	85.7	2245.45
Mg 279.078	1.2357	ppb	3.4435	278.7	24.3644
Mn 257.610	0.0655	ppb	0.0246	37.6	10.2122
Mo 202.032	-0.5503	ppb	0.5849	106.3	0.2945
Na 330.237	49.4786	ppb	132.371	267.5	5.1983
Ni 231.604	-0.3157	ppb	1.1169	353.8	-0.2598
Pb 220.353	-1.2585	ppb	1.8455	146.6	1.6915

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	-1.6130	ppb	4.1240	255.7	0.1327
Se 196.026	-2.3469	ppb	6.9361	295.5	0.3382
Sn 189.925	-0.5095	ppb	4.0037	785.7	-0.5438
Sr 216.596	0.7061	ppb	0.2979	42.2	-2.8200
Ti 334.941	-0.0817	ppb	0.0437	53.5	-60.6798
Tl 190.794	-1.9694	ppb	4.8354	245.5	-2.0085
V 292.401	0.2710	ppb	0.3692	136.3	4.5755
Zn 206.200	0.3559	ppb	0.3715	104.4	1.9238

lcs 680-266211/2-b (Samp) **2/19/2013, 4:31:10 AM** **Rack 3, Tube 28**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	50.3161	ppb	0.4236	0.8	1301.81
Al 308.215	4858.56	ppb	29.5830	0.6	16839.2
As 188.980	97.9790	ppb	3.5703	3.6	29.4044
B 249.678	186.450	ppb	1.8647	1.0	1443.44
Ba 389.178	100.912	ppb	1.4082	1.4	1358.70
Be 313.042	50.5474	ppb	0.3253	0.6	67171.3
Ca 370.602	5061	ppb	29.64	0.6	15249
Cd 226.502	49.7555	ppb	0.5256	1.1	985.443
Co 228.615	49.5173	ppb	0.6265	1.3	341.424
Cr 267.716	100.306	ppb	0.8237	0.8	1379.19
Cu 324.754	94.2613	ppb	0.8484	0.9	2545.94
Fe 271.441	4849.01	ppb	26.7257	0.6	2895.41
K 766.491	5160.29	ppb	26.6978	0.5	576872
Mg 279.078	5212.21	ppb	15.3646	0.3	5037.33
Mn 257.610	524.709	ppb	3.2725	0.6	43687.8
Mo 202.032	109.542	ppb	0.4462	0.4	304.044
Na 330.237	4531.14	ppb	133.360	2.9	255.477
Ni 231.604	104.029	ppb	2.5644	2.5	249.028
Pb 220.353	47.1435	ppb	2.1857	4.6	35.7356
Sb 206.834	47.6791	ppb	4.1251	8.7	26.4722
Se 196.026	90.5388	ppb	9.5600	10.6	22.8173
Sn 189.925	98.3061	ppb	1.0825	1.1	48.2347
Sr 216.596	103.989	ppb	0.4298	0.4	513.068
Ti 334.941	103.401	ppb	0.6501	0.6	17046.2
Tl 190.794	39.1557	ppb	1.2095	3.1	14.2352
V 292.401	104.767	ppb	1.0982	1.0	2356.57
Zn 206.200	104.172	ppb	0.2010	0.2	254.477

lcs 680-266211/3-b (Samp) **2/19/2013, 4:37:20 AM** **Rack 3, Tube 29**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	197.677	ppb	13.7076	6.9	5199.33
Al 308.215	1906.44	ppb	98.2720	5.2	6813.50
As 188.980	197.012	ppb	8.1839	4.2	59.8574
B 249.678	359.768	ppb	17.3686	4.8	2697.49
Ba 389.178	189.313	ppb	9.1103	4.8	2604.05
Be 313.042	194.966	ppb	9.4826	4.9	258978
Ca 370.602	19829	ppb	927.2	4.7	59896
Cd 226.502	192.811	ppb	9.8673	5.1	3782.18

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	192.182	ppb	9.1966	4.8	1357.65
Cr 267.716	194.577	ppb	9.4548	4.9	2665.95
Cu 324.754	183.955	ppb	10.1824	5.5	4890.74
Fe 271.441	19493.7	ppb	998.596	5.1	11681.2
K 766.491	19763.4	ppb	763.237	3.9	2203141
Mg 279.078	20493.0	ppb	913.361	4.5	19736.3
Mn 257.610	2019.71	ppb	97.5931	4.8	168148
Mo 202.032	215.487	ppb	10.1309	4.7	595.181
Na 330.237	18179.0	ppb	847.529	4.7	1018.69
Ni 231.604	202.189	ppb	10.3817	5.1	484.284
Pb 220.353	192.759	ppb	13.1856	6.8	140.303
Sb 206.834	199.285	ppb	4.9515	2.5	106.968
Se 196.026	195.382	ppb	12.2968	6.3	48.2603
Sn 189.925	195.960	ppb	11.1541	5.7	96.4131
Sr 216.596	215.137	ppb	10.6074	4.9	1072.17
Ti 334.941	201.564	ppb	9.9274	4.9	33281.8
Tl 190.794	37.1170	ppb	2.0595	5.5	12.9249
V 292.401	206.392	ppb	9.5735	4.6	4644.81
Zn 206.200	190.510	ppb	9.3273	4.9	464.975

680-87424-b-1-d (Samp) **2/19/2013, 4:43:30 AM** **Rack 3, Tube 30**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0833	ppb	0.2294	275.4	-26.1406
Al 308.215	251.672	ppb	0.8144	0.3	1201.04
As 188.980	-5.3589	ppb	3.0436	56.8	-2.6059
B 249.678	21.3437	ppb	0.2619	1.2	232.955
Ba 389.178	24.2985	ppb	0.4791	2.0	308.809
Be 313.042	-0.0975	ppb	0.0012	1.2	107.658
Ca 370.602	161444	ppb	1222	0.8	513206
Cd 226.502	-0.0903	ppb	0.1232	136.4	11.1257
Co 228.615	1.1240	ppb	0.1668	14.8	-4.8522
Cr 267.716	2.8915	ppb	0.1918	6.6	43.2391
Cu 324.754	0.5169	ppb	0.4892	94.6	-244.508
Fe 271.441	63.9951	ppb	17.3923	27.2	27.2006
K 766.491	24143.2	ppb	96.5118	0.4	2690940
Mg 279.078	5735.97	ppb	39.5711	0.7	5557.54
Mn 257.610	4.5997	ppb	0.0644	1.4	391.111
Mo 202.032	122.227	ppb	0.7632	0.6	339.164
Na 330.237	15415.2	ppb	64.4581	0.4	870.111
Ni 231.604	8.7148	ppb	0.6249	7.2	21.4355
Pb 220.353	-1.9625	ppb	3.5118	178.9	1.0104
Sb 206.834	-3.7475	ppb	5.2491	140.1	-0.3372
Se 196.026	-0.8300	ppb	7.0977	855.2	0.7055
Sn 189.925	0.0735	ppb	0.7348	999.2	-0.7370
Sr 216.596	679.543	ppb	2.8707	0.4	3411.33
Ti 334.941	0.0201	ppb	0.0420	209.6	92.6719
Tl 190.794	-4.0987	ppb	5.2350	127.7	-3.9051
V 292.401	394.540	ppb	1.9616	0.5	8947.30
Zn 206.200	-0.1668	ppb	0.3340	200.3	0.7909

680-87424-b-1-dSD^5 (Samp) **2/19/2013, 4:49:39 AM** **Rack 3, Tube 31**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1008	ppb	0.2332	231.3	-31.3475
Al 308.215	42.2019	ppb	0.8833	2.1	468.534
As 188.980	-0.8590	ppb	2.8796	335.2	-1.2233
B 249.678	1.8508	ppb	0.6758	36.5	89.7491
Ba 389.178	5.6292	ppb	0.5647	10.0	45.9822
Be 313.042	-0.0864	ppb	0.0022	2.6	-60.1563
Ca 370.602	32621	ppb	114.7	0.4	103628
Cd 226.502	-0.1311	ppb	0.1497	114.2	10.3407
Co 228.615	0.5271	ppb	0.1809	34.3	-7.7710
Cr 267.716	0.3360	ppb	0.2255	67.1	9.9523
Cu 324.754	0.2595	ppb	0.3571	137.6	6.9911
Fe 271.441	20.1128	ppb	7.5565	37.6	-1.5396
K 766.491	4656.04	ppb	14.3517	0.3	520739
Mg 279.078	1174.00	ppb	1.3750	0.1	1155.93
Mn 257.610	0.9219	ppb	0.0213	2.3	82.2048
Mo 202.032	24.6498	ppb	0.6652	2.7	69.8488
Na 330.237	2911.78	ppb	77.5724	2.7	166.314
Ni 231.604	1.5463	ppb	0.1266	8.2	4.2104
Pb 220.353	-3.7602	ppb	3.6375	96.7	-0.1420
Sb 206.834	-0.6670	ppb	1.9246	288.5	0.7525
Se 196.026	7.6119	ppb	11.4148	150.0	2.7437
Sn 189.925	-1.1055	ppb	2.2874	206.9	-0.9351
Sr 216.596	139.258	ppb	0.0763	0.1	693.994
Ti 334.941	0.0370	ppb	0.0422	114.0	-13.4843
Tl 190.794	-6.3723	ppb	3.6009	56.5	-3.9767
V 292.401	80.9894	ppb	0.2236	0.3	1835.39
Zn 206.200	-0.1959	ppb	0.4470	228.2	0.6105

680-87424-b-1-dPDS (Samp) **2/19/2013, 4:55:49 AM** **Rack 3, Tube 32**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	49.0899	ppb	0.8751	1.8	1268.51
Al 308.215	2218.26	ppb	6.9554	0.3	7928.07
As 188.980	2043.84	ppb	11.9177	0.6	635.221
B 249.678	956.924	ppb	2.3577	0.2	7140.52
Ba 389.178	2070.96	ppb	5.2968	0.3	28273.3
Be 313.042	49.6030	ppb	0.1455	0.3	66321.4
Ca 370.602	163957	ppb	86.57	0.1	521150
Cd 226.502	49.1707	ppb	0.4777	1.0	965.950
Co 228.615	494.455	ppb	3.0064	0.6	3515.46
Cr 267.716	200.561	ppb	0.8439	0.4	2752.23
Cu 324.754	239.021	ppb	0.6039	0.3	6042.84
Fe 271.441	1033.22	ppb	0.9384	0.1	630.853
K 766.491	28877.7	ppb	39.6421	0.1	3217722
Mg 279.078	10860.0	ppb	33.6606	0.3	10497.7
Mn 257.610	523.836	ppb	1.2565	0.2	43624.6
Mo 202.032	671.289	ppb	1.8471	0.3	1856.33
Na 330.237	20153.2	ppb	130.967	0.6	1130.96
Ni 231.604	517.923	ppb	3.5624	0.7	1236.89
Pb 220.353	491.934	ppb	6.3361	1.3	354.837

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	512.842	ppb	7.6644	1.5	266.978
Se 196.026	1970.67	ppb	8.3274	0.4	476.948
Sn 189.925	1006.77	ppb	10.8488	1.1	496.324
Sr 216.596	1192.30	ppb	2.3535	0.2	5964.31
Ti 334.941	1013.58	ppb	2.5888	0.3	167566
Tl 190.794	2059.98	ppb	7.4565	0.4	821.489
V 292.401	909.555	ppb	2.2831	0.3	20556.1
Zn 206.200	510.332	ppb	1.4621	0.3	1242.60

680-87424-b-1-e ms (Samp) **2/19/2013, 5:02:00 AM** **Rack 3, Tube 33**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	49.7740	ppb	0.3841	0.8	1287.86
Al 308.215	4922.41	ppb	21.2040	0.4	17080.7
As 188.980	91.5257	ppb	5.9874	6.5	27.4259
B 249.678	203.974	ppb	1.3119	0.6	1572.54
Ba 389.178	117.616	ppb	0.1520	0.1	1595.52
Be 313.042	47.4625	ppb	0.1556	0.3	63293.9
Ca 370.602	161492	ppb	1006	0.6	512653
Cd 226.502	46.4448	ppb	0.2818	0.6	920.747
Co 228.615	47.2269	ppb	0.9748	2.1	323.492
Cr 267.716	95.5935	ppb	0.3833	0.4	1312.57
Cu 324.754	91.3643	ppb	0.8881	1.0	2155.69
Fe 271.441	4584.64	ppb	21.1911	0.5	2739.71
K 766.491	28353.9	ppb	85.6800	0.3	3159844
Mg 279.078	10444.7	ppb	28.5937	0.3	10086.9
Mn 257.610	495.771	ppb	1.8026	0.4	41282.0
Mo 202.032	222.759	ppb	1.0953	0.5	616.543
Na 330.237	19608.4	ppb	127.354	0.6	1104.27
Ni 231.604	104.114	ppb	1.1084	1.1	249.352
Pb 220.353	46.3774	ppb	3.6749	7.9	35.0510
Sb 206.834	50.0847	ppb	5.9115	11.8	28.3109
Se 196.026	99.2395	ppb	7.2361	7.3	24.9168
Sn 189.925	94.7461	ppb	4.4975	4.7	46.0103
Sr 216.596	749.664	ppb	1.2568	0.2	3760.77
Ti 334.941	97.2755	ppb	0.3421	0.4	16166.0
Tl 190.794	32.9564	ppb	3.8423	11.7	10.7517
V 292.401	478.932	ppb	1.3086	0.3	10844.4
Zn 206.200	97.1183	ppb	0.7643	0.8	237.456

680-87424-b-1-f msd (Samp) **2/19/2013, 5:08:10 AM** **Rack 3, Tube 34**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.4770	ppb	0.1277	0.2	1332.93
Al 308.215	5265.72	ppb	69.9355	1.3	18249.4
As 188.980	96.5791	ppb	2.1560	2.2	28.9924
B 249.678	211.368	ppb	2.8808	1.4	1626.55
Ba 389.178	123.411	ppb	1.1417	0.9	1676.04
Be 313.042	50.4229	ppb	0.6493	1.3	67240.5
Ca 370.602	169253	ppb	2190	1.3	537284
Cd 226.502	49.2015	ppb	0.1038	0.2	974.662

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	50.6322	ppb	0.1600	0.3	347.652
Cr 267.716	101.900	ppb	1.4914	1.5	1398.80
Cu 324.754	97.7377	ppb	1.1917	1.2	2308.47
Fe 271.441	4883.72	ppb	62.2865	1.3	2919.34
K 766.491	29777.2	ppb	337.662	1.1	3318352
Mg 279.078	11094.8	ppb	149.104	1.3	10713.3
Mn 257.610	526.410	ppb	6.7970	1.3	43832.9
Mo 202.032	236.047	ppb	3.5182	1.5	653.211
Na 330.237	20638.6	ppb	328.922	1.6	1162.14
Ni 231.604	110.605	ppb	1.0188	0.9	264.870
Pb 220.353	47.6262	ppb	2.2933	4.8	35.8910
Sb 206.834	53.6191	ppb	3.3020	6.2	30.2191
Se 196.026	108.114	ppb	8.0492	7.4	27.0628
Sn 189.925	95.4663	ppb	6.3510	6.7	46.3441
Sr 216.596	797.077	ppb	9.8132	1.2	3998.94
Ti 334.941	103.695	ppb	1.3356	1.3	17233.5
Tl 190.794	38.2302	ppb	2.2001	5.8	12.8025
V 292.401	508.280	ppb	5.8161	1.1	11509.1
Zn 206.200	101.896	ppb	2.2116	2.2	249.085

680-87424-b-2-b (Samp) **2/19/2013, 5:14:21 AM** **Rack 3, Tube 35**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4179b	ppb	0.2745	65.7	-38.9137
Al 308.215	0.7483b	ppb	0.9604	128.4	341.201
As 188.980	-13.3350b	ppb	8.2189	61.6	-5.0454
B 249.678	23.8137b	ppb	0.7528	3.2	248.762
Ba 389.178	29.1062b	ppb	1.4870	5.1	373.169
Be 313.042	-0.1084b	ppb	0.0028	2.6	-61.4247
Ca 370.602	252622b	ppb	3646	1.4	803096
Cd 226.502	0.0369b	ppb	0.0799	216.6	13.4126
Co 228.615	0.7586b	ppb	0.1961	25.8	-12.3815
Cr 267.716	-0.8303b	ppb	0.3933	47.4	-5.7608
Cu 324.754	0.9924b	ppb	0.1938	19.5	-406.938
Fe 271.441	49.4034b	ppb	2.4763	5.0	16.6756
K 766.491	-xb	ppb	820.310	1.1	8339959
Mg 279.078	4390.79b	ppb	71.4418	1.6	4259.74
Mn 257.610	0.0080b	ppb	0.0115	143.6	8.5771
Mo 202.032	477.761b	ppb	7.8393	1.6	1322.54
Na 330.237	50661.2b	ppb	479.877	0.9	2854.06
Ni 231.604	17.8642b	ppb	0.6115	3.4	43.1744
Pb 220.353	-3.9389b	ppb	0.2494	6.3	-0.8053
Sb 206.834	-2.1313b	ppb	9.9853	468.5	0.8459
Se 196.026	23.0217b	ppb	12.6046	54.8	6.4657
Sn 189.925	0.0390b	ppb	3.0107	7715.2	-1.0207
Sr 216.596	1283.41b	ppb	19.4868	1.5	6443.10
Ti 334.941	-0.5782b	ppb	0.0921	15.9	67.1272
Tl 190.794	-5.9690b	ppb	0.3966	6.6	-5.9452
V 292.401	117.076b	ppb	1.7192	1.5	2573.93
Zn 206.200	-0.2902b	ppb	0.5477	188.7	0.4656

680-87353-e-1-b (Samp) **2/19/2013, 5:20:31 AM** **Rack 3, Tube 36**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0256	ppb	0.3216	1255.5	-29.3675
Al 308.215	161.854	ppb	0.4027	0.2	869.957
As 188.980	-1.0476	ppb	3.4500	329.3	-1.2895
B 249.678	21.2228	ppb	0.5910	2.8	232.677
Ba 389.178	13.3176	ppb	0.0671	0.5	149.524
Be 313.042	-0.0663	ppb	0.0032	4.8	-79.0885
Ca 370.602	5599	ppb	39.60	0.7	17700
Cd 226.502	5.3791	ppb	0.2161	4.0	117.104
Co 228.615	0.4788	ppb	0.0836	17.5	-7.7996
Cr 267.716	0.9625	ppb	0.2533	26.3	18.9841
Cu 324.754	2.6871	ppb	0.2773	10.3	125.499
Fe 271.441	97.4760	ppb	7.2371	7.4	44.2242
K 766.491	996.814	ppb	4.4730	0.4	113224
Mg 279.078	302.334	ppb	3.4514	1.1	314.587
Mn 257.610	27.8376	ppb	0.2368	0.9	2322.19
Mo 202.032	1.9845	ppb	0.4151	20.9	7.2938
Na 330.237	2937.38	ppb	34.1434	1.2	167.861
Ni 231.604	1.2127	ppb	1.0152	83.7	3.3994
Pb 220.353	-0.7614	ppb	2.9392	386.0	2.0260
Sb 206.834	1.9457	ppb	3.5930	184.7	2.0325
Se 196.026	-6.7759	ppb	2.1770	32.1	-0.7277
Sn 189.925	2.1020	ppb	1.7126	81.5	0.7293
Sr 216.596	16.6700	ppb	0.6703	4.0	77.5120
Ti 334.941	1.3885	ppb	0.0589	4.2	186.827
Tl 190.794	-1.0396	ppb	1.0284	98.9	-1.6890
V 292.401	1.1244	ppb	0.2620	23.3	23.2705
Zn 206.200	103.034	ppb	1.5950	1.5	251.794

Cont Calib Verif (CCV) **2/19/2013, 5:26:41 AM** **Rack 3, Tube 37**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	474.582	ppb	3.0716	0.6	12514.5	94.91638
Al 308.215	4826.50	ppb	30.7108	0.6	17037.4	96.52990
As 188.980	463.558	ppb	0.1793	0.0	143.888	92.71160
B 249.678	2285.72	ppb	13.4189	0.6	16940.7	91.42899
Ba 389.178	5066.72	ppb	37.9196	0.7	69201.1	101.33437
Be 313.042	489.366	ppb	2.6038	0.5	652380	97.87324
Ca 370.602	5089	ppb	25.26	0.5	15550	101.78445
Cd 226.502	484.596	ppb	2.7630	0.6	9394.17	96.91919
Co 228.615	486.408	ppb	2.6517	0.5	3456.39	97.28150
Cr 267.716	4913.45	ppb	32.0332	0.7	67368.1	98.26901
Cu 324.754	4572.84	ppb	49.7206	1.1	120754	91.45672
Fe 271.441	4768.80	ppb	28.3327	0.6	2894.55	95.37608
K 766.491	9716.54	ppb	38.9651	0.4	1083115	97.16539
Mg 279.078	5085.32	ppb	24.8307	0.5	4908.31	101.70637
Mn 257.610	5157.93	ppb	27.9255	0.5	429360	103.15862
Mo 202.032	536.209	ppb	4.8814	0.9	1476.27	107.24178
Na 330.237	7124.82	ppb	132.763	1.9	402.426	94.99761
Ni 231.604	2531.82	ppb	16.1437	0.6	6042.27	101.27286
Pb 220.353	484.547	ppb	4.3267	0.9	345.845	96.90930

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Sb 206.834	469.779	ppb	7.3024	1.6	272.546	93.95588
Se 196.026	4599.81	ppb	10.9313	0.2	1112.69	91.99615
Sn 189.925	4889.63	ppb	39.5290	0.8	2413.13	97.79263
Sr 216.596	2483.13	ppb	14.5990	0.6	12381.6	99.32538
Ti 334.941	506.989	ppb	2.6916	0.5	83964.2	101.39772
Tl 190.794	4984.22	ppb	21.1116	0.4	1993.91	99.68432
V 292.401	5101.86	ppb	28.4569	0.6	115664	102.03724
Zn 206.200	2575.34	ppb	14.2625	0.6	6253.00	103.01340

Cont Calib Blank (CCB) **2/19/2013, 5:32:52 AM** **Rack 3, Tube 38**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)	QC Value
Ag 328.068	-0.1588	ppb	0.6418	404.2	-32.9693	-0.15878
Al 308.215	-11.8898	ppb	2.0631	17.4	279.428	-11.88984
As 188.980	-1.5804	ppb	5.0964	322.5	-1.4527	-1.58043
B 249.678	7.1152	ppb	0.7751	10.9	128.713	7.11517
Ba 389.178	1.1809	ppb	0.9780	82.8	-16.7686	1.18094
Be 313.042	-0.0754	ppb	0.0036	4.8	-92.4799	-0.07539
Ca 370.602	2.812	ppb	0.8752	31.1	-80.92	2.81218
Cd 226.502	-0.1320	ppb	0.1200	91.0	10.3604	-0.13196
Co 228.615	-0.4876	ppb	0.3987	81.8	-14.6694	-0.48759
Cr 267.716	0.5290	ppb	0.2624	49.6	13.0468	0.52901
Cu 324.754	-0.3074	ppb	0.2936	95.5	57.4580	-0.30742
Fe 271.441	3.3027	ppb	5.7772	174.9	-12.2714	3.30271
K 766.491	-0.4517	ppb	0.1697	37.6	2165.13	-0.45166
Mg 279.078	-1.8380	ppb	0.7371	40.1	21.3840	-1.83795
Mn 257.610	0.1167	ppb	0.0291	25.0	14.4824	0.11672
Mo 202.032	0.1949	ppb	0.7299	374.6	2.3538	0.19485
Na 330.237	8.5615	ppb	82.3895	962.3	2.8921	8.56147
Ni 231.604	0.0207	ppb	0.5889	2841.8	0.5442	0.02072
Pb 220.353	-2.2194	ppb	1.7986	81.0	0.9993	-2.21939
Sb 206.834	-0.6454	ppb	3.2479	503.2	0.6404	-0.64542
Se 196.026	6.9157	ppb	4.0520	58.6	2.5753	6.91568
Sn 189.925	-2.3375	ppb	3.6699	157.0	-1.4460	-2.33753
Sr 216.596	0.4679	ppb	0.1897	40.5	-4.0436	0.46792
Ti 334.941	0.0575	ppb	0.0907	157.7	-37.6735	0.05752
Tl 190.794	1.9639	ppb	2.3746	120.9	-0.4397	1.96390
V 292.401	0.3851	ppb	0.2560	66.5	6.9274	0.38510
Zn 206.200	0.0460	ppb	0.2670	580.9	1.1696	0.04596

680-87353-e-2-b (Samp) **2/19/2013, 5:39:02 AM** **Rack 3, Tube 39**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.2264	ppb	0.8655	382.2	-22.6335
Al 308.215	-6.6565	ppb	2.6654	40.0	297.220
As 188.980	0.5857	ppb	5.7103	974.9	-0.7787
B 249.678	19.8276	ppb	0.1614	0.8	222.543
Ba 389.178	13.8188	ppb	0.2778	2.0	156.121
Be 313.042	-0.0848	ppb	0.0100	11.8	-103.805
Ca 370.602	6059	ppb	84.13	1.4	19175
Cd 226.502	5.5137	ppb	0.3449	6.3	119.530

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Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	0.2832	ppb	0.2540	89.7	-9.1790
Cr 267.716	1.0616	ppb	0.2779	26.2	20.3987
Cu 324.754	2.7008	ppb	0.3701	13.7	124.924
Fe 271.441	21.4959	ppb	3.8876	18.1	-1.3340
K 766.491	1284.90	ppb	15.6295	1.2	145307
Mg 279.078	194.878	ppb	6.8843	3.5	211.116
Mn 257.610	43.9765	ppb	0.6679	1.5	3665.48
Mo 202.032	-0.3879	ppb	0.2740	70.6	0.7422
Na 330.237	3562.79	ppb	184.224	5.2	203.885
Ni 231.604	1.3347	ppb	1.2125	90.8	3.6839
Pb 220.353	-4.1530	ppb	2.1359	51.4	-0.3910
Sb 206.834	0.8018	ppb	2.6160	326.3	1.4383
Se 196.026	-4.3377	ppb	6.6552	153.4	-0.1354
Sn 189.925	1.1784	ppb	3.0236	256.6	0.2719
Sr 216.596	21.1408	ppb	0.3719	1.8	99.9894
Ti 334.941	0.0526	ppb	0.0190	36.2	-33.5501
Tl 190.794	-0.3108	ppb	5.5868	1797.4	-1.3958
V 292.401	0.5647	ppb	0.3319	58.8	10.9108
Zn 206.200	668.702	ppb	8.2771	1.2	1628.31

680-87353-e-3-b (Samp) **2/19/2013, 5:45:13 AM** **Rack 3, Tube 40**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.1100	ppb	0.1940	176.3	-25.8237
Al 308.215	137.006	ppb	1.9935	1.5	785.481
As 188.980	1.4538	ppb	2.9801	205.0	-0.5098
B 249.678	2.5571	ppb	0.6314	24.7	95.0097
Ba 389.178	10.1110	ppb	0.3684	3.6	105.614
Be 313.042	-0.0799	ppb	0.0058	7.2	-97.5560
Ca 370.602	3072	ppb	5.813	0.2	9673
Cd 226.502	2.7609	ppb	0.1679	6.1	66.3779
Co 228.615	-0.3851	ppb	0.2652	68.9	-13.9412
Cr 267.716	0.4347	ppb	0.4486	103.2	11.7491
Cu 324.754	0.7806	ppb	0.3414	43.7	80.1348
Fe 271.441	55.8386	ppb	2.0946	3.8	19.2340
K 766.491	656.978	ppb	0.5351	0.1	75378.3
Mg 279.078	261.346	ppb	2.4004	0.9	275.199
Mn 257.610	13.2499	ppb	0.0981	0.7	1107.85
Mo 202.032	1.0847	ppb	0.7307	67.4	4.8109
Na 330.237	1426.52	ppb	89.0038	6.2	82.7494
Ni 231.604	0.8904	ppb	0.5557	62.4	2.6270
Pb 220.353	0.2491	ppb	1.4875	597.1	2.7573
Sb 206.834	1.1672	ppb	4.6342	397.0	1.6036
Se 196.026	-1.7216	ppb	3.7216	216.2	0.4910
Sn 189.925	-2.1350	ppb	0.9151	42.9	-1.3548
Sr 216.596	8.9675	ppb	0.2428	2.7	38.7405
Ti 334.941	0.7645	ppb	0.0522	6.8	81.6397
Tl 190.794	-0.8782	ppb	2.2458	255.7	-1.6020
V 292.401	1.0697	ppb	0.1130	10.6	22.3331
Zn 206.200	41.3763	ppb	0.7986	1.9	101.753

680-87353-e-4-b (Samp) **2/19/2013, 5:51:23 AM** **Rack 3, Tube 41**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0089	ppb	0.5503	6198.1	-28.4591
Al 308.215	186.380	ppb	0.6136	0.3	953.269
As 188.980	-0.1942	ppb	3.4962	1800.3	-1.0242
B 249.678	22.2267	ppb	0.6810	3.1	240.083
Ba 389.178	13.6615	ppb	0.5412	4.0	154.218
Be 313.042	-0.0778	ppb	0.0054	7.0	-94.2861
Ca 370.602	5628	ppb	15.22	0.3	17790
Cd 226.502	8.5373	ppb	0.1047	1.2	178.193
Co 228.615	-0.0247	ppb	0.1845	748.4	-11.3574
Cr 267.716	0.9491	ppb	0.2902	30.6	18.7901
Cu 324.754	2.3379	ppb	0.2826	12.1	116.207
Fe 271.441	103.840	ppb	2.3670	2.3	48.0342
K 766.491	995.113	ppb	2.0858	0.2	113034
Mg 279.078	302.382	ppb	1.5255	0.5	314.613
Mn 257.610	28.6161	ppb	0.1065	0.4	2387.00
Mo 202.032	1.8048	ppb	0.2729	15.1	6.7965
Na 330.237	2850.44	ppb	36.3784	1.3	162.961
Ni 231.604	-0.2573	ppb	1.0556	410.3	-0.1071
Pb 220.353	-1.6699	ppb	2.1165	126.7	1.3727
Sb 206.834	1.1911	ppb	3.5559	298.6	1.6391
Se 196.026	4.9784	ppb	5.0065	100.6	2.1114
Sn 189.925	-1.3604	ppb	1.6685	122.6	-0.9796
Sr 216.596	16.5022	ppb	0.3844	2.3	76.7411
Ti 334.941	2.1478	ppb	0.0292	1.4	312.308
Tl 190.794	-1.2925	ppb	4.0084	310.1	-1.7890
V 292.401	1.2318	ppb	0.2704	22.0	26.0216
Zn 206.200	103.228	ppb	0.7173	0.7	252.266

680-87245-c-1-e (Samp) **2/19/2013, 5:57:34 AM** **Rack 3, Tube 42**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0885	ppb	0.2452	277.1	-26.3669
Al 308.215	1770.05	ppb	17.5936	1.0	6337.48
As 188.980	-4.2084	ppb	6.9790	165.8	-2.2927
B 249.678	47.4262	ppb	0.7563	1.6	424.221
Ba 389.178	20.0238	ppb	1.0803	5.4	279.577
Be 313.042	-0.0781	ppb	0.0055	7.1	-90.8990
Ca 370.602	61819	ppb	661.9	1.1	196341
Cd 226.502	0.2816	ppb	0.0391	13.9	20.0720
Co 228.615	0.6940	ppb	0.4913	70.8	-7.5928
Cr 267.716	0.6783	ppb	0.1463	21.6	14.9194
Cu 324.754	20.8052	ppb	0.4255	2.0	495.009
Fe 271.441	789.461	ppb	5.8867	0.7	459.171
K 766.491	2491.13	ppb	23.2521	0.9	279637
Mg 279.078	25803.3	ppb	277.239	1.1	24917.2
Mn 257.610	44.8399	ppb	0.5219	1.2	3750.29
Mo 202.032	98.2461	ppb	0.3755	0.4	273.384
Na 330.237	13552.8	ppb	193.054	1.4	765.063
Ni 231.604	59.6646	ppb	2.5650	4.3	143.611
Pb 220.353	-0.0020	ppb	3.2048	162038.0	2.2939

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Sb 206.834	0.5084	ppb	5.7417	1129.5	1.5566
Se 196.026	12.3006	ppb	7.9810	64.9	3.8771
Sn 189.925	2.7867	ppb	2.7420	98.4	0.9006
Sr 216.596	88.3083	ppb	1.1598	1.3	436.490
Ti 334.941	0.0251	ppb	0.0549	218.6	8.8481
Tl 190.794	-2.7390	ppb	5.1754	189.0	-2.9488
V 292.401	0.6108	ppb	0.0037	0.6	-5.4844
Zn 206.200	4.8787	ppb	0.2866	5.9	13.6060

CRI (Samp) **2/19/2013, 6:03:44 AM** **Rack 3, Tube 43**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	9.7410	ppb	0.2114	2.2	228.672
Al 308.215	180.358	ppb	0.1446	0.1	933.613
As 188.980	20.9716	ppb	5.0306	24.0	5.5619
B 249.678	86.5402	ppb	0.5631	0.7	714.892
Ba 389.178	11.3800	ppb	0.3072	2.7	123.415
Be 313.042	3.8822	ppb	0.0120	0.3	5167.03
Ca 370.602	507.9	ppb	1.937	0.4	1519
Cd 226.502	5.0502	ppb	0.1878	3.7	110.672
Co 228.615	9.8545	ppb	0.0874	0.9	58.9852
Cr 267.716	9.9957	ppb	0.4084	4.1	142.823
Cu 324.754	18.3545	ppb	0.3004	1.6	549.368
Fe 271.441	49.9202	ppb	3.7466	7.5	16.1312
K 766.491	1014.42	ppb	0.7873	0.1	115185
Mg 279.078	524.014	ppb	3.5314	0.7	528.611
Mn 257.610	10.5286	ppb	0.0245	0.2	881.533
Mo 202.032	9.5600	ppb	0.3954	4.1	28.2285
Na 330.237	1041.91	ppb	143.519	13.8	61.0133
Ni 231.604	40.7131	ppb	0.6291	1.5	97.6302
Pb 220.353	9.3195	ppb	3.3673	36.1	9.2509
Sb 206.834	18.3610	ppb	2.6535	14.5	10.5412
Se 196.026	18.9192	ppb	8.0524	42.6	5.4758
Sn 189.925	48.3085	ppb	2.7394	5.7	23.5516
Sr 216.596	9.8597	ppb	0.6351	6.4	41.7689
Ti 334.941	10.1593	ppb	0.0464	0.5	1632.21
Tl 190.794	20.2099	ppb	4.0447	20.0	6.8593
V 292.401	10.6977	ppb	0.1149	1.1	239.181
Zn 206.200	22.5505	ppb	0.3267	1.4	55.9179

CCV (Samp) **2/19/2013, 6:09:55 AM** **Rack 3, Tube 44**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	467.147	ppb	5.1695	1.1	12318.0
Al 308.215	4741.90	ppb	69.9779	1.5	16745.9
As 188.980	441.466	ppb	13.3085	3.0	137.004
B 249.678	2242.01	ppb	31.2146	1.4	16618.2
Ba 389.178	4987.88	ppb	56.1536	1.1	68123.9
Be 313.042	481.626	ppb	6.3531	1.3	642070
Ca 370.602	5011	ppb	63.18	1.3	15310
Cd 226.502	477.374	ppb	6.4199	1.3	9254.37

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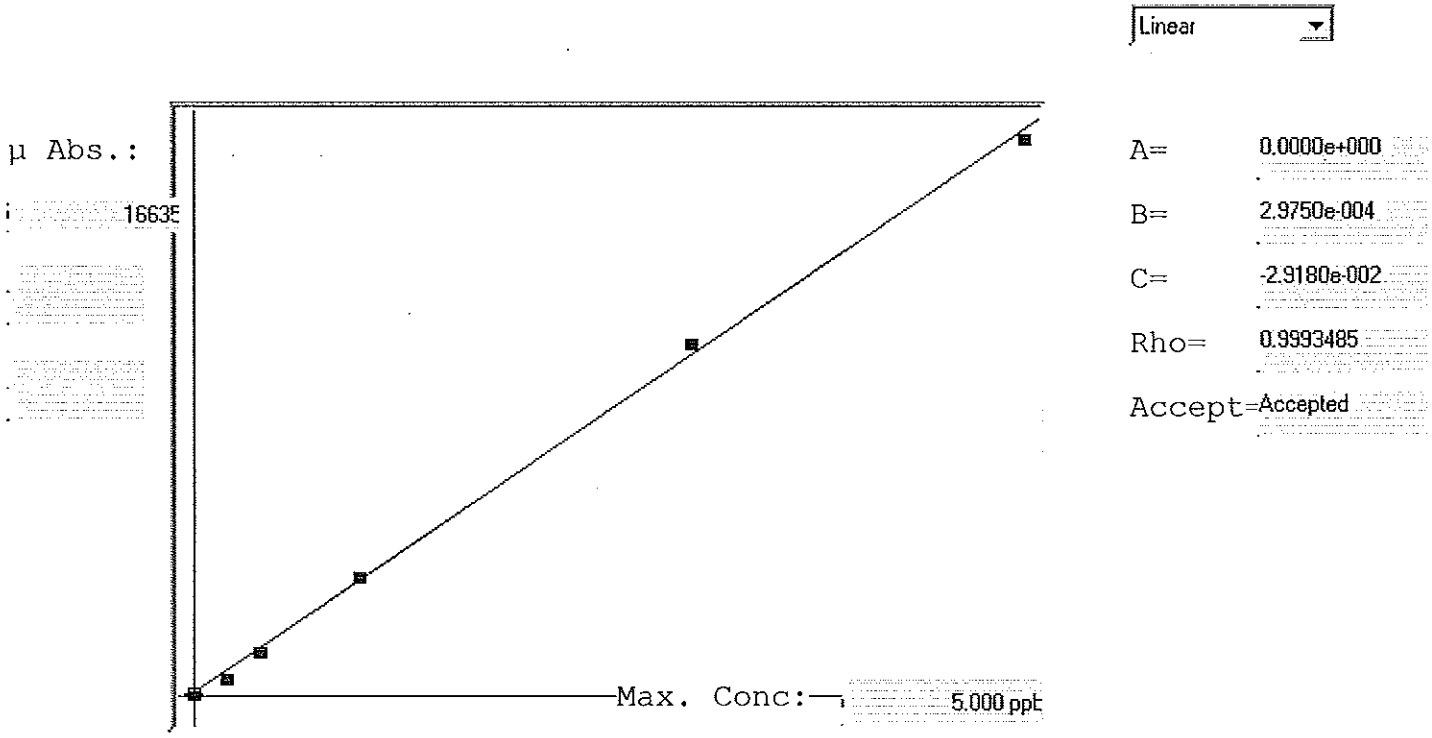
Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Co 228.615	478.563	ppb	6.9608	1.5	3400.46
Cr 267.716	4839.57	ppb	69.8313	1.4	66355.2
Cu 324.754	4493.09	ppb	65.0554	1.4	118649
Fe 271.441	4685.97	ppb	65.2387	1.4	2844.24
K 766.491	9564.12	ppb	108.968	1.1	1066158
Mg 279.078	5024.29	ppb	66.0995	1.3	4849.73
Mn 257.610	5081.90	ppb	68.5043	1.3	423031
Mo 202.032	532.178	ppb	6.6739	1.3	1465.22
Na 330.237	7075.56	ppb	47.4546	0.7	399.675
Ni 231.604	2497.84	ppb	32.8593	1.3	5961.16
Pb 220.353	476.929	ppb	11.6274	2.4	340.442
Sb 206.834	469.794	ppb	12.5325	2.7	272.125
Se 196.026	4518.16	ppb	69.1226	1.5	1092.96
Sn 189.925	4838.55	ppb	69.8461	1.4	2387.92
Sr 216.596	2452.20	ppb	35.2615	1.4	12227.4
Ti 334.941	500.075	ppb	6.5753	1.3	82818.5
Tl 190.794	4902.36	ppb	52.6249	1.1	1961.16
V 292.401	5038.43	ppb	69.5399	1.4	114227
Zn 206.200	2546.41	ppb	30.6877	1.2	6182.82

CCB (Samp) **2/19/2013, 6:16:05 AM** **Rack 3, Tube 45**

Weight: 1 **Volume: 1** **Dilution: 1**

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4331	ppb	0.5722	132.1	-40.2162
Al 308.215	-11.6177	ppb	0.7078	6.1	280.365
As 188.980	8.6993	ppb	2.7542	31.7	1.7471
B 249.678	7.0073	ppb	1.7509	25.0	127.934
Ba 389.178	0.4053	ppb	0.5801	143.1	-27.3729
Be 313.042	-0.0795	ppb	0.0121	15.2	-97.8501
Ca 370.602	2.279	ppb	2.674	117.3	-81.57
Cd 226.502	-0.1022	ppb	0.1909	186.8	10.9221
Co 228.615	-0.2358	ppb	0.4036	171.2	-12.8774
Cr 267.716	0.1718	ppb	0.4809	280.0	8.1489
Cu 324.754	-0.3515	ppb	0.2894	82.3	56.2893
Fe 271.441	7.5558	ppb	2.6247	34.7	-9.7092
K 766.491	-1.0907	ppb	0.2570	23.6	2094.16
Mg 279.078	-6.0304	ppb	1.4027	23.3	17.3579
Mn 257.610	0.0740	ppb	0.0583	78.8	10.9221
Mo 202.032	0.1699	ppb	1.2196	717.7	2.2853
Na 330.237	23.5035	ppb	118.833	505.6	3.7361
Ni 231.604	-0.3080	ppb	1.3869	450.2	-0.2400
Pb 220.353	-1.9520	ppb	2.0187	103.4	1.1916
Sb 206.834	-1.3630	ppb	1.5565	114.2	0.2604
Se 196.026	2.1420	ppb	3.2257	150.6	1.4224
Sn 189.925	-1.3465	ppb	3.8821	288.3	-0.9569
Sr 216.596	-0.1319	ppb	0.2247	170.4	-7.0502
Ti 334.941	0.0442	ppb	0.1137	257.0	-39.8821
Tl 190.794	2.3827	ppb	2.5822	108.4	-0.2717
V 292.401	0.6204	ppb	0.2242	36.1	12.2856
Zn 206.200	0.5620	ppb	0.9351	166.4	2.4260

Hg Norm2



Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
blank	0.000	-0.001	-0.001	94	1.247	96	95	93		
0.2	0.200	0.142	-0.058	575	1.6 %	564	576	586		
0.4	0.400	0.380	-0.020	1374	0.9 %	1358	1376	1389		
1.0	1.000	1.042	0.042	3600	0.9 %	3562	3601	3637		
3.0	3.000	3.118	0.118	10578	0.5 %	10652	10542	10540		
5.0	5.000	4.920	-0.080	16635	1.0 %	16422	16655	16828		

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Method: Hg Norm2 Operator: Admin Date of Analysis: 20 Feb 2013 13:48:31

Sample ID	Extended ID	Mean	RSD	Date
blank		95	1.3175	20 Feb 2013 13:55:38
0.2		575	1.5632	20 Feb 2013 13:58:03
0.4		1374	0.9248	20 Feb 2013 14:00:31
1.0		3600	0.8507	20 Feb 2013 14:02:59
3.0		10578	0.4947	20 Feb 2013 14:05:27
5.0		16635	1.0000	20 Feb 2013 14:07:52
ICV		2.8885	0.1866	20 Feb 2013 14:10:19
ICB		-0.0086	-36.0737	20 Feb 2013 14:12:44
CRA		0.1450	2.1612	20 Feb 2013 14:15:09
CCV		(L)1.6356	1.6072	20 Feb 2013 14:17:37
CCB		-0.0145	-4.2151	20 Feb 2013 14:20:03
CCV		2.1619	1.6587	20 Feb 2013 14:23:12
CCB		-0.0137	-5.3154	20 Feb 2013 14:25:38
MB	BCB 7470L 266568	0.0046	21.8128	20 Feb 2013 14:28:03
LB	BCB 7470L 266568	-0.0004	-272.5314	20 Feb 2013 14:30:29
LCS	BCB 7470L 266568	2.3360	0.9255	20 Feb 2013 14:32:55
87388-1	BCB 7470L 266568	0.0047	10.2591	20 Feb 2013 14:35:21
87388-2	BCB 7470L 266568	0.0044	19.7347	20 Feb 2013 14:37:48
87478-4	BCB 7470L 266568	-0.0013	-53.3765	20 Feb 2013 14:40:14
87478-5	BCB 7470L 266568	-0.0009	-91.7573	20 Feb 2013 14:42:39
87358-1	BCB 7470L 266568	0.0042	3.3079	20 Feb 2013 14:45:05
87402-2	BCB 7470L 266568	0.0052	2.6808	20 Feb 2013 14:47:31
87402-1	BCB 7470L 266568	0.0149	0.9381	20 Feb 2013 14:49:59
CCV		2.2798	0.6301	20 Feb 2013 14:52:26
CCB		-0.0129	-4.3432	20 Feb 2013 14:54:52
87478-1	BCB 7470L 266568	0.0186	1.9929	20 Feb 2013 14:57:18
87478-2	BCB 7470L 266568	0.0047	22.3592	20 Feb 2013 14:59:47
87478-3	BCB 7470L 266568	0.0068	6.1709	20 Feb 2013 15:02:16
LB	BCB 7470L 266568	0.0070	12.1583	20 Feb 2013 15:04:44
87490-1	BCB 7470L 266568	0.0459	1.5280	20 Feb 2013 15:07:10
87490-1S	BCB 7470L 266568	0.4611	0.2296	20 Feb 2013 15:09:39
87490-1SD	BCB 7470L 266568	0.5227	1.3397	20 Feb 2013 15:12:07
MB	BCB 7470 266601	-0.0243	-2.0791	20 Feb 2013 15:14:33
LCS	BCB 7470 266601	2.2233	1.4969	20 Feb 2013 15:17:00
87528-2	BCB 7470 266601	-0.0217	-1.1172	20 Feb 2013 15:19:29
CCV		2.3422	0.6215	20 Feb 2013 15:21:57
CCB		-0.0062	-6.0109	20 Feb 2013 15:24:24
87528-2S	BCB 7470 266601	0.9125	1.0702	20 Feb 2013 15:26:51
87528-2SD	BCB 7470 266601	0.9309	0.8718	20 Feb 2013 15:29:19
MB	BCB 7470 266596	-0.0002	-226.8728	20 Feb 2013 15:31:46
LCS	BCB 7470 266596	2.3633	0.3495	20 Feb 2013 15:34:13
42342-3	BCB 7470 266596	0.0411	1.8043	20 Feb 2013 15:36:42
42342-3S	BCB 7470 266596	1.0227	0.1308	20 Feb 2013 15:39:11
42342-3SD	BCB 7470 266596	1.0896	0.5597	20 Feb 2013 15:41:37
42342-4	BCB 7470 266596	-0.0198	-2.5591	20 Feb 2013 15:44:04
42342-6	BCB 7470 266596	-0.0161	-1.5097	20 Feb 2013 15:46:30
42342-7	BCB 7470 266596	-0.0204	-2.4843	20 Feb 2013 15:48:57
CCV		2.6619	1.2119	20 Feb 2013 15:51:25
CCB		-0.0009	-26.4881	20 Feb 2013 15:53:53
42342-8	BCB 7470 266596	-0.0203	-5.9964	20 Feb 2013 15:56:19
42342-9	BCB 7470 266596	-0.0124	-2.9874	20 Feb 2013 15:58:46
42342-10	BCB 7470 266596	-0.0190	-3.2233	20 Feb 2013 16:01:14
42342-11	BCB 7470 266596	0.2697	1.5320	20 Feb 2013 16:03:41
42342-14	BCB 7470 266596	-0.0172	-4.0815	20 Feb 2013 16:06:07
42342-15	BCB 7470 266596	-0.0081	-3.0148	20 Feb 2013 16:08:34
42342-16	BCB 7470 266596	-0.0181	-2.0531	20 Feb 2013 16:11:02

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Method: Hg Norm2 Operator: Admin Date of Analysis: 20 Feb 2013 13:48:31

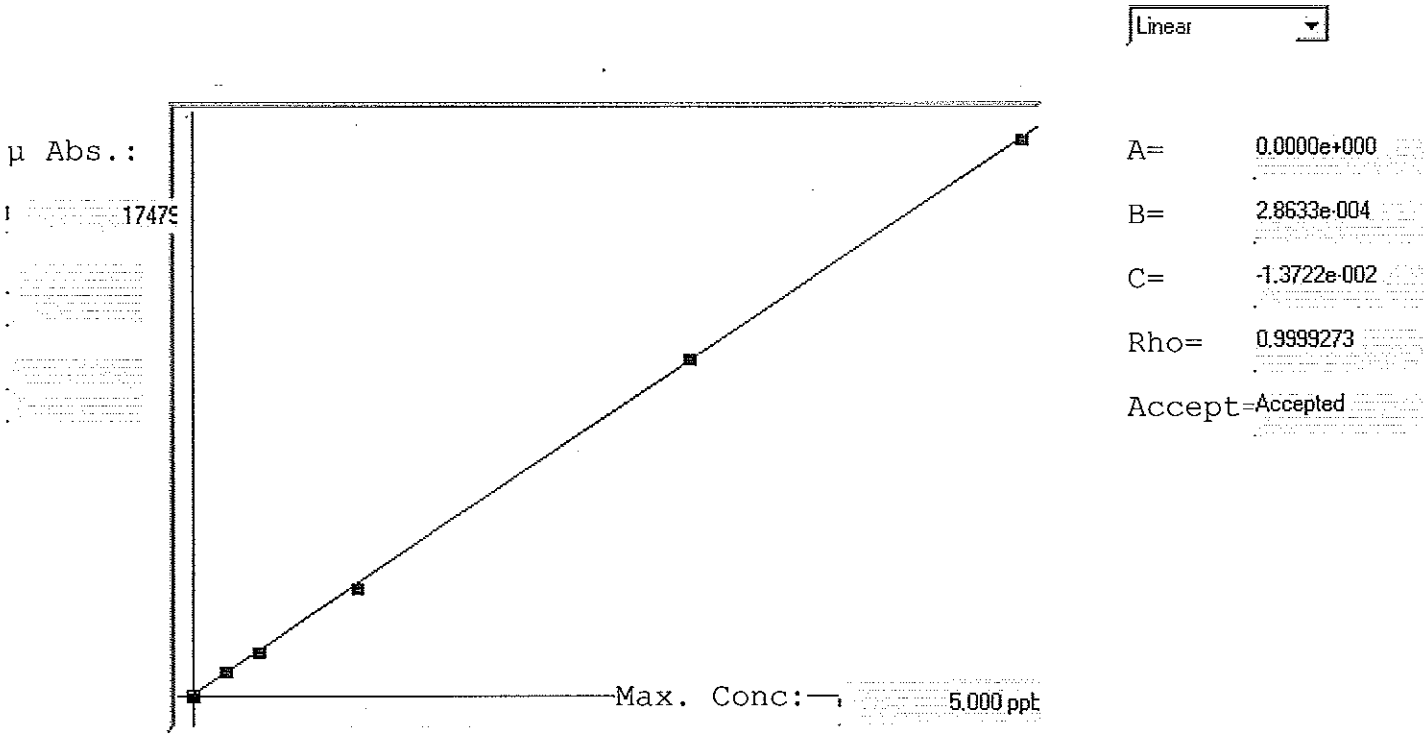
Sample ID	Extended ID	Mean	RSD	Date
87457-6	BCB 7470 266596	-0.0199	-1.8685	20 Feb 2013 16:13:29
87457-12	BCB 7470 266596	-0.0213	-2.3689	20 Feb 2013 16:15:57
87457-13	BCB 7470 266596	-0.0208	-3.0824	20 Feb 2013 16:18:24
CCV		2.2470	1.6156	20 Feb 2013 16:20:52
CCB		-0.0040	-7.0276	20 Feb 2013 16:23:20
87517-47	BCB 7470 266596	-0.0241	-2.0140	20 Feb 2013 16:25:48
87455-1	BCB 7470 266596	-0.0133	-2.1069	20 Feb 2013 16:28:16
87455-2	BCB 7470 266596	-0.0192	-2.6386	20 Feb 2013 16:30:46
87526-3	BCB 7470 266596	-0.0225	-7.0132	20 Feb 2013 16:33:13
87528-1	BCB 7470 266596	-0.0186	-2.7231	20 Feb 2013 16:35:39
87528-2	BCB 7470 266596	-0.0170	-1.4304	20 Feb 2013 16:38:07
MB	BCB 245 266572	0.0047	10.2591	20 Feb 2013 16:40:34
LCS	BCB 245 266572	2.5371	0.3017	20 Feb 2013 16:43:03
LLCS	BCB 245 266572	0.2115	0.6395	20 Feb 2013 16:45:33
87447-31	BCB 245 266572	0.0058	16.8495	20 Feb 2013 16:48:00
CCV		2.3555	0.5300	20 Feb 2013 16:50:28
CCB		-0.0096	-8.8458	20 Feb 2013 16:52:57
87447-31S	BCB 245 266572	0.8513	0.3440	20 Feb 2013 16:55:22
87447-31SD	BCB 245 266572	0.9371	0.7858	20 Feb 2013 16:57:49
87487-1	BCB 245 266572	0.1873	0.2995	20 Feb 2013 17:00:16
87387-1	BCB 245 266572	0.1117	1.3104	20 Feb 2013 17:02:44
MB	BCB 245 266577	-0.0006	-117.6221	20 Feb 2013 17:05:11
LCS	BCB 245 266577	2.3253	1.2048	20 Feb 2013 17:07:37
LLCS	BCB 245 266577	0.1506	0.7273	20 Feb 2013 17:10:05
87516-3	BCB 245 266577	-0.0005	-97.1700	20 Feb 2013 17:12:32
87516-3S	BCB 245 266577	0.8303	0.7757	20 Feb 2013 17:15:00
87516-3SD	BCB 245 266577	0.8124	0.3440	20 Feb 2013 17:17:28
CCV		2.3035	0.6097	20 Feb 2013 17:19:55
CCB		-0.0023	-12.1666	20 Feb 2013 17:22:24
87516-4	BCB 245 266577	0.0018	36.5061	20 Feb 2013 17:24:50
87516-5	BCB 245 266577	-0.0002	-125.8464	20 Feb 2013 17:27:19
87516-6	BCB 245 266577	0.0037	7.4920	20 Feb 2013 17:29:46
87516-7	BCB 245 266577	0.0035	11.8667	20 Feb 2013 17:32:15
87516-8	BCB 245 266577	0.0007	41.8873	20 Feb 2013 17:34:43
87516-9	BCB 245 266577	0.0016	49.9858	20 Feb 2013 17:37:09
87516-10	BCB 245 266577	0.0058	19.7027	20 Feb 2013 17:39:39
87516-11	BCB 245 266577	0.0065	3.7253	20 Feb 2013 17:42:07
87516-12	BCB 245 266577	0.0006	185.6084	20 Feb 2013 17:44:35
87516-13	BCB 245 266577	-0.0009	-115.4588	20 Feb 2013 17:47:04
CCV		2.2432	0.9101	20 Feb 2013 17:49:32
CCB		-0.0004	-133.1800	20 Feb 2013 17:52:01
87516-13S	BCB 245 266577	0.8912	1.4310	20 Feb 2013 17:54:28
87516-13SD	BCB 245 266577	0.9251	1.3810	20 Feb 2013 17:56:58
87516-14	BCB 245 266577	-0.0019	-7.3475	20 Feb 2013 17:59:26
87516-15	BCB 245 266577	-0.0008	-45.3670	20 Feb 2013 18:01:56
87516-16	BCB 245 266577	0.0026	30.5757	20 Feb 2013 18:04:24
87516-17	BCB 245 266577	0.0008	101.5677	20 Feb 2013 18:06:52
87516-18	BCB 245 266577	0.0037	3.7460	20 Feb 2013 18:09:22
87516-19	BCB 245 266577	0.0009	55.9725	20 Feb 2013 18:11:50
MB	BCB 7470 266599	-0.0152	-7.3247	20 Feb 2013 18:14:20
LCS	BCB 7470 266599	2.4351	0.6085	20 Feb 2013 18:16:48
CCV		2.4338	0.5754	20 Feb 2013 18:19:17
CCB		-0.0016	-37.9406	20 Feb 2013 18:21:46
87457-4	BCB 7470 266599	0.0455	0.5339	20 Feb 2013 18:24:13
87457-4S	BCB 7470 266599	0.8797	0.8728	20 Feb 2013 18:26:41
87457-4SD	BCB 7470 266599	0.8575	0.5164	20 Feb 2013 18:29:10

C02202013

Method: Hg Norm2 Operator: Admin Date of Analysis: 20 Feb 2013 13:48:31

Sample ID	Extended ID	Mean	RSD	Date
87457-3	BCB 7470 266599	0.0682	0.5440	20 Feb 2013 18:31:40
87488-1	BCB 7470 266599	4.4457	1.1810	20 Feb 2013 18:34:10
CCV		2.3262	1.3703	20 Feb 2013 18:36:38
CCB		0.0023	31.0782	20 Feb 2013 18:39:08

Hg Norm2



Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
blank	0.000	0.001	0.001	50	1.247	49	52	51		
0.2	0.200	0.228	0.028	845	0.6 %	839	845	851		
0.4	0.400	0.390	-0.010	1411	0.4 %	1405	1413	1417		
1.0	1.000	0.964	-0.036	3415	0.3 %	3430	3412	3404		
3.0	3.000	3.025	0.025	10613	0.2 %	10629	10622	10589		
5.0	5.000	4.991	-0.009	17479	0.4 %	17386	17507	17544		

C02172013

Method: Hg Norm2 Operator: Admin Date of Analysis: 17 Feb 2013 15:11:54

Sample ID	Extended ID	Mean	RSD	Date
blank		51	2.4616	17 Feb 2013 15:14:39
0.2		845	0.5798	17 Feb 2013 15:17:05
0.4		1412	0.3534	17 Feb 2013 15:19:31
1.0		3415	0.3184	17 Feb 2013 15:21:58
3.0		10613	0.1643	17 Feb 2013 15:24:25
5.0		17479	0.3860	17 Feb 2013 15:26:52
ICV		2.9863	0.4248	17 Feb 2013 15:29:17
ICB		-0.0055	-16.0522	17 Feb 2013 15:31:43
CRA		0.2244	0.4210	17 Feb 2013 15:34:07
CCV		2.6477	1.0929	17 Feb 2013 15:36:34
CCB		-0.0015	-54.5427	17 Feb 2013 15:39:02
MB	BCB 7471 266223	0.0005	258.0347	17 Feb 2013 15:41:26
LCS	BCB 7471 266223	2.6741	0.8224	17 Feb 2013 15:43:52
87410-37	BCB 7471 266223	0.5747	0.1220	17 Feb 2013 15:46:17
87410-37S	BCB 7471 266223	1.4557	0.3064	17 Feb 2013 15:48:41
87410-37SD	BCB 7471 266223	1.5074	0.3313	17 Feb 2013 15:51:07
87410-39	BCB 7471 266223	0.2264	0.2149	17 Feb 2013 15:53:32
87410-41	BCB 7471 266223	2.5424	0.4426	17 Feb 2013 15:55:58
87410-43	BCB 7471 266223	0.2039	0.5733	17 Feb 2013 15:58:23
MB	BCB 7471 266221	-0.0011	-41.6165	17 Feb 2013 16:00:48
LCS	BCB 7471 266221	2.8277	0.1377	17 Feb 2013 16:03:15
CCV		2.6918	0.6748	17 Feb 2013 16:05:42
CCB		-0.0006	-112.2841	17 Feb 2013 16:08:10
87410-1	BCB 7471 266221	0.2435	0.1467	17 Feb 2013 16:10:35
87410-3	BCB 7471 266221	0.0961	1.2480	17 Feb 2013 16:13:02
87410-5	BCB 7471 266221	0.2563	0.4561	17 Feb 2013 16:15:31
87410-5S	BCB 7471 266221	1.0836	0.2118	17 Feb 2013 16:17:57
87410-5SD	BCB 7471 266221	1.1252	0.2704	17 Feb 2013 16:20:23
87410-7	BCB 7471 266221	0.1114	0.5552	17 Feb 2013 16:22:49
87410-9	BCB 7471 266221	0.3519	0.8636	17 Feb 2013 16:25:14
87410-11	BCB 7471 266221	0.2128	0.8296	17 Feb 2013 16:27:39
87410-13	BCB 7471 266221	0.2231	0.2096	17 Feb 2013 16:30:05
87410-15	BCB 7471 266221	0.2179	0.4916	17 Feb 2013 16:32:31
CCV		2.6419	0.4666	17 Feb 2013 16:34:57
CCB		-0.0025	-61.8405	17 Feb 2013 16:37:25
87410-17	BCB 7471 266221	1.4170	0.1733	17 Feb 2013 16:39:51
87410-19	BCB 7471 266221	0.2632	0.4701	17 Feb 2013 16:42:18
87410-21	BCB 7471 266221	3.0753	0.7500	17 Feb 2013 16:44:45
87410-23	BCB 7471 266221	0.1967	0.1188	17 Feb 2013 16:47:11
87410-25	BCB 7471 266221	0.6482	0.6809	17 Feb 2013 16:49:38
87410-27	BCB 7471 266221	0.3685	0.3357	17 Feb 2013 16:52:03
87410-29	BCB 7471 266221	1.5342	0.5360	17 Feb 2013 16:54:29
87410-31	BCB 7471 266221	0.1926	0.3054	17 Feb 2013 16:56:57
87410-33	BCB 7471 266221	0.5222	1.0310	17 Feb 2013 16:59:23
87410-35	BCB 7471 266221	0.4226	0.5070	17 Feb 2013 17:01:49
CCV		2.6615	0.4558	17 Feb 2013 17:04:16
CCB		-0.0050	-2.6799	17 Feb 2013 17:06:42
MB	BCB 7471 266271	0.0445	1.2133	17 Feb 2013 17:09:09
LCS	BCB 7471 266271	2.6709	0.8360	17 Feb 2013 17:11:34
87447-2	BCB 7471 266271	2.3833	0.3446	17 Feb 2013 17:14:01
87447-2S	BCB 7471 266271	3.6747	0.6699	17 Feb 2013 17:16:27
87447-2SD	BCB 7471 266271	3.2174	0.6045	17 Feb 2013 17:18:55
87447-6	BCB 7471 266271	3.6758	0.5253	17 Feb 2013 17:21:25
87447-7	BCB 7471 266271	3.5901	0.2069	17 Feb 2013 17:23:52
87447-12	BCB 7471 266271	2.2356	0.2066	17 Feb 2013 17:26:18
87447-32	BCB 7471 266271	2.7361	0.6753	17 Feb 2013 17:28:48

C02172013

Method: Hg Norm2 Operator: Admin Date of Analysis: 17 Feb 2013 15:11:54

Sample ID	Extended ID	Mean	RSD	Date
87447-33	BCB 7471 266271	3.6434	0.7480	17 Feb 2013 17:31:09
CCV		2.6405	0.2779	17 Feb 2013 17:33:35
CCB		-0.0052	-9.3096	17 Feb 2013 17:36:01
87447-34	BCB 7471 266271	4.1512	0.6768	17 Feb 2013 17:38:28
87447-35	BCB 7471 266271	2.3357	0.0833	17 Feb 2013 17:40:54
87465-1	BCB 7471 266271	0.0986	1.4485	17 Feb 2013 17:43:19
CCV		2.6116	0.7996	17 Feb 2013 17:45:46
CCB		-0.0062	-19.0343	17 Feb 2013 17:48:11

METALS BATCH WORKSHEET

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Batch Number: 266411 Batch Start Date: 02/15/13 13:21 Batch Analyst: Moore, Ron A

Batch Method: 200.7 Batch End Date: 02/15/13 15:18

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	MS lcs1cpi 00036	MS_LCS2_wk 00141	
MB 680-266411/1		200.7, 200.7 Rev 4.4			50 mL	50 mL			
LCS 680-266411/2		200.7, 200.7 Rev 4.4			50 mL	50 mL	0.5 mL	0.5 mL	
680-87441-A-2 MS		200.7, 200.7 Rev 4.4	T	<2	50 mL	50 mL	0.5 mL	0.5 mL	
680-87441-A-2 MSD		200.7, 200.7 Rev 4.4	T	<2	50 mL	50 mL	0.5 mL	0.5 mL	
680-87447-C-31	021213-RB-Shovel	200.7, 200.7 Rev 4.4	T	<2	50 mL	50 mL			

Batch Notes	
Lot # of hydrochloric acid	13500
Lot # of Nitric Acid	L10022
Hood ID or number	FH10
Hot Block ID number	7
Oven, Bath or Block Temperature 1	95 Degrees C
Pipette ID	ME 8
ID number of the thermometer	MEPREP 13
Digestion Tube/Cup Lot #	1208059

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Batch Number: 266336 Batch Start Date: 02/15/13 08:39 Batch Analyst: Boyuk, Brian

Batch Method: 3050B Batch End Date: 02/15/13 11:05

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	MS Cal Stk 00019	MS lcs1cpi 00036	MS_LCS2_wk 00141
MB 680-266336/1		3050B, 6010C		CALC NOT SET TO RUN	1.01 g	100 mL			
680-87447-B-2	CV0971A-CS	3050B, 6010C	T	CALC NOT SET TO RUN	1.01 g	100 mL			
680-87447-B-2 MS	CV0971A-CS	3050B, 6010C	T	CALC NOT SET TO RUN	1.02 g	100 mL		1 mL	1 mL
680-87447-B-2 MSD	CV0971A-CS	3050B, 6010C	T	CALC NOT SET TO RUN	1.03 g	100 mL		1 mL	1 mL
680-87447-B-6	CV0971E-CS	3050B, 6010C	T	CALC NOT SET TO RUN	1.01 g	100 mL			
680-87447-B-7	CV0971F-CS	3050B, 6010C	T	CALC NOT SET TO RUN	1.19 g	100 mL			
680-87447-B-12	CV0971K-CS	3050B, 6010C	T	CALC NOT SET TO RUN	1.18 g	100 mL			
680-87447-A-32	CV0971A-CS (sieve)	3050B, 6010C	T	CALC NOT SET TO RUN	1.05 g	100 mL			
680-87447-A-33	CV0971E-CS (sieve)	3050B, 6010C	T	CALC NOT SET TO RUN	1.03 g	100 mL			
680-87447-A-34	CV0971F-CS (sieve)	3050B, 6010C	T	CALC NOT SET TO RUN	1.15 g	100 mL			
680-87447-A-35	CV0971K-CS (sieve)	3050B, 6010C	T	CALC NOT SET TO RUN	1.05 g	100 mL			
LCS 680-266336/24		3050B, 6010C		CALC NOT SET TO RUN	1.03 g	100 mL	2 mL		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Batch Number: 266336 Batch Start Date: 02/15/13 08:39 Batch Analyst: Boyuk, Brian

Batch Method: 3050B Batch End Date: 02/15/13 11:05

Batch Notes	
Analyst	UU
Balance ID	25
Blank Soil Lot Number	P-TEFONCH-00013 2958846
Hydrogen peroxide lot number	52223236
Lot # of hydrochloric acid	0000013500
Lot # of Nitric Acid	L08022
Hood ID or number	FH-8
Hot Block ID number	9
Nominal Amount Used	1.0 g
Oven, Bath or Block Temperature 1	95 Degrees C
Pipette ID	ME8
Perform Calculation (0=No, 1=Yes)	0
Temperature	95 Degrees C
Digestion Tube/Cup Lot #	j155393-263-100

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Batch Number: 266572 Batch Start Date: 02/18/13 11:02 Batch Analyst: Umbehr, Uli

Batch Method: 245.1 Batch End Date: 02/18/13 17:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	hg_icvint 00083	Hg_Int_Cal 00089	
MB 680-266572/1		245.1, 245.1			50 mL	50 mL			
LCS 680-266572/2		245.1, 245.1			50 mL	50 mL		0.25 mL	
680-87447-C-31	021213-RB-Shovel	245.1, 245.1	T	<2	50 mL	50 mL			
680-87447-C-31 MS	021213-RB-Shovel	245.1, 245.1	T	<2	50 mL	50 mL		0.1 mL	
680-87447-C-31 MSD	021213-RB-Shovel	245.1, 245.1	T	<2	50 mL	50 mL		0.1 mL	
CCV 680-266572/17		245.1, 245.1			50 mL	50 mL		0.25 mL	
CCB 680-266572/18		245.1, 245.1			50 mL	50 mL			
ICV 680-266572/20		245.1, 245.1			50 mL	50 mL	0.15 mL		
ICB 680-266572/21		245.1, 245.1			50 mL	50 mL			
CRA 680-266572/24		245.1, 245.1			50 mL	50 mL		0.02 mL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Batch Number: 266572 Batch Start Date: 02/18/13 11:02 Batch Analyst: Umbehr, Uli

Batch Method: 245.1 Batch End Date: 02/18/13 17:35

Batch Notes	
Hydroxylamine Sulfate Lot Number	2965828
Hydroxylamine Hydrochloride Lot	2971271
Sulfuric Acid Lot Number	2956908
Lot # of hydrochloric acid	2968297
Lot # of Nitric Acid	2900088
Hood ID or number	WB2
Hot Block ID number	11, 12
Potassium Persulfate Lot Number	2939890
Potassium Permanganate Lot Number	2939881
NaCL Lot #	2939882
Oven, Bath or Block Temperature 1	95 Degrees C
Oven, Bath or Block Temperature 2	95 Degrees C
Pipette ID	ME1, ME7, ME10
Repittetor Volume Check	02/05/13
Stannous Chloride Lot Number	2706220
SOP Number	ME028
Temperature	95 Degrees C
Digestion Tube/Cup Lot #	J155393-263-100
Visual ck - digestate F.V. consistency	Consitent

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Batch Number: 266223 Batch Start Date: 02/14/13 11:09 Batch Analyst: Umbehr, Uli

Batch Method: 7471A Batch End Date: 02/15/13 11:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	hg_icvint 00083	Hg_Int_Cal 00089	AnalysisComment	
CCV 680-266223/16		7471A, 7471B		0.50 g	50 mL		0.25 mL		
CCB 680-266223/17		7471A, 7471B		0.50 g	50 mL				
ICV 680-266223/19		7471A, 7471B		0.50 g	50 mL	0.15 mL			
ICB 680-266223/20		7471A, 7471B		0.50 g	50 mL				
CRA 680-266223/21		7471A, 7471B		0.50 g	50 mL		0.02 mL	0.20 standard used	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Batch Number: 266223 Batch Start Date: 02/14/13 11:09 Batch Analyst: Umbehr, Uli

Batch Method: 7471A Batch End Date: 02/15/13 11:00

Batch Notes	
Hydroxylamine Sulfate Lot Number	2965828
Hydroxylamine Hydrochloride Lot	2907399
Aqua Regia Lot Number	2907364
Balance ID	27
Blank Soil Lot Number	2021822
Sulfuric Acid Lot Number	2956908
Lot # of hydrochloric acid	2968297
Lot # of Nitric Acid	2900088
Hood ID or number	WB2
Hot Block ID number	11, 12
Potassium Persulfate Lot Number	2939890
Potassium Permanganate Lot Number	2939881
NaCL Lot #	2939882
Nominal Amount Used	0.5 - 0.6 g g
Oven, Bath or Block Temperature 1	95 Degrees C
Oven, Bath or Block Temperature 2	95 Degrees C
Pipette ID	Me1, ME7, ME10
Repittetor Volume Check	01/03/13
Stannous Chloride Lot Number	2971271
SOP Number	ME1, ME7, ME10
Digestion Tube/Cup Lot #	J155393-263-100
Uncorrected Temperature	95 Celsius
Uncorrected Temperature 2	95 Celsius

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Batch Number: 266271 Batch Start Date: 02/14/13 14:40 Batch Analyst: Umbehr, Uli

Batch Method: 7471B Batch End Date: 02/15/13 11:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Hg_Int_Cal 00089			
MB 680-266271/1		7471B, 7471B		0.52 g	50 mL				
LCS 680-266271/2		7471B, 7471B		0.54 g	50 mL	0.25 mL			
680-87447-B-2	CV0971A-CS	7471B, 7471B	T	0.56 g	50 mL				
680-87447-B-2 MS	CV0971A-CS	7471B, 7471B	T	0.53 g	50 mL	0.1 mL			
680-87447-B-2 MSD	CV0971A-CS	7471B, 7471B	T	0.52 g	50 mL	0.1 mL			
680-87447-B-6	CV0971E-CS	7471B, 7471B	T	0.52 g	50 mL				
680-87447-B-7	CV0971F-CS	7471B, 7471B	T	0.51 g	50 mL				
680-87447-B-12	CV0971K-CS	7471B, 7471B	T	0.55 g	50 mL				
680-87447-A-32	CV0971A-CS (sieve)	7471B, 7471B	T	0.54 g	50 mL				
680-87447-A-33	CV0971E-CS (sieve)	7471B, 7471B	T	0.56 g	50 mL				
680-87447-A-34	CV0971F-CS (sieve)	7471B, 7471B	T	0.58 g	50 mL				
680-87447-A-35	CV0971K-CS (sieve)	7471B, 7471B	T	0.54 g	50 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Savannah Job No.: 680-87447-3

SDG No.: 68087447-3

Batch Number: 266271 Batch Start Date: 02/14/13 14:40 Batch Analyst: Umbehr, Uli

Batch Method: 7471B Batch End Date: 02/15/13 11:00

Batch Notes	
Hydroxylamine Sulfate Lot Number	2965828
Hydroxylamine Hydrochloride Lot	2907399
Aqua Regia Lot Number	2907364
Balance ID	27
Blank Soil Lot Number	2021822
Sulfuric Acid Lot Number	2956908
Lot # of hydrochloric acid	2968297
Lot # of Nitric Acid	2900088
Hood ID or number	WB2
Hot Block ID number	11, 12
Potassium Persulfate Lot Number	2939890
Potassium Permanganate Lot Number	2939881
NaCL Lot #	2939882
Nominal Amount Used	0.5 - 0.6 g g
Oven, Bath or Block Temperature 1	95 Degrees C
Oven, Bath or Block Temperature 2	95 Degrees C
Pipette ID	Me1, ME7, ME10
Repittetor Volume Check	01/03/13
Stannous Chloride Lot Number	2971271
SOP Number	ME1, ME7, ME10
Digestion Tube/Cup Lot #	J155393-263-100
Uncorrected Temperature	95 Celsius
Uncorrected Temperature 2	95 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Serial Number 59526

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
35th Removal Ave	2005748-1356	AL

TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Lisa Harvey		

CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
R. Henderson		

CLIENT NAME	CLIENT E-MAIL
OTIE	LKrebs@otie.com

CLIENT ADDRESS

COMPANY CONTRACTING THIS WORK (if applicable)

PAGE 1 OF 3

STANDARD REPORT DELIVERY ◯

DATE DUE _____

EXPEDITED REPORT DELIVERY (SURCHARGE) ◯

DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

REQUIRED ANALYSIS / NUMBER OF CONTAINERS SUBMITTED

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	LL PAH 8270	RCRA Metals									REMARKS
2/12/13	931	~~CV0971AB~~ CV0971AB-GS	G		X			X										
	845	CV0971A-CS	C		X			X	X									
	851	CV0971B-CS	C		X			X										
	854	CV0971C-CS	C		X			X										
	902	CV0971D-CS	C		X			X										
	913	CV0971E-CS	C		X			X	X									
	910	CV0971F-CS	C		X			X	X									
	915	CV0971G-CS	C		X			X										
	923	CV0971H-CS	C		X			X										
	925	CV0971I-CS	C		X			X										
	927	CV0971J-CS	C		X			X										
	940	CV0971K-CS	C		X			X	X									

PRESERVATIVE

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
Nile Sm	2/13/13	1530						

RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
	02/14/13	1018	YES ◯ NO ◯		8744	5.2c

5.2°C

TAL8240-680 (1008)

Serial Number 59528

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

(✓) TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.testamericainc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

( ) Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE: 35th Removal Ave	PROJECT NO.: 2005748-1356	PROJECT LOCATION (STATE): AL	PAGE 3 OF 3
TAL (LAB) PROJECT MANAGER: Lisa Harvey	P.O. NUMBER:	CONTRACT NO.:	
CLIENT (SITE) PM: R. Henderson	CLIENT PHONE: 678-355-5560	CLIENT FAX:	
CLIENT NAME: OTIE	CLIENT E-MAIL: LKrebs@otie.com		
CLIENT ADDRESS:			
COMPANY CONTRACTING THIS WORK (if applicable):			

STANDARD REPORT DELIVERY ( )
DATE DUE _____
EXPEDITED REPORT DELIVERY (SURCHARGE) ( )
DATE DUE _____
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

MATRIX TYPE — COMPOSITE (C) OR GRAB (G) INDICATE; AQUEOUS (WATER); SOLID OR SEMISOLID; AIR; NONAQUEOUS LIQUID (OIL, SOLVENT, ...)

REQUIRED ANALYSIS — NUMBER OF CONTAINERS SUBMITTED

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G)	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID	LL PAH 8270	RCRA Metals									REMARKS
2/12/13	1049	CV0971R-CS	C		X			X										
	1054	CV0971S-CS	C		X			X										
	1028	CV0971AG-GS	G		X			X										
	1034	CV0971AH-GS	G		X			X										
	1038	CV0971AI-GS	G		X			X										
	1043	CV0971AG-GS	G		X			X										
	1236	021213-RB-Shovel	G	X				X	X									
	845	CV0971A-CS (sieve)	C		X				X									
	913	CV0971E-CS (sieve)	C		X				X									
	910	CV0971F-CS (sieve)	C		X				X									
	940	CV0971K-CS (sieve)	C		X				X									
									X									

PRESERVATIVE

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	2/13/13	1530						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	02/14/13	1018	YES ( ) NO ( )		87447	5.2°C

TAL8240-680 (1008)

Login Sample Receipt Checklist

Client: Oneida Total Integrated Enterprises LLC

Job Number: 680-87447-3
SDG Number: 68087447-3

Login Number: 87447
List Number: 1
Creator: Barnett, Eddie T

List Source: TestAmerica Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	False	-30 is listed incorrectly on COC, label correctly reads "CV0971AJ-GS"
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Jar for -29 was received cracked - soil transferred to new jar
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Oneida Total Integrated Enterprises LLC

Job Number: 680-87447-3
SDG Number: 68087447-3

Login Number: 87447
List Number: 1
Creator: Snead, Joshua

List Source: TestAmerica Tampa
List Creation: 02/15/13 02:18 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	