ANALYTICAL REPORT

Job Number: 680-85980-2

SDG Number: 68085980-2

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.
Lisa Harvey
Project Manager II
1/9/2013 2:43 PM

Lisa Harvey
Project Manager II
lisa.harvey@testamericainc.com
01/09/2013

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

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CASE NARRATIVE
Client: Oneida Total Integrated Enterprises LLC
Project: 35th Avenue Superfund Site
Report Number: 680-85980-2

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 12/20/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 4.2 C.

METALS (ICP)
Sample 121912-RB-SIEVE (680-85980-46) was analyzed for Metals (ICP) in accordance with EPA Method 200.7.

TOTAL MERCURY
Sample 121912-RB-SIEVE (680-85980-46) was analyzed for total mercury in accordance with EPA Method 245.1.

Method(s) 245.1: The method blank associated with batch 680-261590 contained mercury greater than one-half the reporting limit (RL). The data have been qualified and reported.

METALS (ICP)
Sample CV0627A-CS (680-85980-39) was analyzed for Metals (ICP) in accordance with EPA SW-846 Method 6010C.

Method(s) 6010C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 680-260659 were outside control limits for arsenic and chromium. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 6010C: Due to the high concentration of barium and lead, the matrix spike / matrix spike duplicate (MS/MSD) for batch 680-260659 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

TOTAL MERCURY
Sample CV0627A-CS (680-85980-39) was analyzed for total mercury in accordance with EPA SW-846 Method 7471B.

Method(s) 7471A, 7471B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 261384 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 7471B: The matrix spike / matrix spike duplicate (MS/MSD) percent recoveries and %RPD for batch 680-261384 were outside control limits for mercury.

SAMPLE SUMMARY

Client: Oneida Total Integrated Enterprises LLC

Job Number: 680-85980-2
Sdg Number: 68085980-2

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-85980-39	CV0627A-CS	Solid	12/19/2012 0915	12/20/2012 1027
680-85980-39MS	CV0627A-CS	Solid	12/19/2012 0915	12/20/2012 1027
680-85980-39MSD	CV0627A-CS	Solid	12/19/2012 0915	12/20/2012 1027
680-85980-46	121912-RB-SIEVE	Water	12/19/2012 1200	12/20/2012 1027

METHOD SUMMARY

Client: Oneida Total Integrated Enterprises LLC

Job Number: 680-85980-2
Sdg Number: 68085980-2

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	
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

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: 680-85980-2
Sdg Number: 68085980-2

Method	Analyst	Analyst ID
40CFR136A 200.7 Rev 4.4	Robertson, Bryn	BR
EPA 245.1	Eaton, Cliff	CE
SW846 6010C	Robertson, Bryn	BR
SW846 7471B	Bland, Brian	BCB
EPA Moisture	Swafford, Frances	FS

DATA REPORTING QUALIFIERS

Client: Oneida Total Integrated Enterprises LLC

Job Number: 680-85980-2
Sdg Number: 68085980-2

Lab Section	Qualifier	Description
Metals		
	B	Compound was found in the blank and sample.
	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: 680-85980-2
Sdg Number: 68085980-2

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 680-260659					
LCS 680-260659/2-A	Lab Control Sample	T	Solid	3050B	
MB 680-260659/1-A	Method Blank	T	Solid	3050B	
680-85980-39	CV0627A-CS	T	Solid	3050B	
680-85980-39MS	Matrix Spike	T	Solid	3050B	
680-85980-39MSD	Matrix Spike Duplicate	T	Solid	3050B	
Prep Batch: 680-260769					
LCS 680-260769/2-A	Lab Control Sample	T	Water	200.7	
MB 680-260769/1-A	Method Blank	T	Water	200.7	
680-85980-46	121912-RB-SIEVE	T	Water	200.7	
680-86038-C-1-B MS	Matrix Spike	T	Water	200.7	
680-86038-C-1-C MSD	Matrix Spike Duplicate	T	Water	200.7	
Analysis Batch:680-260853					
LCS 680-260659/2-A	Lab Control Sample	T	Solid	6010C	680-260659
MB 680-260659/1-A	Method Blank	T	Solid	6010C	680-260659
Analysis Batch:680-261117					
LCS 680-260769/2-A	Lab Control Sample	T	Water	200.7 Rev 4.4	680-260769
MB 680-260769/1-A	Method Blank	T	Water	200.7 Rev 4.4	680-260769
680-85980-39	CV0627A-CS	T	Solid	6010C	680-260659
680-85980-39MS	Matrix Spike	T	Solid	6010C	680-260659
680-85980-39MSD	Matrix Spike Duplicate	T	Solid	6010C	680-260659
680-85980-46	121912-RB-SIEVE	T	Water	200.7 Rev 4.4	680-260769
680-86038-C-1-B MS	Matrix Spike	T	Water	200.7 Rev 4.4	680-260769
680-86038-C-1-C MSD	Matrix Spike Duplicate	T	Water	200.7 Rev 4.4	680-260769
Prep Batch: 680-261384					
LCS 680-261384/2-A	Lab Control Sample	T	Solid	7471B	
MB 680-261384/1-A	Method Blank	T	Solid	7471B	
LB 680-261384/23-A	TCLP SPLPE Leachate Blank	T	Solid	7471B	
680-85980-39	CV0627A-CS	T	Solid	7471B	
680-85980-39MS	Matrix Spike	T	Solid	7471B	
680-85980-39MSD	Matrix Spike Duplicate	T	Solid	7471B	
Analysis Batch:680-261525					
LCS 680-261384/2-A	Lab Control Sample	T	Solid	7471B	680-261384
MB 680-261384/1-A	Method Blank	T	Solid	7471B	680-261384
LB 680-261384/23-A	TCLP SPLPE Leachate Blank	T	Solid	7471B	680-261384
680-85980-39	CV0627A-CS	T	Solid	7471B	680-261384
680-85980-39MS	Matrix Spike	T	Solid	7471B	680-261384
680-85980-39MSD	Matrix Spike Duplicate	T	Solid	7471B	680-261384

Client: Oneida Total Integrated Enterprises LLC

Job Number: 680-85980-2
Sdg Number: 68085980-2

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 680-261590					
LCS 680-261590/2-A	Lab Control Sample	T	Water	245.1	
MB 680-261590/1-A	Method Blank	T	Water	245.1	
680-85980-46	121912-RB-SIEVE	T	Water	245.1	
680-85982-R-1-I MS	Matrix Spike	T	Water	245.1	
680-85982-R-1-J MSD	Matrix Spike Duplicate	T	Water	245.1	
Analysis Batch:680-261972					
LCS 680-261590/2-A	Lab Control Sample	T	Water	245.1	680-261590
MB 680-261590/1-A	Method Blank	T	Water	245.1	680-261590
680-85980-46	121912-RB-SIEVE	T	Water	245.1	680-261590
680-85982-R-1-I MS	Matrix Spike	T	Water	245.1	680-261590
680-85982-R-1-J MSD	Matrix Spike Duplicate	T	Water	245.1	680-261590

Report Basis
T = Total

General Chemistry					
Analysis Batch:680-261140					
680-85980-39	CV0627A-CS	T	Solid	Moisture	
680-85980-39MS	Matrix Spike	T	Solid	Moisture	
680-85980-39MSD	Matrix Spike Duplicate	T	Solid	Moisture	

Report Basis
T = Total

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Savannah Job Number: 680-85980-2

SDG No.: 68085980-2

Project: 35th Avenue Superfund Site

Client Sample ID	Lab Sample ID
CV0627A-CS	680-85980-39
121912-RB-SIEVE	680-85980-46

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: CV0627A-CS
Lab Sample ID: 680-85980-39
Lab Name: TestAmerica Savannah
Job No.: 680-85980-2
SDG ID.: 68085980-2
Matrix: Solid
Date Sampled: 12/19/2012 09:15
Reporting Basis: DRY
Date Received: 12/20/2012 10:27
% Solids: 72.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-38-2	Arsenic	36	2.7	0.79	mg/Kg			1	6010C
7440-39-3	Barium	240	1.3	0.40	mg/Kg			1	6010C
7440-43-9	Cadmium	1.9	0.67	0.13	mg/Kg			1	6010C
7440-47-3	Chromium	37	1.3	0.67	mg/Kg			1	6010C
7439-92-1	Lead	250	1.3	0.71	mg/Kg			1	6010C
7782-49-2	Selenium	2.4	3.3	1.3	mg/Kg	J		1	6010C
7440-22-4	Silver	1.3	1.3	0.13	mg/Kg	U		1	6010C
7439-97-6	Mercury	0.35	0.024	0.0098	mg/Kg			1	7471B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: 121912-RB-SIEVE
Lab Sample ID: 680-85980-46
Lab Name: TestAmerica Savannah
Job No.: 680-85980-2
SDG ID.: 68085980-2
Matrix: Water
Date Sampled: 12/19/2012 12:00
Reporting Basis: WET
Date Received: 12/20/2012 10:27

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	150	10	4.0	ug/L			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	0.37	0.20	0.091	ug/L		B	1	245.1

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

ICV Source: P_ICV_wk_00211 Concentration Units: ug/L

CCV Source: P_CCV_wk_00104

Analyte	ICV 680-260853/4 12/22/2012 12:14				CCV 680-260853/93 12/22/2012 21:53				CCV 680-260853/105 12/22/2012 23:10			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	1010		1000	101	496		500	99	491		500	98
Barium	1000		1000	100	5050		5000	101	5060		5000	101
Cadmium	1010		1000	101	506		500	101	507		500	101
Chromium	989		1000	99	5040		5000	101	5060		5000	101
Lead	1010		1000	101	501		500	100	500		500	100
Selenium	991		1000	99	5020		5000	100	5000		5000	100
Silver	992		1000	99	505		500	101	509		500	102

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

ICV Source: P_ICV_wk_00211 Concentration Units: ug/L

CCV Source: P_CCV_wk_00104

Analyte	ICV 680-261117/4 12/26/2012 15:45				CCV 680-261117/9 12/26/2012 16:17				CCV 680-261117/21 12/26/2012 17:35			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	1000		1000	100	494		500	99	500		500	100
Barium	999		1000	100	5040		5000	101	5060		5000	101
Cadmium	1010		1000	101	501		500	100	503		500	101
Chromium	991		1000	99	5020		5000	100	5130		5000	103
Lead	1010		1000	101	502		500	100	498		500	100
Selenium	986		1000	99	4990		5000	100	5030		5000	101
Silver	984		1000	98	498		500	100	508		500	102

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

ICV Source: P_ICV_wk_00211 Concentration Units: ug/L

CCV Source: P_CCV_wk_00104

Analyte	CCV 680-261117/69 12/26/2012 22:44				CCV 680-261117/81 12/27/2012 00:01				CCV 680-261117/93 12/27/2012 01:18			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Arsenic	500		500	100	496		500	99	498		500	100
Barium	5070		5000	101	5070		5000	101	5070		5000	101
Cadmium	496		500	99	496		500	99	495		500	99
Chromium	5190		5000	104	5190		5000	104	5200		5000	104
Lead	495		500	99	493		500	99	492		500	98
Selenium	5030		5000	101	5040		5000	101	5050		5000	101
Silver	508		500	102	509		500	102	510		500	102

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

ICV Source: hg_icvint_00080 Concentration Units: ug/L

CCV Source: Hg_Int_Cal_00086

Analyte	ICV 680-261525/7 12/31/2012 10:54				CCV 680-261525/10 12/31/2012 11:04				CCV 680-261525/22 12/31/2012 11:33			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	3.15		3.00	105	2.43		2.50	97	2.44		2.50	97

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.: 680-85980-2

SDG No.: 68085980-2

ICV Source: hg_icvint_00080 Concentration Units: ug/L

CCV Source: Hg_Int_Cal_00086

Analyte	CCV 680-261525/34 12/31/2012 12:02				CCV 680-261525/46 12/31/2012 12:31				CCV 680-261525/69 12/31/2012 13:27			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.40		2.50	96	2.33		2.50	93	2.40		2.50	96

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.: 680-85980-2

SDG No.: 68085980-2

ICV Source: hg_icvint_00080 Concentration Units: ug/L

CCV Source: Hg_Int_Cal_00086

Analyte	CCV 680-261525/76 12/31/2012 13:46											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	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.: 680-85980-2

SDG No.: 68085980-2

ICV Source: Hg_CLPICVstk_00006 Concentration Units: ug/L

CCV Source: Hg_Int_Cal_00086

Analyte	ICV 680-261972/7 01/04/2013 16:13				CCV 680-261972/118 01/04/2013 20:43				CCV 680-261972/130 01/04/2013 21:12			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	3.89		4.00	97	2.55		2.50	102	2.65		2.50	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.: 680-85980-2

SDG No.: 68085980-2

ICV Source: Hg_CLPICVstk_00006 Concentration Units: ug/L

CCV Source: Hg_Int_Cal_00086

Analyte	CCV 680-261972/142 01/04/2013 21:41				CCV 680-261972/154 01/04/2013 22:11							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	2.61		2.50	104	2.61		2.50	104				

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.: 680-85980-2

SDG No.: 68085980-2

Method: 6010C Instrument ID: ICPE

Lab Sample ID: CRI 680-260853/6 Concentration Units: ug/L

CRQL Check Standard Source: P_CRI_00023

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Arsenic	20.0	24.2		121	50-150
Barium	10.0	9.51	J	95	50-150
Cadmium	5.00	5.14		103	50-150
Chromium	10.0	9.83	J	98	50-150
Lead	10.0	8.82	J	88	50-150
Selenium	20.0	23.8	J	119	50-150
Silver	10.0	9.87	J	99	50-150

Lab Sample ID: CRI 680-261117/6 Concentration Units: ug/L

CRQL Check Standard Source: P_CRI_00023

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Arsenic	20.0	23.9		119	50-150
Barium	10.0	9.56	J	96	50-150
Cadmium	5.00	4.91	J	98	50-150
Chromium	10.0	9.80	J	98	50-150
Lead	10.0	9.79	J	98	50-150
Selenium	20.0	17.2	J	86	50-150
Silver	10.0	10.0		100	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.: 680-85980-2

SDG No.: 68085980-2

Method: 245.1 Instrument ID: LEEMAN2

Lab Sample ID: CRA 680-261972/9 Concentration Units: ug/L

CRQL Check Standard Source: Hg_Int_Cal_00086

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.175	J	88	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.: 680-85980-2

SDG No.: 68085980-2

Method: 7471B Instrument ID: LEEMAN2

Lab Sample ID: CRA 680-261525/9 Concentration Units: ug/L

CRQL Check Standard Source: Hg_Int_Cal_00086

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Mercury	0.200	0.194	J	97	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.: 680-85980-2

SDG No.: 68085980-2

Concentration Units: ug/L

Analyte	RL	ICBIS 680-260853/5 12/22/2012 12:20		CCB 680-260853/94 12/22/2012 21:59		CCB 680-260853/106 12/22/2012 23:17			
		Found	C	Found	C	Found	C	Found	C
Arsenic	20	9.56	J	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	25	25	U	25	U	25	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.: 680-85980-2

SDG No.: 68085980-2

Concentration Units: ug/L

Analyte	RL	ICBIS 680-261117/5 12/26/2012 15:51		CCB 680-261117/10 12/26/2012 16:24		CCB 680-261117/22 12/26/2012 17:41		CCB 680-261117/70 12/26/2012 22:50	
		Found	C	Found	C	Found	C	Found	C
Arsenic	20	7.70	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	20	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.: 680-85980-2

SDG No.: 68085980-2

Concentration Units: ug/L

Analyte	RL	CCB 680-261117/82 12/27/2012 00:08		CCB 680-261117/94 12/27/2012 01:25					
		Found	C	Found	C	Found	C	Found	C
Arsenic	20	20	U	20	U				
Barium	10	10	U	10	U				
Cadmium	5.0	5.0	U	5.0	U				
Chromium	10	10	U	10	U				
Lead	10	10	U	10	U				
Selenium	25	20	U	6.84	J				
Silver	10	10	U	10	U				

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Concentration Units: ug/L

Analyte	RL	ICB 680-261525/8 12/31/2012 10:56		CCB 680-261525/11 12/31/2012 11:06		CCB 680-261525/23 12/31/2012 11:35		CCB 680-261525/35 12/31/2012 12:04	
		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
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Concentration Units: ug/L

Analyte	RL	CCB 680-261525/47 12/31/2012 12:33		CCB 680-261525/70 12/31/2012 13:29		CCB 680-261525/77 12/31/2012 13:49			
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Concentration Units: ug/L

Analyte	RL	ICB 680-261972/8 01/04/2013 16:16		CCB 680-261972/119 01/04/2013 20:45		CCB 680-261972/131 01/04/2013 21:15		CCB 680-261972/143 01/04/2013 21:44	
		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
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Concentration Units: ug/L

Analyte	RL	CCB 680-261972/155 01/04/2013 22:13							
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Concentration Units: ug/L Lab Sample ID: MB 680-260769/1-A

Instrument Code: ICPE Batch No.: 261117

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	20	U		200.7_CWA
7440-22-4	Silver	10	U		200.7_CWA

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Concentration Units: mg/Kg Lab Sample ID: MB 680-260659/1-A

Instrument Code: ICPE Batch No.: 260853

CAS No.	Analyte	Concentration	C	Q	Method
7440-38-2	Arsenic	1.9	U		6010C
7440-39-3	Barium	0.95	U		6010C
7440-43-9	Cadmium	0.48	U		6010C
7440-47-3	Chromium	0.95	U		6010C
7439-92-1	Lead	0.95	U		6010C
7782-49-2	Selenium	2.4	U		6010C
7440-22-4	Silver	0.95	U		6010C

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Concentration Units: ug/L Lab Sample ID: MB 680-261590/1-A

Instrument Code: LEEMAN2 Batch No.: 261972

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.170	J		245.1

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Concentration Units: mg/Kg Lab Sample ID: MB 680-261384/1-A

Instrument Code: LEEMAN2 Batch No.: 261525

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.020	U		7471B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Concentration Units: mg/Kg Lab Sample ID: LB 680-261384/23-A

Instrument Code: LEEMAN2 Batch No.: 261525

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.020	U		7471B

FORM III-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Lab Sample ID: ICSA 680-260853/7 Instrument ID: ICPE

Lab File ID: ICPE-12242012.csv ICS Source: P_ICSA_wk_00030

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Arsenic		**2.31**	
Barium		**5.52**	
Cadmium		**0.583**	
Chromium		**0.855**	
Lead		**-0.593**	
Selenium		**6.15**	
Silver		**0.160**	
Aluminum	*500000*	*554194*	*111*
Antimony		*-3.76*	
Beryllium		*-0.105*	
Boron		*-51.1*	
Calcium	*500000*	*492116*	*98*
Cobalt		*-3.21*	
Copper		*4.33*	
Iron	*200000*	*190441*	*95*
Magnesium	*500000*	*532170*	*106*
Manganese		*-6.73*	
Molybdenum		*0.0558*	
Nickel		*-7.04*	
Potassium		*1.39*	
Sodium		*375*	
Strontium		*-7.72*	
Thallium		*6.60*	
Tin		*-2.77*	
Titanium		*2.24*	
Vanadium		*1.54*	
Zinc		*-7.50*	

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.: 680-85980-2

SDG No.: 68085980-2

Lab Sample ID: ICSAB 680-260853/8 Instrument ID: ICPE

Lab File ID: ICPE-12242012.csv ICS Source: P_ICSAB_wk_00043

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Arsenic	**100**	**114**	**114**
Barium	**500**	**505**	**101**
Cadmium	**1000**	**967**	**97**
Chromium	**500**	**485**	**97**
Lead	**50.0**	**49.7**	**99**
Selenium	**50.0**	**48.4**	**97**
Silver	**200**	**219**	**109**
Aluminum	*500000*	*555709*	*111*
Antimony	*600*	*647*	*108*
Beryllium	*500*	*507*	*101*
Boron		*-52.7*	
Calcium	*500000*	*490875*	*98*
Cobalt	*500*	*471*	*94*
Copper	*500*	*568*	*114*
Iron	*200000*	*189904*	*95*
Magnesium	*500000*	*528101*	*106*
Manganese	*500*	*505*	*101*
Molybdenum	*1000*	*1055*	*106*
Nickel	*1000*	*931*	*93*
Potassium		*0.853*	
Sodium		*166*	
Strontium		*-4.22*	
Thallium	*100*	*102*	*102*
Tin	*1000*	*1011*	*101*
Titanium		*2.30*	
Vanadium	*500*	*503*	*101*
Zinc	*1000*	*919*	*92*

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.: 680-85980-2

SDG No.: 68085980-2

Lab Sample ID: ICSA 680-261117/7 Instrument ID: ICPE

Lab File ID: ICPE-12262012.csv ICS Source: P_ICSA_wk_00030

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Arsenic		**-2.92**	
Barium		**4.91**	
Cadmium		**3.13**	
Chromium		**0.891**	
Lead		**5.80**	
Selenium		**-5.57**	
Silver		**0.149**	
Aluminum	*500000*	*547993*	*110*
Antimony		*5.86*	
Beryllium		*-0.135*	
Boron		*-45.7*	
Calcium	*500000*	*490646*	*98*
Cobalt		*-3.53*	
Copper		*2.85*	
Iron	*200000*	*189818*	*95*
Magnesium	*500000*	*526221*	*105*
Manganese		*-6.44*	
Molybdenum		*-0.649*	
Nickel		*-8.09*	
Potassium		*-4.20*	
Sodium		*299*	
Strontium		*-6.46*	
Thallium		*6.35*	
Tin		*-4.70*	
Titanium		*2.14*	
Vanadium		*0.610*	
Zinc		*-8.96*	

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.: 680-85980-2

SDG No.: 68085980-2

Lab Sample ID: ICSAB 680-261117/8 Instrument ID: ICPE

Lab File ID: ICPE-12262012.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**	**503**	**101**
Cadmium	**1000**	**961**	**96**
Chromium	**500**	**487**	**97**
Lead	**50.0**	**51.9**	**104**
Selenium	**50.0**	**43.4**	**87**
Silver	**200**	**218**	**109**
Aluminum	*500000*	*546931*	*109*
Antimony	*600*	*634*	*106*
Beryllium	*500*	*505*	*101*
Boron		*-45.2*	
Calcium	*500000*	*489483*	*98*
Cobalt	*500*	*467*	*93*
Copper	*500*	*564*	*113*
Iron	*200000*	*189196*	*95*
Magnesium	*500000*	*524969*	*105*
Manganese	*500*	*507*	*101*
Molybdenum	*1000*	*1047*	*105*
Nickel	*1000*	*925*	*93*
Potassium		*-4.05*	
Sodium		*86.5*	
Strontium		*-3.40*	
Thallium	*100*	*92.2*	*92*
Tin	*1000*	*1003*	*100*
Titanium		*2.25*	
Vanadium	*500*	*498*	*100*
Zinc	*1000*	*922*	*92*

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: CV0627A-CS MS
Lab ID: 680-85980-39 MS
Lab Name: TestAmerica Savannah
Job No.: 680-85980-2
SDG No.: 68085980-2
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 72.2

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	52.3		36		13.4	119	75-125		6010C
Barium	261		240		13.4	173	75-125	4	6010C
Cadmium	8.40		1.9		6.72	97	75-125		6010C
Chromium	54.2		37		13.4	125	75-125		6010C
Lead	253		250		6.72	60	75-125	4	6010C
Selenium	15.2		2.4	J	13.4	95	75-125		6010C
Silver	6.75		1.3	U	6.72	101	75-125		6010C
Mercury	0.259		0.35		0.128	-70	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: _____ Lab ID: 680-86038-C-1-B MS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Matrix: Water Concentration Units: ug/L

% Solids: _____

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	117		5.5	J	100	111	75-125		200.7 Rev 4.4
Barium	101		10	U	100	101	75-125		200.7 Rev 4.4
Cadmium	51.5		5.0	U	50.0	103	75-125		200.7 Rev 4.4
Chromium	108		10	U	100	108	75-125		200.7 Rev 4.4
Lead	49.7		10	U	50.0	99	75-125		200.7 Rev 4.4
Selenium	113		7.3	J	100	105	75-125		200.7 Rev 4.4
Silver	54.3		10	U	50.0	109	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 SAMPLE RECOVERY
METALS

Client ID:
Lab ID: 680-85982-R-1-I MS
Lab Name: TestAmerica Savannah
Job No.: 680-85980-2
SDG No.: 68085980-2
Matrix: Water
Concentration Units: ug/L
% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.835		0.13	J	1.00	71	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 DUPLICATE SAMPLE RECOVERY
METALS

Client ID: CV0627A-CS MSD
Lab ID: 680-85980-39 MSD
Lab Name: TestAmerica Savannah
Job No.: 680-85980-2
SDG No.: 68085980-2
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 72.2

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Arsenic	55.8		13.7	142	75-125	6	20	F	6010C
Barium	271		13.7	244	75-125	4	20	4	6010C
Cadmium	8.60		6.85	98	75-125	2	20		6010C
Chromium	55.4		13.7	130	75-125	2	20	F	6010C
Lead	299		6.85	723	75-125	16	20	4	6010C
Selenium	15.6		13.7	96	75-125	3	20		6010C
Silver	6.94		6.85	101	75-125	3	20		6010C
Mercury	0.331		0.126	-14	80-120	24	20	F	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: _____ Lab ID: 680-86038-C-1-C MSD

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Matrix: Water Concentration Units: ug/L

% Solids: _____

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Arsenic	120		100	114	75-125	2	20		200.7 Rev 4.4
Barium	102		100	102	75-125	1	20		200.7 Rev 4.4
Cadmium	51.9		50.0	104	75-125	1	20		200.7 Rev 4.4
Chromium	109		100	109	75-125	1	20		200.7 Rev 4.4
Lead	50.8		50.0	102	75-125	2	20		200.7 Rev 4.4
Selenium	124		100	117	75-125	9	20		200.7 Rev 4.4
Silver	54.8		50.0	110	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

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 680-85982-R-1-J MSD

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Matrix: Water Concentration Units: ug/L

% Solids: _____

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Mercury	0.892		1.00	77	70-130	7	20		245.1

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: _____ Lab ID: 680-85929-B-6-A PDS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	275		28		239	103	75-125		6010C
Barium	379		150		239	96	75-125		6010C
Cadmium	6.70		1.3		5.98	91	75-125		6010C
Chromium	124		100		23.9	90	75-125		6010C
Lead	438		390		59.8	78	75-125		6010C
Selenium	245		3.0		239	101	75-125		6010C
Silver	6.27		1.2	U	5.98	105	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: _____ Lab ID: 680-86038-C-1-A PDS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Matrix: Water Concentration Units: ug/L

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Arsenic	2200		5.5	J	2000	110	75-125		200.7 Rev 4.4
Barium	2000		10	U	2000	100	75-125		200.7 Rev 4.4
Cadmium	49.3		5.0	U	50.0	99	75-125		200.7 Rev 4.4
Chromium	206		10	U	200	103	75-125		200.7 Rev 4.4
Lead	473		10	U	500	95	75-125		200.7 Rev 4.4
Selenium	2130		7.3	J	2000	106	75-125		200.7 Rev 4.4
Silver	53.1		10	U	50.0	106	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 680-260769/2-A

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

Sample Matrix: Water LCS Source: MS lcs1cpi_00031

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Arsenic	100	105		105	85	115		200.7 Rev 4.4
Barium	100	101		101	85	115		200.7 Rev 4.4
Cadmium	50.0	50.6		101	85	115		200.7 Rev 4.4
Chromium	100	107		107	85	115		200.7 Rev 4.4
Lead	50.0	50.1		100	85	115		200.7 Rev 4.4
Selenium	100	110		110	85	115		200.7 Rev 4.4
Silver	50.0	49.9		100	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 680-260659/2-A

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

Sample Matrix: Solid LCS Source: MS lcs1cpi_00030

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Arsenic	10.0	11.0		110	75	125		6010C
Barium	10.0	10.5		105	75	125		6010C
Cadmium	5.00	5.36		107	75	125		6010C
Chromium	10.0	11.0		110	75	125		6010C
Lead	5.00	5.15		103	75	125		6010C
Selenium	10.0	10.5		105	75	125		6010C
Silver	5.00	5.23		105	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 680-261590/2-A

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

Sample Matrix: Water LCS Source: Hg_Int_Cal_00086

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	2.50	2.45		98	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 680-261384/2-A

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

Sample Matrix: Solid LCS Source: Hg_Int_Cal_00086

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	0.240	0.230		96	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: 680-85929-B-6-A SD ^5

SDG No: 68085980-2

Lab Name: TestAmerica Savannah Job No: 680-85980-2

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Arsenic	28		28.6		NC		6010C
Barium	150		152		1.2		6010C
Cadmium	1.3		0.844	J	NC		6010C
Chromium	100		107		4.2		6010C
Lead	390		418		6.9		6010C
Selenium	3.0		15	U	NC		6010C
Silver	1.2	U	6.0	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: 680-86038-C-1-A SD ^5

SDG No: 68085980-2

Lab Name: TestAmerica Savannah Job No: 680-85980-2

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Arsenic	5.5	J	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	7.3	J	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: 680-85980-2

SDG Number: 68085980-2

Matrix: Water Instrument ID: ICPE

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: 680-85980-2

SDG Number: 68085980-2

Matrix: Water Instrument ID: ICPE

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: 680-85980-2

SDG Number: 68085980-2

Matrix: Solid Instrument ID: ICPE

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: 680-85980-2

SDG Number: 68085980-2

Matrix: Solid Instrument ID: ICPE

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: 680-85980-2

SDG Number: 68085980-2

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: 680-85980-2

SDG Number: 68085980-2

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: 680-85980-2

SDG Number: 68085980-2

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: 680-85980-2

SDG Number: 68085980-2

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: 680-85980-2

SDG No.: 68085980-2

ICP-AES Instrument ID: ICPE Date: 03/26/2012

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg
Aluminum	308.215														
Antimony	206.834		0.000012								0.003985		0.000013		
Arsenic	188.980										-0.000784				
Barium	389.178							-0.000007					0.000040		0.000152
Beryllium	313.042				0.000002										
Boron	249.678												-0.000069		
Cadmium	226.502		0.000004					0.000002					0.000084		
Calcium	370.602									0.004000			-0.085534		
Chromium	267.716								-0.000136				0.000007		
Cobalt	228.615												0.000005		
Copper	324.754														
Iron	271.441							0.000014		0.066798	0.001044				
Lead	220.353		-0.000025							-0.000220			0.000018		
Magnesium	279.078		-0.000063										0.000046		
Manganese	257.610												0.000014		0.000021
Molybdenum	202.032		0.000004										-0.000007		
Nickel	231.604												0.000013		0.000012
Potassium	766.491														
Selenium	196.026												0.000003		
Silver	328.068												-0.000004		
Sodium	330.237												-0.004899		-0.001455
Strontium	216.596							0.000006				-0.000064	0.000185		
Thallium	190.794									0.004268	0.000362		-0.000139		
Tin	189.925												0.000005		
Titanium	334.941									-0.000063	0.000177				
Vanadium	292.401							-0.000005			-0.001980		0.000015		
Zinc	206.200										-0.002886		0.000003		0.000029

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Savannah Job Number: 680-85980-2

SDG No.: 68085980-2

ICP-AES Instrument ID: ICPE Date: 03/26/2012

Analyte	Wave Length	Mn	Mo	Na	Ni	Pb	Sb	Se	Sn	Sr	Ti	Tl	V	Zn	
Aluminum	308.215		0.004460										0.020900		
Antimony	206.834		-0.006099						0.000109						
Arsenic	188.980		-0.000415												
Barium	389.178												0.000246		
Beryllium	313.042		-0.000032								0.000017		0.000047		
Boron	249.678														
Cadmium	226.502														
Calcium	370.602	0.010121									0.009919		0.006057		
Chromium	267.716												-0.000148		
Cobalt	228.615		-0.001880						-0.000023		0.001742				
Copper	324.754		0.000357								0.000223		-0.000137		
Iron	271.441		0.001825										0.007233		
Lead	220.353	0.000117	-0.001014								-0.000288		-0.000102		
Magnesium	279.078	-0.005350	0.005872										0.000286		
Manganese	257.610					0.000003									
Molybdenum	202.032												-0.000113		
Nickel	231.604						-0.000067					0.000241			
Potassium	766.491														
Selenium	196.026														
Silver	328.068									-0.000157			0.000028		
Sodium	330.237										-0.045200			-0.318877	
Strontium	216.596		-0.001012		-0.004434										
Thallium	190.794	0.001070	-0.002214								0.000698		0.002684		
Tin	189.925														
Titanium	334.941		-0.000052												
Vanadium	292.401	-0.000070	-0.005998								0.000502				
Zinc	206.200														

X-IN

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Savannah Job No: 680-85980-2

SDG No.: 68085980-2

Instrument ID: ICPE Date: 02/27/2012 11:40

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Arsenic		18000	200.7 Rev 4.4
Barium		18000	200.7 Rev 4.4
Cadmium		9000	200.7 Rev 4.4
Chromium		22500	200.7 Rev 4.4
Lead		18000	200.7 Rev 4.4
Selenium		22500	200.7 Rev 4.4
Silver		1800	200.7 Rev 4.4

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 680-260659/1-A	12/21/2012 10:52	260659	1.05		100
LCS 680-260659/2-A	12/21/2012 10:52	260659	1.00		100
680-85980-39	12/21/2012 13:03	260659	1.04		100
680-85980-39 MS	12/21/2012 13:03	260659	1.03		100
680-85980-39 MSD	12/21/2012 13:03	260659	1.01		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Prep Method: 200.7

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 680-260769/1-A	12/22/2012 09:26	260769		50	50
LCS 680-260769/2-A	12/22/2012 09:26	260769		50	50
680-85980-46	12/22/2012 09:26	260769		50	50
680-86038-C-1-B MS	12/22/2012 09:26	260769		50	50
680-86038-C-1-C MSD	12/22/2012 09:26	260769		50	50

FORM XII-IN

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Prep Method: 7471B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 680-261384/1-A	12/28/2012 18:54	261384	0.51		50
LCS 680-261384/2-A	12/28/2012 18:54	261384	0.52		50
680-85980-39	12/28/2012 18:54	261384	0.58		50
680-85980-39 MS	12/28/2012 18:54	261384	0.54		50
680-85980-39 MSD	12/28/2012 18:54	261384	0.55		50
LB 680-261384/23-A	12/28/2012 18:54	261384	0.51		50

FORM XII-IN

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Prep Method: 245.1

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 680-261590/1-A	01/02/2013 10:50	261590		50	50
LCS 680-261590/2-A	01/02/2013 10:50	261590		50	50
680-85982-R-1-I MS	01/02/2013 10:50	261590		50	50
680-85982-R-1-J MSD	01/02/2013 10:50	261590		50	50
680-85980-46	01/02/2013 10:50	261590		50	50

FORM XII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Instrument ID: ICPE Method: 200.7 Rev 4.4

Start Date: 12/26/2012 15:26 End Date: 12/27/2012 03:47

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			15:26																				
ZZZZZZ			15:32																				
ZZZZZZ			15:39																				
ICV 680-261117/4	1		15:45	X	X	X	X	X	X	X													
ICBIS 680-261117/5	1		15:51	X	X	X	X	X	X	X													
CRI 680-261117/6	1		15:58	X	X	X	X	X	X	X													
ICSA 680-261117/7	1		16:04	X	X	X	X	X	X	X													
ICSAB 680-261117/8	1		16:11	X	X	X	X	X	X	X													
CCV 680-261117/9	1		16:17	X	X	X	X	X	X	X													
CCB 680-261117/10	1		16:24	X	X	X	X	X	X	X													
ZZZZZZ			16:30																				
680-85980-39	1	T	16:37	X	X	X	X	X	X	X													
680-85980-39 MS	1	T	16:43	X	X	X	X	X	X	X													
680-85980-39 MSD	1	T	16:49	X	X	X	X	X	X	X													
ZZZZZZ			16:56																				
ZZZZZZ			17:02																				
ZZZZZZ			17:09																				
ZZZZZZ			17:15																				
ZZZZZZ			17:22																				
ZZZZZZ			17:28																				
CCV 680-261117/21	1		17:35	X	X	X	X	X	X	X													
CCB 680-261117/22	1		17:41	X	X	X	X	X	X	X													
ZZZZZZ			17:47																				
ZZZZZZ			17:54																				
ZZZZZZ			18:00																				
ZZZZZZ			18:07																				
ZZZZZZ			18:13																				
ZZZZZZ			18:20																				
ZZZZZZ			18:26																				
ZZZZZZ			18:33																				
ZZZZZZ			18:39																				
ZZZZZZ			18:45																				
CCV 680-261117/33			18:52																				
CCB 680-261117/34			18:58																				
ZZZZZZ			19:05																				
ZZZZZZ			19:11																				
ZZZZZZ			19:18																				
ZZZZZZ			19:24																				
ZZZZZZ			19:30																				
ZZZZZZ			19:37																				
ZZZZZZ			19:43																				
ZZZZZZ			19:50																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Instrument ID: ICPE Method: 200.7 Rev 4.4

Start Date: 12/26/2012 15:26 End Date: 12/27/2012 03:47

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			19:56																				
ZZZZZZ			20:03																				
CCV 680-261117/45			20:09																				
CCB 680-261117/46			20:16																				
ZZZZZZ			20:22																				
ZZZZZZ			20:28																				
ZZZZZZ			20:35																				
ZZZZZZ			20:41																				
ZZZZZZ			20:48																				
ZZZZZZ			20:54																				
ZZZZZZ			21:01																				
ZZZZZZ			21:07																				
ZZZZZZ			21:14																				
ZZZZZZ			21:20																				
CCV 680-261117/57			21:26																				
CCB 680-261117/58			21:33																				
ZZZZZZ			21:39																				
ZZZZZZ			21:46																				
ZZZZZZ			21:52																				
ZZZZZZ			21:59																				
ZZZZZZ			22:05																				
ZZZZZZ			22:11																				
ZZZZZZ			22:18																				
ZZZZZZ			22:24																				
ZZZZZZ			22:31																				
ZZZZZZ			22:37																				
CCV 680-261117/69	1		22:44	X	X	X	X	X	X	X													
CCB 680-261117/70	1		22:50	X	X	X	X	X	X	X													
ZZZZZZ			22:57																				
ZZZZZZ			23:03																				
ZZZZZZ			23:09																				
ZZZZZZ			23:16																				
ZZZZZZ			23:22																				
ZZZZZZ			23:29																				
ZZZZZZ			23:35																				
MB 680-260769/1-A	1	T	23:42	X	X	X	X	X	X	X													
LCS 680-260769/2-A	1	T	23:48	X	X	X	X	X	X	X													
680-85980-46	1	T	23:55	X	X	X	X	X	X	X													
CCV 680-261117/81	1		00:01	X	X	X	X	X	X	X													
CCB 680-261117/82	1		00:08	X	X	X	X	X	X	X													
ZZZZZZ			00:14																				
680-86038-C-1-A SD ^5	5	T	00:20	X	X	X	X	X	X	X													

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Instrument ID: ICPE Method: 200.7 Rev 4.4

Start Date: 12/26/2012 15:26 End Date: 12/27/2012 03:47

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
680-86038-C-1-A PDS	1	T	00:27	X	X	X	X	X	X	X													
680-86038-C-1-B MS	1	T	00:33	X	X	X	X	X	X	X													
680-86038-C-1-C MSD	1	T	00:40	X	X	X	X	X	X	X													
ZZZZZZ			00:46																				
ZZZZZZ			00:53																				
ZZZZZZ			00:59																				
ZZZZZZ			01:05																				
ZZZZZZ			01:12																				
CCV 680-261117/93	1		01:18	X	X	X	X	X	X	X													
CCB 680-261117/94	1		01:25	X	X	X	X	X	X	X													
ZZZZZZ			01:31																				
ZZZZZZ			01:38																				
ZZZZZZ			01:44																				
ZZZZZZ			01:51																				
ZZZZZZ			01:57																				
ZZZZZZ			02:04																				
ZZZZZZ			02:10																				
ZZZZZZ			02:16																				
ZZZZZZ			02:23																				
ZZZZZZ			02:29																				
CCV 680-261117/105			02:36																				
CCB 680-261117/106			02:42																				
ZZZZZZ			02:49																				
ZZZZZZ			02:55																				
ZZZZZZ			03:02																				
ZZZZZZ			03:08																				
ZZZZZZ			03:14																				
ZZZZZZ			03:21																				
ZZZZZZ			03:27																				
CRI 680-261117/114			03:34																				
CCV 680-261117/115			03:40																				
CCB 680-261117/116			03:47																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Instrument ID: ICPE Method: 6010C

Start Date: 12/22/2012 11:54 End Date: 12/23/2012 04:53

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			11:54																				
ZZZZZZ			12:01																				
ZZZZZZ			12:07																				
ICV 680-260853/4	1		12:14	X	X	X	X	X	X	X													
ICBIS 680-260853/5	1		12:20	X	X	X	X	X	X	X													
CRI 680-260853/6	1		12:26	X	X	X	X	X	X	X													
ICSA 680-260853/7	1		12:33	X	X	X	X	X	X	X													
ICSAB 680-260853/8	1		12:39	X	X	X	X	X	X	X													
CCV 680-260853/9			12:52																				
CCB 680-260853/10			12:58																				
ZZZZZZ			13:05																				
ZZZZZZ			13:11																				
ZZZZZZ			13:17																				
ZZZZZZ			13:24																				
ZZZZZZ			13:30																				
ZZZZZZ			13:37																				
ZZZZZZ			13:43																				
ZZZZZZ			13:50																				
ZZZZZZ			13:56																				
ZZZZZZ			14:03																				
CCV 680-260853/21			14:09																				
CCB 680-260853/22			14:15																				
ZZZZZZ			14:22																				
ZZZZZZ			14:28																				
ZZZZZZ			14:35																				
ZZZZZZ			14:41																				
ZZZZZZ			14:48																				
ZZZZZZ			14:54																				
ZZZZZZ			15:01																				
ZZZZZZ			15:07																				
ZZZZZZ			15:13																				
ZZZZZZ			15:20																				
CCV 680-260853/33			15:26																				
CCB 680-260853/34			15:33																				
ZZZZZZ			15:39																				
ZZZZZZ			15:46																				
ZZZZZZ			15:52																				
ZZZZZZ			15:58																				
ZZZZZZ			16:05																				
ZZZZZZ			16:11																				
ZZZZZZ			16:18																				
ZZZZZZ			16:24																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Instrument ID: ICPE Method: 6010C

Start Date: 12/22/2012 11:54 End Date: 12/23/2012 04:53

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			16:31																				
ZZZZZZ			16:37																				
CCV 680-260853/45			16:44																				
CCB 680-260853/46			16:50																				
ZZZZZZ			16:56																				
ZZZZZZ			17:03																				
ZZZZZZ			17:09																				
ZZZZZZ			17:16																				
ZZZZZZ			17:22																				
ZZZZZZ			17:29																				
ZZZZZZ			17:35																				
ZZZZZZ			17:42																				
ZZZZZZ			17:48																				
ZZZZZZ			17:54																				
CCV 680-260853/57			18:01																				
CCB 680-260853/58			18:07																				
ZZZZZZ			18:14																				
ZZZZZZ			18:20																				
ZZZZZZ			18:27																				
ZZZZZZ			18:33																				
ZZZZZZ			18:39																				
ZZZZZZ			18:46																				
ZZZZZZ			18:52																				
ZZZZZZ			18:59																				
ZZZZZZ			19:05																				
ZZZZZZ			19:12																				
CCV 680-260853/69			19:18																				
CCB 680-260853/70			19:25																				
ZZZZZZ			19:31																				
ZZZZZZ			19:37																				
ZZZZZZ			19:44																				
ZZZZZZ			19:50																				
ZZZZZZ			19:57																				
ZZZZZZ			20:03																				
ZZZZZZ			20:10																				
ZZZZZZ			20:16																				
ZZZZZZ			20:23																				
ZZZZZZ			20:29																				
CCV 680-260853/81			20:36																				
CCB 680-260853/82			20:42																				
ZZZZZZ			20:48																				
ZZZZZZ			20:55																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Instrument ID: ICPE Method: 6010C

Start Date: 12/22/2012 11:54 End Date: 12/23/2012 04:53

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			21:01																				
ZZZZZZ			21:08																				
ZZZZZZ			21:14																				
ZZZZZZ			21:21																				
ZZZZZZ			21:27																				
ZZZZZZ			21:33																				
ZZZZZZ			21:40																				
ZZZZZZ			21:46																				
CCV 680-260853/93	1		21:53	X	X	X	X	X	X	X													
CCB 680-260853/94	1		21:59	X	X	X	X	X	X	X													
ZZZZZZ			22:06																				
MB 680-260659/1-A	1	T	22:12	X	X	X	X	X	X	X													
LCS 680-260659/2-A	1	T	22:19	X	X	X	X	X	X	X													
ZZZZZZ			22:25																				
680-85929-B-6-A SD ^5	5	T	22:32	X	X	X	X	X	X	X													
680-85929-B-6-A PDS	1	T	22:38	X	X	X	X	X	X	X													
ZZZZZZ			22:44																				
ZZZZZZ			22:51																				
ZZZZZZ			22:57																				
ZZZZZZ			23:04																				
CCV 680-260853/105	1		23:10	X	X	X	X	X	X	X													
CCB 680-260853/106	1		23:17	X	X	X	X	X	X	X													
ZZZZZZ			23:23																				
ZZZZZZ			23:30																				
ZZZZZZ			23:36																				
ZZZZZZ			23:42																				
ZZZZZZ			23:49																				
ZZZZZZ			23:55																				
ZZZZZZ			00:02																				
ZZZZZZ			00:08																				
ZZZZZZ			00:15																				
ZZZZZZ			00:21																				
CCV 680-260853/117			00:28																				
CCB 680-260853/118			00:34																				
ZZZZZZ			00:41																				
ZZZZZZ			00:47																				
ZZZZZZ			00:53																				
ZZZZZZ			01:00																				
ZZZZZZ			01:06																				
ZZZZZZ			01:13																				
ZZZZZZ			01:19																				
ZZZZZZ			01:26																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Instrument ID: ICPE Method: 6010C

Start Date: 12/22/2012 11:54 End Date: 12/23/2012 04:53

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	As	Ba	Cd	Cr	Pb	Se													
ZZZZZZ			01:32																				
ZZZZZZ			01:39																				
CCV 680-260853/129			01:45																				
CCB 680-260853/130			01:52																				
ZZZZZZ			01:58																				
ZZZZZZ			02:04																				
ZZZZZZ			02:11																				
ZZZZZZ			02:17																				
ZZZZZZ			02:24																				
ZZZZZZ			02:30																				
ZZZZZZ			02:37																				
ZZZZZZ			02:43																				
ZZZZZZ			02:50																				
ZZZZZZ			02:56																				
CCV 680-260853/141			03:03																				
CCB 680-260853/142			03:09																				
ZZZZZZ			03:16																				
ZZZZZZ			03:22																				
ZZZZZZ			03:28																				
ZZZZZZ			03:35																				
ZZZZZZ			03:41																				
ZZZZZZ			03:48																				
ZZZZZZ			03:54																				
ZZZZZZ			04:01																				
ZZZZZZ			04:07																				
ZZZZZZ			04:14																				
CCV 680-260853/153			04:20																				
CCB 680-260853/154			04:27																				
ZZZZZZ			04:33																				
ZZZZZZ			04:40																				
CCV 680-260853/157			04:46																				
CCB 680-260853/158			04:53																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Instrument ID: LEEMAN2 Method: 245.1

Start Date: 01/04/2013 15:59 End Date: 01/05/2013 11:12

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			15:59																				
ZZZZZZ			16:01																				
ZZZZZZ			16:04																				
ZZZZZZ			16:06																				
ZZZZZZ			16:09																				
ZZZZZZ			16:11																				
ICV 680-261972/7	1		16:13	X																			
ICB 680-261972/8	1		16:16	X																			
CRA 680-261972/9	1		16:18	X																			
CCV 680-261972/10			16:21																				
CCB 680-261972/11			16:23																				
ZZZZZZ			16:26																				
ZZZZZZ			16:28																				
ZZZZZZ			16:30																				
ZZZZZZ			16:33																				
ZZZZZZ			16:35																				
ZZZZZZ			16:38																				
ZZZZZZ			16:40																				
ZZZZZZ			16:42																				
ZZZZZZ			16:45																				
ZZZZZZ			16:47																				
CCV 680-261972/22			16:50																				
CCB 680-261972/23			16:52																				
ZZZZZZ			16:55																				
ZZZZZZ			16:57																				
ZZZZZZ			16:59																				
ZZZZZZ			17:02																				
ZZZZZZ			17:04																				
ZZZZZZ			17:07																				
ZZZZZZ			17:09																				
ZZZZZZ			17:12																				
ZZZZZZ			17:14																				
ZZZZZZ			17:16																				
CCV 680-261972/34			17:19																				
CCB 680-261972/35			17:21																				
ZZZZZZ			17:24																				
ZZZZZZ			17:26																				
ZZZZZZ			17:29																				
ZZZZZZ			17:31																				
ZZZZZZ			17:33																				
ZZZZZZ			17:36																				
ZZZZZZ			17:38																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Instrument ID: LEEMAN2 Method: 245.1

Start Date: 01/04/2013 15:59 End Date: 01/05/2013 11:12

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			17:41																				
ZZZZZZ			17:43																				
ZZZZZZ			17:46																				
CCV 680-261972/46			17:48																				
CCB 680-261972/47			17:50																				
ZZZZZZ			17:53																				
ZZZZZZ			17:55																				
ZZZZZZ			17:58																				
ZZZZZZ			18:00																				
ZZZZZZ			18:03																				
ZZZZZZ			18:05																				
ZZZZZZ			18:07																				
ZZZZZZ			18:10																				
ZZZZZZ			18:12																				
ZZZZZZ			18:15																				
CCV 680-261972/58			18:17																				
CCB 680-261972/59			18:19																				
ZZZZZZ			18:22																				
ZZZZZZ			18:24																				
ZZZZZZ			18:27																				
ZZZZZZ			18:29																				
ZZZZZZ			18:32																				
ZZZZZZ			18:34																				
ZZZZZZ			18:36																				
ZZZZZZ			18:39																				
ZZZZZZ			18:41																				
ZZZZZZ			18:44																				
CCV 680-261972/70			18:46																				
CCB 680-261972/71			18:49																				
ZZZZZZ			18:51																				
ZZZZZZ			18:53																				
ZZZZZZ			18:56																				
ZZZZZZ			18:58																				
ZZZZZZ			19:01																				
ZZZZZZ			19:03																				
ZZZZZZ			19:06																				
ZZZZZZ			19:08																				
ZZZZZZ			19:10																				
ZZZZZZ			19:13																				
CCV 680-261972/82			19:15																				
CCB 680-261972/83			19:18																				
ZZZZZZ			19:20																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Instrument ID: LEEMAN2 Method: 245.1

Start Date: 01/04/2013 15:59 End Date: 01/05/2013 11:12

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			19:23																				
ZZZZZZ			19:25																				
ZZZZZZ			19:27																				
ZZZZZZ			19:30																				
ZZZZZZ			19:32																				
ZZZZZZ			19:35																				
ZZZZZZ			19:37																				
ZZZZZZ			19:40																				
ZZZZZZ			19:42																				
CCV 680-261972/94			19:44																				
CCB 680-261972/95			19:47																				
ZZZZZZ			19:49																				
ZZZZZZ			19:52																				
ZZZZZZ			19:54																				
ZZZZZZ			19:57																				
ZZZZZZ			19:59																				
ZZZZZZ			20:01																				
ZZZZZZ			20:04																				
ZZZZZZ			20:06																				
ZZZZZZ			20:09																				
ZZZZZZ			20:11																				
CCV 680-261972/106			20:14																				
CCB 680-261972/107			20:16																				
ZZZZZZ			20:18																				
ZZZZZZ			20:21																				
ZZZZZZ			20:23																				
ZZZZZZ			20:26																				
ZZZZZZ			20:28																				
ZZZZZZ			20:31																				
ZZZZZZ			20:33																				
ZZZZZZ			20:36																				
ZZZZZZ			20:38																				
ZZZZZZ			20:40																				
CCV 680-261972/118	1		20:43	X																			
CCB 680-261972/119	1		20:45	X																			
ZZZZZZ			20:48																				
ZZZZZZ			20:50																				
ZZZZZZ			20:53																				
ZZZZZZ			20:55																				
ZZZZZZ			20:58																				
ZZZZZZ			21:00																				
ZZZZZZ			21:02																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Instrument ID: LEEMAN2 Method: 245.1

Start Date: 01/04/2013 15:59 End Date: 01/05/2013 11:12

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
MB 680-261590/1-A	1	T	21:05	X																			
LCS 680-261590/2-A	1	T	21:07	X																			
ZZZZZZ			21:10																				
CCV 680-261972/130	1		21:12	X																			
CCB 680-261972/131	1		21:15	X																			
ZZZZZZ			21:17																				
680-85982-R-1-I MS	1	T	21:19	X																			
680-85982-R-1-J MSD	1	T	21:22	X																			
ZZZZZZ			21:24																				
ZZZZZZ			21:27																				
ZZZZZZ			21:29																				
680-85980-46	1	T	21:32	X																			
ZZZZZZ			21:34																				
ZZZZZZ			21:37																				
ZZZZZZ			21:39																				
CCV 680-261972/142	1		21:41	X																			
CCB 680-261972/143	1		21:44	X																			
ZZZZZZ			21:46																				
ZZZZZZ			21:49																				
ZZZZZZ			21:51																				
ZZZZZZ			21:54																				
ZZZZZZ			21:56																				
ZZZZZZ			21:59																				
ZZZZZZ			22:01																				
ZZZZZZ			22:03																				
ZZZZZZ			22:06																				
ZZZZZZ			22:08																				
CCV 680-261972/154	1		22:11	X																			
CCB 680-261972/155	1		22:13	X																			
ZZZZZZ			22:16																				
ZZZZZZ			22:18																				
ZZZZZZ			22:21																				
ZZZZZZ			22:23																				
ZZZZZZ			22:25																				
ZZZZZZ			22:28																				
ZZZZZZ			22:30																				
ZZZZZZ			22:33																				
ZZZZZZ			22:35																				
ZZZZZZ			22:38																				
CCV 680-261972/166			22:40																				
CCB 680-261972/167			22:43																				
CCV 680-261972/168			22:45																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Instrument ID: LEEMAN2 Method: 245.1

Start Date: 01/04/2013 15:59 End Date: 01/05/2013 11:12

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
CCB 680-261972/169			22:48																				
ZZZZZZ			22:50																				
ZZZZZZ			22:52																				
ZZZZZZ			22:55																				
ZZZZZZ			22:57																				
CCV 680-261972/174			23:00																				
CCB 680-261972/175			23:02																				
CCV 680-261972/176			10:48																				
CCB 680-261972/177			10:50																				
ZZZZZZ			10:53																				
ZZZZZZ			10:55																				
ZZZZZZ			10:57																				
CCV 680-261972/181			11:00																				
CCB 680-261972/182			11:02																				
ZZZZZZ			11:05																				
ZZZZZZ			11:07																				
CCV 680-261972/185			11:10																				
CCB 680-261972/186			11:12																				

Prep Types
= TCLP
P = TCLP
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Instrument ID: LEEMAN2 Method: 7471B

Start Date: 12/31/2012 10:39 End Date: 12/31/2012 13:49

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			10:39																				
ZZZZZZ			10:42																				
ZZZZZZ			10:44																				
ZZZZZZ			10:46																				
ZZZZZZ			10:49																				
ZZZZZZ			10:51																				
ICV 680-261525/7	1		10:54	X																			
ICB 680-261525/8	1		10:56	X																			
CRA 680-261525/9	1		10:59	X																			
CCV 680-261525/10	1		11:04	X																			
CCB 680-261525/11	1		11:06	X																			
ZZZZZZ			11:08																				
ZZZZZZ			11:11																				
ZZZZZZ			11:13																				
ZZZZZZ			11:16																				
ZZZZZZ			11:18																				
ZZZZZZ			11:21																				
ZZZZZZ			11:23																				
LCS 680-261384/2-A	1	T	11:25	X																			
ZZZZZZ			11:28																				
ZZZZZZ			11:30																				
CCV 680-261525/22	1		11:33	X																			
CCB 680-261525/23	1		11:35	X																			
ZZZZZZ			11:37																				
ZZZZZZ			11:40																				
ZZZZZZ			11:42																				
ZZZZZZ			11:45																				
ZZZZZZ			11:47																				
ZZZZZZ			11:50																				
ZZZZZZ			11:52																				
ZZZZZZ			11:54																				
ZZZZZZ			11:57																				
680-85980-39	1	T	11:59	X																			
CCV 680-261525/34	1		12:02	X																			
CCB 680-261525/35	1		12:04	X																			
680-85980-39 MS	1	T	12:07	X																			
680-85980-39 MSD	1	T	12:09	X																			
ZZZZZZ			12:11																				
ZZZZZZ			12:14																				
ZZZZZZ			12:16																				
ZZZZZZ			12:19																				
ZZZZZZ			12:21																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Instrument ID: LEEMAN2 Method: 7471B

Start Date: 12/31/2012 10:39 End Date: 12/31/2012 13:49

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			12:24																				
LB 680-261384/23-A	1	T	12:26	X																			
ZZZZZZ			12:28																				
CCV 680-261525/46	1		12:31	X																			
CCB 680-261525/47	1		12:33	X																			
ZZZZZZ			12:36																				
ZZZZZZ			12:38																				
ZZZZZZ			12:41																				
ZZZZZZ			12:43																				
ZZZZZZ			12:45																				
ZZZZZZ			12:48																				
ZZZZZZ			12:50																				
ZZZZZZ			12:53																				
ZZZZZZ			12:55																				
ZZZZZZ			12:58																				
CCV 680-261525/58			13:00																				
CCB 680-261525/59			13:03																				
ZZZZZZ			13:05																				
ZZZZZZ			13:07																				
ZZZZZZ			13:10																				
ZZZZZZ			13:12																				
ZZZZZZ			13:15																				
ZZZZZZ			13:17																				
ZZZZZZ			13:19																				
ZZZZZZ			13:22																				
ZZZZZZ			13:24																				
CCV 680-261525/69	1		13:27	X																			
CCB 680-261525/70	1		13:29	X																			
ZZZZZZ			13:34																				
MB 680-261384/1-A	1	T	13:37	X																			
ZZZZZZ			13:39																				
ZZZZZZ			13:41																				
ZZZZZZ			13:44																				
CCV 680-261525/76	1		13:46	X																			
CCB 680-261525/77	1		13:49	X																			

Prep Types

T = Total/NA

Blank (Blk) **12/26/2012, 3:26:16 PM** **Rack S, Tube 1**

Label	Replicates		Concentration
Ag 328.068	-0.2949	0.1032	0.1918
Al 308.215	-0.4151	0.2184	0.1967
As 188.980	-0.5575	-2.2555	2.8130
B 249.678	0.0436	-0.0574	0.0138
Ba 389.178	-0.6704	-0.0354	0.7058
Be 313.042	0.0000	0.0014	-0.0015
Ca 370.602	-1.261	-2.058	3.319
Cd 226.502	-0.0614	0.0117	0.0497
Co 228.615	-0.3740	0.0302	0.3438
Cr 267.716	-0.0383	-0.0866	0.1249
Cu 324.754	-0.1692	0.0848	0.0845
Fe 271.441	0.6069	1.8630	-2.4699
K 766.491	-1.0725	-1.2746	2.3471
Mg 279.078	-0.1239	-0.2161	0.3400
Mn 257.610	-0.0115	-0.0854	0.0969
Mo 202.032	0.0783	-0.1737	0.0954
Na 330.237	11.1401	-18.5885	7.4484
Ni 231.604	-0.4481	0.2268	0.2213
Pb 220.353	0.0636	0.8077	-0.8714
Sb 206.834	-2.2426	2.1882	0.0544
Se 196.026	-0.8997	-0.2091	1.1088
Sn 189.925	-0.2997	0.1091	0.1906
Sr 216.596	-0.5554	0.1039	0.4515
Ti 334.941	0.0482	-0.0021	-0.0461
Tl 190.794	-0.8480	-1.3380	2.1860
V 292.401	-0.0386	-0.1678	0.2064
Zn 206.200	0.2350	-0.7398	0.5048

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.0000	ppb	11.183	447.4	-2.4996
Al 308.215	0.0000	ppb	1.223	4.9	24.8092
As 188.980	0.0000	ppb	1.611	57.9	-2.7838
B 249.678	0.0000	ppb	0.583	2.0	29.4859
Ba 389.178	0.0000	ppb	9.968	117.5	-8.4797
Be 313.042	0.0000	ppb	1.638	2.2	-75.1049
Ca 370.602	0.0000	ppb	8.320	22.1	37.56
Cd 226.502	0.0000	ppb	1.923	26.3	7.3198
Co 228.615	0.0000	ppb	3.360	52.1	-6.4484
Cr 267.716	0.0000	ppb	3.756	23.2	16.1948
Cu 324.754	0.0000	ppb	8.325	2.6	324.949
Fe 271.441	0.0000	ppb	2.440	18.8	-13.0119
K 766.491	0.0000	ppb	71.304	18.1	393.145
Mg 279.078	0.0000	ppb	0.537	5.0	10.8343
Mn 257.610	0.0000	ppb	5.171	13.3	38.8444
Mo 202.032	0.0000	ppb	0.899	27.1	3.3146
Na 330.237	0.0000	ppb	0.674	41.1	-1.6390
Ni 231.604	0.0000	ppb	0.952	12.0	7.9166
Pb 220.353	0.0000	ppb	1.089	96.7	1.1261
Sb 206.834	0.0000	ppb	2.921	241.2	1.2113
Se 196.026	0.0000	ppb	0.348	76.8	0.4528
Sn 189.925	0.0000	ppb	0.171	11.3	-1.5141
Sr 216.596	0.0000	ppb	4.727	798.0	0.5924
Ti 334.941	0.0000	ppb	4.604	21.3	-21.5987
Tl 190.794	0.0000	ppb	1.035	62.9	-1.6443
V 292.401	0.0000	ppb	3.788	171.7	-2.2064
Zn 206.200	0.0000	ppb	0.566	9.6	5.9204

HIGH STD (Std) **12/26/2012, 3:32:42 PM** **Rack S, Tube 2**

Label	Replicates Concentration		
Ag 328.068	999.777	1000.49	999.734
Al 308.215	9966.55	9989.42	10044.0
As 188.980	999.620	1003.94	996.439
B 249.678	4989.33	5006.08	5004.59
Ba 389.178	9992.64	10006.8	10000.6
Be 313.042	999.323	1001.11	999.569
Ca 370.602	9967	10019	10014
Cd 226.502	997.940	1001.23	1000.83
Co 228.615	998.985	1000.36	1000.65
Cr 267.716	10001.6	10003.6	9994.82
Cu 324.754	10016.8	10039.8	9943.43
Fe 271.441	10003.4	9992.93	10003.7
K 766.491	20016.0	19964.8	20019.2
Mg 279.078	9995.38	10007.1	9997.55
Mn 257.610	10014.8	9996.85	9988.33
Mo 202.032	996.551	1003.21	1000.24
Na 330.237	15068.6	15016.3	14915.0
Ni 231.604	4988.74	5015.14	4996.12
Pb 220.353	996.440	1002.95	1000.61
Sb 206.834	1000.74	1000.13	999.128
Se 196.026	10029.3	9985.23	9985.46
Sn 189.925	9979.47	10011.3	10009.2
Sr 216.596	4993.97	5006.13	4999.91
Ti 334.941	1002.52	1002.30	995.171
Tl 190.794	9911.00	10020.6	10068.4
V 292.401	10001.1	9995.84	10003.0
Zn 206.200	4980.77	5014.93	5004.30

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	1000.00	ppb	18.272	0.0	43134.7
Al 308.215	10000.0	ppb	135.390	0.4	34034.7
As 188.980	1000.00	ppb	2.350	0.4	621.534
B 249.678	5000.00	ppb	104.296	0.2	56261.8
Ba 389.178	10000.0	ppb	102.717	0.1	144698
Be 313.042	1000.00	ppb	1083.605	0.1	1119507
Ca 370.602	10000	ppb	82.968	0.3	28710
Cd 226.502	1000.00	ppb	61.193	0.2	34084.8
Co 228.615	1000.00	ppb	8.319	0.1	9331.15
Cr 267.716	10000.0	ppb	155.826	0.0	338845
Cu 324.754	10000.0	ppb	2857.685	0.5	568276
Fe 271.441	10000.0	ppb	6.706	0.1	10933.8
K 766.491	20000.0	ppb	1069.756	0.2	701117
Mg 279.078	10000.0	ppb	11.209	0.1	18026.7
Mn 257.610	10000.0	ppb	762.429	0.1	564063
Mo 202.032	1000.00	ppb	19.907	0.3	5972.44
Na 330.237	15000.0	ppb	3.247	0.5	622.076
Ni 231.604	5000.00	ppb	33.412	0.3	12272.2
Pb 220.353	1000.00	ppb	4.271	0.3	1295.64
Sb 206.834	1000.00	ppb	1.072	0.1	1319.54
Se 196.026	10000.0	ppb	8.645	0.3	3406.00
Sn 189.925	10000.0	ppb	11.599	0.2	6512.85
Sr 216.596	5000.00	ppb	56.194	0.1	46214.1
Ti 334.941	1000.00	ppb	408.386	0.4	97604.3
Tl 190.794	10000.0	ppb	43.750	0.8	5419.10
V 292.401	10000.0	ppb	74.226	0.0	199310
Zn 206.200	5000.00	ppb	15.126	0.3	4332.14

Ag 328.068 Calibration (ppb) **12/26/2012, 3:32:42 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-2.4996	0.0000	0.0000	-	-
HIGH STD		43134.7	1000.00	1000.00	0.0001	0.0

Curve Type: Linear Equation: y = 43.1 x + -2.5

Al 308.215 Calibration (ppb) **12/26/2012, 3:32:42 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		24.8092	0.0000	0.0000	-	-
HIGH STD		34034.7	10000.0	10000.00	-0.0010	0.0

Curve Type: Linear Equation: y = 3.4 x + 24.8

As 188.980 Calibration (ppb) **12/26/2012, 3:32:42 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-2.7838	0.0000	0.0000	-	-
HIGH STD		621.534	1000.00	1000.00	0.0000	0.0

Curve Type: Linear Equation: y = 0.6 x + -2.8

B 249.678 Calibration (ppb) **12/26/2012, 3:32:42 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		29.4859	0.0000	0.0000	-	-
HIGH STD		56261.8	5000.00	5000.00	0.0000	0.0

Curve Type: Linear Equation: y = 11.2 x + 29.5

Ba 389.178 Calibration (ppb) **12/26/2012, 3:32:42 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-8.4797	0.0000	0.0000	-	-
HIGH STD		144698	10000.0	10000.0	0.0010	0.0

Curve Type: Linear Equation: y = 14.5 x + -8.5

Be 313.042 Calibration (ppb) **12/26/2012, 3:32:42 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-75.1049	0.0000	0.0000	-	-
HIGH STD		1119507	1000.00	1000.00	0.0001	0.0

Curve Type: Linear Equation: y = 1119.6 x + -75.1

Ca 370.602 Calibration (ppb) **12/26/2012, 3:32:42 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		37.56	0.0000	0.0000	-	-
HIGH STD		28710	10000	10000	0.0000	0.0

Curve Type: Linear Equation: y = 2.9 x + 37.6

Cd 226.502 Calibration (ppb) 12/26/2012, 3:32:42 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.3198	0.0000	0.0000	-	-
HIGH STD		34084.8	1000.00	1000.000	-0.0001	0.0

Curve Type: Linear Equation: y = 34.1 x + 7.3

Co 228.615 Calibration (ppb) 12/26/2012, 3:32:42 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-6.4484	0.0000	0.0000	-	-
HIGH STD		9331.15	1000.00	1000.000	-0.0001	0.0

Curve Type: Linear Equation: y = 9.3 x + -6.4

Cr 267.716 Calibration (ppb) 12/26/2012, 3:32:42 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		16.1948	0.0000	0.0000	-	-
HIGH STD		338845	10000.0	10000.0	0.0010	0.0

Curve Type: Linear Equation: y = 33.9 x + 16.2

Cu 324.754 Calibration (ppb) 12/26/2012, 3:32:42 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		324.949	0.0000	0.0000	-	-
HIGH STD		568276	10000.0	10000.0	0.0000	0.0

Curve Type: Linear Equation: y = 56.8 x + 324.9

Fe 271.441 Calibration (ppb) 12/26/2012, 3:32:42 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-13.0119	0.0000	0.0000	-	-
HIGH STD		10933.8	10000.0	10000.0	0.0010	0.0

Curve Type: Linear Equation: y = 1.1 x + -13.0

K 766.491 Calibration (ppb) 12/26/2012, 3:32:42 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		393.145	0.0000	0.0000	-	-
HIGH STD		701117	20000.0	20000.0	-0.0020	0.0

Curve Type: Linear Equation: y = 35.0 x + 393.1

Mg 279.078 Calibration (ppb) 12/26/2012, 3:32:42 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		10.8343	0.0000	0.0000	-	-
HIGH STD		18026.7	10000.0	10000.0	0.0000	0.0

Curve Type: Linear Equation: y = 1.8 x + 10.8

Mn 257.610 Calibration (ppb) 12/26/2012, 3:32:42 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		38.8444	0.0000	0.0000	-	-
HIGH STD		564063	10000.0	10000.00	-0.0010	0.0

Curve Type: Linear Equation: y = 56.4 x + 38.8

Mo 202.032 Calibration (ppb) 12/26/2012, 3:32:42 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.3146	0.0000	0.0000	-	-
HIGH STD		5972.44	1000.00	1000.00	0.0001	0.0

Curve Type: Linear Equation: y = 6.0 x + 3.3

Na 330.237 Calibration (ppb) 12/26/2012, 3:32:42 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-1.6390	0.0000	0.0000	-	-
HIGH STD		622.076	15000.0	15000.0	-0.0010	0.0

Curve Type: Linear Equation: y = 0.0 x + -1.6

Ni 231.604 Calibration (ppb) 12/26/2012, 3:32:42 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		7.9166	0.0000	0.0000	-	-
HIGH STD		12272.2	5000.00	5000.00	-0.0005	0.0

Curve Type: Linear Equation: y = 2.5 x + 7.9

Pb 220.353 Calibration (ppb) 12/26/2012, 3:32:42 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.1261	0.0000	0.0000	-	-
HIGH STD		1295.64	1000.00	1000.00	0.0001	0.0

Curve Type: Linear Equation: y = 1.3 x + 1.1

Sb 206.834 Calibration (ppb) 12/26/2012, 3:32:42 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.2113	0.0000	0.0000	-	-
HIGH STD		1319.54	1000.00	1000.00	0.0000	0.0

Curve Type: Linear Equation: y = 1.3 x + 1.2

Se 196.026 Calibration (ppb) 12/26/2012, 3:32:42 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		0.4528	0.0000	0.0000	-	-
HIGH STD		3406.00	10000.0	10000.0	0.0000	0.0

Curve Type: Linear Equation: y = 0.3 x + 0.5

Sn 189.925 Calibration (ppb) **12/26/2012, 3:32:42 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-1.5141	0.0000	0.0000	-	-
HIGH STD		6512.85	10000.0	10000.0	0.0000	0.0

Curve Type: Linear Equation: y = 0.7 x + -1.5

Sr 216.596 Calibration (ppb) **12/26/2012, 3:32:42 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		0.5924	0.0000	0.0000	-	-
HIGH STD		46214.1	5000.00	5000.00	0.0000	0.0

Curve Type: Linear Equation: y = 9.2 x + 0.6

Ti 334.941 Calibration (ppb) **12/26/2012, 3:32:42 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-21.5987	0.0000	0.0000	-	-
HIGH STD		97604.3	1000.00	1000.00	0.0000	0.0

Curve Type: Linear Equation: y = 97.6 x + -21.6

Tl 190.794 Calibration (ppb) **12/26/2012, 3:32:42 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-1.6443	0.0000	0.0000	-	-
HIGH STD		5419.10	10000.0	10000.0	0.0010	0.0

Curve Type: Linear Equation: y = 0.5 x + -1.6

V 292.401 Calibration (ppb) **12/26/2012, 3:32:42 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-2.2064	0.0000	0.0000	-	-
HIGH STD		199310	10000.0	10000.0	0.0000	0.0

Curve Type: Linear Equation: y = 19.9 x + -2.2

Zn 206.200 Calibration (ppb) **12/26/2012, 3:32:42 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.9204	0.0000	0.0000	-	-
HIGH STD		4332.14	5000.00	5000.00	0.0005	0.0

Curve Type: Linear Equation: y = 0.9 x + 5.9

680-85958-a-1-a ^50 (Samp) **12/26/2012, 4:30:36 PM** **Rack 1, Tube 3**

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

Label	Replicates Concentration		
Ag 328.068	14.8666	14.5593	14.2794
Al 308.215	835.958	829.918	829.329
As 188.980	12.1711	14.5146	18.5382
B 249.678	19.0164	19.3538	18.3371
Ba 389.178	54.7542	54.0719	53.4357

Label	Replicates Concentration		
Be 313.042	0.0142	0.0145	0.0211
Ca 370.602	8654	8628	8612
Cd 226.502	138.587	136.651	135.831
Co 228.615	5.3365	5.3125	5.1347
Cr 267.716	1080.22	1066.93	1059.97
Cu 324.754	849.561	844.260	832.349
Fe 271.441	79176.9	78335.1	78023.3
K 766.491	1475.37	1464.03	1456.00
Mg 279.078	4150.06	4107.92	4072.89
Mn 257.610	8289.44	8167.17	8066.59
Mo 202.032	28.1666	27.2185	27.0221
Na 330.237	-26.6519u	-111.236u	-138.181u
Ni 231.604	114.165	112.453	110.373
Pb 220.353	2604.78	2575.66	2574.95
Sb 206.834	28.9815	27.7065	27.2463
Se 196.026	2.9409	6.7091	15.3456
Sn 189.925	93.8710	88.1235	93.7860
Sr 216.596	4.9734	3.9357	4.3625
Ti 334.941	57.6245	56.6588	55.8843
Tl 190.794	7.5331	3.1241	5.3790
V 292.401	75.9696	75.2408	75.0612
Zn 206.200	34250.0x	33824.3x	33654.6x

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	14.5685b	ppb	0.2937	2.0	612.505
Al 308.215	831.735b	ppb	3.6690	0.4	2857.23
As 188.980	15.0746b	ppb	3.2203	21.4	6.6206
B 249.678	18.9024b	ppb	0.5178	2.7	199.551
Ba 389.178	54.0873b	ppb	0.6594	1.2	789.655
Be 313.042	0.0166b	ppb	0.0039	23.3	-53.3407
Ca 370.602	8631b	ppb	20.85	0.2	1102
Cd 226.502	137.023b	ppb	1.4153	1.0	4871.30
Co 228.615	5.2613b	ppb	0.1102	2.1	45.9443
Cr 267.716	1069.04b	ppb	10.2862	1.0	36255.1
Cu 324.754	842.057b	ppb	8.8152	1.0	48150.3
Fe 271.441	78511.8b	ppb	596.745	0.8	85934.4
K 766.491	1465.13b	ppb	9.7321	0.7	51725.8
Mg 279.078	4110.29b	ppb	38.6374	0.9	7343.78
Mn 257.610	8174.40b	ppb	111.603	1.4	461139
Mo 202.032	27.4691b	ppb	0.6120	2.2	164.025
Na 330.237	-92.0226b	ppb	58.1939	63.2	-190.189
Ni 231.604	112.331b	ppb	1.8989	1.7	286.051
Pb 220.353	2585.13b	ppb	17.0204	0.7	3350.55
Sb 206.834	27.9781b	ppb	0.8989	3.2	44.7643
Se 196.026	8.3319b	ppb	6.3596	76.3	3.5005
Sn 189.925	91.9268b	ppb	3.2941	3.6	58.3685
Sr 216.596	4.4239b	ppb	0.5216	11.8	167.854
Ti 334.941	56.7225b	ppb	0.8718	1.5	5537.61
Tl 190.794	5.3454b	ppb	2.2047	41.2	0.4362
V 292.401	75.4239b	ppb	0.4810	0.6	1487.85
Zn 206.200	33909.6xb	ppb	306.736	0.9	29342.5

680-85980-c-39-a (Samp) **12/26/2012, 4:37:02 PM** **Rack 1, Tube 4**

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

Label	Replicates Concentration		
Ag 328.068	0.3449u	0.9257u	0.6154u
Al 308.215	118186	117654	116364

Label	Replicates Concentration		
As 188.980	273.339	278.610	268.494
B 249.678	9.2006u	10.8487u	12.8925u
Ba 389.178	1784.91	1786.34	1787.42
Be 313.042	13.5395	13.5650	13.5761
Ca 370.602	112268	112265	112165
Cd 226.502	13.9542	14.1700	14.5820
Co 228.615	84.8431	84.3489	83.5941
Cr 267.716	280.997	281.643	282.382
Cu 324.754	505.629	505.328	503.885
Fe 271.441	293366	293503	292693
K 766.491	18311.1	18328.1	18275.9
Mg 279.078	25572.6	25616.2	25702.3
Mn 257.610	10252.8	10341.0	10465.0
Mo 202.032	15.1236	15.6905	15.8475
Na 330.237	1013.20u	1113.86u	1193.14u
Ni 231.604	136.420	136.788	136.245
Pb 220.353	1879.92	1877.23	1865.49
Sb 206.834	23.9245	21.1800	28.9285
Se 196.026	14.5506	26.9764	13.3404
Sn 189.925	90.4412	89.6217	88.2037
Sr 216.596	422.117	422.703	424.356
Ti 334.941	2541.71	2555.89	2590.82
Tl 190.794	16.6831u	21.4310u	18.2059u
V 292.401	295.126	294.655	294.156
Zn 206.200	3658.59	3656.96	3673.26

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.6287	ppb	0.2906	46.2	-28.2772
Al 308.215	117401	ppb	936.973	0.8	399317
As 188.980	273.481	ppb	5.0595	1.9	167.952
B 249.678	10.9806	ppb	1.8495	16.8	-6.0187
Ba 389.178	1786.22	ppb	1.2619	0.1	25897.2
Be 313.042	13.5602	ppb	0.0188	0.1	15188.8
Ca 370.602	112233	ppb	58.76	0.1	232788
Cd 226.502	14.2354	ppb	0.3190	2.2	1241.27
Co 228.615	84.2621	ppb	0.6290	0.7	837.274
Cr 267.716	281.674	ppb	0.6930	0.2	9627.65
Cu 324.754	504.947	ppb	0.9323	0.2	29033.9
Fe 271.441	293187	ppb	433.444	0.1	320943
K 766.491	18305.0	ppb	26.5975	0.1	641732
Mg 279.078	25630.4	ppb	65.9766	0.3	46098.3
Mn 257.610	10352.9	ppb	106.593	1.0	584144
Mo 202.032	15.5539	ppb	0.3808	2.4	86.6166
Na 330.237	1106.73	ppb	90.1791	8.1	-43.7896
Ni 231.604	136.484	ppb	0.2770	0.2	352.663
Pb 220.353	1874.21	ppb	7.6746	0.4	2430.87
Sb 206.834	24.6777	ppb	3.9288	15.9	41.8393
Se 196.026	18.2891	ppb	7.5477	41.3	7.4673
Sn 189.925	89.4222	ppb	1.1320	1.3	56.7626
Sr 216.596	423.059	ppb	1.1609	0.3	4402.34
Ti 334.941	2562.81	ppb	25.2788	1.0	250194
Tl 190.794	18.7733	ppb	2.4243	12.9	-5.9024
V 292.401	294.645	ppb	0.4851	0.2	5952.40
Zn 206.200	3662.94	ppb	8.9756	0.2	3175.42

680-85980-c-39-b ms (Samp) **12/26/2012, 4:43:28 PM** **Rack 1, Tube 5**

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

Label	Replicates Concentration		
Ag 328.068	50.5511	50.4104	49.8021
Al 308.215	129221	129494	130448
As 188.980	390.121	388.486	389.671
B 249.678	190.244	191.431	190.037
Ba 389.178	1943.40	1940.10	1943.43
Be 313.042	66.0064	65.9469	65.9973
Ca 370.602	114499	114434	114585
Cd 226.502	62.9273	62.4935	62.1401
Co 228.615	137.624	136.841	138.791
Cr 267.716	404.557	403.269	402.995
Cu 324.754	643.098	647.979	648.598
Fe 271.441	324767	324557	325160
K 766.491	23497.2	23475.0	23445.5
Mg 279.078	33136.0	33080.4	33103.0
Mn 257.610	11432.3	11336.3	11300.3
Mo 202.032	110.862	111.115	110.471
Na 330.237	6074.02	6251.83	6055.51
Ni 231.604	243.690	242.905	240.400
Pb 220.353	1882.67	1882.45	1893.84
Sb 206.834	58.5466	58.8868	58.1860
Se 196.026	102.619	118.948	117.740
Sn 189.925	214.905	215.686	215.972
Sr 216.596	520.721	520.330	519.980
Ti 334.941	2797.31	2783.63	2770.27
Tl 190.794	49.3083	57.8805	53.2010
V 292.401	421.420	421.702	421.003
Zn 206.200	3829.38	3838.80	3838.86

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	50.2545	ppb	0.3981	0.8	2106.45
Al 308.215	129721	ppb	644.179	0.5	441225
As 188.980	389.426	ppb	0.8443	0.2	240.313
B 249.678	190.571	ppb	0.7523	0.4	1996.51
Ba 389.178	1942.31	ppb	1.9118	0.1	28168.0
Be 313.042	65.9835	ppb	0.0321	0.0	73887.8
Ca 370.602	114506	ppb	75.90	0.1	229652
Cd 226.502	62.5203	ppb	0.3943	0.6	2967.12
Co 228.615	137.752	ppb	0.9814	0.7	1339.38
Cr 267.716	403.607	ppb	0.8345	0.2	13765.8
Cu 324.754	646.558	ppb	3.0124	0.5	37080.3
Fe 271.441	324828	ppb	306.036	0.1	355585
K 766.491	23472.5	ppb	25.9152	0.1	822781
Mg 279.078	33106.4	ppb	27.9542	0.1	59559.0
Mn 257.610	11356.3	ppb	68.2753	0.6	640760
Mo 202.032	110.816	ppb	0.3243	0.3	654.153
Na 330.237	6127.12	ppb	108.396	1.8	156.617
Ni 231.604	242.332	ppb	1.7182	0.7	613.521
Pb 220.353	1886.32	ppb	6.5137	0.3	2446.78
Sb 206.834	58.5398	ppb	0.3505	0.6	86.8075
Se 196.026	113.102	ppb	9.0987	8.0	39.8417
Sn 189.925	215.521	ppb	0.5521	0.3	138.908
Sr 216.596	520.344	ppb	0.3709	0.1	5349.50
Ti 334.941	2783.74	ppb	13.5218	0.5	271765
Tl 190.794	53.4633	ppb	4.2921	8.0	11.2982
V 292.401	421.375	ppb	0.3517	0.1	8475.79
Zn 206.200	3835.68	ppb	5.4548	0.1	3324.66

680-85980-c-39-c msd (Samp) **12/26/2012, 4:49:54 PM** **Rack 1, Tube 6**

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

Label	Replicates Concentration		
Ag 328.068	51.1362	49.4335	51.2684
Al 308.215	129753	130421	130373
As 188.980	409.474	408.825	403.804
B 249.678	190.296	187.659	188.589
Ba 389.178	1974.34	1981.21	1981.00
Be 313.042	65.0047	65.1935	65.1585
Ca 370.602	108551	108874	108824
Cd 226.502	62.6942	62.8700	62.7631
Co 228.615	137.540	137.603	135.880
Cr 267.716	403.175	404.223	404.342
Cu 324.754	678.217	684.095	678.125
Fe 271.441	328614	330046	329901
K 766.491	22714.9	22793.5	22797.3
Mg 279.078	28896.4	29011.9	28933.0
Mn 257.610	9724.44	9728.50	9769.81
Mo 202.032	109.747	109.887	110.353
Na 330.237	6321.21	6162.27	6325.43
Ni 231.604	242.226	244.482	243.495
Pb 220.353	2188.64	2184.94	2171.69
Sb 206.834	69.1728	74.4077	71.0323
Se 196.026	107.818	120.964	113.343
Sn 189.925	206.186	205.264	204.005
Sr 216.596	565.104	567.637	565.502
Ti 334.941	2879.61	2877.35	2882.18
Tl 190.794	48.4049	48.4788	48.0442
V 292.401	417.645	419.611	419.182
Zn 206.200	4104.57	4099.40	4089.83

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	50.6127	ppb	1.0233	2.0	2120.88
Al 308.215	130182	ppb	372.700	0.3	442793
As 188.980	407.367	ppb	3.1029	0.8	251.515
B 249.678	188.848	ppb	1.3378	0.7	1974.78
Ba 389.178	1978.85	ppb	3.9042	0.2	28694.5
Be 313.042	65.1189	ppb	0.1005	0.2	72920.8
Ca 370.602	108750	ppb	174.4	0.2	211780
Cd 226.502	62.7758	ppb	0.0886	0.1	2986.05
Co 228.615	137.008	ppb	0.9772	0.7	1334.70
Cr 267.716	403.913	ppb	0.6422	0.2	13777.2
Cu 324.754	680.145	ppb	3.4208	0.5	38989.3
Fe 271.441	329520	ppb	788.468	0.2	360721
K 766.491	22768.6	ppb	46.5339	0.2	798116
Mg 279.078	28947.1	ppb	59.0355	0.2	52081.1
Mn 257.610	9740.91	ppb	25.1037	0.3	549646
Mo 202.032	109.996	ppb	0.3172	0.3	649.073
Na 330.237	6269.64	ppb	93.0086	1.5	160.090
Ni 231.604	243.401	ppb	1.1311	0.5	616.156
Pb 220.353	2181.76	ppb	8.9156	0.4	2829.06
Sb 206.834	71.5376	ppb	2.6538	3.7	104.029
Se 196.026	114.042	ppb	6.6007	5.8	40.1732
Sn 189.925	205.152	ppb	1.0948	0.5	132.151
Sr 216.596	566.081	ppb	1.3623	0.2	5779.11
Ti 334.941	2879.71	ppb	2.4194	0.1	281135
Tl 190.794	48.3093	ppb	0.2325	0.5	7.3141
V 292.401	418.813	ppb	1.0338	0.2	8430.16
Zn 206.200	4097.93	ppb	7.4806	0.2	2551.51

E12262012B.wvq. All Data Report 12/27/2012, 2:42:00 PM

680-85971-a-1-a ^50 (Samp) **12/26/2012, 4:56:21 PM** **Rack 1, Tube 7**

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

Label	Replicates Concentration		
Ag 328.068	0.1254	0.0556	0.1221
Al 308.215	-6.7259u	-7.2585u	-7.6437u
As 188.980	3.0019	3.2923	2.4434
B 249.678	-0.4922u	-0.5676u	-0.6056u
Ba 389.178	-0.3771u	-0.4112u	-0.4398u
Be 313.042	-0.0400u	-0.0345u	-0.0356u
Ca 370.602	-9.003u	-8.712u	-7.928u
Cd 226.502	-0.1099u	-0.1767u	-0.2093u
Co 228.615	0.3125	0.3317	0.4950
Cr 267.716	-0.1884u	-0.2211u	-0.2341u
Cu 324.754	-3.3373u	-3.4065u	-3.3308u
Fe 271.441	13.4445	14.1506	13.3413
K 766.491	-8.1282u	-8.5172u	-8.3801u
Mg 279.078	-6.2342u	-6.6885u	-6.9781u
Mn 257.610	-0.5001u	-0.4751u	-0.4748u
Mo 202.032	-0.2837u	-0.2782u	-0.3487u
Na 330.237	197.449	197.332	174.329
Ni 231.604	-1.4513u	-1.7043u	-1.4511u
Pb 220.353	0.9087	0.8212	-0.1366u
Sb 206.834	-0.7041u	-0.1775u	-0.8534u
Se 196.026	-0.2962u	0.5893	4.7771
Sn 189.925	0.7242	0.6144	0.5587
Sr 216.596	0.0619	0.0186	0.0341
Ti 334.941	0.6239	0.5290	0.4173
Tl 190.794	0.6001	1.5131	1.2178
V 292.401	-0.0312u	0.0236	0.0061
Zn 206.200	-4.1164u	-4.2192u	-4.2181u

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.1010	ppb	0.0394	39.0	1.8566
Al 308.215	-7.2094	ppb	0.4609	6.4	0.2878
As 188.980	2.9125	ppb	0.4315	14.8	-0.9654
B 249.678	-0.5551	ppb	0.0577	10.4	23.2411
Ba 389.178	-0.4093	ppb	0.0314	7.7	-14.4080
Be 313.042	-0.0367	ppb	0.0029	7.8	-116.183
Ca 370.602	-8.548	ppb	0.5561	6.5	12.14
Cd 226.502	-0.1653	ppb	0.0507	30.6	1.6825
Co 228.615	0.3797	ppb	0.1003	26.4	-2.8894
Cr 267.716	-0.2145	ppb	0.0235	11.0	8.9300
Cu 324.754	-3.3582	ppb	0.0420	1.2	134.221
Fe 271.441	13.6455	ppb	0.4405	3.2	1.9543
K 766.491	-8.3418	ppb	0.1973	2.4	100.878
Mg 279.078	-6.6336	ppb	0.3750	5.7	-1.1054
Mn 257.610	-0.4833	ppb	0.0145	3.0	11.5777
Mo 202.032	-0.3035	ppb	0.0392	12.9	1.5012
Na 330.237	189.703	ppb	13.3143	7.0	6.2717
Ni 231.604	-1.5356	ppb	0.1461	9.5	4.1512
Pb 220.353	0.5311	ppb	0.5799	109.2	1.8156
Sb 206.834	-0.5783	ppb	0.3551	61.4	0.4489
Se 196.026	1.6900	ppb	2.7099	160.3	1.0284
Sn 189.925	0.6324	ppb	0.0842	13.3	-1.1021
Sr 216.596	0.0382	ppb	0.0219	57.4	1.0149
Ti 334.941	0.5234	ppb	0.1034	19.8	29.4920
Tl 190.794	1.1103	ppb	0.4659	42.0	-1.0421
V 292.401	-0.0005	ppb	0.0280	5796.4	-2.1861
Zn 206.200	-4.1846	ppb	0.0500	1.4	3.3004

680-85986-a-1-c msd (Samp) **12/26/2012, 5:02:48 PM** **Rack 1, Tube 8**

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

Label	Replicates Concentration		
Ag 328.068	49.0685	48.8301	48.6210
Al 308.215	4919.62	4945.59	4952.29
As 188.980	103.250	105.381	106.595
B 249.678	208.798	208.172	207.894
Ba 389.178	132.785	132.832	131.257
Be 313.042	52.2219	52.0809	52.0175
Ca 370.602	18120	18094	18112
Cd 226.502	50.5372	50.0844	50.0394
Co 228.615	51.8982	50.1969	50.4091
Cr 267.716	105.359	105.123	104.935
Cu 324.754	135.052	134.837	136.806
Fe 271.441	5795.53	5792.41	5790.45
K 766.491	15588.7	15602.6	15617.9
Mg 279.078	9640.58	9616.60	9579.39
Mn 257.610	572.619	568.311	564.589
Mo 202.032	99.6047	99.7550	100.804
Na 330.237	21531.8	21425.8	21683.4
Ni 231.604	105.769	104.873	106.481
Pb 220.353	52.7741	50.6420	52.3889
Sb 206.834	47.2974	48.1935	47.9856
Se 196.026	104.598	101.215	97.2271
Sn 189.925	100.653	94.8490	96.3216
Sr 216.596	279.480	277.567	278.614
Ti 334.941	104.405	103.726	102.841
Tl 190.794	37.5857	31.8389	37.5569
V 292.401	102.676	102.847	101.969
Zn 206.200	564.452	559.998	561.296

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	48.8399	ppb	0.2239	0.5	2101.45
Al 308.215	4939.17	ppb	17.2579	0.3	16828.8
As 188.980	105.075	ppb	1.6931	1.6	62.7904
B 249.678	208.288	ppb	0.4631	0.2	2368.87
Ba 389.178	132.291	ppb	0.8958	0.7	1913.88
Be 313.042	52.1067	ppb	0.1046	0.2	58268.8
Ca 370.602	18109	ppb	12.96	0.1	50210
Cd 226.502	50.2203	ppb	0.2753	0.5	1735.12
Co 228.615	50.8347	ppb	0.9271	1.8	467.965
Cr 267.716	105.139	ppb	0.2129	0.2	3579.50
Cu 324.754	135.565	ppb	1.0800	0.8	8026.94
Fe 271.441	5792.80	ppb	2.5659	0.0	6333.42
K 766.491	15603.1	ppb	14.5886	0.1	547064
Mg 279.078	9612.19	ppb	30.8324	0.3	17322.5
Mn 257.610	568.506	ppb	4.0184	0.7	32117.2
Mo 202.032	100.054	ppb	0.6532	0.7	600.359
Na 330.237	21547.0	ppb	129.479	0.6	889.554
Ni 231.604	105.708	ppb	0.8056	0.8	267.683
Pb 220.353	51.9350	ppb	1.1362	2.2	68.2198
Sb 206.834	47.8255	ppb	0.4690	1.0	63.8818
Se 196.026	101.013	ppb	3.6894	3.7	34.8690
Sn 189.925	97.2746	ppb	3.0172	3.1	61.8660
Sr 216.596	278.554	ppb	0.9581	0.3	2580.69
Ti 334.941	103.658	ppb	0.7842	0.8	10099.3
Tl 190.794	35.6605	ppb	3.3096	9.3	17.7052
V 292.401	102.497	ppb	0.4657	0.5	2027.69
Zn 206.200	561.915	ppb	2.2906	0.4	491.915

mb 680-260912/1-a (Samp) **12/26/2012, 5:09:15 PM** **Rack 1, Tube 9**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	0.0448	-0.2549u	-0.1890u
Al 308.215	0.2501	1.0764	-0.6719u
As 188.980	-1.6991u	-1.3529u	4.3365
B 249.678	2.5638	2.6857	2.3629
Ba 389.178	-0.2740u	-0.0670u	-0.1600u
Be 313.042	-0.0112u	-0.0117u	-0.0106u
Ca 370.602	-6.876u	-7.942u	-7.647u
Cd 226.502	-0.0805u	-0.2029u	-0.1236u
Co 228.615	0.1271	0.1414	-0.3534u
Cr 267.716	-0.1432u	-0.1499u	-0.2288u
Cu 324.754	-0.7461u	-0.6095u	-0.9978u
Fe 271.441	1.0914	2.0044	-4.1983u
K 766.491	-5.0020u	-5.3848u	-4.8337u
Mg 279.078	-0.4392u	-1.1363u	-0.2382u
Mn 257.610	-0.2517u	-0.2907u	-0.4488u
Mo 202.032	0.2566	-0.1037u	0.0787
Na 330.237	49.1293	45.6524	-31.8177u
Ni 231.604	0.8186	0.1342	0.3720
Pb 220.353	-0.5900u	1.3837	2.0733
Sb 206.834	-1.3580u	-0.4432u	-2.6030u
Se 196.026	2.3008	-1.4342u	1.8694
Sn 189.925	-2.0370u	0.7549	-1.0494u
Sr 216.596	-0.0384u	0.1523	-0.1637u
Ti 334.941	0.0651	0.0358	-0.0139u
Tl 190.794	0.9915	2.4465	-2.1047u
V 292.401	-0.0008u	-0.0486u	0.1394
Zn 206.200	-0.7433u	-0.8960u	-1.6904u

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1331	ppb	0.1575	118.4	-8.2383
Al 308.215	0.2182	ppb	0.8746	400.8	25.5563
As 188.980	0.4282	ppb	3.3892	791.5	-2.5165
B 249.678	2.5375	ppb	0.1630	6.4	58.0232
Ba 389.178	-0.1670	ppb	0.1037	62.1	-10.8956
Be 313.042	-0.0112	ppb	0.0005	4.7	-87.6291
Ca 370.602	-7.488	ppb	0.5506	7.4	16.03
Cd 226.502	-0.1357	ppb	0.0621	45.8	2.6966
Co 228.615	-0.0283	ppb	0.2817	994.5	-6.7163
Cr 267.716	-0.1740	ppb	0.0476	27.4	10.3012
Cu 324.754	-0.7845	ppb	0.1970	25.1	280.398
Fe 271.441	-0.3675	ppb	3.3488	911.2	-13.4133
K 766.491	-5.0735	ppb	0.2824	5.6	215.389
Mg 279.078	-0.6046	ppb	0.4713	78.0	9.7479
Mn 257.610	-0.3304	ppb	0.1044	31.6	20.2075
Mo 202.032	0.0772	ppb	0.1801	233.3	3.7754
Na 330.237	20.9880	ppb	45.7641	218.0	-0.7600
Ni 231.604	0.4416	ppb	0.3475	78.7	9.0005
Pb 220.353	0.9557	ppb	1.3823	144.6	2.3630
Sb 206.834	-1.4681	ppb	1.0841	73.8	-0.7273
Se 196.026	0.9120	ppb	2.0433	224.0	0.7634
Sn 189.925	-0.7772	ppb	1.4157	182.2	-2.0204
Sr 216.596	-0.0166	ppb	0.1591	958.5	0.4190
Ti 334.941	0.0290	ppb	0.0400	137.8	-18.7736
Tl 190.794	0.4444	ppb	2.3244	523.0	-1.4037
V 292.401	0.0300	ppb	0.0977	325.3	-1.6239
Zn 206.200	-1.1099	ppb	0.5085	45.8	4.9607

lcs 680-260912/2-a (Samp) **12/26/2012, 5:15:43 PM** **Rack 1, Tube 10**

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

Label	Replicates Concentration		
Ag 328.068	52.7458	52.5494	52.3405
Al 308.215	5078.49	5124.21	5145.12
As 188.980	110.992	112.015	114.293
B 249.678	211.490	211.901	210.754
Ba 389.178	104.102	104.579	104.339
Be 313.042	53.5985	53.4310	53.3405
Ca 370.602	5172	5177	5185
Cd 226.502	53.8366	53.9276	53.6397
Co 228.615	52.8802	51.9173	52.6520
Cr 267.716	108.944	108.751	108.094
Cu 324.754	103.902	103.133	103.979
Fe 271.441	5279.69	5280.37	5259.89
K 766.491	5669.20	5679.36	5684.53
Mg 279.078	5347.15	5326.32	5318.63
Mn 257.610	562.552	556.067	551.269
Mo 202.032	104.415	103.596	103.668
Na 330.237	4768.51	4919.44	4912.20
Ni 231.604	107.260	107.385	107.199
Pb 220.353	52.3504	51.8993	51.9563
Sb 206.834	50.6460	52.9445	49.3961
Se 196.026	113.157	110.011	103.477
Sn 189.925	105.275	106.112	102.342
Sr 216.596	107.490	107.074	106.580
Ti 334.941	109.811	108.595	107.689
Tl 190.794	37.7328	41.3316	36.6970
V 292.401	106.696	106.453	107.112
Zn 206.200	106.773	106.392	104.101

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	52.5453	ppb	0.2027	0.4	2262.60
Al 308.215	5115.94	ppb	34.0757	0.7	17430.3
As 188.980	112.434	ppb	1.6897	1.5	67.3831
B 249.678	211.382	ppb	0.5809	0.3	2403.91
Ba 389.178	104.340	ppb	0.2386	0.2	1507.00
Be 313.042	53.4567	ppb	0.1309	0.2	59778.9
Ca 370.602	5178	ppb	6.297	0.1	13288
Cd 226.502	53.8013	ppb	0.1471	0.3	1854.97
Co 228.615	52.4831	ppb	0.5032	1.0	483.297
Cr 267.716	108.596	ppb	0.4453	0.4	3696.30
Cu 324.754	103.671	ppb	0.4680	0.5	6215.66
Fe 271.441	5273.32	ppb	11.6323	0.2	5764.74
K 766.491	5677.70	ppb	7.8019	0.1	199318
Mg 279.078	5330.70	ppb	14.7564	0.3	9609.17
Mn 257.610	556.629	ppb	5.6624	1.0	31442.5
Mo 202.032	103.893	ppb	0.4536	0.4	623.294
Na 330.237	4866.72	ppb	85.1235	1.7	198.498
Ni 231.604	107.281	ppb	0.0947	0.1	271.402
Pb 220.353	52.0686	ppb	0.2456	0.5	68.3636
Sb 206.834	50.9955	ppb	1.7998	3.5	68.0242
Se 196.026	108.882	ppb	4.9377	4.5	37.5473
Sn 189.925	104.576	ppb	1.9796	1.9	66.6136
Sr 216.596	107.048	ppb	0.4552	0.4	993.766
Ti 334.941	108.698	ppb	1.0646	1.0	10591.7
Tl 190.794	38.5871	ppb	2.4326	6.3	19.3231
V 292.401	106.754	ppb	0.3334	0.3	2113.39
Zn 206.200	105.755	ppb	1.4450	1.4	97.1414

680-85877-e-1-d (Samp) **12/26/2012, 5:22:11 PM** **Rack 1, Tube 11**

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

Label	Replicates Concentration		
Ag 328.068	-0.2316u	0.0420	-0.5269u
Al 308.215	164.924	164.119	164.016
As 188.980	-1.3480u	0.6607	-1.4981u
B 249.678	15.4562	15.1359	15.1375
Ba 389.178	19.6596	19.7424	19.2358
Be 313.042	0.0097	-0.0004	0.0009
Ca 370.602	4969	4977	4964
Cd 226.502	-0.0620u	-0.2014u	-0.2922u
Co 228.615	-0.1308u	0.0057	0.4229
Cr 267.716	0.2908	0.3783	0.3272
Cu 324.754	3.0388	2.6472	2.9702
Fe 271.441	179.314	189.093	180.803
K 766.491	4421.63	4401.75	4396.63
Mg 279.078	622.190	622.985	625.703
Mn 257.610	1.2803	1.2806	1.3285
Mo 202.032	0.9754	0.8418	1.0363
Na 330.237	2794.81	2813.59	2745.11
Ni 231.604	1.5545	1.5693	2.1067
Pb 220.353	-0.1020u	0.0475	0.5594
Sb 206.834	-0.6359u	0.1260	2.4773
Se 196.026	5.9004	1.7691	-6.0898u
Sn 189.925	0.1421	-0.5146u	0.6969
Sr 216.596	12.3026	12.5386	12.4005
Ti 334.941	6.0567	6.0271	5.9873
Tl 190.794	1.7076	-3.4526u	-0.4983u
V 292.401	0.7253	0.7547	0.6062
Zn 206.200	139.137	139.187	140.794

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2388	ppb	0.2845	119.1	-12.9293
Al 308.215	164.353	ppb	0.4972	0.3	583.816
As 188.980	-0.7285	ppb	1.2054	165.5	-3.2388
B 249.678	15.2432	ppb	0.1845	1.2	200.826
Ba 389.178	19.5459	ppb	0.2717	1.4	274.382
Be 313.042	0.0034	ppb	0.0055	162.5	-70.3801
Ca 370.602	4970	ppb	6.726	0.1	14232
Cd 226.502	-0.1852	ppb	0.1159	62.6	1.8658
Co 228.615	0.0993	ppb	0.2885	290.7	-5.4278
Cr 267.716	0.3321	ppb	0.0439	13.2	27.5198
Cu 324.754	2.8854	ppb	0.2091	7.2	488.918
Fe 271.441	183.070	ppb	5.2693	2.9	187.504
K 766.491	4406.67	ppb	13.2037	0.3	154786
Mg 279.078	623.626	ppb	1.8419	0.3	1134.33
Mn 257.610	1.2965	ppb	0.0277	2.1	112.740
Mo 202.032	0.9512	ppb	0.0995	10.5	8.9880
Na 330.237	2784.50	ppb	35.3877	1.3	113.364
Ni 231.604	1.7435	ppb	0.3146	18.0	12.2172
Pb 220.353	0.1683	ppb	0.3468	206.0	1.3395
Sb 206.834	0.6558	ppb	1.6228	247.5	2.0720
Se 196.026	0.5266	ppb	6.0909	1156.7	0.6326
Sn 189.925	0.1081	ppb	0.6065	560.8	-1.4412
Sr 216.596	12.4139	ppb	0.1186	1.0	115.869
Ti 334.941	6.0237	ppb	0.0348	0.6	566.420
Tl 190.794	-0.7478	ppb	2.5891	346.2	-2.0602
V 292.401	0.6954	ppb	0.0787	11.3	11.0806
Zn 206.200	139.706	ppb	0.9426	0.7	136.810

680-85877-e-1-d SD ^ (Samp) **12/26/2012, 5:28:39 PM** **Rack 1, Tube 12**

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

Label	Replicates Concentration		
Ag 328.068	-0.2859u	-0.1178u	-0.2224u
Al 308.215	32.5903	30.3141	33.3594
As 188.980	-0.8704u	-1.0174u	3.1578
B 249.678	3.6489	3.4953	3.5667
Ba 389.178	3.2994	3.9532	3.2159
Be 313.042	-0.0096u	-0.0113u	-0.0074u
Ca 370.602	999.1	1012	1006
Cd 226.502	-0.0994u	-0.1226u	-0.1831u
Co 228.615	0.2733	-0.1208u	0.3951
Cr 267.716	-0.1010u	-0.0467u	0.0010
Cu 324.754	-0.2482u	-0.1090u	-0.0372u
Fe 271.441	35.3364	38.2252	44.8849
K 766.491	885.861	892.203	888.642
Mg 279.078	124.382	128.703	126.431
Mn 257.610	-0.0061u	-0.0929u	-0.0474u
Mo 202.032	0.1471	0.2341	0.2161
Na 330.237	655.528	631.644	675.912
Ni 231.604	0.1079	0.3105	-0.0015
Pb 220.353	-0.2426u	1.1148	-0.6256u
Sb 206.834	1.5381	2.4117	0.5975
Se 196.026	-1.1731u	-4.5202u	1.4878
Sn 189.925	-1.5434u	-1.4501u	0.2832
Sr 216.596	2.4499	2.4351	2.5889
Ti 334.941	1.2773	1.2748	1.3744
Tl 190.794	-1.6304u	-0.8716u	0.6222
V 292.401	0.3846	-0.0898u	0.3049
Zn 206.200	27.6303	28.3838	29.2726

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2087	ppb	0.0849	40.7	-11.5297
Al 308.215	32.0879	ppb	1.5836	4.9	133.954
As 188.980	0.4233	ppb	2.3692	559.6	-2.5196
B 249.678	3.5703	ppb	0.0769	2.2	69.6210
Ba 389.178	3.4895	ppb	0.4037	11.6	42.0192
Be 313.042	-0.0094	ppb	0.0020	20.8	-85.4875
Ca 370.602	1006	ppb	6.433	0.6	2909
Cd 226.502	-0.1350	ppb	0.0432	32.0	2.8923
Co 228.615	0.1825	ppb	0.2697	147.7	-4.7260
Cr 267.716	-0.0489	ppb	0.0511	104.5	14.5543
Cu 324.754	-0.1314	ppb	0.1073	81.6	317.506
Fe 271.441	39.4821	ppb	4.8968	12.4	30.2383
K 766.491	888.902	ppb	3.1789	0.4	31536.9
Mg 279.078	126.505	ppb	2.1613	1.7	238.743
Mn 257.610	-0.0488	ppb	0.0434	88.9	36.2471
Mo 202.032	0.1991	ppb	0.0460	23.1	4.5022
Na 330.237	654.362	ppb	22.1571	3.4	25.4115
Ni 231.604	0.1390	ppb	0.1583	113.9	8.2622
Pb 220.353	0.0822	ppb	0.9145	1112.5	1.2313
Sb 206.834	1.5158	ppb	0.9073	59.9	3.2067
Se 196.026	-1.4018	ppb	3.0105	214.8	-0.0245
Sn 189.925	-0.9034	ppb	1.0287	113.9	-2.1021
Sr 216.596	2.4913	ppb	0.0848	3.4	23.7350
Ti 334.941	1.3088	ppb	0.0568	4.3	106.163
Tl 190.794	-0.6266	ppb	1.1461	182.9	-1.9862
V 292.401	0.1999	ppb	0.2540	127.1	1.6504
Zn 206.200	28.4289	ppb	0.8221	2.9	30.5207

680-85877-e-1-d PDS (Samp) **12/26/2012, 5:47:56 PM** **Rack 1, Tube 15**

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

Label	Replicates Concentration		
Ag 328.068	47.9207	46.9093	45.9832
Al 308.215	2093.17	2092.55	2098.00
As 188.980	2113.56	2090.14	2073.57
B 249.678	1007.95	1005.20	1005.74
Ba 389.178	2017.40	2017.33	2016.85
Be 313.042	50.1401	50.0403	49.9629
Ca 370.602	9676	9690	9663
Cd 226.502	50.3167	50.0220	50.0635
Co 228.615	503.816	501.371	502.120
Cr 267.716	202.989	202.150	201.880
Cu 324.754	248.496	247.889	246.058
Fe 271.441	1196.09	1189.07	1189.15
K 766.491	9667.91	9661.03	9667.41
Mg 279.078	5637.38	5623.69	5606.68
Mn 257.610	522.392	520.289	518.455
Mo 202.032	488.026	489.326	487.859
Na 330.237	7936.89	7694.35	7575.22
Ni 231.604	509.334	504.045	502.201
Pb 220.353	493.771	494.571	493.007
Sb 206.834	485.988	485.368	484.362
Se 196.026	1997.73	1977.18	1980.80
Sn 189.925	986.659	992.263	987.218
Sr 216.596	516.972	515.824	514.722
Ti 334.941	996.454	990.372	989.222
Tl 190.794	2002.15	1993.83	1982.82
V 292.401	495.963	495.245	494.343
Zn 206.200	633.615	634.561	632.484

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	46.9377	ppb	0.9690	2.1	2019.06
Al 308.215	2094.57	ppb	2.9824	0.1	7177.52
As 188.980	2092.42	ppb	20.0939	1.0	1303.43
B 249.678	1006.30	ppb	1.4522	0.1	11346.1
Ba 389.178	2017.19	ppb	0.3000	0.0	29188.5
Be 313.042	50.0478	ppb	0.0888	0.2	55987.0
Ca 370.602	9677	ppb	13.48	0.1	27487
Cd 226.502	50.1341	ppb	0.1595	0.3	1719.84
Co 228.615	502.436	ppb	1.2526	0.2	4691.56
Cr 267.716	202.339	ppb	0.5784	0.3	6869.72
Cu 324.754	247.481	ppb	1.2691	0.5	14399.6
Fe 271.441	1191.44	ppb	4.0298	0.3	1332.45
K 766.491	9665.45	ppb	3.8380	0.0	339034
Mg 279.078	5622.58	ppb	15.3808	0.3	10135.5
Mn 257.610	520.379	ppb	1.9699	0.4	29396.2
Mo 202.032	488.404	ppb	0.8028	0.2	2918.32
Na 330.237	7735.49	ppb	184.310	2.4	312.429
Ni 231.604	505.193	ppb	3.7025	0.7	1248.44
Pb 220.353	493.783	ppb	0.7822	0.2	639.141
Sb 206.834	485.239	ppb	0.8203	0.2	636.675
Se 196.026	1985.24	ppb	10.9691	0.6	676.538
Sn 189.925	988.714	ppb	3.0869	0.3	642.575
Sr 216.596	515.840	ppb	1.1251	0.2	4745.53
Ti 334.941	992.016	ppb	3.8866	0.4	96825.8
Tl 190.794	1992.93	ppb	9.6980	0.5	1079.88
V 292.401	495.183	ppb	0.8116	0.2	9819.17
Zn 206.200	633.553	ppb	1.0400	0.2	553.479

680-85877-e-1-e ms (Samp) **12/26/2012, 5:54:22 PM** **Rack 1, Tube 16**

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

Label	Replicates Concentration		
Ag 328.068	51.6617	47.9137	52.5560
Al 308.215	5307.39	5158.28	5333.44
As 188.980	111.986	103.128	114.048
B 249.678	224.933	222.942	228.847
Ba 389.178	122.068	120.510	123.677
Be 313.042	53.3886	52.5533	53.8881
Ca 370.602	10133	9954	10212
Cd 226.502	52.9294	52.2709	53.7236
Co 228.615	52.4566	51.2526	52.4095
Cr 267.716	107.637	106.455	108.779
Cu 324.754	108.065	107.209	108.942
Fe 271.441	5389.62	5309.40	5446.99
K 766.491	9920.63	9718.43	9978.26
Mg 279.078	5878.11	5806.48	5952.74
Mn 257.610	547.336	548.146	555.921
Mo 202.032	102.404	101.805	104.167
Na 330.237	7765.81	7597.22	7652.04
Ni 231.604	106.182	105.120	108.700
Pb 220.353	52.8063	50.1208	51.5883
Sb 206.834	50.6119	52.0006	54.8277
Se 196.026	112.300	105.093	119.104
Sn 189.925	100.474	97.7128	102.807
Sr 216.596	116.606	116.541	117.828
Ti 334.941	112.242	112.264	114.097
Tl 190.794	38.9042	39.0891	37.8367
V 292.401	105.983	104.294	106.859
Zn 206.200	241.253	236.213	241.455

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	50.7105	ppb	2.4630	4.9	2183.35
Al 308.215	5266.37	ppb	94.5102	1.8	17941.8
As 188.980	109.721	ppb	5.8018	5.3	65.6895
B 249.678	225.574	ppb	3.0041	1.3	2563.48
Ba 389.178	122.085	ppb	1.5835	1.3	1763.72
Be 313.042	53.2767	ppb	0.6744	1.3	59578.3
Ca 370.602	10100	ppb	132.2	1.3	27367
Cd 226.502	52.9747	ppb	0.7274	1.4	1827.47
Co 228.615	52.0396	ppb	0.6819	1.3	479.274
Cr 267.716	107.624	ppb	1.1620	1.1	3663.41
Cu 324.754	108.072	ppb	0.8666	0.8	6465.64
Fe 271.441	5382.00	ppb	69.1103	1.3	5883.74
K 766.491	9872.44	ppb	136.454	1.4	346286
Mg 279.078	5879.11	ppb	73.1325	1.2	10597.2
Mn 257.610	550.468	ppb	4.7399	0.9	31095.6
Mo 202.032	102.792	ppb	1.2276	1.2	616.722
Na 330.237	7671.69	ppb	85.9923	1.1	314.398
Ni 231.604	106.667	ppb	1.8383	1.7	269.916
Pb 220.353	51.5051	ppb	1.3447	2.6	67.6303
Sb 206.834	52.4801	ppb	2.1484	4.1	69.9862
Se 196.026	112.166	ppb	7.0067	6.2	38.6659
Sn 189.925	100.331	ppb	2.5499	2.5	63.8506
Sr 216.596	116.992	ppb	0.7247	0.6	1086.20
Ti 334.941	112.868	ppb	1.0647	0.9	10998.8
Tl 190.794	38.6100	ppb	0.6761	1.8	19.3249
V 292.401	105.712	ppb	1.3036	1.2	2092.23
Zn 206.200	239.640	ppb	2.9698	1.2	212.997

680-85877-e-1-f msd (Samp) **12/26/2012, 6:00:47 PM** **Rack 1, Tube 17**

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

Label	Replicates Concentration		
Ag 328.068	51.4172	51.4487	50.7336
Al 308.215	5278.65	5276.65	5301.69
As 188.980	115.879	109.445	108.276
B 249.678	221.913	223.024	221.650
Ba 389.178	122.955	122.008	121.887
Be 313.042	53.0373	53.0331	52.9506
Ca 370.602	10152	10152	10162
Cd 226.502	52.8584	52.8810	52.8863
Co 228.615	51.5458	51.7571	52.6037
Cr 267.716	106.728	106.867	106.317
Cu 324.754	105.183	106.627	106.376
Fe 271.441	5365.79	5356.11	5359.07
K 766.491	9881.62	9900.16	9901.80
Mg 279.078	5846.24	5849.25	5830.92
Mn 257.610	543.332	543.462	539.096
Mo 202.032	102.396	101.641	102.164
Na 330.237	7633.23	7521.59	7421.40
Ni 231.604	106.766	107.662	107.076
Pb 220.353	51.6949	50.4397	52.7930
Sb 206.834	49.3582	50.9673	51.3772
Se 196.026	107.460	107.924	105.293
Sn 189.925	99.8165	101.089	104.190
Sr 216.596	116.459	116.723	116.027
Ti 334.941	110.772	110.691	109.827
Tl 190.794	38.4656	36.7289	35.8768
V 292.401	105.713	105.249	105.525
Zn 206.200	240.208	245.223	237.541

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.1998	ppb	0.4041	0.8	2204.48
Al 308.215	5285.66	ppb	13.9104	0.3	18007.4
As 188.980	111.200	ppb	4.0939	3.7	66.6134
B 249.678	222.196	ppb	0.7295	0.3	2525.50
Ba 389.178	122.283	ppb	0.5848	0.5	1766.56
Be 313.042	53.0070	ppb	0.0489	0.1	59276.3
Ca 370.602	10156	ppb	5.571	0.1	27538
Cd 226.502	52.8752	ppb	0.0148	0.0	1823.98
Co 228.615	51.9689	ppb	0.5599	1.1	478.608
Cr 267.716	106.637	ppb	0.2860	0.3	3629.98
Cu 324.754	106.062	ppb	0.7716	0.7	6351.45
Fe 271.441	5360.32	ppb	4.9603	0.1	5859.97
K 766.491	9894.53	ppb	11.2078	0.1	347060
Mg 279.078	5842.14	ppb	9.8307	0.2	10530.6
Mn 257.610	541.963	ppb	2.4840	0.5	30615.9
Mo 202.032	102.067	ppb	0.3866	0.4	612.396
Na 330.237	7525.41	ppb	105.968	1.4	308.322
Ni 231.604	107.168	ppb	0.4550	0.4	271.143
Pb 220.353	51.6425	ppb	1.1775	2.3	67.8094
Sb 206.834	50.5676	ppb	1.0672	2.1	67.4696
Se 196.026	106.892	ppb	1.4045	1.3	36.8700
Sn 189.925	101.699	ppb	2.2496	2.2	64.7414
Sr 216.596	116.403	ppb	0.3514	0.3	1080.69
Ti 334.941	110.430	ppb	0.5241	0.5	10760.7
Tl 190.794	37.0237	ppb	1.3194	3.6	18.4649
V 292.401	105.496	ppb	0.2338	0.2	2088.02
Zn 206.200	240.990	ppb	3.9005	1.6	214.169

680-85877-e-2-b (Samp) **12/26/2012, 6:07:13 PM** **Rack 1, Tube 18**

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

Label	Replicates Concentration		
Ag 328.068	-0.4615u	-0.1731u	-0.2101u
Al 308.215	71.9704	71.3755	70.2389
As 188.980	-3.6429u	-2.4164u	0.7478
B 249.678	14.5601	14.7357	14.4998
Ba 389.178	24.0171	24.5602	25.2110
Be 313.042	-0.0022u	-0.0003	0.0003
Ca 370.602	4242	4236	4227
Cd 226.502	-0.0556u	-0.0002	-0.0986u
Co 228.615	0.0682	-0.0737u	0.0074
Cr 267.716	0.0955	0.1746	0.0750
Cu 324.754	2.8854	3.1382	2.8096
Fe 271.441	47.8098	48.5866	51.3793
K 766.491	5000.19	4990.19	4973.98
Mg 279.078	449.753	457.435	454.209
Mn 257.610	0.5862	0.6843	0.6636
Mo 202.032	0.6796	0.4673	0.5232
Na 330.237	1366.47	1621.04	1272.34
Ni 231.604	0.6859	0.7231	-0.4257u
Pb 220.353	1.5214	0.7556	-2.0618u
Sb 206.834	-0.0042u	1.2150	1.3715
Se 196.026	8.2404	-8.0530u	11.0944
Sn 189.925	-0.2240u	1.4525	0.3469
Sr 216.596	13.7018	14.0337	14.0320
Ti 334.941	1.6699	1.7037	1.6940
Tl 190.794	2.9323	2.0213	2.9591
V 292.401	0.1965	0.3288	0.3028
Zn 206.200	114.926	117.220	114.270

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2816	ppb	0.1569	55.7	-14.7577
Al 308.215	71.1949	ppb	0.8798	1.2	266.965
As 188.980	-1.7705	ppb	2.2655	128.0	-3.8893
B 249.678	14.5985	ppb	0.1226	0.8	193.653
Ba 389.178	24.5961	ppb	0.5978	2.4	347.369
Be 313.042	-0.0007	ppb	0.0013	178.2	-75.1661
Ca 370.602	4235	ppb	7.798	0.2	12167
Cd 226.502	-0.0515	ppb	0.0493	95.9	6.0149
Co 228.615	0.0006	ppb	0.0712	11300.4	-6.4252
Cr 267.716	0.1150	ppb	0.0526	45.7	20.1169
Cu 324.754	2.9444	ppb	0.1721	5.8	492.211
Fe 271.441	49.2586	ppb	1.8773	3.8	40.9967
K 766.491	4988.12	ppb	13.2263	0.3	175158
Mg 279.078	453.799	ppb	3.8575	0.9	828.380
Mn 257.610	0.6447	ppb	0.0517	8.0	75.7282
Mo 202.032	0.5567	ppb	0.1100	19.8	6.6372
Na 330.237	1419.95	ppb	180.397	12.7	56.7941
Ni 231.604	0.3278	ppb	0.6528	199.1	8.7356
Pb 220.353	0.0717	ppb	1.8869	2630.1	1.2161
Sb 206.834	0.8607	ppb	0.7532	87.5	2.3401
Se 196.026	3.7606	ppb	10.3299	274.7	1.7336
Sn 189.925	0.5251	ppb	0.8524	162.3	-1.1701
Sr 216.596	13.9225	ppb	0.1911	1.4	129.593
Ti 334.941	1.6892	ppb	0.0174	1.0	143.283
Tl 190.794	2.6376	ppb	0.5339	20.2	-0.2171
V 292.401	0.2760	ppb	0.0701	25.4	2.7562
Zn 206.200	115.472	ppb	1.5491	1.3	105.839

680-85877-e-3-b (Samp) **12/26/2012, 6:13:39 PM** **Rack 1, Tube 19**

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

Label	Replicates Concentration		
Ag 328.068	-0.2675u	-0.3421u	-0.6777u
Al 308.215	39.2498	37.3710	39.5628
As 188.980	3.0874	8.8975	5.6611
B 249.678	5.8822	6.1622	6.3325
Ba 389.178	1.7961	2.4938	1.8231
Be 313.042	0.0138	0.0125	0.0088
Ca 370.602	1199	1190	1204
Cd 226.502	-0.0833u	-0.1462u	-0.3024u
Co 228.615	-0.2656u	-0.0081u	-0.5341u
Cr 267.716	0.5573	0.5610	0.5803
Cu 324.754	2.2597	2.1342	2.4500
Fe 271.441	31.2826	33.8581	27.4680
K 766.491	841.042	836.981	849.263
Mg 279.078	129.311	127.350	132.849
Mn 257.610	0.0286	0.0651	0.0981
Mo 202.032	0.1029	0.3043	0.3788
Na 330.237	319.878	321.180	301.164
Ni 231.604	1.4719	-0.4885u	0.4686
Pb 220.353	1.3782	0.4669	0.4804
Sb 206.834	1.6448	1.7362	1.7579
Se 196.026	-1.2092u	-2.9429u	4.9225
Sn 189.925	0.7998	-1.7814u	-1.4155u
Sr 216.596	10.6835	11.1544	11.4139
Ti 334.941	0.8962	0.8689	0.9289
Tl 190.794	1.9618	2.7761	-0.8788u
V 292.401	1.9990	2.3592	1.9281
Zn 206.200	18.9425	18.8181	17.0019

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4291	ppb	0.2185	50.9	-21.0902
Al 308.215	38.7279	ppb	1.1855	3.1	156.621
As 188.980	5.8820	ppb	2.9114	49.5	0.8883
B 249.678	6.1256	ppb	0.2274	3.7	98.3629
Ba 389.178	2.0377	ppb	0.3953	19.4	20.9979
Be 313.042	0.0117	ppb	0.0025	21.8	-61.6718
Ca 370.602	1197	ppb	7.235	0.6	3462
Cd 226.502	-0.1773	ppb	0.1128	63.6	1.4478
Co 228.615	-0.2693	ppb	0.2630	97.7	-8.9561
Cr 267.716	0.5662	ppb	0.0123	2.2	35.3807
Cu 324.754	2.2813	ppb	0.1590	7.0	454.521
Fe 271.441	30.8695	ppb	3.2150	10.4	20.8224
K 766.491	842.429	ppb	6.2575	0.7	29908.6
Mg 279.078	129.837	ppb	2.7871	2.1	244.744
Mn 257.610	0.0639	ppb	0.0348	54.4	42.6078
Mo 202.032	0.2620	ppb	0.1427	54.5	4.8768
Na 330.237	314.074	ppb	11.1996	3.6	11.3156
Ni 231.604	0.4840	ppb	0.9803	202.5	9.1084
Pb 220.353	0.7752	ppb	0.5223	67.4	2.1277
Sb 206.834	1.7130	ppb	0.0600	3.5	3.4679
Se 196.026	0.2568	ppb	4.1325	1609.2	0.5403
Sn 189.925	-0.7990	ppb	1.3967	174.8	-2.0341
Sr 216.596	11.0839	ppb	0.3702	3.3	103.136
Ti 334.941	0.8980	ppb	0.0300	3.3	66.0683
Tl 190.794	1.2864	ppb	1.9188	149.2	-0.9474
V 292.401	2.0954	ppb	0.2311	11.0	39.3728
Zn 206.200	18.2542	ppb	1.0863	6.0	21.7149

680-85952-b-5-b (Samp) **12/26/2012, 6:20:07 PM** **Rack 1, Tube 20**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.3033u	-0.8982u	-0.3168u
Al 308.215	1.2424	1.7190	1.4415
As 188.980	4.3143	2.2312	1.9703
B 249.678	152.107	152.887	153.894
Ba 389.178	110.548	110.435	110.907
Be 313.042	-0.0378u	-0.0383u	-0.0394u
Ca 370.602	91883	91613	91790
Cd 226.502	-0.3474u	-0.4153u	-0.2865u
Co 228.615	-0.4071u	0.1076	-0.4244u
Cr 267.716	0.1131	0.1245	0.1186
Cu 324.754	-0.1342u	-0.4597u	-0.2105u
Fe 271.441	15.6705	6.9715	14.7404
K 766.491	5005.62	4990.54	4976.17
Mg 279.078	18736.0	18826.1	18837.8
Mn 257.610	48.7926	49.4422	49.4408
Mo 202.032	1.5971	1.9061	1.5319
Na 330.237	35714.8	36062.6	35842.4
Ni 231.604	0.0623	1.2759	0.1100
Pb 220.353	-1.3815u	-0.2363u	2.1095
Sb 206.834	3.6555	1.2802	0.3909
Se 196.026	6.0809	12.7755	5.1478
Sn 189.925	-0.9223u	2.3937	0.7621
Sr 216.596	422.743	426.070	424.829
Ti 334.941	0.1951	0.1824	0.1626
Tl 190.794	-0.8151u	0.0496	2.3099
V 292.401	0.3565u	0.0050u	-0.3639u
Zn 206.200	-1.6527u	-0.3047	-0.7978u

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.5061	ppb	0.3396	67.1	-27.5421
Al 308.215	1.4676	ppb	0.2394	16.3	29.8043
As 188.980	2.8386	ppb	1.2846	45.3	-1.0120
B 249.678	152.963	ppb	0.8960	0.6	1749.77
Ba 389.178	110.630	ppb	0.2467	0.2	1598.69
Be 313.042	-0.0385	ppb	0.0008	2.0	-100.389
Ca 370.602	91762	ppb	137.1	0.1	263137
Cd 226.502	-0.3497	ppb	0.0644	18.4	2.6028
Co 228.615	-0.2413	ppb	0.3023	125.3	-8.7357
Cr 267.716	0.1187	ppb	0.0057	4.8	20.6504
Cu 324.754	-0.2681	ppb	0.1702	63.5	309.761
Fe 271.441	12.4608	ppb	4.7766	38.3	2.2161
K 766.491	4990.78	ppb	14.7295	0.3	175251
Mg 279.078	18800.0	ppb	55.7187	0.3	33880.1
Mn 257.610	49.2252	ppb	0.3746	0.8	2835.69
Mo 202.032	1.6784	ppb	0.1999	11.9	13.3328
Na 330.237	35873.3	ppb	175.944	0.5	1489.26
Ni 231.604	0.4827	ppb	0.6873	142.4	9.6535
Pb 220.353	0.1639	ppb	1.7796	1085.7	1.3436
Sb 206.834	1.7755	ppb	1.6878	95.1	3.5336
Se 196.026	8.0014	ppb	4.1607	52.0	3.1778
Sn 189.925	0.7445	ppb	1.6581	222.7	-0.9869
Sr 216.596	424.548	ppb	1.6812	0.4	3930.34
Ti 334.941	0.1800	ppb	0.0164	9.1	-4.6436
Tl 190.794	0.5148	ppb	1.6136	313.4	-1.3399
V 292.401	-0.0008	ppb	0.3602	45413.7	-12.9224
Zn 206.200	-0.9184	ppb	0.6820	74.3	5.4344

lb 680-260734/16-d (Samp) **12/26/2012, 6:26:34 PM** **Rack 1, Tube 21**

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

Label	Replicates Concentration		
Ag 328.068	-0.2938u	-0.5001u	-0.3043u
Al 308.215	5.7135	5.7431	7.4724
As 188.980	-2.3541u	-1.1106u	0.2293
B 249.678	10.4628	10.8663	10.1239
Ba 389.178	-0.1363u	-0.0536u	-0.1241u
Be 313.042	-0.0072u	-0.0007u	-0.0131u
Ca 370.602	93.47	90.53	94.32
Cd 226.502	-0.2204u	-0.1659u	-0.1689u
Co 228.615	-0.1190u	-0.3370u	0.0817
Cr 267.716	-0.1044u	-0.0094	0.0567
Cu 324.754	-0.4410u	-0.4840u	-0.3158u
Fe 271.441	0.6695	3.5166	-0.0681u
K 766.491	26.6889	26.5620	27.0508
Mg 279.078	16.7105	20.0929	19.2950
Mn 257.610	-0.2938u	-0.2603u	-0.2661u
Mo 202.032	0.0779	0.0292	0.3624
Na 330.237	119977x	119520x	120187x
Ni 231.604	-0.3582u	0.7448	0.1679
Pb 220.353	1.0719	-0.3801u	-0.1186u
Sb 206.834	-0.0347u	1.0831	1.2843
Se 196.026	3.4779	2.7040	2.1671
Sn 189.925	-1.0081u	-0.5554u	0.3001
Sr 216.596	0.1631	0.2377	0.0202
Ti 334.941	0.0665	0.0296u	0.0819
Tl 190.794	-1.6015u	1.5731	-0.5967u
V 292.401	0.0834	-0.2878u	0.2396
Zn 206.200	1.8067	1.2230	1.0007

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3661b	ppb	0.1162	31.8	-18.2907
Al 308.215	6.3097b	ppb	1.0070	16.0	46.2705
As 188.980	-1.0784b	ppb	1.2920	119.8	-3.4571
B 249.678	10.4843b	ppb	0.3717	3.5	147.398
Ba 389.178	-0.1046b	ppb	0.0446	42.7	-9.9880
Be 313.042	-0.0070b	ppb	0.0062	88.9	-90.7377
Ca 370.602	92.77b	ppb	1.988	2.1	303.7
Cd 226.502	-0.1851b	ppb	0.0307	16.6	0.4403
Co 228.615	-0.1248b	ppb	0.2094	167.9	-7.6159
Cr 267.716	-0.0191b	ppb	0.0810	424.8	16.9775
Cu 324.754	-0.4136b	ppb	0.0874	21.1	301.461
Fe 271.441	1.3727b	ppb	1.8930	137.9	-11.5160
K 766.491	26.7672b	ppb	0.2536	0.9	1330.97
Mg 279.078	18.6995b	ppb	1.7681	9.5	44.5242
Mn 257.610	-0.2734b	ppb	0.0179	6.5	23.2933
Mo 202.032	0.1565b	ppb	0.1799	115.0	4.2489
Na 330.237	119895xb	ppb	340.997	0.3	4983.71
Ni 231.604	0.1849b	ppb	0.5517	298.4	8.3700
Pb 220.353	0.1911b	ppb	0.7739	405.1	1.3729
Sb 206.834	0.7776b	ppb	0.7106	91.4	2.2348
Se 196.026	2.7830b	ppb	0.6589	23.7	1.4006
Sn 189.925	-0.4211b	ppb	0.6644	157.8	-1.7568
Sr 216.596	0.1403b	ppb	0.1105	78.8	1.8843
Ti 334.941	0.0593b	ppb	0.0269	45.3	-18.8912
Tl 190.794	-0.2083b	ppb	1.6226	778.8	-1.7576
V 292.401	0.0117b	ppb	0.2709	2316.8	-2.6548
Zn 206.200	1.3435b	ppb	0.4163	31.0	7.0830

lcs 680-260950/2-a (Samp) **12/26/2012, 6:33:01 PM** **Rack 1, Tube 22**

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

Label	Replicates Concentration		
Ag 328.068	90.6920	91.5088	92.0540
Al 308.215	9091.59	8936.36	9006.27
As 188.980	191.784	190.505	195.890
B 249.678	368.387	370.382	373.247
Ba 389.178	182.759	182.842	183.925
Be 313.042	96.4889	96.4449	96.8298
Ca 370.602	9203	9172	9222
Cd 226.502	92.5605	92.4176	92.8481
Co 228.615	91.7840	91.2205	93.3088
Cr 267.716	190.297	190.972	191.478
Cu 324.754	184.979	185.375	184.544
Fe 271.441	9195.61	9136.38	9219.16
K 766.491	9427.17	9374.19	9403.62
Mg 279.078	9237.25	9249.04	9273.75
Mn 257.610	965.101	980.502	980.278
Mo 202.032	183.022	181.731	183.930
Na 330.237	8510.65	8401.39	8465.10
Ni 231.604	183.821	185.102	186.384
Pb 220.353	87.4944	89.9697	91.7670
Sb 206.834	88.7756	89.5926	89.6384
Se 196.026	180.901	194.916	184.836
Sn 189.925	182.944	185.819	187.805
Sr 216.596	185.656	186.439	187.883
Ti 334.941	186.673	189.468	189.436
Tl 190.794	73.0506	63.7292	65.9830
V 292.401	188.382	188.272	188.540
Zn 206.200	181.605	180.530	187.017

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	91.4183	ppb	0.6855	0.7	3938.33
Al 308.215	9011.41	ppb	77.7459	0.9	30683.5
As 188.980	192.726	ppb	2.8134	1.5	117.490
B 249.678	370.672	ppb	2.4428	0.7	4193.25
Ba 389.178	183.175	ppb	0.6507	0.4	2651.96
Be 313.042	96.5879	ppb	0.2107	0.2	108072
Ca 370.602	9199	ppb	25.47	0.3	23642
Cd 226.502	92.6087	ppb	0.2192	0.2	3187.95
Co 228.615	92.1044	ppb	1.0804	1.2	853.034
Cr 267.716	190.915	ppb	0.5925	0.3	6485.91
Cu 324.754	184.966	ppb	0.4155	0.2	10834.9
Fe 271.441	9183.72	ppb	42.6544	0.5	10049.2
K 766.491	9401.66	ppb	26.5457	0.3	329791
Mg 279.078	9253.35	ppb	18.6261	0.2	16672.0
Mn 257.610	975.294	ppb	8.8277	0.9	55062.3
Mo 202.032	182.894	ppb	1.1052	0.6	1094.74
Na 330.237	8459.05	ppb	54.8805	0.6	346.215
Ni 231.604	185.103	ppb	1.2815	0.7	462.539
Pb 220.353	89.7437	ppb	2.1453	2.4	117.005
Sb 206.834	89.3355	ppb	0.4855	0.5	118.243
Se 196.026	186.884	ppb	7.2284	3.9	64.1219
Sn 189.925	185.523	ppb	2.4443	1.3	119.347
Sr 216.596	186.659	ppb	1.1297	0.6	1732.40
Ti 334.941	188.526	ppb	1.6043	0.9	18386.2
Tl 190.794	67.5876	ppb	4.8635	7.2	35.0903
V 292.401	188.398	ppb	0.1348	0.1	3731.34
Zn 206.200	183.051	ppb	3.4767	1.9	163.805

680-85958-a-1-c (Samp) **12/26/2012, 6:39:28 PM** **Rack 1, Tube 23**

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

Label	Replicates Concentration		
Ag 328.068	1.7552	1.8124	1.9531
Al 308.215	2.8415	3.7279	3.8730
As 188.980	-0.6232u	3.6436	0.4985
B 249.678	156.034	156.381	156.051
Ba 389.178	56.2705	55.2958	55.6986
Be 313.042	-0.0238u	-0.0183u	-0.0136u
Ca 370.602	38987	39048	39044
Cd 226.502	1284.10	1283.62	1280.26
Co 228.615	0.3332	-0.1546u	0.6630
Cr 267.716	0.0112u	0.0695u	-0.0551u
Cu 324.754	0.3749	0.4082	0.2530
Fe 271.441	23.7475	32.9739	26.4880
K 766.491	29211.5	29213.3	29315.5
Mg 279.078	6409.78	6409.43	6384.33
Mn 257.610	950.513	947.811	941.843
Mo 202.032	-0.0664u	0.3232	0.4389
Na 330.237	156581x	156472x	156371x
Ni 231.604	5.4689	4.3963	4.4644
Pb 220.353	1930.99	1938.82	1928.00
Sb 206.834	-0.4162u	-0.6827u	0.5681
Se 196.026	7.7207	4.3830	2.8699
Sn 189.925	0.1775	-0.3998u	0.0370
Sr 216.596	55.6630	56.5026	56.0162
Ti 334.941	0.1942	0.1230	0.2663
Tl 190.794	3.7955	2.1587	3.9048
V 292.401	-0.3051u	0.2894u	-0.2482u
Zn 206.200	9874.49	9876.35	9808.68

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	1.8403b	ppb	0.1018	5.5	76.3942
Al 308.215	3.4808b	ppb	0.5584	16.0	36.6364
As 188.980	1.1730b	ppb	2.2119	188.6	-2.0516
B 249.678	156.155b	ppb	0.1956	0.1	1785.72
Ba 389.178	55.7550b	ppb	0.4898	0.9	799.581
Be 313.042	-0.0186b	ppb	0.0051	27.6	-98.1033
Ca 370.602	39027b	ppb	34.32	0.1	111955
Cd 226.502	1282.66b	ppb	2.0898	0.2	43719.6
Co 228.615	0.2805b	ppb	0.4114	146.6	-3.8191
Cr 267.716	0.0085b	ppb	0.0624	730.4	12.3749
Cu 324.754	0.3454b	ppb	0.0817	23.7	344.580
Fe 271.441	27.7365b	ppb	4.7382	17.1	18.0471
K 766.491	29246.8b	ppb	59.5045	0.2	1025088
Mg 279.078	6401.18b	ppb	14.5893	0.2	11534.0
Mn 257.610	946.722b	ppb	4.4364	0.5	53443.4
Mo 202.032	0.2319b	ppb	0.2647	114.1	4.6981
Na 330.237	156475xb	ppb	104.910	0.1	6455.29
Ni 231.604	4.7765b	ppb	0.6006	12.6	19.8320
Pb 220.353	1932.61b	ppb	5.5860	0.3	2503.05
Sb 206.834	-0.1769b	ppb	0.6588	372.4	0.9727
Se 196.026	4.9912b	ppb	2.4819	49.7	2.1526
Sn 189.925	-0.0618b	ppb	0.3010	487.4	-1.4994
Sr 216.596	56.0606b	ppb	0.4216	0.8	521.047
Ti 334.941	0.1945b	ppb	0.0716	36.8	-6.5098
Tl 190.794	3.2864b	ppb	0.9781	29.8	0.6807
V 292.401	-0.0879b	ppb	0.3281	373.0	-10.5295
Zn 206.200	9853.17b	ppb	38.5437	0.4	8531.43

680-85958-a-1-cSD^5 (Samp) **12/26/2012, 6:45:56 PM** **Rack 1, Tube 24**

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

Label	Replicates Concentration		
Ag 328.068	0.4713	0.0722	0.2289
Al 308.215	0.6920	0.5187	-0.5890u
As 188.980	-1.9515u	3.7999	-1.5884u
B 249.678	31.7155	32.6668	31.7102
Ba 389.178	10.4296	9.9008	10.2361
Be 313.042	-0.0192u	-0.0156u	-0.0256u
Ca 370.602	7760	7706	7722
Cd 226.502	259.257	258.220	259.062
Co 228.615	-0.1914u	-0.1386u	-0.1073u
Cr 267.716	0.0171u	-0.2610u	-0.0186u
Cu 324.754	-0.7170u	-0.7412u	-0.7067u
Fe 271.441	2.9712	5.7725	4.2477
K 766.491	5656.01	5632.78	5602.16
Mg 279.078	1306.47	1313.41	1310.19
Mn 257.610	191.924	193.983	193.271
Mo 202.032	-0.0742u	0.3925	-0.0382u
Na 330.237	29058.8	29128.3	29078.3
Ni 231.604	1.0706	0.8568	0.3478
Pb 220.353	392.240	388.757	391.344
Sb 206.834	0.7822	-0.7602u	-0.2260u
Se 196.026	-1.1028u	2.9039	0.0142
Sn 189.925	-0.8953u	-0.3870u	-0.5729u
Sr 216.596	11.5810	11.2123	10.9161
Ti 334.941	0.0527	0.0068u	0.0500
Tl 190.794	1.2599	1.2787	-0.5916u
V 292.401	-0.2637u	0.1164	-0.2277u
Zn 206.200	2009.26	2001.02	2006.87

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.2575	ppb	0.2011	78.1	8.5074
Al 308.215	0.2073	ppb	0.6950	335.3	25.5071
As 188.980	0.0867	ppb	3.2209	3716.8	-2.7297
B 249.678	32.0308	ppb	0.5508	1.7	389.728
Ba 389.178	10.1888	ppb	0.2676	2.6	139.240
Be 313.042	-0.0201	ppb	0.0050	25.0	-97.9314
Ca 370.602	7729	ppb	27.91	0.4	22204
Cd 226.502	258.846	ppb	0.5510	0.2	8828.65
Co 228.615	-0.1458	ppb	0.0425	29.2	-7.8070
Cr 267.716	-0.0875	ppb	0.1513	172.9	12.3683
Cu 324.754	-0.7217	ppb	0.0177	2.5	283.966
Fe 271.441	4.3305	ppb	1.4025	32.4	-8.1392
K 766.491	5630.32	ppb	27.0105	0.5	197658
Mg 279.078	1310.02	ppb	3.4713	0.3	2369.11
Mn 257.610	193.059	ppb	1.0454	0.5	10929.3
Mo 202.032	0.0934	ppb	0.2597	278.1	3.8718
Na 330.237	29088.5	ppb	35.8811	0.1	1197.82
Ni 231.604	0.7584	ppb	0.3713	49.0	9.8175
Pb 220.353	390.780	ppb	1.8087	0.5	507.025
Sb 206.834	-0.0680	ppb	0.7833	1151.6	1.1200
Se 196.026	0.6051	ppb	2.0677	341.7	0.6589
Sn 189.925	-0.6184	ppb	0.2572	41.6	-1.9066
Sr 216.596	11.2365	ppb	0.3331	3.0	104.910
Ti 334.941	0.0365	ppb	0.0258	70.6	-18.7587
Tl 190.794	0.6490	ppb	1.0745	165.6	-1.1821
V 292.401	-0.1250	ppb	0.2098	167.9	-5.9948
Zn 206.200	2005.72	ppb	4.2376	0.2	1741.38

680-85958-a-1-c PDS (Samp) **12/26/2012, 7:05:13 PM** **Rack 1, Tube 27**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	52.5795	52.8835	52.5167
Al 308.215	1976.80	1980.93	1984.52
As 188.980	2113.35	2127.76	2107.06
B 249.678	1146.75	1147.13	1145.60
Ba 389.178	2040.54	2043.82	2041.00
Be 313.042	51.5583	51.6202	51.4908
Ca 370.602	42929	42898	42912
Cd 226.502	1299.68	1296.93	1291.48
Co 228.615	494.664	493.842	492.392
Cr 267.716	202.860	202.942	202.246
Cu 324.754	251.754	253.211	250.589
Fe 271.441	1019.31	1021.95	1013.63
K 766.491	33904.0x	33968.0x	34015.9x
Mg 279.078	11182.3	11194.4	11175.3
Mn 257.610	1444.99	1444.63	1439.28
Mo 202.032	490.888	489.642	488.375
Na 330.237	158952x	158832x	159201x
Ni 231.604	495.117	501.089	496.708
Pb 220.353	2376.16	2372.50	2370.71
Sb 206.834	485.428	482.213	480.183
Se 196.026	2016.80	2025.04	2019.20
Sn 189.925	985.920	983.065	970.861
Sr 216.596	555.424	554.173	551.380
Ti 334.941	975.310	975.723	970.176
Tl 190.794	1904.12	1888.52	1887.57
V 292.401	495.407	495.707	495.564
Zn 206.200	10090.5	10079.4	10045.4

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	52.6599b	ppb	0.1961	0.4	2265.57
Al 308.215	1980.75b	ppb	3.8638	0.2	6790.45
As 188.980	2116.06b	ppb	10.6136	0.5	1318.18
B 249.678	1146.49b	ppb	0.7968	0.1	12923.0
Ba 389.178	2041.79b	ppb	1.7729	0.1	29545.6
Be 313.042	51.5565b	ppb	0.0647	0.1	57672.9
Ca 370.602	42913b	ppb	15.81	0.0	122863
Cd 226.502	1296.03b	ppb	4.1704	0.3	44178.3
Co 228.615	493.633b	ppb	1.1505	0.2	4609.24
Cr 267.716	202.682b	ppb	0.3804	0.2	6877.28
Cu 324.754	251.851b	ppb	1.3135	0.5	14647.8
Fe 271.441	1018.29b	ppb	4.2538	0.4	1142.90
K 766.491	33962.6xb	ppb	56.1431	0.2	1190313
Mg 279.078	11184.0b	ppb	9.6729	0.1	20146.1
Mn 257.610	1442.97b	ppb	3.1954	0.2	81438.6
Mo 202.032	489.635b	ppb	1.2568	0.3	2925.68
Na 330.237	158995xb	ppb	188.414	0.1	6554.63
Ni 231.604	497.638b	ppb	3.0925	0.6	1230.02
Pb 220.353	2373.12b	ppb	2.7779	0.1	3072.11
Sb 206.834	482.608b	ppb	2.6451	0.5	633.163
Se 196.026	2020.34b	ppb	4.2389	0.2	688.493
Sn 189.925	979.949b	ppb	7.9985	0.8	636.917
Sr 216.596	553.659b	ppb	2.0707	0.4	5097.19
Ti 334.941	973.737b	ppb	3.0902	0.3	95037.4
Tl 190.794	1893.40b	ppb	9.2900	0.5	1026.46
V 292.401	495.560b	ppb	0.1499	0.0	9820.39
Zn 206.200	10071.8b	ppb	23.4658	0.2	8719.94

680-85958-a-1-d ms (Samp) **12/26/2012, 7:11:38 PM** **Rack 1, Tube 28**

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

Label	Replicates Concentration		
Ag 328.068	94.6400	94.9064	95.2167
Al 308.215	9368.12	9260.93	9276.39
As 188.980	200.890	199.599	198.280
B 249.678	522.883	524.640	526.486
Ba 389.178	235.487	236.083	236.362
Be 313.042	96.6238	96.8819	96.7453
Ca 370.602	45677	45593	45605
Cd 226.502	1278.60	1280.79	1283.70
Co 228.615	91.5958	90.4851	91.1130
Cr 267.716	190.451	191.522	191.309
Cu 324.754	189.412	187.726	187.631
Fe 271.441	9098.31	9076.37	9069.19
K 766.491	37159.2x	37046.8x	37052.4x
Mg 279.078	15184.1	15245.2	15245.0
Mn 257.610	1841.88	1872.24	1865.51
Mo 202.032	181.239	181.853	181.448
Na 330.237	156214x	156068x	155680x
Ni 231.604	187.225	187.004	188.368
Pb 220.353	1925.02	1924.18	1934.56
Sb 206.834	93.6480	92.4156	93.1480
Se 196.026	204.771	182.565	199.527
Sn 189.925	186.951	181.701	178.734
Sr 216.596	237.742	239.438	238.733
Ti 334.941	185.497	188.320	187.589
Tl 190.794	68.7586	72.1652	66.4975
V 292.401	187.328	186.718	186.891
Zn 206.200	9411.13	9436.20	9469.57

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	94.9211b	ppb	0.2886	0.3	4088.98
Al 308.215	9301.81b	ppb	57.9408	0.6	31671.1
As 188.980	199.590b	ppb	1.3049	0.7	121.776
B 249.678	524.670b	ppb	1.8015	0.3	5925.29
Ba 389.178	235.977b	ppb	0.4471	0.2	3417.17
Be 313.042	96.7503b	ppb	0.1291	0.1	108251
Ca 370.602	45625b	ppb	45.42	0.1	128139
Cd 226.502	1281.03b	ppb	2.5572	0.2	43688.3
Co 228.615	91.0647b	ppb	0.5570	0.6	843.340
Cr 267.716	191.094b	ppb	0.5673	0.3	6488.14
Cu 324.754	188.256b	ppb	1.0022	0.5	11021.7
Fe 271.441	9081.29b	ppb	15.1716	0.2	9937.61
K 766.491	37086.1xb	ppb	63.3162	0.2	1299749
Mg 279.078	15224.8b	ppb	35.1996	0.2	27421.6
Mn 257.610	1859.88b	ppb	15.9411	0.9	104962
Mo 202.032	181.513b	ppb	0.3122	0.2	1086.51
Na 330.237	155987xb	ppb	275.738	0.2	6434.12
Ni 231.604	187.533b	ppb	0.7322	0.4	468.680
Pb 220.353	1927.92b	ppb	5.7635	0.3	2496.67
Sb 206.834	93.0705b	ppb	0.6199	0.7	123.176
Se 196.026	195.621b	ppb	11.6066	5.9	67.0970
Sn 189.925	182.462b	ppb	4.1609	2.3	117.405
Sr 216.596	238.638b	ppb	0.8520	0.4	2214.87
Ti 334.941	187.136b	ppb	1.4651	0.8	18246.8
Tl 190.794	69.1404b	ppb	2.8531	4.1	36.4420
V 292.401	186.979b	ppb	0.3143	0.2	3696.97
Zn 206.200	9438.97b	ppb	29.3158	0.3	8172.53

680-85958-a-1-e msd (Samp) **12/26/2012, 7:18:04 PM** **Rack 1, Tube 29**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	94.4733	94.0037	93.7706
Al 308.215	9252.91	9294.95	9301.45
As 188.980	200.193	200.388	197.249
B 249.678	515.970	515.189	514.119
Ba 389.178	231.928	232.242	232.673
Be 313.042	95.7778	95.8887	95.7997
Ca 370.602	44274	44328	44336
Cd 226.502	1237.02	1237.09	1233.25
Co 228.615	90.0533	90.9540	90.1319
Cr 267.716	189.628	189.430	189.399
Cu 324.754	189.984	190.071	189.442
Fe 271.441	9023.49	9043.70	9022.16
K 766.491	35973.8x	36042.1x	36041.0x
Mg 279.078	14941.7	14930.9	14909.1
Mn 257.610	1805.33	1799.54	1793.22
Mo 202.032	180.829	179.653	181.115
Na 330.237	150340x	150285x	150150x
Ni 231.604	186.051	185.951	184.190
Pb 220.353	1864.34	1857.72	1859.00
Sb 206.834	90.0038	88.7617	92.4041
Se 196.026	193.638	182.305	190.587
Sn 189.925	184.069	182.354	179.981
Sr 216.596	235.073	234.739	234.538
Ti 334.941	184.712	183.770	183.146
Tl 190.794	70.3735	71.0894	63.8793
V 292.401	186.209	186.324	185.754
Zn 206.200	9101.09	9111.78	9086.23

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	94.0825b	ppb	0.3579	0.4	4052.86
Al 308.215	9283.10b	ppb	26.3531	0.3	31607.4
As 188.980	199.276b	ppb	1.7588	0.9	121.580
B 249.678	515.093b	ppb	0.9290	0.2	5817.62
Ba 389.178	232.281b	ppb	0.3743	0.2	3363.58
Be 313.042	95.8221b	ppb	0.0587	0.1	107212
Ca 370.602	44313b	ppb	33.84	0.1	124396
Cd 226.502	1235.79b	ppb	2.2003	0.2	42146.3
Co 228.615	90.3798b	ppb	0.4989	0.6	836.957
Cr 267.716	189.486b	ppb	0.1240	0.1	6433.77
Cu 324.754	189.832b	ppb	0.3407	0.2	11111.2
Fe 271.441	9029.79b	ppb	12.0702	0.1	9881.16
K 766.491	36019.0xb	ppb	39.1431	0.1	1262360
Mg 279.078	14927.3b	ppb	16.6055	0.1	26886.0
Mn 257.610	1799.36b	ppb	6.0592	0.3	101548
Mo 202.032	180.532b	ppb	0.7749	0.4	1080.65
Na 330.237	150258xb	ppb	97.5040	0.1	6197.64
Ni 231.604	185.397b	ppb	1.0470	0.6	463.433
Pb 220.353	1860.35b	ppb	3.5113	0.2	2409.20
Sb 206.834	90.3899b	ppb	1.8517	2.0	119.653
Se 196.026	188.843b	ppb	5.8644	3.1	64.7885
Sn 189.925	182.135b	ppb	2.0529	1.1	117.190
Sr 216.596	234.783b	ppb	0.2703	0.1	2179.14
Ti 334.941	183.876b	ppb	0.7884	0.4	17928.7
Tl 190.794	68.4474b	ppb	3.9723	5.8	36.0470
V 292.401	186.096b	ppb	0.3016	0.2	3679.82
Zn 206.200	9099.70b	ppb	12.8345	0.1	7878.99

680-85928-a-1-c (Samp) **12/26/2012, 7:24:30 PM** **Rack 1, Tube 30**

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

Label	Replicates Concentration		
Ag 328.068	-0.3690u	-0.5353u	-0.0105u
Al 308.215	15.7040	15.5324	15.5284
As 188.980	3.2815	-1.1586u	-2.0482u
B 249.678	89.6198	91.0692	90.1800
Ba 389.178	21.1053	20.2996	20.9230
Be 313.042	-0.0157u	-0.0175u	-0.0215u
Ca 370.602	25751	25692	25776
Cd 226.502	-0.0787u	-0.1506u	-0.0705u
Co 228.615	0.4893	-0.0536u	-0.1916u
Cr 267.716	0.1098	0.1914	0.1533
Cu 324.754	-0.7269u	-0.7108u	-0.7114u
Fe 271.441	13.0022	9.6259	12.0963
K 766.491	215.444	215.019	215.227
Mg 279.078	788.653	788.565	786.744
Mn 257.610	33.1948	33.6352	33.5934
Mo 202.032	8.7610	8.9943	9.0374
Na 330.237	129721x	129585x	130098x
Ni 231.604	0.5149	0.5095	0.6154
Pb 220.353	2.6534	-0.0078u	1.5473
Sb 206.834	-0.4440u	1.3640	1.0366
Se 196.026	3.9480	10.3484	6.1962
Sn 189.925	-0.6075u	1.5327	-0.2566u
Sr 216.596	29.4660	29.4675	29.0629
Ti 334.941	0.0731	0.1077	0.1610
Tl 190.794	0.9066	-3.9229u	2.2860
V 292.401	0.4556	0.4776	0.2787
Zn 206.200	985.072	978.677	997.416

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3049b	ppb	0.2682	87.9	-15.8928
Al 308.215	15.5883b	ppb	0.1003	0.6	77.9757
As 188.980	0.0249b	ppb	2.8551	11473.4	-2.7707
B 249.678	90.2897b	ppb	0.7309	0.8	1044.92
Ba 389.178	20.7759b	ppb	0.4225	2.0	289.910
Be 313.042	-0.0183b	ppb	0.0030	16.3	-98.3401
Ca 370.602	25740b	ppb	43.00	0.2	73838
Cd 226.502	-0.0999b	ppb	0.0441	44.1	5.3256
Co 228.615	0.0814b	ppb	0.3600	442.4	-5.9031
Cr 267.716	0.1515b	ppb	0.0408	27.0	22.8596
Cu 324.754	-0.7164b	ppb	0.0092	1.3	284.455
Fe 271.441	11.5748b	ppb	1.7475	15.1	0.1348
K 766.491	215.230b	ppb	0.2125	0.1	7933.98
Mg 279.078	787.987b	ppb	1.0778	0.1	1430.14
Mn 257.610	33.4745b	ppb	0.2431	0.7	1927.66
Mo 202.032	8.9309b	ppb	0.1487	1.7	56.6242
Na 330.237	129801xb	ppb	266.014	0.2	5390.66
Ni 231.604	0.5466b	ppb	0.0596	10.9	9.2805
Pb 220.353	1.3976b	ppb	1.3369	95.7	2.9276
Sb 206.834	0.6522b	ppb	0.9634	147.7	1.9685
Se 196.026	6.8309b	ppb	3.2470	47.5	2.7791
Sn 189.925	0.2229b	ppb	1.1479	515.0	-1.3255
Sr 216.596	29.3321b	ppb	0.2332	0.8	273.236
Ti 334.941	0.1139b	ppb	0.0443	38.9	-13.8445
Tl 190.794	-0.2434b	ppb	3.2603	1339.2	-1.7646
V 292.401	0.4040b	ppb	0.1091	27.0	1.1732
Zn 206.200	987.055b	ppb	9.5257	1.0	859.977

lb 680-260828/4-b (Samp) **12/26/2012, 7:30:57 PM** **Rack 1, Tube 31**

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

Label	Replicates Concentration		
Ag 328.068	-0.1094u	-0.1590u	-0.8255u
Al 308.215	5.2850	4.1714	2.7515
As 188.980	3.0571	-1.9449u	1.9764
B 249.678	55.1811	55.3829	55.2187
Ba 389.178	-0.1515u	0.1042	0.4205
Be 313.042	-0.0151u	-0.0041u	-0.0106u
Ca 370.602	290.3	296.1	297.2
Cd 226.502	-0.0773u	-0.1041u	-0.0351u
Co 228.615	0.0216	0.0037	0.0291
Cr 267.716	0.1468	0.1637	0.2838
Cu 324.754	-0.5391u	-0.7938u	-0.7531u
Fe 271.441	4.7690	6.8081	3.9835
K 766.491	54.8274	55.7362	55.8952
Mg 279.078	88.4979	88.7351	87.0974
Mn 257.610	-0.2761u	-0.2986u	-0.2242u
Mo 202.032	0.0642	0.2163	-0.2982u
Na 330.237	3586.46	3813.89	3937.61
Ni 231.604	0.0968	0.2522	-0.0698u
Pb 220.353	-0.5120u	0.6911	-0.5589u
Sb 206.834	3.0837	0.7733	-0.5188u
Se 196.026	3.4759	2.6692	-0.0586u
Sn 189.925	-2.2316u	-0.3385u	-1.4169u
Sr 216.596	0.4694	0.7142	0.5155
Ti 334.941	0.0727	0.1075	0.1023
Tl 190.794	-0.6142u	2.0703	-3.1062u
V 292.401	-0.0858u	0.0892	0.0517
Zn 206.200	0.9471	1.0673	0.4942

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3646	ppb	0.3999	109.7	-18.2343
Al 308.215	4.0693	ppb	1.2698	31.2	38.6541
As 188.980	1.0295	ppb	2.6320	255.7	-2.1411
B 249.678	55.2609	ppb	0.1073	0.2	650.973
Ba 389.178	0.1244	ppb	0.2865	230.3	-6.6332
Be 313.042	-0.0099	ppb	0.0055	55.3	-86.2930
Ca 370.602	294.5	ppb	3.683	1.3	880.8
Cd 226.502	-0.0722	ppb	0.0348	48.2	4.8768
Co 228.615	0.0181	ppb	0.0130	71.9	-6.2832
Cr 267.716	0.1981	ppb	0.0747	37.7	22.9536
Cu 324.754	-0.6953	ppb	0.1368	19.7	285.466
Fe 271.441	5.1869	ppb	1.4580	28.1	-7.3308
K 766.491	55.4863	ppb	0.5761	1.0	2337.17
Mg 279.078	88.1101	ppb	0.8850	1.0	169.574
Mn 257.610	-0.2663	ppb	0.0381	14.3	23.9174
Mo 202.032	-0.0059	ppb	0.2643	4484.4	3.2793
Na 330.237	3779.32	ppb	178.110	4.7	155.500
Ni 231.604	0.0931	ppb	0.1610	173.0	8.1473
Pb 220.353	-0.1266	ppb	0.7085	559.7	0.9618
Sb 206.834	1.1128	ppb	1.8251	164.0	2.6761
Se 196.026	2.0288	ppb	1.8522	91.3	1.1437
Sn 189.925	-1.3290	ppb	0.9496	71.5	-2.3788
Sr 216.596	0.5664	ppb	0.1301	23.0	5.8459
Ti 334.941	0.0942	ppb	0.0188	20.0	-12.5006
Tl 190.794	-0.5501	ppb	2.5889	470.6	-1.9431
V 292.401	0.0183	ppb	0.0922	502.4	-1.9266
Zn 206.200	0.8362	ppb	0.3022	36.1	-6.6447

680-86030-a-1-b (Samp) **12/26/2012, 7:37:23 PM** **Rack 1, Tube 32**

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

Label	Replicates Concentration		
Ag 328.068	-0.8164u	-0.5161u	-0.3081u
Al 308.215	60.6283	57.8570	59.1693
As 188.980	-2.0400u	-1.0515u	-0.4104u
B 249.678	9.3173	9.4952	8.8782
Ba 389.178	1.9733	1.8482	2.2496
Be 313.042	0.0513	0.0521	0.0519
Ca 370.602	908.9	905.6	897.6
Cd 226.502	-0.1625u	-0.1251u	-0.0246u
Co 228.615	0.0502	0.2288	-0.0890u
Cr 267.716	0.4334	0.2078	0.2440
Cu 324.754	3.1437	2.9986	3.3950
Fe 271.441	89.9930	85.0755	86.8050
K 766.491	42.8967	42.4682	41.0710
Mg 279.078	71.3419	72.8968	72.2905
Mn 257.610	21.3660	21.6993	21.3520
Mo 202.032	-0.2900u	-0.1027u	-0.0648u
Na 330.237	954.442	953.154	1047.78
Ni 231.604	-0.1646u	0.5035	0.6981
Pb 220.353	-0.0925u	0.9542	0.9686
Sb 206.834	1.3110	2.0939	0.1625
Se 196.026	2.2139	0.4208	10.3718
Sn 189.925	-1.4152u	0.1736	-1.4547u
Sr 216.596	1.2208	2.3855	1.7636
Ti 334.941	0.0865	0.2223	0.2129
Tl 190.794	-1.0572u	3.2186	-4.8780u
V 292.401	0.2422	0.2697	0.0260
Zn 206.200	5.6538	7.2504	6.9675

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.5468	ppb	0.2555	46.7	-26.1157
Al 308.215	59.2182	ppb	1.3863	2.3	226.218
As 188.980	-1.1673	ppb	0.8210	70.3	-3.5125
B 249.678	9.2302	ppb	0.3176	3.4	133.249
Ba 389.178	2.0237	ppb	0.2054	10.1	20.7770
Be 313.042	0.0518	ppb	0.0004	0.8	-16.9528
Ca 370.602	904.0	ppb	5.783	0.6	2605
Cd 226.502	-0.1041	ppb	0.0713	68.5	4.0497
Co 228.615	0.0633	ppb	0.1593	251.6	-5.8495
Cr 267.716	0.2951	ppb	0.1212	41.1	26.2245
Cu 324.754	3.1791	ppb	0.2006	6.3	505.505
Fe 271.441	87.2912	ppb	2.4945	2.9	82.5823
K 766.491	42.1453	ppb	0.9547	2.3	1869.75
Mg 279.078	72.1764	ppb	0.7837	1.1	140.661
Mn 257.610	21.4724	ppb	0.1966	0.9	1250.06
Mo 202.032	-0.1525	ppb	0.1206	79.1	2.4022
Na 330.237	985.125	ppb	54.2643	5.5	39.2704
Ni 231.604	0.3457	ppb	0.4525	130.9	8.7687
Pb 220.353	0.6101	ppb	0.6085	99.7	1.9190
Sb 206.834	1.1891	ppb	0.9715	81.7	2.7829
Se 196.026	4.3355	ppb	5.3039	122.3	1.9295
Sn 189.925	-0.8988	ppb	0.9289	103.4	-2.0990
Sr 216.596	1.7900	ppb	0.5828	32.6	17.3150
Ti 334.941	0.1739	ppb	0.0758	43.6	-4.6361
Tl 190.794	-0.9055	ppb	4.0504	447.3	-2.1283
V 292.401	0.1793	ppb	0.1335	74.5	1.2515
Zn 206.200	6.6239	ppb	0.8520	12.9	11.6520

680-86030-b-2-b (Samp) **12/26/2012, 7:43:50 PM** **Rack 1, Tube 33**

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

Label	Replicates Concentration		
Ag 328.068	-0.2646u	-0.1301u	-0.5178u
Al 308.215	13.6880	14.2137	13.0236
As 188.980	-0.3055u	1.7915	-0.6145u
B 249.678	36.3079	36.2531	36.3993
Ba 389.178	0.4590	0.9612	0.9566
Be 313.042	0.0190	0.0147	0.0208
Ca 370.602	392.8	396.2	399.9
Cd 226.502	-0.0877u	-0.1193u	-0.1068u
Co 228.615	-0.1036u	0.0861	0.1390
Cr 267.716	0.5090	0.4241	0.5154
Cu 324.754	1.4601	1.8987	1.6258
Fe 271.441	32.7935	43.4662	41.5868
K 766.491	52.4234	52.1958	52.9683
Mg 279.078	93.0074	93.5211	94.3793
Mn 257.610	3.8926	3.9226	3.9189
Mo 202.032	0.0625	0.0452	0.3581
Na 330.237	3692.51	3765.71	3924.32
Ni 231.604	-0.3462u	0.6297	0.5046
Pb 220.353	0.6696	-0.0800u	1.2473
Sb 206.834	2.0159	0.4201	-1.1475u
Se 196.026	1.2441	-0.7728u	8.8377
Sn 189.925	0.0495	-1.2785u	-1.6890u
Sr 216.596	1.2321	1.0686	0.8527
Ti 334.941	0.2329	0.1858	0.0798
Tl 190.794	-3.0634u	3.9405	1.3633
V 292.401	0.1313	0.1845	0.2911
Zn 206.200	7.8888	8.2309	8.0613

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3042	ppb	0.1969	64.7	-15.6340
Al 308.215	13.6417	ppb	0.5964	4.4	71.2172
As 188.980	0.2905	ppb	1.3090	450.6	-2.6025
B 249.678	36.3201	ppb	0.0739	0.2	437.939
Ba 389.178	0.7923	ppb	0.2886	36.4	3.0298
Be 313.042	0.0182	ppb	0.0031	17.1	-54.8163
Ca 370.602	396.3	ppb	3.555	0.9	1163
Cd 226.502	-0.1046	ppb	0.0159	15.2	3.8599
Co 228.615	0.0405	ppb	0.1276	314.9	-6.0711
Cr 267.716	0.4828	ppb	0.0509	10.6	32.6075
Cu 324.754	1.6615	ppb	0.2215	13.3	419.321
Fe 271.441	39.2822	ppb	5.6974	14.5	29.9946
K 766.491	52.5292	ppb	0.3970	0.8	2233.57
Mg 279.078	93.6359	ppb	0.6932	0.7	179.490
Mn 257.610	3.9114	ppb	0.0163	0.4	259.569
Mo 202.032	0.1553	ppb	0.1759	113.3	4.2402
Na 330.237	3794.18	ppb	118.496	3.1	156.076
Ni 231.604	0.2627	ppb	0.5310	202.2	8.5649
Pb 220.353	0.6123	ppb	0.6655	108.7	1.9193
Sb 206.834	0.4295	ppb	1.5818	368.3	1.7780
Se 196.026	3.1030	ppb	5.0678	163.3	1.5096
Sn 189.925	-0.9727	ppb	0.9087	93.4	-2.1466
Sr 216.596	1.0511	ppb	0.1903	18.1	10.3787
Ti 334.941	0.1662	ppb	0.0784	47.2	-5.4639
Tl 190.794	0.7468	ppb	3.5424	474.4	-1.2398
V 292.401	0.2023	ppb	0.0814	40.2	1.7309
Zn 206.200	8.0603	ppb	0.1711	2.1	12.8945

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mb 680-260950/10-a (Samp) **12/26/2012, 7:50:17 PM** **Rack 1, Tube 34**

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

Label	Replicates Concentration		
Ag 328.068	-0.6214u	-0.4416u	-0.1196u
Al 308.215	4.8625	4.1061	2.3385
As 188.980	1.1435	-3.5643u	-2.3194u
B 249.678	1.9010	2.0046	1.8238
Ba 389.178	-1.1556u	-1.6671u	-0.6021u
Be 313.042	-0.0106u	-0.0115u	-0.0141u
Ca 370.602	-5.830u	-1.497u	-6.112u
Cd 226.502	-0.1058u	-0.0189u	-0.0154u
Co 228.615	-0.1898u	-0.0066u	-0.2402u
Cr 267.716	-0.0549u	0.0123	-0.0566u
Cu 324.754	-0.9450u	-0.8741u	-0.7203u
Fe 271.441	6.9444	-0.2971u	4.4130
K 766.491	-5.5545u	-4.9100u	-5.2928u
Mg 279.078	-2.3089u	-0.6562u	-0.8124u
Mn 257.610	-0.3348u	-0.3255u	-0.3533u
Mo 202.032	0.0320	0.0908	-0.0689u
Na 330.237	13.2513	41.6444	-93.0481u
Ni 231.604	-0.9166u	-0.2025u	-0.6643u
Pb 220.353	2.0995	0.4724	0.4686
Sb 206.834	1.0344	-0.8618u	1.9542
Se 196.026	2.4269	4.0231	-2.5882u
Sn 189.925	-1.0294u	-3.6965u	1.7352
Sr 216.596	-0.0441u	0.0991	-0.1444u
Ti 334.941	-0.0053u	0.0368	0.0277
Tl 190.794	2.3383	-0.1592u	2.5563
V 292.401	0.2073	0.0057	0.1205
Zn 206.200	-0.9689u	-0.0230u	-0.1538u

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3942	ppb	0.2542	64.5	-19.5014
Al 308.215	3.7690	ppb	1.2953	34.4	37.6360
As 188.980	-1.5801	ppb	2.4394	154.4	-3.7703
B 249.678	1.9098	ppb	0.0907	4.7	50.9644
Ba 389.178	-1.1416	ppb	0.5326	46.7	-24.9994
Be 313.042	-0.0121	ppb	0.0018	15.1	-88.6144
Ca 370.602	-4.480	ppb	2.587	57.8	25.00
Cd 226.502	-0.0467	ppb	0.0512	109.7	5.7265
Co 228.615	-0.1455	ppb	0.1230	84.5	-7.8104
Cr 267.716	-0.0331	ppb	0.0393	118.7	15.0727
Cu 324.754	-0.8465	ppb	0.1149	13.6	276.876
Fe 271.441	3.6868	ppb	3.6750	99.7	-8.9868
K 766.491	-5.2525	ppb	0.3241	6.2	209.119
Mg 279.078	-1.2591	ppb	0.9124	72.5	8.5688
Mn 257.610	-0.3379	ppb	0.0141	4.2	19.7861
Mo 202.032	0.0180	ppb	0.0808	449.4	3.4219
Na 330.237	-12.7174	ppb	71.0021	558.3	-2.1655
Ni 231.604	-0.5944	ppb	0.3621	60.9	6.4587
Pb 220.353	1.0135	ppb	0.9405	92.8	2.4377
Sb 206.834	0.7089	ppb	1.4359	202.5	2.1436
Se 196.026	1.2872	ppb	3.4499	268.0	0.8912
Sn 189.925	-0.9969	ppb	2.7160	272.4	-2.1635
Sr 216.596	-0.0298	ppb	0.1223	410.4	0.3372
Ti 334.941	0.0197	ppb	0.0221	112.2	-19.6741
Tl 190.794	1.5785	ppb	1.5088	95.6	-0.7890
V 292.401	0.1111	ppb	0.1011	91.0	-0.0092
Zn 206.200	-0.3819	ppb	0.5125	134.2	5.5900

680-85911-b-1-c (Samp) **12/26/2012, 7:56:45 PM** **Rack 1, Tube 35**

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

Label	Replicates Concentration		
Ag 328.068	-0.6185u	-0.1654u	-0.5910u
Al 308.215	11.0423	12.5230	10.5585
As 188.980	-0.8236u	1.5746	-4.9836u
B 249.678	254.360	253.913	253.963
Ba 389.178	15.2531	14.8768	14.7981
Be 313.042	-0.0115u	-0.0134u	-0.0180u
Ca 370.602	13265	13276	13255
Cd 226.502	-0.0733u	-0.2259u	-0.1030u
Co 228.615	0.1609	-0.5059u	0.0546u
Cr 267.716	0.2353	0.1196	0.2588
Cu 324.754	-0.9541u	-0.7158u	-0.7333u
Fe 271.441	94.2227	92.9641	95.9649
K 766.491	418.330	418.734	416.788
Mg 279.078	308.795	308.212	310.221
Mn 257.610	10.4812	10.3587	10.2385
Mo 202.032	44.9742	45.3707	44.2100
Na 330.237	135041x	135357x	135058x
Ni 231.604	-0.2113u	0.2928	0.3438
Pb 220.353	-0.9908u	1.8373	-0.5053u
Sb 206.834	0.7250	0.0154u	2.8147
Se 196.026	8.1488	-3.2950u	4.4361
Sn 189.925	-3.2073u	-1.8634u	-2.0170u
Sr 216.596	9.5061	9.0495	8.8699
Ti 334.941	0.0925	0.0260u	0.1798
Tl 190.794	-1.2201u	1.5033	-3.1061u
V 292.401	0.3574	0.1216u	0.1766u
Zn 206.200	2495.16	2483.55	2467.75

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4583b	ppb	0.2540	55.4	-22.3637
Al 308.215	11.3746b	ppb	1.0236	9.0	64.1869
As 188.980	-1.4108b	ppb	3.3183	235.2	-3.6765
B 249.678	254.079b	ppb	0.2446	0.1	2886.92
Ba 389.178	14.9760b	ppb	0.2432	1.6	207.093
Be 313.042	-0.0143b	ppb	0.0034	23.6	-97.9353
Ca 370.602	13265b	ppb	10.48	0.1	38045
Cd 226.502	-0.1341b	ppb	0.0809	60.3	3.3598
Co 228.615	-0.0968b	ppb	0.3582	370.1	-8.4125
Cr 267.716	0.2046b	ppb	0.0745	36.4	24.7219
Cu 324.754	-0.8011b	ppb	0.1328	16.6	280.387
Fe 271.441	94.3839b	ppb	1.5069	1.6	90.6385
K 766.491	417.951b	ppb	1.0273	0.2	15036.5
Mg 279.078	309.076b	ppb	1.0334	0.3	567.567
Mn 257.610	10.3595b	ppb	0.1214	1.2	623.398
Mo 202.032	44.8517b	ppb	0.5900	1.3	271.036
Na 330.237	135152xb	ppb	177.765	0.1	5605.68
Ni 231.604	0.1418b	ppb	0.3068	216.4	8.2777
Pb 220.353	0.1138b	ppb	1.5123	1329.4	1.2161
Sb 206.834	1.1850b	ppb	1.4553	122.8	2.2669
Se 196.026	3.0966b	ppb	5.8383	188.5	1.5076
Sn 189.925	-2.3626b	ppb	0.7356	31.1	-3.0129
Sr 216.596	9.1418b	ppb	0.3280	3.6	85.6406
Ti 334.941	0.0994b	ppb	0.0771	77.6	-15.5823
Tl 190.794	-0.9409b	ppb	2.3174	246.3	-2.1903
V 292.401	0.2185b	ppb	0.1234	56.5	-4.9391
Zn 206.200	2482.15b	ppb	13.7587	0.6	2453.59

mb 680-260971/1-a (Samp) **12/26/2012, 8:03:12 PM** **Rack 1, Tube 36**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.4029u	-0.4204u	-0.6589u
Al 308.215	-1.6173u	-1.7695u	0.0262
As 188.980	2.9521	0.9634	-0.6191u
B 249.678	1.1486	1.5883	1.2842
Ba 389.178	-0.4920u	0.3472	0.3972
Be 313.042	-0.0227u	-0.0189u	-0.0201u
Ca 370.602	-5.534u	-7.636u	-8.759u
Cd 226.502	-0.0903u	-0.0877u	-0.0041u
Co 228.615	0.2466	-0.2642u	0.2738
Cr 267.716	-0.1876u	0.0150	-0.1557u
Cu 324.754	-1.0329u	-0.8907u	-1.0403u
Fe 271.441	-0.5665u	-1.0321u	1.2700
K 766.491	-5.6662u	-5.4978u	-5.4931u
Mg 279.078	-1.3294u	-0.2964u	0.5648
Mn 257.610	-0.4740u	-0.4473u	-0.3705u
Mo 202.032	-0.2020u	-0.0733u	0.4329
Na 330.237	-63.4891u	-6.3247u	-90.9194u
Ni 231.604	-1.2340u	0.1412	-0.3167u
Pb 220.353	0.6163	1.3337	0.4055
Sb 206.834	-0.3088u	-0.0597u	0.9354
Se 196.026	7.0307	-2.6034u	1.7773
Sn 189.925	-2.4226u	-1.7442u	-0.5610u
Sr 216.596	-0.3056u	0.2189	0.0251
Ti 334.941	-0.0128u	-0.0278u	0.0242
Tl 190.794	4.6741	3.6898	5.6845
V 292.401	0.2978	0.3436	0.0617
Zn 206.200	-1.2114u	-1.9935u	-1.3002u

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4941	ppb	0.1430	28.9	-23.8118
Al 308.215	-1.1202	ppb	0.9957	88.9	21.0139
As 188.980	1.0988	ppb	1.7895	162.9	-2.0978
B 249.678	1.3404	ppb	0.2251	16.8	44.5625
Ba 389.178	0.0841	ppb	0.4996	593.8	-7.2611
Be 313.042	-0.0206	ppb	0.0019	9.3	-98.1094
Ca 370.602	-7.309	ppb	1.637	22.4	17.84
Cd 226.502	-0.0607	ppb	0.0490	80.8	5.2395
Co 228.615	0.0854	ppb	0.3031	354.8	-5.6575
Cr 267.716	-0.1094	ppb	0.1089	99.5	12.4846
Cu 324.754	-0.9880	ppb	0.0843	8.5	268.841
Fe 271.441	-0.1095	ppb	1.2172	1111.2	-13.1346
K 766.491	-5.5524	ppb	0.0986	1.8	198.611
Mg 279.078	-0.3537	ppb	0.9484	268.2	10.2006
Mn 257.610	-0.4306	ppb	0.0537	12.5	14.5549
Mo 202.032	0.0525	ppb	0.3356	638.8	3.6281
Na 330.237	-53.5777	ppb	43.1595	80.6	-3.8587
Ni 231.604	-0.4698	ppb	0.7003	149.0	6.7639
Pb 220.353	0.7851	ppb	0.4866	62.0	2.1420
Sb 206.834	0.1890	ppb	0.6583	348.4	1.4562
Se 196.026	2.0682	ppb	4.8237	233.2	1.1571
Sn 189.925	-1.5759	ppb	0.9422	59.8	-2.5407
Sr 216.596	-0.0205	ppb	0.2652	1290.6	0.4114
Ti 334.941	-0.0055	ppb	0.0268	489.5	-22.1361
Tl 190.794	4.6828	ppb	0.9974	21.3	0.8940
V 292.401	0.2344	ppb	0.1513	64.6	2.4355
Zn 206.200	-1.5017	ppb	0.4282	28.5	-4.6214

lcs 680-260971/2-a (Samp) **12/26/2012, 8:22:30 PM** **Rack 1, Tube 39**

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

Label	Replicates Concentration		
Ag 328.068	51.3005	51.4461	50.7797
Al 308.215	5114.49	5110.16	5099.69
As 188.980	111.166	105.915	108.204
B 249.678	212.438	210.944	210.249
Ba 389.178	103.468	102.138	102.592
Be 313.042	55.1511	54.9201	54.8724
Ca 370.602	5205	5184	5178
Cd 226.502	51.8981	52.1083	51.7385
Co 228.615	53.3747	52.6485	51.7291
Cr 267.716	108.805	108.512	108.334
Cu 324.754	108.321	107.074	106.694
Fe 271.441	5235.97	5240.02	5222.03
K 766.491	5306.67	5294.19	5280.00
Mg 279.078	5204.89	5171.79	5164.55
Mn 257.610	551.712	547.556	545.831
Mo 202.032	103.213	103.290	102.573
Na 330.237	4756.72	4854.90	4814.96
Ni 231.604	104.373	102.764	103.325
Pb 220.353	52.4108	51.4032	50.6519
Sb 206.834	51.9649	51.7037	49.8343
Se 196.026	107.885	104.021	98.3726
Sn 189.925	103.047	103.343	101.221
Sr 216.596	106.284	105.035	104.353
Ti 334.941	104.992	104.295	103.967
Tl 190.794	39.6712	41.1222	38.8486
V 292.401	107.001	106.172	105.988
Zn 206.200	107.053	104.469	105.533

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.1754	ppb	0.3504	0.7	2203.53
Al 308.215	5108.11	ppb	7.6102	0.1	17403.7
As 188.980	108.428	ppb	2.6328	2.4	64.8826
B 249.678	211.210	ppb	1.1186	0.5	2402.02
Ba 389.178	102.732	ppb	0.6761	0.7	1483.63
Be 313.042	54.9812	ppb	0.1491	0.3	61485.8
Ca 370.602	5189	ppb	14.00	0.3	13341
Cd 226.502	51.9150	ppb	0.1855	0.4	1790.51
Co 228.615	52.5841	ppb	0.8247	1.6	484.252
Cr 267.716	108.550	ppb	0.2380	0.2	3694.74
Cu 324.754	107.363	ppb	0.8513	0.8	6425.35
Fe 271.441	5232.67	ppb	9.4367	0.2	5720.19
K 766.491	5293.62	ppb	13.3446	0.3	185861
Mg 279.078	5180.41	ppb	21.5074	0.4	9338.44
Mn 257.610	548.366	ppb	3.0235	0.6	30976.3
Mo 202.032	103.026	ppb	0.3936	0.4	618.118
Na 330.237	4808.86	ppb	49.3735	1.0	196.105
Ni 231.604	103.488	ppb	0.8169	0.8	262.091
Pb 220.353	51.4886	ppb	0.8825	1.7	67.6124
Sb 206.834	51.1676	ppb	1.1620	2.3	68.2459
Se 196.026	103.426	ppb	4.7839	4.6	35.6891
Sn 189.925	102.537	ppb	1.1495	1.1	65.2851
Sr 216.596	105.224	ppb	0.9795	0.9	976.942
Ti 334.941	104.418	ppb	0.5233	0.5	10173.9
Tl 190.794	39.8807	ppb	1.1512	2.9	20.0257
V 292.401	106.387	ppb	0.5398	0.5	2106.05
Zn 206.200	105.685	ppb	1.2985	1.2	97.0786

E12262012B.wvq. All Data Report 12/27/2012, 2:42:00 PM

680-85352-a-2-a (Samp) **12/26/2012, 8:28:55 PM** **Rack 1, Tube 40**

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

Label	Replicates Concentration		
Ag 328.068	-0.6025u	-0.5268u	-0.1409u
Al 308.215	64.8653	61.6796	63.2741
As 188.980	0.3717	1.8564	-0.1467u
B 249.678	39.3797	39.2641	38.8376
Ba 389.178	20.5057	20.3110	20.3189
Be 313.042	-0.0251u	-0.0246u	-0.0302u
Ca 370.602	48544	48432	48498
Cd 226.502	-0.3654u	-0.4035u	-0.3543u
Co 228.615	-0.5325u	-0.4940u	-0.3004u
Cr 267.716	2.0149	2.2786	2.1424
Cu 324.754	-0.2471u	-0.4680u	-0.6930u
Fe 271.441	69.2236	60.4714	67.2626
K 766.491	4019.24	4006.53	4001.10
Mg 279.078	8848.48	8872.59	8847.16
Mn 257.610	29.5321	29.8826	29.7600
Mo 202.032	1.0433	1.5372	1.2356
Na 330.237	10364.0	10149.1	10338.8
Ni 231.604	2.5418	1.5481	2.1677
Pb 220.353	0.2876	0.8839	1.0448
Sb 206.834	2.1717	0.5509	1.8794
Se 196.026	5.0926	10.4270	13.0422
Sn 189.925	-3.7211u	-2.3110u	-0.9394u
Sr 216.596	337.004	338.529	337.502
Ti 334.941	1.7717	1.7280	1.8068
Tl 190.794	-3.2668u	-7.8049u	-2.8250u
V 292.401	7.3815	7.5939	7.3145
Zn 206.200	-0.6997u	-0.9026u	-0.2920u

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4234	ppb	0.2476	58.5	-23.2565
Al 308.215	63.2730	ppb	1.5929	2.5	240.336
As 188.980	0.6938	ppb	1.0397	149.8	-2.3510
B 249.678	39.1605	ppb	0.2855	0.7	469.877
Ba 389.178	20.3785	ppb	0.1102	0.5	288.786
Be 313.042	-0.0266	ppb	0.0031	11.6	-94.5727
Ca 370.602	48491	ppb	56.28	0.1	139056
Cd 226.502	-0.3744	ppb	0.0258	6.9	-1.4377
Co 228.615	-0.4423	ppb	0.1244	28.1	-10.5753
Cr 267.716	2.1453	ppb	0.1318	6.1	88.9862
Cu 324.754	-0.4694	ppb	0.2230	47.5	298.292
Fe 271.441	65.6525	ppb	4.5929	7.0	59.7797
K 766.491	4008.96	ppb	9.3123	0.2	140852
Mg 279.078	8856.08	ppb	14.3139	0.2	15965.5
Mn 257.610	29.7249	ppb	0.1779	0.6	1725.11
Mo 202.032	1.2720	ppb	0.2490	19.6	10.9017
Na 330.237	10284.0	ppb	117.448	1.1	425.610
Ni 231.604	2.0859	ppb	0.5019	24.1	13.2954
Pb 220.353	0.7388	ppb	0.3990	54.0	2.0825
Sb 206.834	1.5340	ppb	0.8638	56.3	3.2287
Se 196.026	9.5206	ppb	4.0516	42.6	3.6953
Sn 189.925	-2.3238	ppb	1.3909	59.9	-3.0078
Sr 216.596	337.678	ppb	0.7773	0.2	3124.73
Ti 334.941	1.7688	ppb	0.0395	2.2	150.999
Tl 190.794	-4.6322	ppb	2.7565	59.5	-4.1374
V 292.401	7.4299	ppb	0.1459	2.0	140.145
Zn 206.200	-0.6315	ppb	0.3110	49.2	-5.5126

E12262012B.wvq. All Data Report 12/27/2012, 2:42:00 PM

680-85655-r-1-b (Samp) **12/26/2012, 8:35:21 PM** **Rack 1, Tube 41**

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

Label	Replicates Concentration		
Ag 328.068	-0.6355u	-0.5429u	-0.4719u
Al 308.215	28.5026	28.0123	28.2823
As 188.980	4.1293	2.0594	5.0792
B 249.678	121.001	121.679	120.674
Ba 389.178	48.3915	48.5916	47.8711
Be 313.042	-0.0279u	-0.0181	-0.0173
Ca 370.602	124086	124008	124205
Cd 226.502	-0.4701u	-0.3991u	-0.3938u
Co 228.615	0.0384u	-0.3447u	0.0212u
Cr 267.716	0.3224	0.2431	0.1385
Cu 324.754	2.5563	3.0075	2.5142
Fe 271.441	51.0760	52.1438	50.0136
K 766.491	3387.99	3382.18	3396.01
Mg 279.078	67185.8	67155.8	67066.4
Mn 257.610	51.2085	51.2558	51.1991
Mo 202.032	20.3786	19.5619	20.3117
Na 330.237	35303.5	35010.0	35378.2
Ni 231.604	4.2281	4.1789	5.0407
Pb 220.353	2.5594	0.8881	0.6409
Sb 206.834	2.4868	-0.2217u	1.8206
Se 196.026	2.1462	10.8940	8.4338
Sn 189.925	2.2304	2.2799	0.4257
Sr 216.596	948.894	946.676	945.429
Ti 334.941	0.7732	0.8077	0.7721
Tl 190.794	-0.7938u	-1.5158u	-1.8300u
V 292.401	0.4221u	0.1874u	0.3064u
Zn 206.200	2.5759	-1.3210u	1.3076

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.5501	ppb	0.0821	14.9	-33.5417
Al 308.215	28.2657	ppb	0.2455	0.9	121.232
As 188.980	3.7560	ppb	1.5442	41.1	-0.4442
B 249.678	121.118	ppb	0.5126	0.4	1391.61
Ba 389.178	48.2848	ppb	0.3720	0.8	736.459
Be 313.042	-0.0211	ppb	0.0059	28.1	-75.3156
Ca 370.602	124100	ppb	99.55	0.1	355846
Cd 226.502	-0.4210	ppb	0.0426	10.1	3.3672
Co 228.615	-0.0950	ppb	0.2164	227.8	-7.7935
Cr 267.716	0.2347	ppb	0.0922	39.3	24.5806
Cu 324.754	2.6927	ppb	0.2735	10.2	478.311
Fe 271.441	51.0778	ppb	1.0651	2.1	45.1014
K 766.491	3388.73	ppb	6.9454	0.2	119121
Mg 279.078	67136.0	ppb	62.1479	0.1	120961
Mn 257.610	51.2211	ppb	0.0304	0.1	3000.55
Mo 202.032	20.0841	ppb	0.4535	2.3	123.198
Na 330.237	35230.6	ppb	194.656	0.6	1460.58
Ni 231.604	4.4826	ppb	0.4840	10.8	20.8989
Pb 220.353	1.3628	ppb	1.0436	76.6	2.8713
Sb 206.834	1.3619	ppb	1.4113	103.6	2.7819
Se 196.026	7.1580	ppb	4.5113	63.0	2.8906
Sn 189.925	1.6453	ppb	1.0565	64.2	-0.3887
Sr 216.596	947.000	ppb	1.7551	0.2	8760.96
Ti 334.941	0.7843	ppb	0.0203	2.6	55.0737
Tl 190.794	-1.3799	ppb	0.5313	38.5	-2.3821
V 292.401	0.3053	ppb	0.1173	38.4	-12.0652
Zn 206.200	0.8542	ppb	1.9876	232.7	-7.7677

680-85655-r-2-b (Samp) **12/26/2012, 8:41:47 PM** **Rack 1, Tube 42**

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

Label	Replicates Concentration		
Ag 328.068	-0.3353u	-0.3163u	-0.5743u
Al 308.215	18.3683	19.3225	19.3493
As 188.980	-0.7482u	-1.1154u	5.1351
B 249.678	2503.04	2527.23	2501.76
Ba 389.178	36.4084	35.8245	35.1363
Be 313.042	-0.0899u	-0.0909u	-0.0787u
Ca 370.602	302566	303176	302158
Cd 226.502	-0.6956	-0.8564u	-0.7193
Co 228.615	-0.0299u	-0.5739u	-0.0078u
Cr 267.716	0.2458	0.1053	0.0496
Cu 324.754	5.0509	5.3045	5.2861
Fe 271.441	7.5165	9.4939	11.6822
K 766.491	5179.76	5164.14	5160.94
Mg 279.078	108373	108921	108260
Mn 257.610	695.547	703.239	691.660
Mo 202.032	6.6995	6.9211	7.5510
Na 330.237	71136.4	71030.6	70984.0
Ni 231.604	3.1446	3.4708	3.4861
Pb 220.353	-0.3762u	-1.2286u	-1.1464u
Sb 206.834	2.7856	1.8900	-0.4024u
Se 196.026	-1.9940u	4.6089	9.4135
Sn 189.925	-4.6307u	-5.0461u	-2.5373u
Sr 216.596	720.991	724.742	719.082
Ti 334.941	0.7812	0.7134	0.7469
Tl 190.794	-7.0620u	-2.0631u	1.5601
V 292.401	2.2415	2.0020	1.8737
Zn 206.200	48.8300	50.3632	48.4870

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4086	ppb	0.1438	35.2	-26.4529
Al 308.215	19.0134	ppb	0.5588	2.9	89.5966
As 188.980	1.0905	ppb	3.5076	321.7	-2.1049
B 249.678	2510.68	ppb	14.3490	0.6	28265.7
Ba 389.178	35.7897	ppb	0.6368	1.8	572.042
Be 313.042	-0.0865	ppb	0.0068	7.8	-105.970
Ca 370.602	302633	ppb	512.1	0.2	867772
Cd 226.502	-0.7571	ppb	0.0868	11.5	6.0766
Co 228.615	-0.2039	ppb	0.3206	157.3	-8.5046
Cr 267.716	0.1336	ppb	0.1011	75.7	21.5674
Cu 324.754	5.2139	ppb	0.1414	2.7	621.225
Fe 271.441	9.5642	ppb	2.0838	21.8	2.7906
K 766.491	5168.28	ppb	10.0714	0.2	181470
Mg 279.078	108518	ppb	353.481	0.3	195508
Mn 257.610	696.815	ppb	5.8931	0.8	39458.6
Mo 202.032	7.0572	ppb	0.4418	6.3	45.4394
Na 330.237	71050.3	ppb	78.1090	0.1	2948.12
Ni 231.604	3.3672	ppb	0.1929	5.7	19.3799
Pb 220.353	-0.9171	ppb	0.4702	51.3	0.0324
Sb 206.834	1.4244	ppb	1.6442	115.4	3.0094
Se 196.026	4.0095	ppb	5.7273	142.8	1.8183
Sn 189.925	-4.0714	ppb	1.3446	33.0	-4.0393
Sr 216.596	721.605	ppb	2.8795	0.4	6689.15
Ti 334.941	0.7472	ppb	0.0339	4.5	51.2649
Tl 190.794	-2.5216	ppb	4.3293	171.7	-2.6209
V 292.401	2.0390	ppb	0.1867	9.2	2.7723
Zn 206.200	49.2267	ppb	0.9990	2.0	50.3029

680-85655-r-3-b (Samp) **12/26/2012, 8:48:13 PM** **Rack 1, Tube 43**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.0406u	-0.3851u	-0.5093u
Al 308.215	39.3409	36.8720	36.3349
As 188.980	-1.6523u	3.2923	4.3387
B 249.678	87.9829	86.5577	85.5062
Ba 389.178	19.9494	20.2086	20.0958
Be 313.042	-0.0548u	-0.0496u	-0.0576u
Ca 370.602	173659	173418	173292
Cd 226.502	-0.6420u	-0.4736u	-0.5315u
Co 228.615	1.0745	1.2801	0.8643
Cr 267.716	0.1422	0.1931	0.2917
Cu 324.754	-0.1272u	-0.0027u	-0.0435u
Fe 271.441	136.795	145.167	135.638
K 766.491	3490.66	3496.11	3493.24
Mg 279.078	99464.9	99442.2	99442.8
Mn 257.610	177.614	178.502	178.626
Mo 202.032	5.6739	5.9359	6.0468
Na 330.237	24024.9	24080.6	24240.6
Ni 231.604	0.6330	1.0801	0.8831
Pb 220.353	2.0494	-0.0691u	-0.0419u
Sb 206.834	-0.4182u	0.2763	1.7421
Se 196.026	2.7722	7.6814	1.5542
Sn 189.925	-1.0630u	-0.6171u	0.3033
Sr 216.596	626.214	625.623	626.274
Ti 334.941	1.1203	1.1303	1.1013
Tl 190.794	-1.6370u	4.0509	-3.2048u
V 292.401	0.0107u	0.3377u	0.4484u
Zn 206.200	3.0386	3.5884	1.6368

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3117	ppb	0.2428	77.9	-21.3846
Al 308.215	37.5159	ppb	1.6031	4.3	152.459
As 188.980	1.9929	ppb	3.1999	160.6	-1.5411
B 249.678	86.6823	ppb	1.2430	1.4	1004.28
Ba 389.178	20.0846	ppb	0.1300	0.6	351.684
Be 313.042	-0.0540	ppb	0.0040	7.5	-100.688
Ca 370.602	173456	ppb	186.1	0.1	497338
Cd 226.502	-0.5491	ppb	0.0856	15.6	3.5111
Co 228.615	1.0730	ppb	0.2079	19.4	3.4599
Cr 267.716	0.2090	ppb	0.0760	36.4	23.6003
Cu 324.754	-0.0578	ppb	0.0635	109.8	321.805
Fe 271.441	139.200	ppb	5.1999	3.7	142.479
K 766.491	3493.33	ppb	2.7268	0.1	122786
Mg 279.078	99449.9	ppb	12.9306	0.0	179176
Mn 257.610	178.247	ppb	0.5520	0.3	10200.1
Mo 202.032	5.8855	ppb	0.1915	3.3	38.4415
Na 330.237	24115.4	ppb	111.999	0.5	997.082
Ni 231.604	0.8654	ppb	0.2241	25.9	12.9816
Pb 220.353	0.6461	ppb	1.2153	188.1	1.9832
Sb 206.834	0.5334	ppb	1.1029	206.8	1.8526
Se 196.026	4.0026	ppb	3.2436	81.0	1.8163
Sn 189.925	-0.4589	ppb	0.6967	151.8	-1.7448
Sr 216.596	626.037	ppb	0.3598	0.1	5797.96
Ti 334.941	1.1173	ppb	0.0147	1.3	88.4674
Tl 190.794	-0.2636	ppb	3.8178	1448.2	-1.6982
V 292.401	0.2656	ppb	0.2276	85.7	-16.7511
Zn 206.200	2.7546	ppb	1.0063	36.5	0.9446

680-85722-v-1-b (Samp) **12/26/2012, 8:54:40 PM** **Rack 1, Tube 44**

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

Label	Replicates Concentration		
Ag 328.068	-0.5107u	-0.5381u	-0.4607u
Al 308.215	209.144	208.828	209.724
As 188.980	4.3815	2.7994	5.9789
B 249.678	62.6274	63.1157	62.3260
Ba 389.178	53.1700	52.8148	53.7382
Be 313.042	-0.0420u	-0.0449u	-0.0295u
Ca 370.602	158877	158427	158879
Cd 226.502	-0.5170u	-0.5246u	-0.5940u
Co 228.615	0.5080	1.0601	0.4876
Cr 267.716	0.5263	0.5656	0.3897
Cu 324.754	1.5329	1.4255	1.4339
Fe 271.441	701.306	705.874	700.440
K 766.491	4056.84	4038.44	4048.07
Mg 279.078	173139	173216	173008
Mn 257.610	75.0630	75.5759	74.9898
Mo 202.032	14.7708	15.3857	14.8742
Na 330.237	55727.4	55324.3	55669.4
Ni 231.604	-0.1860	0.0588	0.2248
Pb 220.353	0.8115	0.5199	2.9841
Sb 206.834	-2.8228u	1.0214	-0.8619u
Se 196.026	7.9459	3.5950	0.9088
Sn 189.925	-0.5694u	-3.1854u	0.2346
Sr 216.596	424.920	426.335	424.600
Ti 334.941	5.4743	5.4849	5.6982
Tl 190.794	4.2278	-0.5724u	-5.9174u
V 292.401	0.4138u	0.7134u	0.6571u
Zn 206.200	-1.4735	-0.1213	0.6097

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.5032	ppb	0.0392	7.8	-28.9941
Al 308.215	209.232	ppb	0.4542	0.2	736.628
As 188.980	4.3866	ppb	1.5898	36.2	-0.0492
B 249.678	62.6897	ppb	0.3985	0.6	734.146
Ba 389.178	53.2410	ppb	0.4658	0.9	899.468
Be 313.042	-0.0388	ppb	0.0082	21.0	-90.9254
Ca 370.602	158728	ppb	260.4	0.2	454934
Cd 226.502	-0.5452	ppb	0.0424	7.8	4.6065
Co 228.615	0.6852	ppb	0.3248	47.4	-0.2807
Cr 267.716	0.4939	ppb	0.0923	18.7	33.7584
Cu 324.754	1.4641	ppb	0.0597	4.1	408.495
Fe 271.441	702.540	ppb	2.9198	0.4	758.901
K 766.491	4047.78	ppb	9.2052	0.2	142212
Mg 279.078	173121	ppb	105.139	0.1	311902
Mn 257.610	75.2095	ppb	0.3193	0.4	4467.74
Mo 202.032	15.0102	ppb	0.3292	2.2	92.8885
Na 330.237	55573.7	ppb	217.909	0.4	2302.10
Ni 231.604	0.0325	ppb	0.2066	634.9	13.1277
Pb 220.353	1.4385	ppb	1.3464	93.6	2.9866
Sb 206.834	-0.8878	ppb	1.9222	216.5	-0.1146
Se 196.026	4.1499	ppb	3.5512	85.6	1.8680
Sn 189.925	-1.1734	ppb	1.7882	152.4	-2.2071
Sr 216.596	425.285	ppb	0.9235	0.2	3942.39
Ti 334.941	5.5525	ppb	0.1263	2.3	521.833
Tl 190.794	-0.7540	ppb	5.0750	673.1	-2.0702
V 292.401	0.5948	ppb	0.1592	26.8	-8.7321
Zn 206.200	-0.3284	ppb	1.0569	321.9	-8.4904

E12262012B.wvq. All Data Report 12/27/2012, 2:42:00 PM

680-85722-v-2-b (Samp) **12/26/2012, 9:01:06 PM** **Rack 1, Tube 45**

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

Label	Replicates Concentration		
Ag 328.068	-0.5842u	-0.7188u	-0.9028u
Al 308.215	212.783	212.795	213.143
As 188.980	1.0368	0.7795	-4.8657u
B 249.678	61.3309	60.6074	60.5352
Ba 389.178	53.3056	54.1035	53.8639
Be 313.042	-0.0334u	-0.0361u	-0.0429u
Ca 370.602	159247	159427	159177
Cd 226.502	-0.4841u	-0.5566u	-0.4825u
Co 228.615	0.5079	1.0911	1.0099
Cr 267.716	0.4617	0.6094	0.5500
Cu 324.754	1.0712	1.2657	1.6424
Fe 271.441	714.989	710.382	711.610
K 766.491	4061.94	4048.39	4050.68
Mg 279.078	173305	172998	173072
Mn 257.610	75.6944	74.9753	75.4328
Mo 202.032	15.4181	14.5988	15.4496
Na 330.237	55713.6	55814.4	55985.3
Ni 231.604	-0.7403	1.7232	-0.5481
Pb 220.353	-0.3882u	2.8733	0.6901
Sb 206.834	-1.5710u	2.1873	1.6254
Se 196.026	6.3348	-2.2567u	-2.0506u
Sn 189.925	-0.2782u	2.3956	0.4977
Sr 216.596	425.385	424.799	425.037
Ti 334.941	5.2208	5.5956	5.6816
Tl 190.794	-0.8944u	3.4669	0.4362
V 292.401	0.8228u	1.0097	0.9669
Zn 206.200	-1.1369	0.4345	0.1128

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.7352	ppb	0.1599	21.8	-39.0032
Al 308.215	212.907	ppb	0.2045	0.1	749.142
As 188.980	-1.0165	ppb	3.3360	328.2	-3.4225
B 249.678	60.8245	ppb	0.4400	0.7	713.162
Ba 389.178	53.7577	ppb	0.4094	0.8	907.081
Be 313.042	-0.0375	ppb	0.0049	13.0	-89.3559
Ca 370.602	159283	ppb	129.1	0.1	456522
Cd 226.502	-0.5077	ppb	0.0423	8.3	5.9454
Co 228.615	0.8697	ppb	0.3159	36.3	1.4389
Cr 267.716	0.5404	ppb	0.0743	13.8	35.3361
Cu 324.754	1.3264	ppb	0.2904	21.9	400.677
Fe 271.441	712.327	ppb	2.3858	0.3	769.637
K 766.491	4053.67	ppb	7.2491	0.2	142418
Mg 279.078	173125	ppb	160.052	0.1	311909
Mn 257.610	75.3675	ppb	0.3640	0.5	4476.85
Mo 202.032	15.1555	ppb	0.4824	3.2	93.7550
Na 330.237	55837.8	ppb	137.336	0.2	2313.07
Ni 231.604	0.1449	ppb	1.3702	945.3	13.4099
Pb 220.353	1.0584	ppb	1.6617	157.0	2.4944
Sb 206.834	0.7472	ppb	2.0272	271.3	2.0401
Se 196.026	0.6758	ppb	4.9019	725.3	0.6849
Sn 189.925	0.8717	ppb	1.3756	157.8	-0.8747
Sr 216.596	425.074	ppb	0.2947	0.1	3940.48
Ti 334.941	5.4993	ppb	0.2450	4.5	516.644
Tl 190.794	1.0029	ppb	2.2352	222.9	-1.1183
V 292.401	0.9331	ppb	0.0979	10.5	-2.0340
Zn 206.200	-0.1965	ppb	0.8301	422.4	-8.6074

680-85722-v-3-b (Samp) **12/26/2012, 9:07:34 PM** **Rack 1, Tube 46**

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

Label	Replicates Concentration		
Ag 328.068	-0.2021u	-0.3123u	-0.6630u
Al 308.215	13.4027	14.3653	13.4678
As 188.980	5.7312	6.1012	8.7933
B 249.678	871.477	874.301	872.801
Ba 389.178	79.9335	79.0493	80.2672
Be 313.042	-0.0391u	-0.0196	-0.0264u
Ca 370.602	129317	129206	129516
Cd 226.502	-0.4475	-0.3219	-0.3767
Co 228.615	2.2760	2.0924	2.1881
Cr 267.716	-0.0446u	0.3379	0.0963
Cu 324.754	2.2429	2.2072	2.1933
Fe 271.441	3907.34	3908.84	3915.38
K 766.491	2184.93	2179.01	2183.49
Mg 279.078	64585.4	64694.2	64462.4
Mn 257.610	2583.72	2587.27	2561.12
Mo 202.032	2.3434	2.1097	2.3248
Na 330.237	18179.3	17939.0	18110.8
Ni 231.604	3.4338	1.2462	1.0463
Pb 220.353	1.4878	-1.4410u	0.3752
Sb 206.834	0.9129	0.6636	2.5691
Se 196.026	5.0803	8.7138	6.8542
Sn 189.925	-2.3209u	-0.9812u	-1.3067u
Sr 216.596	390.546	393.395	391.214
Ti 334.941	0.4555	0.4614	0.4246
Tl 190.794	0.7652	-3.7047u	2.0776
V 292.401	0.1092u	0.3299u	0.1275u
Zn 206.200	-0.1465	0.8181	1.5921

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3924	ppb	0.2407	61.3	-23.5482
Al 308.215	13.7452	ppb	0.5379	3.9	71.5668
As 188.980	6.8752	ppb	1.6713	24.3	1.5079
B 249.678	872.860	ppb	1.4132	0.2	9843.94
Ba 389.178	79.7500	ppb	0.6293	0.8	1189.27
Be 313.042	-0.0284	ppb	0.0099	35.0	-79.2144
Ca 370.602	129346	ppb	157.1	0.1	369782
Cd 226.502	-0.3820	ppb	0.0630	16.5	14.7356
Co 228.615	2.1855	ppb	0.0918	4.2	14.0540
Cr 267.716	0.1299	ppb	0.1934	148.9	21.7252
Cu 324.754	2.2145	ppb	0.0256	1.2	450.780
Fe 271.441	3910.52	ppb	4.2760	0.1	4270.16
K 766.491	2182.48	ppb	3.0898	0.1	76858.7
Mg 279.078	64580.7	ppb	115.961	0.2	116334
Mn 257.610	2577.37	ppb	14.1831	0.6	145480
Mo 202.032	2.2593	ppb	0.1299	5.7	16.6404
Na 330.237	18076.4	ppb	123.804	0.7	746.627
Ni 231.604	1.9088	ppb	1.3245	69.4	14.6275
Pb 220.353	0.1407	ppb	1.4784	1050.9	1.7769
Sb 206.834	1.3819	ppb	1.0357	75.0	3.0723
Se 196.026	6.8828	ppb	1.8169	26.4	2.8073
Sn 189.925	-1.5363	ppb	0.6987	45.5	-2.4640
Sr 216.596	391.718	ppb	1.4901	0.4	3635.77
Ti 334.941	0.4472	ppb	0.0198	4.4	22.7983
Tl 190.794	-0.2873	ppb	3.0314	1055.2	-0.6220
V 292.401	0.1888	ppb	0.1225	64.9	-15.3256
Zn 206.200	0.7546	ppb	0.8710	115.4	7.6473

680-85722-v-4-b (Samp) **12/26/2012, 9:14:01 PM** **Rack 1, Tube 47**

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

Label	Replicates Concentration		
Ag 328.068	-0.2941u	-0.4448u	-0.5722u
Al 308.215	7.9742	6.7649	8.2564
As 188.980	5.8400	5.9663	8.7381
B 249.678	240.869	239.413	239.333
Ba 389.178	64.7113	65.0408	64.3453
Be 313.042	-0.0234	-0.0374u	-0.0280u
Ca 370.602	140500	140460	140699
Cd 226.502	-0.4406	-0.3932	-0.5061
Co 228.615	1.5180	2.6409	2.5550
Cr 267.716	0.2229	-0.0100	0.1228
Cu 324.754	1.1999	0.9085	0.7596
Fe 271.441	3091.86	3079.88	3091.51
K 766.491	1497.54	1497.61	1499.33
Mg 279.078	58863.0	58755.1	58819.9
Mn 257.610	1619.90	1610.14	1611.20
Mo 202.032	4.6792	4.7052	4.3193
Na 330.237	20535.4	20290.5	20288.9
Ni 231.604	3.0782	2.8476	2.1905
Pb 220.353	-0.6487u	0.8721	-1.8537u
Sb 206.834	1.1243	-1.5256u	-1.6745u
Se 196.026	10.3624	11.3766	-1.4548u
Sn 189.925	-4.6929u	-0.4941u	0.4065
Sr 216.596	496.669	494.048	494.298
Ti 334.941	0.4489	0.3677	0.2685
Tl 190.794	-2.1448u	0.7548	-0.2675
V 292.401	0.4000u	0.3778u	0.2985u
Zn 206.200	1.4867	-0.4327	1.4513

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4371	ppb	0.1392	31.9	-26.0101
Al 308.215	7.6652	ppb	0.7923	10.3	50.9299
As 188.980	6.8481	ppb	1.6380	23.9	1.4904
B 249.678	239.872	ppb	0.8648	0.4	2725.52
Ba 389.178	64.6991	ppb	0.3479	0.5	964.933
Be 313.042	-0.0296	ppb	0.0071	24.1	-79.4445
Ca 370.602	140553	ppb	128.2	0.1	402141
Cd 226.502	-0.4466	ppb	0.0567	12.7	11.2565
Co 228.615	2.2380	ppb	0.6250	27.9	14.4592
Cr 267.716	0.1119	ppb	0.1168	104.4	20.9502
Cu 324.754	0.9560	ppb	0.2240	23.4	379.349
Fe 271.441	3087.75	ppb	6.8177	0.2	3369.69
K 766.491	1498.16	ppb	1.0177	0.1	52882.9
Mg 279.078	58812.7	ppb	54.3017	0.1	105952
Mn 257.610	1613.75	ppb	5.3547	0.3	91123.4
Mo 202.032	4.5679	ppb	0.2157	4.7	30.4546
Na 330.237	20371.6	ppb	141.881	0.7	842.460
Ni 231.604	2.7054	ppb	0.4606	17.0	16.3860
Pb 220.353	-0.5434	ppb	1.3660	251.4	0.7273
Sb 206.834	-0.6919	ppb	1.5747	227.6	0.2989
Se 196.026	6.7614	ppb	7.1335	105.5	2.7637
Sn 189.925	-1.5935	ppb	2.7217	170.8	-2.4967
Sr 216.596	495.005	ppb	1.4465	0.3	4589.67
Ti 334.941	0.3617	ppb	0.0903	25.0	14.2545
Tl 190.794	-0.5525	ppb	1.4707	266.2	-1.2502
V 292.401	0.3588	ppb	0.0534	14.9	-12.4395
Zn 206.200	0.8351	ppb	1.0981	131.5	7.6207

680-85779-q-1-b (Samp) **12/26/2012, 9:20:29 PM** **Rack 1, Tube 48**

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

Label	Replicates Concentration		
Ag 328.068	-0.3359u	-0.3628u	-0.4246u
Al 308.215	31.0570	32.0109	29.3570
As 188.980	3.6897	2.3792	3.8636
B 249.678	480.970	483.065	482.833
Ba 389.178	24.7438	25.1825	25.2294
Be 313.042	-0.0107	-0.0090	0.0011
Ca 370.602	99537	99615	99861
Cd 226.502	-0.3324u	-0.3691u	-0.4419u
Co 228.615	-0.5481u	-0.1031u	0.4268
Cr 267.716	0.3211	0.3353	0.3433
Cu 324.754	6.2190	6.1368	6.1291
Fe 271.441	38.7176	35.5962	37.6486
K 766.491	4059.62	4045.53	4050.59
Mg 279.078	113243	113486	113553
Mn 257.610	11.6053	11.6790	11.6625
Mo 202.032	24.5594	24.1237	23.8469
Na 330.237	62415.6	62264.1	62386.4
Ni 231.604	0.1468	-0.2276	-0.9523
Pb 220.353	1.2477	-0.6842u	2.4947
Sb 206.834	0.4023	-2.7274u	0.6866
Se 196.026	-1.3820u	-1.4024u	9.4922
Sn 189.925	-1.5267u	-2.2059u	-2.6328u
Sr 216.596	6654.13	6678.67	6685.70
Ti 334.941	0.8974	0.7033	0.7469
Tl 190.794	1.5293	-0.4537u	-3.3764u
V 292.401	1.0857	0.8403	1.0518
Zn 206.200	-2.2897u	-2.2007u	-1.0319

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3744	ppb	0.0455	12.1	-66.4615
Al 308.215	30.8083	ppb	1.3443	4.4	129.982
As 188.980	3.3108	ppb	0.8115	24.5	-0.7233
B 249.678	482.289	ppb	1.1484	0.2	5453.51
Ba 389.178	25.0519	ppb	0.2678	1.1	444.494
Be 313.042	-0.0062	ppb	0.0064	102.4	-66.1332
Ca 370.602	99671	ppb	169.0	0.2	285804
Cd 226.502	-0.3812	ppb	0.0557	14.6	3.2379
Co 228.615	-0.0748	ppb	0.4880	652.5	-7.7079
Cr 267.716	0.3332	ppb	0.0113	3.4	28.2360
Cu 324.754	6.1616	ppb	0.0498	0.8	675.415
Fe 271.441	37.3208	ppb	1.5863	4.3	29.6357
K 766.491	4051.91	ppb	7.1381	0.2	142357
Mg 279.078	113428	ppb	163.131	0.1	204360
Mn 257.610	11.6490	ppb	0.0387	0.3	817.978
Mo 202.032	24.1767	ppb	0.3592	1.5	147.627
Na 330.237	62355.4	ppb	80.4003	0.1	2586.63
Ni 231.604	-0.3444	ppb	0.5588	162.3	10.4188
Pb 220.353	1.0194	ppb	1.6017	157.1	2.4145
Sb 206.834	-0.5462	ppb	1.8943	346.8	0.2166
Se 196.026	2.2359	ppb	6.2841	281.1	1.2144
Sn 189.925	-2.1218	ppb	0.5578	26.3	-2.8441
Sr 216.596	6672.83	ppb	16.5780	0.2	61681.7
Ti 334.941	0.7825	ppb	0.1018	13.0	54.9299
Tl 190.794	-0.7670	ppb	2.4678	321.8	-2.0744
V 292.401	0.9926	ppb	0.1330	13.4	4.1780
Zn 206.200	-1.8408	ppb	0.7019	38.1	-6.1952

680-85779-q-2-d (Samp) **12/26/2012, 9:39:47 PM** **Rack 1, Tube 51**

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

Label	Replicates Concentration		
Ag 328.068	-0.3845u	-0.4726u	-0.5811u
Al 308.215	4.6528	3.7938	3.3872
As 188.980	-1.6594u	0.3725	-0.1433u
B 249.678	174.704	173.855	174.887
Ba 389.178	45.2339	43.8048	44.5763
Be 313.042	-0.0404u	-0.0435u	-0.0378u
Ca 370.602	105007	105028	104839
Cd 226.502	-0.2422	-0.4252	-0.3491
Co 228.615	-0.5509u	-0.2673u	-0.7253u
Cr 267.716	-0.0222	0.1418	0.0187
Cu 324.754	-0.6032u	-0.2790u	-0.3827u
Fe 271.441	2286.10	2295.71	2302.64
K 766.491	2701.55	2702.70	2707.63
Mg 279.078	97364.9	97173.9	97324.6
Mn 257.610	27.9479	27.7280	27.8980
Mo 202.032	13.4340	12.9915	13.3793
Na 330.237	24264.6	24022.6	24318.8
Ni 231.604	-0.9436	-1.5355u	-0.4801
Pb 220.353	0.0771	3.1927	1.8871
Sb 206.834	0.5162	0.9998	1.0690
Se 196.026	9.4701	1.3816	0.7386
Sn 189.925	-0.7206u	-2.2632u	-1.2690u
Sr 216.596	3905.16	3893.90	3905.36
Ti 334.941	0.3657	0.2660	0.2884
Tl 190.794	1.6398	-2.8240u	-2.9648u
V 292.401	0.5040u	0.1875u	0.0646u
Zn 206.200	0.3515	1.0004	1.5755

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4794	ppb	0.0985	20.5	-51.6900
Al 308.215	3.9446	ppb	0.6461	16.4	38.4189
As 188.980	-0.4768	ppb	1.0562	221.5	-3.0850
B 249.678	174.482	ppb	0.5505	0.3	1990.55
Ba 389.178	44.5383	ppb	0.7153	1.6	711.989
Be 313.042	-0.0406	ppb	0.0029	7.1	-101.076
Ca 370.602	104958	ppb	103.2	0.1	300277
Cd 226.502	-0.3388	ppb	0.0919	27.1	10.6105
Co 228.615	-0.5145	ppb	0.2312	44.9	-11.4793
Cr 267.716	0.0461	ppb	0.0854	185.2	18.5795
Cu 324.754	-0.4216	ppb	0.1656	39.3	301.286
Fe 271.441	2294.82	ppb	8.3068	0.4	2500.88
K 766.491	2703.96	ppb	3.2332	0.1	95129.6
Mg 279.078	97287.8	ppb	100.689	0.1	175283
Mn 257.610	27.8580	ppb	0.1153	0.4	1716.35
Mo 202.032	13.2683	ppb	0.2412	1.8	82.4206
Na 330.237	24202.0	ppb	157.690	0.7	1000.35
Ni 231.604	-0.9864	ppb	0.5290	53.6	8.4453
Pb 220.353	1.7190	ppb	1.5646	91.0	3.3902
Sb 206.834	0.8617	ppb	0.3011	34.9	2.2342
Se 196.026	3.8634	ppb	4.8661	126.0	1.7747
Sn 189.925	-1.4176	ppb	0.7820	55.2	-2.3939
Sr 216.596	3901.47	ppb	6.5586	0.2	36071.1
Ti 334.941	0.3067	ppb	0.0523	17.0	9.3419
Tl 190.794	-1.3830	ppb	2.6188	189.4	-2.5586
V 292.401	0.2520	ppb	0.2267	89.9	-9.1794
Zn 206.200	0.9758	ppb	0.6124	62.8	8.3775

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680-85779-q-2-dSD^5 (Samp) **12/26/2012, 9:46:12 PM** **Rack 1, Tube 52**

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

Label	Replicates Concentration		
Ag 328.068	-0.3153u	-0.3265u	-0.0965u
Al 308.215	3.8789	4.1456	5.6146
As 188.980	0.6028	0.2903	2.5750
B 249.678	36.7029	36.6981	36.0415
Ba 389.178	7.4575	7.5133	7.7752
Be 313.042	-0.0221u	-0.0268u	-0.0240u
Ca 370.602	20678	20579	20661
Cd 226.502	-0.1301u	0.0553	-0.0601
Co 228.615	-0.1261u	-0.2039u	-0.1485u
Cr 267.716	-0.0700u	-0.1357u	0.0614
Cu 324.754	-0.9469u	-0.6156u	-0.8389u
Fe 271.441	466.347	469.388	470.283
K 766.491	508.696	504.598	506.587
Mg 279.078	19320.2	19244.9	19256.7
Mn 257.610	5.6813	5.6068	5.5083
Mo 202.032	2.4717	2.8300	2.5286
Na 330.237	4508.08	4644.32	4542.88
Ni 231.604	-0.6092u	-0.3823u	1.5806
Pb 220.353	2.2437	-0.6085u	-2.2092u
Sb 206.834	2.3979	-1.1011u	-0.9969u
Se 196.026	0.4585	2.2553	4.6865
Sn 189.925	-1.4167u	0.0766	-2.1906u
Sr 216.596	797.305	795.346	795.652
Ti 334.941	-0.0250u	0.0244	0.0841
Tl 190.794	0.4430	-3.0871u	-1.8500u
V 292.401	-0.0634u	0.0679u	0.0935u
Zn 206.200	-0.3746u	-0.1253	-0.6172u

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2461	ppb	0.1296	52.7	-18.9583
Al 308.215	4.5463	ppb	0.9347	20.6	40.3099
As 188.980	1.1560	ppb	1.2387	107.2	-2.0628
B 249.678	36.4808	ppb	0.3805	1.0	439.513
Ba 389.178	7.5820	ppb	0.1696	2.2	116.288
Be 313.042	-0.0243	ppb	0.0023	9.6	-98.4551
Ca 370.602	20639	ppb	52.98	0.3	59073
Cd 226.502	-0.0450	ppb	0.0937	208.2	8.7540
Co 228.615	-0.1595	ppb	0.0400	25.1	-7.9824
Cr 267.716	-0.0481	ppb	0.1004	208.7	14.7283
Cu 324.754	-0.8004	ppb	0.1690	21.1	279.544
Fe 271.441	468.673	ppb	2.0633	0.4	500.402
K 766.491	506.627	ppb	2.0494	0.4	18143.4
Mg 279.078	19273.9	ppb	40.4812	0.2	34734.4
Mn 257.610	5.5988	ppb	0.0868	1.5	375.672
Mo 202.032	2.6101	ppb	0.1926	7.4	18.8755
Na 330.237	4565.09	ppb	70.7856	1.6	187.321
Ni 231.604	0.1964	ppb	1.2041	613.2	8.9823
Pb 220.353	-0.1913	ppb	2.2556	1178.9	0.8862
Sb 206.834	0.1000	ppb	1.9907	1991.6	1.3203
Se 196.026	2.4668	ppb	2.1219	86.0	1.2941
Sn 189.925	-1.1769	ppb	1.1525	97.9	-2.2722
Sr 216.596	796.101	ppb	1.0539	0.1	7360.77
Ti 334.941	0.0278	ppb	0.0546	196.2	-18.6773
Tl 190.794	-1.4981	ppb	1.7912	119.6	-2.4898
V 292.401	0.0327	ppb	0.0842	257.5	-3.9167
Zn 206.200	-0.3724	ppb	0.2460	66.0	-5.9177

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680-85779-q-2-d PDS (Samp) **12/26/2012, 9:52:38 PM** **Rack 1, Tube 53**

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

Label	Replicates Concentration		
Ag 328.068	50.7777	50.3051	50.3852
Al 308.215	2001.01	2003.08	2001.67
As 188.980	2071.02	2105.51	2079.06
B 249.678	1161.68	1159.54	1163.58
Ba 389.178	2018.84	2016.61	2019.23
Be 313.042	50.9597	50.8948	50.8864
Ca 370.602	107503	107580	107403
Cd 226.502	47.8883	47.3113	47.4291
Co 228.615	483.514	481.534	483.471
Cr 267.716	201.334	200.881	201.182
Cu 324.754	250.293	250.801	251.657
Fe 271.441	3221.47	3239.28	3229.31
K 766.491	8300.47	8340.43	8349.62
Mg 279.078	100401	100117	100115
Mn 257.610	541.874	537.318	540.013
Mo 202.032	494.374	492.952	491.884
Na 330.237	29100.2	29329.4	29232.9
Ni 231.604	473.252	476.789	475.806
Pb 220.353	477.872	472.336	474.735
Sb 206.834	476.857	476.208	481.459
Se 196.026	2007.21	1990.16	2008.88
Sn 189.925	977.749	969.850	968.776
Sr 216.596	4319.48	4302.32	4307.89
Ti 334.941	951.428	944.874	948.207
Tl 190.794	1857.41	1874.92	1877.09
V 292.401	489.792	490.377	489.643
Zn 206.200	477.768	477.318	477.804

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	50.4893	ppb	0.2529	0.5	2144.49
Al 308.215	2001.92	ppb	1.0579	0.1	6862.30
As 188.980	2085.20	ppb	18.0482	0.9	1298.91
B 249.678	1161.60	ppb	2.0192	0.2	13091.6
Ba 389.178	2018.23	ppb	1.4123	0.1	29277.8
Be 313.042	50.9136	ppb	0.0401	0.1	56974.3
Ca 370.602	107495	ppb	88.44	0.1	307333
Cd 226.502	47.5429	ppb	0.3049	0.6	1645.18
Co 228.615	482.840	ppb	1.1308	0.2	4508.35
Cr 267.716	201.133	ppb	0.2304	0.1	6829.60
Cu 324.754	250.917	ppb	0.6895	0.3	14594.9
Fe 271.441	3230.02	ppb	8.9300	0.3	3564.27
K 766.491	8330.17	ppb	26.1300	0.3	292251
Mg 279.078	100211	ppb	164.634	0.2	180544
Mn 257.610	539.735	ppb	2.2906	0.4	30591.3
Mo 202.032	493.070	ppb	1.2492	0.3	2946.10
Na 330.237	29220.8	ppb	115.082	0.4	1202.41
Ni 231.604	475.282	ppb	1.8256	0.4	1177.88
Pb 220.353	474.981	ppb	2.7763	0.6	614.851
Sb 206.834	478.174	ppb	2.8629	0.6	627.283
Se 196.026	2002.09	ppb	10.3602	0.5	682.281
Sn 189.925	972.125	ppb	4.9003	0.5	631.810
Sr 216.596	4309.90	ppb	8.7527	0.2	39823.5
Ti 334.941	948.170	ppb	3.2773	0.3	92546.3
Tl 190.794	1869.80	ppb	10.7900	0.6	1012.96
V 292.401	489.937	ppb	0.3882	0.1	9703.78
Zn 206.200	477.630	ppb	0.2705	0.1	420.141

680-85779-q-2-e ms (Samp) **12/26/2012, 9:59:04 PM** **Rack 1, Tube 54**

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

Label	Replicates Concentration		
Ag 328.068	51.3610	51.1841	51.0956
Al 308.215	5112.42	5129.64	5146.47
As 188.980	113.090	110.128	109.337
B 249.678	377.244	377.384	377.479
Ba 389.178	143.066	142.643	143.964
Be 313.042	53.0478	53.0310	53.0478
Ca 370.602	106141	106284	106230
Cd 226.502	49.2389	49.0495	49.0353
Co 228.615	48.7848	48.2029	47.1050
Cr 267.716	105.070	104.985	105.136
Cu 324.754	105.323	106.597	106.573
Fe 271.441	7148.07	7147.95	7165.46
K 766.491	8420.76	8435.83	8461.70
Mg 279.078	99414.6	99459.5	99336.3
Mn 257.610	560.126	558.947	557.267
Mo 202.032	112.029	111.294	111.944
Na 330.237	28092.7	28750.9	28450.8
Ni 231.604	97.4490	99.0972	97.0513
Pb 220.353	47.9553	49.4550	50.9918
Sb 206.834	50.4866	48.1502	49.4206
Se 196.026	99.9693	107.243	96.5758
Sn 189.925	100.173	104.987	100.558
Sr 216.596	3877.98	3884.94	3877.48
Ti 334.941	102.360	101.968	101.850
Tl 190.794	36.3205	40.2635	35.6955
V 292.401	101.726	101.869	101.904
Zn 206.200	96.2082	97.2992	101.510

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.2135	ppb	0.1351	0.3	2177.50
Al 308.215	5129.51	ppb	17.0248	0.3	17476.4
As 188.980	110.852	ppb	1.9780	1.8	66.3929
B 249.678	377.369	ppb	0.1183	0.0	4269.67
Ba 389.178	143.224	ppb	0.6742	0.5	2143.03
Be 313.042	53.0422	ppb	0.0097	0.0	59333.5
Ca 370.602	106218	ppb	72.28	0.1	302421
Cd 226.502	49.1079	ppb	0.1137	0.2	1708.52
Co 228.615	48.0309	ppb	0.8530	1.8	441.534
Cr 267.716	105.064	ppb	0.0755	0.1	3577.37
Cu 324.754	106.164	ppb	0.7284	0.7	6357.48
Fe 271.441	7153.83	ppb	10.0757	0.1	7824.70
K 766.491	8439.43	ppb	20.7046	0.2	296079
Mg 279.078	99403.5	ppb	62.3820	0.1	179089
Mn 257.610	558.780	ppb	1.4369	0.3	31666.3
Mo 202.032	111.755	ppb	0.4021	0.4	670.154
Na 330.237	28431.5	ppb	329.491	1.2	1174.25
Ni 231.604	97.8658	ppb	1.0847	1.1	251.147
Pb 220.353	49.4674	ppb	1.5182	3.1	65.0275
Sb 206.834	49.3525	ppb	1.1697	2.4	65.7600
Se 196.026	101.263	ppb	5.4501	5.4	34.9576
Sn 189.925	101.906	ppb	2.6752	2.6	64.9163
Sr 216.596	3880.13	ppb	4.1683	0.1	35877.0
Ti 334.941	102.059	ppb	0.2670	0.3	9944.54
Tl 190.794	37.4265	ppb	2.4767	6.6	18.5370
V 292.401	101.833	ppb	0.0943	0.1	2004.06
Zn 206.200	98.3391	ppb	2.7997	2.8	93.2949

680-85779-q-2-f msd (Samp) **12/26/2012, 10:05:31 PM** **Rack 1, Tube 55**

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

Label	Replicates Concentration		
Ag 328.068	52.3851	52.0045	52.3635
Al 308.215	5295.11	5308.57	5267.92
As 188.980	115.365	111.748	111.265
B 249.678	387.098	387.819	387.454
Ba 389.178	147.773	147.603	147.292
Be 313.042	54.1845	54.0767	54.1313
Ca 370.602	111524	111521	111397
Cd 226.502	50.2915	50.1263	49.9782
Co 228.615	49.8512	49.5843	49.5502
Cr 267.716	106.958	106.540	107.157
Cu 324.754	107.902	106.177	105.814
Fe 271.441	7408.05	7407.82	7372.50
K 766.491	8731.26	8731.18	8722.70
Mg 279.078	103997	103822	103989
Mn 257.610	567.086	563.447	568.439
Mo 202.032	113.867	113.498	113.661
Na 330.237	29685.8	29693.2	29757.7
Ni 231.604	97.6646	99.3832	100.146
Pb 220.353	52.0695	50.5750	51.1494
Sb 206.834	50.8015	52.8595	50.8353
Se 196.026	108.412	103.692	105.006
Sn 189.925	101.861	99.4123	102.707
Sr 216.596	4067.99	4050.61	4058.50
Ti 334.941	103.503	102.758	103.733
Tl 190.794	32.7137	37.4246	37.3755
V 292.401	104.403	103.767	104.311
Zn 206.200	98.0948	98.7415	99.9523

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	52.2510	ppb	0.2138	0.4	2221.02
Al 308.215	5290.53	ppb	20.7097	0.4	18024.1
As 188.980	112.793	ppb	2.2409	2.0	67.6044
B 249.678	387.457	ppb	0.3602	0.1	4383.00
Ba 389.178	147.556	ppb	0.2440	0.2	2209.35
Be 313.042	54.1308	ppb	0.0539	0.1	60553.3
Ca 370.602	111481	ppb	72.51	0.1	317440
Cd 226.502	50.1320	ppb	0.1567	0.3	1744.45
Co 228.615	49.6619	ppb	0.1648	0.3	456.771
Cr 267.716	106.885	ppb	0.3146	0.3	3639.14
Cu 324.754	106.631	ppb	1.1156	1.0	6384.02
Fe 271.441	7396.12	ppb	20.4597	0.3	8090.14
K 766.491	8728.38	ppb	4.9192	0.1	306202
Mg 279.078	103936	ppb	99.1398	0.1	187255
Mn 257.610	566.324	ppb	2.5816	0.5	32096.9
Mo 202.032	113.675	ppb	0.1851	0.2	681.606
Na 330.237	29712.2	ppb	39.5069	0.1	1227.26
Ni 231.604	99.0645	ppb	1.2709	1.3	254.230
Pb 220.353	51.2646	ppb	0.7539	1.5	67.3541
Sb 206.834	51.4988	ppb	1.1786	2.3	68.5879
Se 196.026	105.703	ppb	2.4359	2.3	36.4705
Sn 189.925	101.327	ppb	1.7110	1.7	64.5411
Sr 216.596	4059.03	ppb	8.7040	0.2	37531.2
Ti 334.941	103.331	ppb	0.5095	0.5	10068.8
Tl 190.794	35.8379	ppb	2.7058	7.6	17.6686
V 292.401	104.160	ppb	0.3438	0.3	2049.77
Zn 206.200	98.9295	ppb	0.9429	1.0	93.8764

680-85926-r-1-b (Samp) **12/26/2012, 10:11:57 PM** **Rack 1, Tube 56**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.5061u	-0.5190u	-0.5635u
Al 308.215	60.2335	60.3137	61.7499
As 188.980	4.6933	3.5974	0.7557
B 249.678	583.998	579.804	580.060
Ba 389.178	68.6466	69.6599	68.4598
Be 313.042	-0.0333u	-0.0306u	-0.0215u
Ca 370.602	40701	40717	40763
Cd 226.502	-0.1697u	-0.1776u	-0.1181
Co 228.615	-0.0139u	-0.1801u	-0.0363u
Cr 267.716	0.2029	0.1840	0.2427
Cu 324.754	-0.3577u	-0.6609u	-0.1753u
Fe 271.441	729.961	731.757	726.122
K 766.491	2449.47	2454.30	2447.88
Mg 279.078	53800.1	53739.2	53736.0
Mn 257.610	10.1336	9.9723	10.0204
Mo 202.032	58.1114	58.0904	58.4618
Na 330.237	44388.4	44253.1	44632.4
Ni 231.604	-1.0011u	-0.4983	-1.5188u
Pb 220.353	2.0427	0.5688	-0.9586u
Sb 206.834	1.3083	0.4603u	1.5336
Se 196.026	1.2100	1.4722	-2.0191u
Sn 189.925	-1.2217u	1.1253	2.3675
Sr 216.596	2897.65	2897.36	2892.90
Ti 334.941	1.5511	1.8451	1.5423
Tl 190.794	-1.1452u	-0.7501u	-3.6043u
V 292.401	0.5179u	-0.0162u	-0.0424u
Zn 206.200	1.0887	0.8681	0.2832

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.5295	ppb	0.0301	5.7	-46.2698
Al 308.215	60.7657	ppb	0.8533	1.4	232.369
As 188.980	3.0155	ppb	2.0323	67.4	-0.9167
B 249.678	581.288	ppb	2.3510	0.4	6566.52
Ba 389.178	68.9221	ppb	0.6457	0.9	1032.79
Be 313.042	-0.0285	ppb	0.0061	21.6	-102.854
Ca 370.602	40727	ppb	32.35	0.1	116589
Cd 226.502	-0.1551	ppb	0.0323	20.8	7.4324
Co 228.615	-0.0767	ppb	0.0902	117.5	-8.4959
Cr 267.716	0.2099	ppb	0.0300	14.3	24.0058
Cu 324.754	-0.3980	ppb	0.2453	61.6	303.590
Fe 271.441	729.280	ppb	2.8788	0.4	786.139
K 766.491	2450.55	ppb	3.3431	0.1	86251.0
Mg 279.078	53758.4	ppb	36.0948	0.1	96861.0
Mn 257.610	10.0421	ppb	0.0828	0.8	663.511
Mo 202.032	58.2212	ppb	0.2086	0.4	350.816
Na 330.237	44424.6	ppb	192.201	0.4	1843.28
Ni 231.604	-1.0061	ppb	0.5103	50.7	7.0593
Pb 220.353	0.5509	ppb	1.5007	272.4	1.7762
Sb 206.834	1.1007	ppb	0.5660	51.4	2.0114
Se 196.026	0.2210	ppb	1.9444	879.7	0.5300
Sn 189.925	0.7571	ppb	1.8227	240.8	-0.9947
Sr 216.596	2895.97	ppb	2.6634	0.1	26770.5
Ti 334.941	1.6462	ppb	0.1723	10.5	138.581
Tl 190.794	-1.8332	ppb	1.5465	84.4	-2.7318
V 292.401	0.1531	ppb	0.3162	206.6	-9.7030
Zn 206.200	0.7467	ppb	0.4163	55.8	7.4544

680-85987-c-1-a (Samp) **12/26/2012, 10:18:24 PM** **Rack 1, Tube 57**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.2063u	-0.3544u	-0.2048u
Al 308.215	73.6513	74.2600	75.5968
As 188.980	1.5274	2.4089	-1.4915u
B 249.678	135.668	134.261	134.344
Ba 389.178	27.3490	27.3580	27.0163
Be 313.042	-0.0093u	-0.0101u	-0.0132u
Ca 370.602	17182	17222	17220
Cd 226.502	0.0250	0.0862	-0.1455u
Co 228.615	1.2117	0.4049	0.4468
Cr 267.716	1.0204	1.0737	1.1386
Cu 324.754	-1.0130u	-0.6462u	-0.7012u
Fe 271.441	279.984	278.568	276.967
K 766.491	2172.74	2171.30	2199.41
Mg 279.078	9816.19	9787.38	9826.33
Mn 257.610	121.921	120.604	121.954
Mo 202.032	0.2434	-0.0887u	-0.2745u
Na 330.237	31775.2	31593.4	31491.0
Ni 231.604	0.0047	0.4725	0.4055
Pb 220.353	-0.5734u	2.0660	0.7624
Sb 206.834	3.0523	-0.0471u	1.6940
Se 196.026	9.2540	7.3932	1.4412
Sn 189.925	0.2545	-1.3767u	-3.4595u
Sr 216.596	118.624	118.006	118.736
Ti 334.941	0.9668	0.8891	0.8998
Tl 190.794	-0.0233	1.3246	-0.6947u
V 292.401	0.3713	0.4140	0.1861
Zn 206.200	2.4420	3.4263	2.1044

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2552	ppb	0.0859	33.7	-14.4850
Al 308.215	74.5027	ppb	0.9952	1.3	278.203
As 188.980	0.8149	ppb	2.0455	251.0	-2.2750
B 249.678	134.758	ppb	0.7897	0.6	1544.89
Ba 389.178	27.2411	ppb	0.1947	0.7	392.606
Be 313.042	-0.0109	ppb	0.0021	19.0	-85.4648
Ca 370.602	17208	ppb	22.38	0.1	49297
Cd 226.502	-0.0115	ppb	0.1200	1047.3	8.9226
Co 228.615	0.6878	ppb	0.4542	66.0	0.0042
Cr 267.716	1.0776	ppb	0.0592	5.5	53.1449
Cu 324.754	-0.7868	ppb	0.1978	25.1	280.275
Fe 271.441	278.507	ppb	1.5093	0.5	292.220
K 766.491	2181.15	ppb	15.8336	0.7	76812.3
Mg 279.078	9809.97	ppb	20.2058	0.2	17683.2
Mn 257.610	121.493	ppb	0.7698	0.6	6902.07
Mo 202.032	-0.0399	ppb	0.2624	656.9	3.0664
Na 330.237	31619.9	ppb	143.917	0.5	1312.68
Ni 231.604	0.2942	ppb	0.2530	86.0	8.9367
Pb 220.353	0.7516	ppb	1.3197	175.6	2.1204
Sb 206.834	1.5664	ppb	1.5537	99.2	3.2872
Se 196.026	6.0294	ppb	4.0810	67.7	2.5069
Sn 189.925	-1.5272	ppb	1.8616	121.9	-2.4945
Sr 216.596	118.456	ppb	0.3932	0.3	1096.97
Ti 334.941	0.9185	ppb	0.0421	4.6	67.4535
Tl 190.794	0.2022	ppb	1.0284	508.5	-1.4840
V 292.401	0.3238	ppb	0.1212	37.4	2.0977
Zn 206.200	2.6575	ppb	0.6868	25.8	8.3787

680-85987-c-2-a (Samp) **12/26/2012, 10:24:51 PM** **Rack 1, Tube 58**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.2403u	-0.3469u	-0.1426u
Al 308.215	64.5033	65.3632	64.8467
As 188.980	-3.0612u	2.7240	-0.9448u
B 249.678	114.382	114.732	114.743
Ba 389.178	25.6480	25.8306	25.0488
Be 313.042	-0.0051u	-0.0112u	-0.0071u
Ca 370.602	14048	14059	14103
Cd 226.502	0.0717	0.0197	0.1002
Co 228.615	0.1108	0.2381	-0.0906u
Cr 267.716	0.5968	0.5466	0.6038
Cu 324.754	-0.6697u	-0.5291u	-0.7360u
Fe 271.441	33.7726	33.8986	32.1253
K 766.491	3198.46	3190.96	3201.62
Mg 279.078	8333.74	8336.34	8321.29
Mn 257.610	31.0798	30.6697	30.8952
Mo 202.032	0.1264	0.1712	0.1313
Na 330.237	22144.4	22062.9	22562.6
Ni 231.604	0.9881	0.2192	-0.3914u
Pb 220.353	0.4279	0.7538	0.4176
Sb 206.834	-0.0816u	-0.3677u	-1.8450u
Se 196.026	4.1173	8.1170	1.3714
Sn 189.925	1.4059	-2.1534u	-4.0864u
Sr 216.596	143.941	143.269	143.467
Ti 334.941	0.8881	0.8491	0.8925
Tl 190.794	-1.1687u	-2.8984u	0.5500
V 292.401	0.3610	0.3478	0.2392
Zn 206.200	3.7445	4.0536	2.5617

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2432	ppb	0.1022	42.0	-14.0963
Al 308.215	64.9044	ppb	0.4328	0.7	245.564
As 188.980	-0.4273	ppb	2.9271	685.0	-3.0506
B 249.678	114.619	ppb	0.2055	0.2	1318.53
Ba 389.178	25.5091	ppb	0.4090	1.6	366.517
Be 313.042	-0.0078	ppb	0.0031	39.7	-82.1541
Ca 370.602	14070	ppb	28.90	0.2	40371
Cd 226.502	0.0639	ppb	0.0408	63.9	10.6712
Co 228.615	0.0861	ppb	0.1657	192.4	-5.6299
Cr 267.716	0.5824	ppb	0.0312	5.4	36.2000
Cu 324.754	-0.6450	ppb	0.1057	16.4	288.335
Fe 271.441	33.2655	ppb	0.9895	3.0	23.6575
K 766.491	3197.02	ppb	5.4736	0.2	112404
Mg 279.078	8330.46	ppb	8.0434	0.1	15018.5
Mn 257.610	30.8816	ppb	0.2054	0.7	1789.63
Mo 202.032	0.1430	ppb	0.0245	17.2	4.1680
Na 330.237	22256.6	ppb	268.113	1.2	923.454
Ni 231.604	0.2719	ppb	0.6912	254.2	8.8307
Pb 220.353	0.5331	ppb	0.1912	35.9	1.8186
Sb 206.834	-0.7648	ppb	0.9464	123.7	0.2042
Se 196.026	4.5352	ppb	3.3921	74.8	1.9974
Sn 189.925	-1.6113	ppb	2.7860	172.9	-2.5528
Sr 216.596	143.559	ppb	0.3452	0.2	1328.39
Ti 334.941	0.8766	ppb	0.0239	2.7	63.5503
Tl 190.794	-1.1724	ppb	1.7242	147.1	-2.2640
V 292.401	0.3160	ppb	0.0668	21.1	2.3631
Zn 206.200	3.4533	ppb	0.7875	22.8	0.0437

680-85987-c-3-a (Samp) **12/26/2012, 10:31:19 PM** **Rack 1, Tube 59**

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

Label	Replicates Concentration		
Ag 328.068	-0.6527u	-0.3400u	-0.2764u
Al 308.215	48.7759	49.2906	46.7197
As 188.980	-2.0986u	2.6713	-1.5680u
B 249.678	111.800	110.956	112.519
Ba 389.178	8.3316	8.9584	8.3715
Be 313.042	0.0173	0.0171	0.0204
Ca 370.602	4320	4289	4291
Cd 226.502	0.2520	0.4227	0.3334
Co 228.615	0.5089	0.3570	0.4417
Cr 267.716	0.2619	0.1823	0.0015
Cu 324.754	0.9828	1.0084	1.0784
Fe 271.441	334.921	334.624	337.270
K 766.491	1463.98	1464.58	1464.89
Mg 279.078	2858.06	2845.84	2855.16
Mn 257.610	32.6498	32.4402	32.8716
Mo 202.032	0.2450	0.1209	-0.3909u
Na 330.237	20094.2	20095.5	20222.9
Ni 231.604	-0.2267u	0.5322	-0.4162u
Pb 220.353	1.9782	-0.9095u	0.6375
Sb 206.834	1.0099	-0.7700u	0.1780
Se 196.026	6.0446	0.0080	6.5580
Sn 189.925	-3.9214u	-0.9278u	-0.6704u
Sr 216.596	44.8298	44.5050	45.7356
Ti 334.941	0.3976	0.2846	0.4166
Tl 190.794	-1.0207u	0.6042	-0.9761u
V 292.401	0.2014	-0.0148u	-0.0467u
Zn 206.200	4.1473	3.7994	4.9751

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4230	ppb	0.2014	47.6	-21.1510
Al 308.215	48.2621	ppb	1.3603	2.8	188.951
As 188.980	-0.3318	ppb	2.6142	787.9	-2.9910
B 249.678	111.758	ppb	0.7827	0.7	1286.19
Ba 389.178	8.5538	ppb	0.3509	4.1	117.427
Be 313.042	0.0182	ppb	0.0018	10.1	-54.8992
Ca 370.602	4300	ppb	17.21	0.4	12266
Cd 226.502	0.3360	ppb	0.0854	25.4	19.8702
Co 228.615	0.4359	ppb	0.0761	17.5	-2.3606
Cr 267.716	0.1486	ppb	0.1335	89.8	21.5456
Cu 324.754	1.0232	ppb	0.0495	4.8	383.069
Fe 271.441	335.605	ppb	1.4499	0.4	354.482
K 766.491	1464.48	ppb	0.4589	0.0	51702.9
Mg 279.078	2853.02	ppb	6.3855	0.2	5150.50
Mn 257.610	32.6539	ppb	0.2157	0.7	1883.83
Mo 202.032	-0.0083	ppb	0.3371	4046.9	3.2523
Na 330.237	20137.6	ppb	73.9415	0.4	835.499
Ni 231.604	-0.0369	ppb	0.5019	1360.0	7.9209
Pb 220.353	0.5687	ppb	1.4451	254.1	1.8728
Sb 206.834	0.1393	ppb	0.8906	639.3	1.4005
Se 196.026	4.2035	ppb	3.6425	86.7	1.8852
Sn 189.925	-1.8399	ppb	1.8072	98.2	-2.7058
Sr 216.596	45.0235	ppb	0.6377	1.4	417.555
Ti 334.941	0.3663	ppb	0.0713	19.5	13.7023
Tl 190.794	-0.4642	ppb	0.9255	199.4	-1.9012
V 292.401	0.0466	ppb	0.1350	289.5	-1.8075
Zn 206.200	4.3072	ppb	0.6039	14.0	0.6946

680-85987-a-3-a ms (Samp) **12/26/2012, 10:37:47 PM** **Rack 1, Tube 60**

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

Label	Replicates Concentration		
Ag 328.068	51.2252	50.7800	50.6569
Al 308.215	4946.71	4974.93	5008.54
As 188.980	110.139	109.229	108.590
B 249.678	315.445	314.660	315.416
Ba 389.178	108.563	108.945	110.408
Be 313.042	54.2187	54.0352	54.2830
Ca 370.602	9360	9371	9417
Cd 226.502	50.7362	50.9177	50.7260
Co 228.615	50.4901	50.8147	50.4512
Cr 267.716	107.340	106.801	107.280
Cu 324.754	102.486	101.236	102.324
Fe 271.441	5444.71	5434.37	5475.38
K 766.491	6699.47	6688.43	6707.56
Mg 279.078	7926.83	7916.58	7941.72
Mn 257.610	584.381	578.593	579.028
Mo 202.032	100.209	99.2812	100.889
Na 330.237	24818.5	24859.5	25165.5
Ni 231.604	102.227	99.7903	102.471
Pb 220.353	51.9336	49.2902	50.7887
Sb 206.834	49.1648	48.2459	47.3187
Se 196.026	101.177	107.853	111.080
Sn 189.925	101.527	98.3486	100.054
Sr 216.596	149.215	148.105	149.049
Ti 334.941	105.082	104.061	104.053
Tl 190.794	37.2114	32.2414	39.4363
V 292.401	103.501	103.289	104.076
Zn 206.200	108.894	105.189	109.538

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	50.8873	ppb	0.2990	0.6	2190.72
Al 308.215	4976.73	ppb	30.9539	0.6	16956.7
As 188.980	109.320	ppb	0.7784	0.7	65.4394
B 249.678	315.174	ppb	0.4448	0.1	3571.11
Ba 389.178	109.305	ppb	0.9737	0.9	1580.75
Be 313.042	54.1790	ppb	0.1286	0.2	60587.2
Ca 370.602	9383	ppb	30.68	0.3	25293
Cd 226.502	50.7933	ppb	0.1079	0.2	1753.13
Co 228.615	50.5853	ppb	0.1996	0.4	465.627
Cr 267.716	107.141	ppb	0.2952	0.3	3647.28
Cu 324.754	102.015	ppb	0.6801	0.7	6121.59
Fe 271.441	5451.48	ppb	21.3286	0.4	5959.64
K 766.491	6698.49	ppb	9.6063	0.1	235082
Mg 279.078	7928.38	ppb	12.6429	0.2	14289.0
Mn 257.610	580.668	ppb	3.2236	0.6	32801.2
Mo 202.032	100.126	ppb	0.8073	0.8	600.805
Na 330.237	24947.8	ppb	189.620	0.8	1033.34
Ni 231.604	101.496	ppb	1.4824	1.5	257.295
Pb 220.353	50.6708	ppb	1.3257	2.6	66.5664
Sb 206.834	48.2431	ppb	0.9231	1.9	64.4090
Se 196.026	106.703	ppb	5.0507	4.7	36.8058
Sn 189.925	99.9766	ppb	1.5907	1.6	63.6239
Sr 216.596	148.789	ppb	0.5987	0.4	1380.35
Ti 334.941	104.398	ppb	0.5916	0.6	10171.5
Tl 190.794	36.2964	ppb	3.6837	10.1	18.0741
V 292.401	103.622	ppb	0.4072	0.4	2050.65
Zn 206.200	107.874	ppb	2.3472	2.2	99.0233

680-85987-a-3-b msd (Samp) **12/26/2012, 10:57:06 PM** **Rack 2, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	50.4737	50.5358	51.1566
Al 308.215	5041.58	5046.81	5020.42
As 188.980	104.336	102.808	110.624
B 249.678	318.430	317.610	319.656
Ba 389.178	109.274	109.156	110.165
Be 313.042	54.2886	54.2630	54.5723
Ca 370.602	9469	9462	9474
Cd 226.502	50.9566	50.6986	51.1278
Co 228.615	50.7337	50.2205	51.1704
Cr 267.716	107.022	107.268	107.683
Cu 324.754	103.919	103.622	105.227
Fe 271.441	5487.56	5475.08	5502.04
K 766.491	6746.66	6745.65	6761.59
Mg 279.078	7932.47	7936.31	7985.30
Mn 257.610	572.405	571.842	579.668
Mo 202.032	101.118	100.507	100.948
Na 330.237	25200.2	25067.2	25312.8
Ni 231.604	100.992	101.504	100.796
Pb 220.353	49.3990	49.3878	52.4531
Sb 206.834	49.5987	47.7386	50.6329
Se 196.026	110.368	99.7100	107.991
Sn 189.925	104.124	103.315	102.003
Sr 216.596	148.600	148.690	148.730
Ti 334.941	102.911	102.948	104.392
Tl 190.794	39.5042	41.8731	34.0320
V 292.401	104.196	103.988	104.606
Zn 206.200	109.113	105.900	108.000

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	50.7220	ppb	0.3776	0.7	2183.58
Al 308.215	5036.27	ppb	13.9694	0.3	17159.2
As 188.980	105.923	ppb	4.1423	3.9	63.3186
B 249.678	318.565	ppb	1.0299	0.3	3609.25
Ba 389.178	109.532	ppb	0.5520	0.5	1584.06
Be 313.042	54.3746	ppb	0.1717	0.3	60806.3
Ca 370.602	9468	ppb	6.369	0.1	25533
Cd 226.502	50.9277	ppb	0.2161	0.4	1757.77
Co 228.615	50.7082	ppb	0.4755	0.9	466.764
Cr 267.716	107.324	ppb	0.3340	0.3	3653.51
Cu 324.754	104.256	ppb	0.8539	0.8	6248.85
Fe 271.441	5488.22	ppb	13.4927	0.2	5999.87
K 766.491	6751.30	ppb	8.9287	0.1	236933
Mg 279.078	7951.36	ppb	29.4547	0.4	14330.4
Mn 257.610	574.638	ppb	4.3649	0.8	32461.2
Mo 202.032	100.858	ppb	0.3152	0.3	605.169
Na 330.237	25193.4	ppb	122.951	0.5	1043.54
Ni 231.604	101.098	ppb	0.3655	0.4	256.319
Pb 220.353	50.4133	ppb	1.7665	3.5	66.2321
Sb 206.834	49.3234	ppb	1.4667	3.0	65.8276
Se 196.026	106.023	ppb	5.5949	5.3	36.5742
Sn 189.925	103.147	ppb	1.0701	1.0	65.6896
Sr 216.596	148.674	ppb	0.0665	0.0	1379.33
Ti 334.941	103.417	ppb	0.8446	0.8	10075.7
Tl 190.794	38.4698	ppb	4.0216	10.5	19.2513
V 292.401	104.263	ppb	0.3145	0.3	2063.36
Zn 206.200	107.671	ppb	1.6318	1.5	98.8481

680-85987-c-4-a (Samp) **12/26/2012, 11:03:32 PM** **Rack 2, Tube 4**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.6078u	-0.2945u	-0.5204u
Al 308.215	58.7568	59.8018	56.5694
As 188.980	-0.7895u	0.0325	3.2413
B 249.678	105.730	105.471	105.101
Ba 389.178	8.0945	8.5331	7.5156
Be 313.042	-0.0112u	-0.0076u	-0.0127u
Ca 370.602	6061	6085	6058
Cd 226.502	-0.1475u	0.0437	-0.1726u
Co 228.615	1.8120	1.4597	1.7658
Cr 267.716	0.0835	0.2386	0.1109
Cu 324.754	-0.5761u	-0.7666u	-0.6183u
Fe 271.441	87.1678	82.8286	88.3237
K 766.491	1415.53	1416.27	1408.59
Mg 279.078	2334.48	2337.82	2325.71
Mn 257.610	73.5184	73.0158	72.7243
Mo 202.032	0.3103	0.0488	0.2804
Na 330.237	18146.7	18175.7	18096.0
Ni 231.604	0.3511	-0.2241u	-0.2734u
Pb 220.353	-1.1599u	-0.3538u	1.7878
Sb 206.834	0.6565	-0.1024u	0.8070
Se 196.026	-1.4369u	2.2893	7.9766
Sn 189.925	-1.6977u	-1.6812u	-0.9284u
Sr 216.596	40.1921	40.4663	40.3255
Ti 334.941	0.8807	0.7315	0.6844
Tl 190.794	1.7781	0.9031	-0.7736u
V 292.401	0.5007	0.3299	0.5235
Zn 206.200	2.7330	1.6703	2.2220

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4742	ppb	0.1617	34.1	-23.2784
Al 308.215	58.3760	ppb	1.6495	2.8	223.368
As 188.980	0.8281	ppb	2.1299	257.2	-2.2669
B 249.678	105.434	ppb	0.3160	0.3	1215.20
Ba 389.178	8.0477	ppb	0.5103	6.3	109.387
Be 313.042	-0.0105	ppb	0.0026	25.0	-86.5002
Ca 370.602	6068	ppb	14.74	0.2	17413
Cd 226.502	-0.0921	ppb	0.1183	128.4	4.8054
Co 228.615	1.6792	ppb	0.1914	11.4	9.2445
Cr 267.716	0.1443	ppb	0.0828	57.4	21.3186
Cu 324.754	-0.6536	ppb	0.1001	15.3	287.837
Fe 271.441	86.1067	ppb	2.8972	3.4	81.4794
K 766.491	1413.46	ppb	4.2344	0.3	49915.5
Mg 279.078	2332.67	ppb	6.2555	0.3	4212.64
Mn 257.610	73.0862	ppb	0.4017	0.5	4163.63
Mo 202.032	0.2132	ppb	0.1431	67.1	4.5848
Na 330.237	18139.5	ppb	40.3323	0.2	752.497
Ni 231.604	-0.0488	ppb	0.3472	711.5	7.8676
Pb 220.353	0.0914	ppb	1.5235	1667.3	1.2540
Sb 206.834	0.4537	ppb	0.4875	107.4	1.8094
Se 196.026	2.9430	ppb	4.7407	161.1	1.4553
Sn 189.925	-1.4358	ppb	0.4395	30.6	-2.4425
Sr 216.596	40.3280	ppb	0.1371	0.3	373.850
Ti 334.941	0.7655	ppb	0.1025	13.4	52.7151
Tl 190.794	0.6359	ppb	1.2967	203.9	-1.2618
V 292.401	0.4514	ppb	0.1058	23.4	5.9203
Zn 206.200	2.2084	ppb	0.5315	24.1	7.8694

680-85987-c-5-a (Samp) **12/26/2012, 11:09:59 PM** **Rack 2, Tube 5**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.1310u	-0.1417u	-0.2496u
Al 308.215	36.1519	38.0725	35.1111
As 188.980	44.2780	43.7736	46.6301
B 249.678	98.9430	98.8245	99.2287
Ba 389.178	6.8174	6.1981	7.2878
Be 313.042	-0.0117u	-0.0211u	-0.0147u
Ca 370.602	38379	38421	38303
Cd 226.502	0.4350	0.3736	0.4584
Co 228.615	9.4665	9.6571	9.5017
Cr 267.716	-0.3019	-0.3693	-0.2518
Cu 324.754	-0.2370u	-0.2989u	-0.1533u
Fe 271.441	57744.6	57737.3	57593.7
K 766.491	2375.98	2361.35	2376.36
Mg 279.078	22949.2	22963.1	23002.7
Mn 257.610	1176.43	1175.65	1193.17
Mo 202.032	4.6968	4.1311	4.1824
Na 330.237	73994.6	73515.4	73807.5
Ni 231.604	-0.0848	-0.9763	-1.5022u
Pb 220.353	-1.3052u	-0.6802	-0.7529
Sb 206.834	0.3117	0.3648	1.7132
Se 196.026	9.9085	5.5229	0.8970
Sn 189.925	0.6061	-0.9190u	-0.1095u
Sr 216.596	384.388	384.229	385.491
Ti 334.941	0.2366	0.3350	0.2819
Tl 190.794	-3.9421u	4.1752u	1.0361u
V 292.401	0.2478	-0.0520	0.2033
Zn 206.200	1.4285	1.9945	0.0134

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1741	ppb	0.0656	37.7	-22.8645
Al 308.215	36.4452	ppb	1.5024	4.1	148.860
As 188.980	44.8939	ppb	1.5246	3.4	25.2432
B 249.678	98.9987	ppb	0.2078	0.2	1111.59
Ba 389.178	6.7678	ppb	0.5465	8.1	114.911
Be 313.042	-0.0159	ppb	0.0048	30.4	-91.6239
Ca 370.602	38367	ppb	59.80	0.2	92478
Cd 226.502	0.4223	ppb	0.0438	10.4	167.132
Co 228.615	9.5418	ppb	0.1014	1.1	84.6804
Cr 267.716	-0.3077	ppb	0.0590	19.2	20.0871
Cu 324.754	-0.2298	ppb	0.0731	31.8	311.981
Fe 271.441	57691.8	ppb	85.1012	0.1	63142.1
K 766.491	2371.23	ppb	8.5595	0.4	83472.0
Mg 279.078	22971.7	ppb	27.7995	0.1	41389.7
Mn 257.610	1181.75	ppb	9.8981	0.8	66746.1
Mo 202.032	4.3368	ppb	0.3129	7.2	26.8293
Na 330.237	73772.5	ppb	241.536	0.3	3053.41
Ni 231.604	-0.8544	ppb	0.7165	83.9	8.3045
Pb 220.353	-0.9128	ppb	0.3418	37.4	1.4332
Sb 206.834	0.7966	ppb	0.7943	99.7	3.1895
Se 196.026	5.4428	ppb	4.5063	82.8	2.4610
Sn 189.925	-0.1408	ppb	0.7630	542.0	-1.5757
Sr 216.596	384.702	ppb	0.6872	0.2	3655.21
Ti 334.941	0.2845	ppb	0.0493	17.3	6.9253
Tl 190.794	0.4231	ppb	4.0932	967.5	-5.0114
V 292.401	0.1331	ppb	0.1618	121.6	11.7436
Zn 206.200	1.1455	ppb	1.0204	89.1	7.4379

680-85987-c-6-a (Samp) **12/26/2012, 11:16:25 PM** **Rack 2, Tube 6**

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

Label	Replicates Concentration		
Ag 328.068	-0.3019u	-0.6807u	-0.4027u
Al 308.215	31.2204	31.4063	32.8953
As 188.980	-0.1331u	-2.8011u	1.2610
B 249.678	98.6720	98.5199	98.9184
Ba 389.178	7.6397	6.5044	6.6210
Be 313.042	-0.0228u	-0.0162u	-0.0160u
Ca 370.602	6210	6246	6234
Cd 226.502	-0.1744u	-0.2461u	-0.1485u
Co 228.615	1.3996	1.5044	1.1995
Cr 267.716	0.0711	-0.0966u	0.0308
Cu 324.754	-0.7692u	-0.6254u	-0.9852u
Fe 271.441	97.7262	98.5004	97.7176
K 766.491	1066.12	1068.18	1071.07
Mg 279.078	1471.31	1474.88	1465.92
Mn 257.610	35.2187	35.2374	35.0055
Mo 202.032	0.2909	0.0552	-0.2050u
Na 330.237	13397.0	13587.7	13516.6
Ni 231.604	1.6049	0.2714	0.1561
Pb 220.353	0.3679	-0.7878u	-2.4555u
Sb 206.834	-0.2395u	0.8410	1.4370
Se 196.026	1.1017	4.1400	8.3203
Sn 189.925	-1.0084u	-0.9007u	-1.9393u
Sr 216.596	35.8107	36.1045	36.1576
Ti 334.941	0.1597	0.1259	0.1516
Tl 190.794	-1.1688u	3.4865	1.7274
V 292.401	0.0193u	-0.0575u	0.1612
Zn 206.200	2.3963	2.6627	1.8147

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4617	ppb	0.1962	42.5	-22.7073
Al 308.215	31.8407	ppb	0.9181	2.9	133.101
As 188.980	-0.5577	ppb	2.0641	370.1	-3.1320
B 249.678	98.7034	ppb	0.2011	0.2	1139.50
Ba 389.178	6.9217	ppb	0.6245	9.0	92.2980
Be 313.042	-0.0184	ppb	0.0039	21.1	-94.9869
Ca 370.602	6230	ppb	18.49	0.3	17872
Cd 226.502	-0.1897	ppb	0.0506	26.7	1.5358
Co 228.615	1.3678	ppb	0.1549	11.3	6.3304
Cr 267.716	0.0018	ppb	0.0875	4955.8	16.4393
Cu 324.754	-0.7932	ppb	0.1811	22.8	279.901
Fe 271.441	97.9814	ppb	0.4495	0.5	94.4546
K 766.491	1068.46	ppb	2.4870	0.2	37827.8
Mg 279.078	1470.70	ppb	4.5087	0.3	2660.10
Mn 257.610	35.1539	ppb	0.1288	0.4	2023.24
Mo 202.032	0.0471	ppb	0.2480	527.2	3.5922
Na 330.237	13500.4	ppb	96.3582	0.7	559.633
Ni 231.604	0.6774	ppb	0.8053	118.9	9.6242
Pb 220.353	-0.9585	ppb	1.4194	148.1	-0.1088
Sb 206.834	0.6795	ppb	0.8499	125.1	2.1084
Se 196.026	4.5207	ppb	3.6243	80.2	1.9926
Sn 189.925	-1.2828	ppb	0.5711	44.5	-2.3440
Sr 216.596	36.0243	ppb	0.1868	0.5	334.080
Ti 334.941	0.1457	ppb	0.0177	12.1	-7.6927
Tl 190.794	1.3484	ppb	2.3507	174.3	-0.8989
V 292.401	0.0410	ppb	0.1109	270.7	-2.1866
Zn 206.200	2.2912	ppb	0.4337	18.9	7.9274

680-85987-a-7-a (Samp) **12/26/2012, 11:22:51 PM** **Rack 2, Tube 7**

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

Label	Replicates Concentration		
Ag 328.068	-0.4361u	-0.2944u	-0.1878u
Al 308.215	66.6706	65.6262	66.7085
As 188.980	3.0071	-1.4477u	2.7842
B 249.678	128.041	127.838	129.045
Ba 389.178	26.9747	25.7369	27.0099
Be 313.042	-0.0048u	-0.0137u	-0.0097u
Ca 370.602	16875	16887	16863
Cd 226.502	0.0867	0.0148	-0.1826u
Co 228.615	0.0593	0.3919	0.5177
Cr 267.716	1.0243	0.9136	1.0186
Cu 324.754	-0.8745u	-0.7335u	-0.7956u
Fe 271.441	238.821	236.874	228.786
K 766.491	2162.99	2143.18	2149.49
Mg 279.078	9617.73	9635.52	9649.88
Mn 257.610	113.893	114.062	115.876
Mo 202.032	-0.0410u	0.2467	-0.0914u
Na 330.237	30709.5	30885.8	30992.4
Ni 231.604	-0.6933u	0.4015	0.2363
Pb 220.353	2.0212	0.9264	-1.3710u
Sb 206.834	-3.1330u	0.9734	-2.0462u
Se 196.026	2.6501	4.0733	0.3357
Sn 189.925	-1.3910u	-4.1101u	-0.5818u
Sr 216.596	116.348	117.204	117.473
Ti 334.941	0.8617	0.7523	0.6979
Tl 190.794	-0.8474u	-0.4356u	-2.1055u
V 292.401	0.2993	0.1877	0.1413
Zn 206.200	3.4925	3.1710	3.4932

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3061	ppb	0.1245	40.7	-16.6670
Al 308.215	66.3351	ppb	0.6142	0.9	250.421
As 188.980	1.4479	ppb	2.5101	173.4	-1.8799
B 249.678	128.308	ppb	0.6462	0.5	1472.37
Ba 389.178	26.5738	ppb	0.7250	2.7	382.814
Be 313.042	-0.0094	ppb	0.0045	47.6	-83.8246
Ca 370.602	16875	ppb	11.93	0.1	48355
Cd 226.502	-0.0270	ppb	0.1394	515.5	8.2598
Co 228.615	0.3230	ppb	0.2368	73.3	-3.4100
Cr 267.716	0.9855	ppb	0.0623	6.3	50.0077
Cu 324.754	-0.8012	ppb	0.0707	8.8	279.458
Fe 271.441	234.827	ppb	5.3216	2.3	244.367
K 766.491	2151.89	ppb	10.1173	0.5	75787.1
Mg 279.078	9634.38	ppb	16.1042	0.2	17366.9
Mn 257.610	114.610	ppb	1.0995	1.0	6513.64
Mo 202.032	0.0381	ppb	0.1824	478.8	3.5340
Na 330.237	30862.6	ppb	142.864	0.5	1281.21
Ni 231.604	-0.0185	ppb	0.5902	3192.2	8.1631
Pb 220.353	0.5255	ppb	1.7312	329.4	1.8260
Sb 206.834	-1.4019	ppb	2.1277	151.8	-0.6285
Se 196.026	2.3530	ppb	1.8864	80.2	1.2548
Sn 189.925	-2.0276	ppb	1.8483	91.2	-2.8208
Sr 216.596	117.008	ppb	0.5872	0.5	1083.52
Ti 334.941	0.7707	ppb	0.0834	10.8	53.0265
Tl 190.794	-1.1295	ppb	0.8700	77.0	-2.2077
V 292.401	0.2095	ppb	0.0812	38.8	-0.1574
Zn 206.200	3.3856	ppb	0.1859	5.5	0.0058

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680-85987-c-8-a (Samp) **12/26/2012, 11:29:17 PM** **Rack 2, Tube 8**

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

Label	Replicates Concentration		
Ag 328.068	-0.5180u	-0.2943u	-0.3805u
Al 308.215	27.1053	27.3645	29.3468
As 188.980	0.5204	2.2164	5.3199
B 249.678	21.5520	21.8261	21.9762
Ba 389.178	39.7703	39.9825	39.4750
Be 313.042	-0.0025u	-0.0126u	0.0036
Ca 370.602	12779	12789	12770
Cd 226.502	-0.2347u	-0.1512u	0.0129
Co 228.615	0.1170	0.1213	-0.2454u
Cr 267.716	0.9790	0.9840	1.1145
Cu 324.754	-0.6524u	-0.8973u	-0.7481u
Fe 271.441	23.7819	27.6665	23.0690
K 766.491	2455.19	2442.90	2453.55
Mg 279.078	7678.99	7666.98	7644.66
Mn 257.610	71.7713	70.9824	70.6979
Mo 202.032	-0.3222u	-0.3789u	-0.3171u
Na 330.237	41548.1	41899.6	41264.8
Ni 231.604	0.8866	-0.4068u	0.7492
Pb 220.353	-1.3156u	-0.0834u	1.5682
Sb 206.834	-1.9496u	2.2216	1.4083
Se 196.026	6.8161	1.4211	3.0465
Sn 189.925	-3.0531u	0.1612	-0.4009u
Sr 216.596	179.884	179.195	178.791
Ti 334.941	0.4303	0.4652	0.4773
Tl 190.794	-5.3608u	-0.3499u	2.1555
V 292.401	0.0550u	0.3336	0.1726
Zn 206.200	5.1851	3.3683	4.1384

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3976	ppb	0.1128	28.4	-20.9942
Al 308.215	27.9389	ppb	1.2262	4.4	119.832
As 188.980	2.6856	ppb	2.4339	90.6	-1.1071
B 249.678	21.7847	ppb	0.2151	1.0	274.480
Ba 389.178	39.7426	ppb	0.2549	0.6	572.042
Be 313.042	-0.0038	ppb	0.0082	213.7	-79.4395
Ca 370.602	12779	ppb	9.162	0.1	36674
Cd 226.502	-0.1243	ppb	0.1259	101.3	4.0268
Co 228.615	-0.0024	ppb	0.2105	8765.5	-6.4558
Cr 267.716	1.0258	ppb	0.0769	7.5	51.4539
Cu 324.754	-0.7660	ppb	0.1234	16.1	281.449
Fe 271.441	24.8391	ppb	2.4744	10.0	14.4076
K 766.491	2450.54	ppb	6.6730	0.3	86250.9
Mg 279.078	7663.55	ppb	17.4205	0.2	13816.7
Mn 257.610	71.1505	ppb	0.5561	0.8	4060.15
Mo 202.032	-0.3394	ppb	0.0343	10.1	1.2885
Na 330.237	41570.8	ppb	318.034	0.8	1726.59
Ni 231.604	0.4097	ppb	0.7104	173.4	9.1479
Pb 220.353	0.0564	ppb	1.4470	2565.6	1.2092
Sb 206.834	0.5601	ppb	2.2112	394.8	1.9574
Se 196.026	3.7612	ppb	2.7676	73.6	1.7338
Sn 189.925	-1.0976	ppb	1.7167	156.4	-2.2135
Sr 216.596	179.290	ppb	0.5529	0.3	1658.54
Ti 334.941	0.4576	ppb	0.0244	5.3	22.1484
Tl 190.794	-1.1851	ppb	3.8271	322.9	-2.2473
V 292.401	0.1871	ppb	0.1398	74.8	-0.1929
Zn 206.200	4.2306	ppb	0.9119	21.6	0.7037

680-85912-a-1-a (Samp) **12/26/2012, 11:35:44 PM** **Rack 2, Tube 9**

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

Label	Replicates Concentration		
Ag 328.068	6.3207	6.5673	6.4665
Al 308.215	27323.0	27390.3	26995.3
As 188.980	50.6756	49.6193	45.9069
B 249.678	3358.33	3360.99	3384.88
Ba 389.178	12489.5	12496.5	12502.6
Be 313.042	0.9383	0.9505	0.9367
Ca 370.602	893079x	889859x	891020x
Cd 226.502	33.1811	33.3050	33.3863
Co 228.615	1567.19	1572.23	1564.45
Cr 267.716	396.353	395.978	398.716
Cu 324.754	1789.05	1829.34	1805.68
Fe 271.441	149322	149517	149114
K 766.491	343371x	343909x	342791x
Mg 279.078	21004.3	20994.8	21080.8
Mn 257.610	3737.17	3735.41	3797.16
Mo 202.032	94.2097	92.9610	93.4518
Na 330.237	756026x	754511x	755104x
Ni 231.604	296.930	300.783	297.802
Pb 220.353	224.656	222.704	221.708
Sb 206.834	42.9247	42.2195	44.0637
Se 196.026	42.2307	40.1630	54.1646
Sn 189.925	258.246	251.423	252.593
Sr 216.596	3155.89	3153.89	3174.40
Ti 334.941	1172.27	1171.17	1191.97
Tl 190.794	-57.5969u	-57.4221u	-49.9772u
V 292.401	384.062	385.616	384.669
Zn 206.200	24027.2	23986.9	24054.9

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	6.4515b	ppb	0.1239	1.9	227.162
Al 308.215	27236.2b	ppb	211.300	0.8	92672.8
As 188.980	48.7340b	ppb	2.5046	5.1	27.6168
B 249.678	3368.07b	ppb	14.6184	0.4	37827.8
Ba 389.178	12496.2b	ppb	6.5415	0.1	180761
Be 313.042	0.9419b	ppb	0.0075	0.8	1160.30
Ca 370.602	891319xb	ppb	1631	0.2	2510138
Cd 226.502	33.2908b	ppb	0.1033	0.3	1581.47
Co 228.615	1567.96b	ppb	3.9473	0.3	14660.1
Cr 267.716	397.015b	ppb	1.4843	0.4	13509.9
Cu 324.754	1808.03b	ppb	20.2474	1.1	103027
Fe 271.441	149318b	ppb	201.435	0.1	163570
K 766.491	343357xb	ppb	559.129	0.2	12030305
Mg 279.078	21026.6b	ppb	47.1403	0.2	37866.4
Mn 257.610	3756.58b	ppb	35.1520	0.9	212019
Mo 202.032	93.5409b	ppb	0.6291	0.7	555.896
Na 330.237	755214xb	ppb	763.431	0.1	31244.8
Ni 231.604	298.505b	ppb	2.0202	0.7	745.437
Pb 220.353	223.023b	ppb	1.4997	0.7	291.864
Sb 206.834	43.0693b	ppb	0.9306	2.2	62.0064
Se 196.026	45.5194b	ppb	7.5579	16.6	16.3554
Sn 189.925	254.087b	ppb	3.6488	1.4	164.516
Sr 216.596	3161.39b	ppb	11.3069	0.4	29513.2
Ti 334.941	1178.47b	ppb	11.7031	1.0	115021
Tl 190.794	-54.9987b	ppb	4.3496	7.9	-37.9109
V 292.401	384.783b	ppb	0.7832	0.2	7596.58
Zn 206.200	24023.0b	ppb	34.1781	0.1	20791.0

mb 680-260769/1-a (Samp) **12/26/2012, 11:42:12 PM** **Rack 2, Tube 10**

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

Label	Replicates Concentration		
Ag 328.068	-0.1847u	-0.2252u	-0.7661u
Al 308.215	1.1756	3.1727	2.0029
As 188.980	-3.1810u	-0.7751u	0.3217
B 249.678	17.7432	15.2141	13.6844
Ba 389.178	-0.5671u	-0.5982u	-0.0605u
Be 313.042	-0.0190u	-0.0172u	-0.0203u
Ca 370.602	-4.131u	-4.274u	-2.930u
Cd 226.502	0.0406	-0.0847u	-0.1903u
Co 228.615	0.0166	0.0941	-0.0380u
Cr 267.716	-0.3058u	0.0293	-0.0113u
Cu 324.754	-0.8077u	-0.7466u	-0.5935u
Fe 271.441	20.3017	20.7470	17.3245
K 766.491	-2.6306u	-3.3415u	-3.3744u
Mg 279.078	1.7332	-2.0135u	-2.6852u
Mn 257.610	-0.2725u	-0.3286u	-0.3183u
Mo 202.032	-0.2522u	0.2180	-0.0647u
Na 330.237	231.603	131.916	0.7217
Ni 231.604	-0.1694u	0.2890	0.1718
Pb 220.353	2.1902	-0.6713u	1.9378
Sb 206.834	-0.0330u	-1.4701u	1.3420
Se 196.026	1.4583	0.7614	2.2576
Sn 189.925	-1.0992u	-1.7628u	-2.0049u
Sr 216.596	-0.0743u	0.2320	-0.3054u
Ti 334.941	0.3301	0.2553	0.0897
Tl 190.794	0.7603	-1.3312u	0.3743
V 292.401	-0.0013u	0.0224	0.1331
Zn 206.200	0.3150	-0.0006u	1.5278

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3920	ppb	0.3246	82.8	-19.4124
Al 308.215	2.1170	ppb	1.0034	47.4	32.0119
As 188.980	-1.2115	ppb	1.7916	147.9	-3.5401
B 249.678	15.5472	ppb	2.0498	13.2	204.326
Ba 389.178	-0.4086	ppb	0.3019	73.9	-14.3896
Be 313.042	-0.0189	ppb	0.0015	8.1	-96.1792
Ca 370.602	-3.778	ppb	0.7382	19.5	20.71
Cd 226.502	-0.0781	ppb	0.1156	147.9	4.7054
Co 228.615	0.0242	ppb	0.0664	274.0	-6.2155
Cr 267.716	-0.0959	ppb	0.1829	190.7	12.9510
Cu 324.754	-0.7159	ppb	0.1104	15.4	284.290
Fe 271.441	19.4577	ppb	1.8608	9.6	8.2946
K 766.491	-3.1155	ppb	0.4203	13.5	283.989
Mg 279.078	-0.9885	ppb	2.3809	240.8	9.0579
Mn 257.610	-0.3065	ppb	0.0299	9.7	21.5681
Mo 202.032	-0.0330	ppb	0.2367	718.2	3.1170
Na 330.237	121.414	ppb	115.798	95.4	3.4022
Ni 231.604	0.0971	ppb	0.2382	245.3	8.1547
Pb 220.353	1.1523	ppb	1.5843	137.5	2.6180
Sb 206.834	-0.0537	ppb	1.4061	2619.0	1.1404
Se 196.026	1.4924	ppb	0.7487	50.2	0.9611
Sn 189.925	-1.6223	ppb	0.4689	28.9	-2.5709
Sr 216.596	-0.0492	ppb	0.2696	547.6	0.1626
Ti 334.941	0.2250	ppb	0.1230	54.7	0.3681
Tl 190.794	-0.0655	ppb	1.1129	1698.8	-1.6812
V 292.401	0.0514	ppb	0.0717	139.5	-1.1685
Zn 206.200	0.6141	ppb	0.8069	131.4	6.4521

lcs 680-260769/2-a (Samp) **12/26/2012, 11:48:39 PM** **Rack 2, Tube 11**

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

Label	Replicates Concentration		
Ag 328.068	47.6092	51.0815	50.8815
Al 308.215	4880.78	5049.58	4930.22
As 188.980	103.160	105.680	104.969
B 249.678	206.190	214.201	211.929
Ba 389.178	100.030	102.615	101.695
Be 313.042	53.1026	54.9693	54.3134
Ca 370.602	5015	5151	5091
Cd 226.502	49.6636	51.4039	50.7528
Co 228.615	50.1598	52.1212	51.6013
Cr 267.716	105.330	108.649	107.884
Cu 324.754	101.336	105.884	102.749
Fe 271.441	5037.76	5212.48	5133.72
K 766.491	5119.30	5276.54	5200.07
Mg 279.078	5014.57	5181.41	5123.19
Mn 257.610	529.624	546.695	546.705
Mo 202.032	99.6958	102.077	100.914
Na 330.237	4570.78	4590.44	4799.71
Ni 231.604	99.6326	103.904	100.506
Pb 220.353	49.2702	51.3774	49.5966
Sb 206.834	48.9591	48.9813	49.9240
Se 196.026	111.525	109.518	109.376
Sn 189.925	97.8813	102.990	100.432
Sr 216.596	101.428	103.838	103.346
Ti 334.941	100.430	104.287	104.069
Tl 190.794	37.4317	43.0510	41.6685
V 292.401	101.893	105.491	104.133
Zn 206.200	102.027	104.109	104.789

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	49.8574	ppb	1.9496	3.9	2146.70
Al 308.215	4953.53	ppb	86.7841	1.8	16877.8
As 188.980	104.603	ppb	1.2988	1.2	62.4947
B 249.678	210.773	ppb	4.1291	2.0	2397.17
Ba 389.178	101.447	ppb	1.3105	1.3	1464.94
Be 313.042	54.1285	ppb	0.9470	1.7	60530.9
Ca 370.602	5086	ppb	68.07	1.3	13076
Cd 226.502	50.6067	ppb	0.8793	1.7	1745.66
Co 228.615	51.2941	ppb	1.0161	2.0	472.228
Cr 267.716	107.287	ppb	1.7379	1.6	3651.93
Cu 324.754	103.323	ppb	2.3273	2.3	6195.87
Fe 271.441	5127.99	ppb	87.4986	1.7	5605.47
K 766.491	5198.63	ppb	78.6297	1.5	182533
Mg 279.078	5106.39	ppb	84.6837	1.7	9205.20
Mn 257.610	541.008	ppb	9.8587	1.8	30561.1
Mo 202.032	100.896	ppb	1.1909	1.2	605.410
Na 330.237	4653.64	ppb	126.880	2.7	189.689
Ni 231.604	101.348	ppb	2.2568	2.2	256.836
Pb 220.353	50.0814	ppb	1.1342	2.3	65.7929
Sb 206.834	49.2881	ppb	0.5508	1.1	65.7789
Se 196.026	110.140	ppb	1.2023	1.1	37.9751
Sn 189.925	100.435	ppb	2.5546	2.5	63.9155
Sr 216.596	102.871	ppb	1.2733	1.2	955.102
Ti 334.941	102.929	ppb	2.1670	2.1	10028.5
Tl 190.794	40.7171	ppb	2.9280	7.2	20.4781
V 292.401	103.839	ppb	1.8172	1.8	2055.47
Zn 206.200	103.641	ppb	1.4391	1.4	05.3135

680-85980-b-46-a (Samp) **12/26/2012, 11:55:07 PM** **Rack 2, Tube 12**

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

Label	Replicates Concentration		
Ag 328.068	-0.7055u	-0.3734u	-0.6154u
Al 308.215	8.5349	6.7765	8.5161
As 188.980	0.3447	0.7850	1.2086
B 249.678	3.9007	3.6627	3.2578
Ba 389.178	0.2164	-0.9432u	-0.7786u
Be 313.042	0.0073	0.0133	0.0047
Ca 370.602	48.51	52.62	48.72
Cd 226.502	-0.1376u	-0.0327u	-0.1429u
Co 228.615	0.0954	0.5118	-0.2499u
Cr 267.716	0.1063	0.1927	-0.0097u
Cu 324.754	0.5472	0.6758	0.7387
Fe 271.441	12.2239	15.0227	8.4389
K 766.491	0.5828	0.5716	0.4782
Mg 279.078	2.5352	5.2175	2.6569
Mn 257.610	0.1695	0.1701	0.1443
Mo 202.032	0.0023	0.0729	0.3698
Na 330.237	145.704	49.3704	154.216
Ni 231.604	-0.9466u	0.5528	-0.3586u
Pb 220.353	146.863	149.492	147.556
Sb 206.834	0.9277	-1.4701u	-0.1198u
Se 196.026	5.0769	2.6863	-1.3932u
Sn 189.925	225.161	225.042	224.173
Sr 216.596	0.5725	0.1801	0.0585
Ti 334.941	0.1135	0.1413	0.1008
Tl 190.794	0.8140	5.4589	2.9251
V 292.401	0.2451	0.0654	0.1998
Zn 206.200	2.8909	2.9094	4.0899

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.5648	ppb	0.1717	30.4	-26.8642
Al 308.215	7.9425	ppb	1.0099	12.7	51.8333
As 188.980	0.7794	ppb	0.4319	55.4	-2.2973
B 249.678	3.6070	ppb	0.3251	9.0	70.0474
Ba 389.178	-0.5018	ppb	0.6274	125.0	-15.7415
Be 313.042	0.0085	ppb	0.0044	51.9	-65.6394
Ca 370.602	49.95	ppb	2.311	4.6	178.0
Cd 226.502	-0.1044	ppb	0.0622	59.5	3.7915
Co 228.615	0.1191	ppb	0.3814	320.3	-5.3885
Cr 267.716	0.0964	ppb	0.1015	105.3	19.4652
Cu 324.754	0.6539	ppb	0.0976	14.9	362.094
Fe 271.441	11.8952	ppb	3.3042	27.8	0.0222
K 766.491	0.5442	ppb	0.0575	10.6	412.212
Mg 279.078	3.4699	ppb	1.5147	43.7	17.0837
Mn 257.610	0.1613	ppb	0.0148	9.1	47.9804
Mo 202.032	0.1483	ppb	0.1950	131.5	4.1995
Na 330.237	116.430	ppb	58.2311	50.0	3.1836
Ni 231.604	-0.2508	ppb	0.7555	301.3	7.3021
Pb 220.353	147.970	ppb	1.3627	0.9	192.675
Sb 206.834	-0.2207	ppb	1.2021	544.6	0.9500
Se 196.026	2.1233	ppb	3.2716	154.1	1.1759
Sn 189.925	224.792	ppb	0.5390	0.2	144.924
Sr 216.596	0.2704	ppb	0.2686	99.4	3.1128
Ti 334.941	0.1185	ppb	0.0207	17.5	-10.0297
Tl 190.794	3.0660	ppb	2.3256	75.9	0.0173
V 292.401	0.1701	ppb	0.0934	54.9	1.1466
Zn 206.200	3.2967	ppb	0.6869	20.8	8.7726

680-86038-c-1-a (Samp) **12/27/2012, 12:14:26 AM** **Rack 2, Tube 15**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.6565u	-0.6537u	-0.8027u
Al 308.215	122.098	120.608	118.048
As 188.980	7.0352	5.2084	4.2666
B 249.678	65.6064	65.7200	66.1659
Ba 389.178	-0.6857u	-0.7395u	-1.2212u
Be 313.042	0.0259u	0.0422u	0.0257u
Ca 370.602	8484	8448	8435
Cd 226.502	-0.3282u	-0.3411u	-0.1621u
Co 228.615	0.0197	0.1723	-0.2122u
Cr 267.716	-0.1827	-0.0862	-0.0882
Cu 324.754	9.1569	9.3470	9.2058
Fe 271.441	52.8244	47.6169	53.8635
K 766.491	17290.3	16876.6	17252.7
Mg 279.078	2639.30	2644.34	2650.08
Mn 257.610	74.4611	74.9430	75.5402
Mo 202.032	4.1160	4.1840	4.3347
Na 330.237	976797x	969658x	971258x
Ni 231.604	124.784	126.690	125.767
Pb 220.353	-1.7048u	-0.1018u	1.2228
Sb 206.834	5.1529	4.3032	3.7823
Se 196.026	9.5809	6.1815	6.1010
Sn 189.925	34.5320	35.9042	38.1190
Sr 216.596	42.0383	42.3071	43.0543
Ti 334.941	0.5767	0.6190	0.5220
Tl 190.794	0.2826	3.4747	4.0936
V 292.401	2.2475	2.5037	2.4187
Zn 206.200	100.397	101.249	102.356

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.7043b	ppb	0.0852	12.1	-33.2102
Al 308.215	120.251b	ppb	2.0482	1.7	433.940
As 188.980	5.5034b	ppb	1.4076	25.6	0.6509
B 249.678	65.8308b	ppb	0.2958	0.4	769.854
Ba 389.178	-0.8821b	ppb	0.2949	33.4	-19.8103
Be 313.042	0.0313b	ppb	0.0095	30.3	-102.012
Ca 370.602	8456b	ppb	25.01	0.3	24268
Cd 226.502	-0.2771b	ppb	0.0998	36.0	-5.9909
Co 228.615	-0.0067b	ppb	0.1936	2879.1	-6.6029
Cr 267.716	-0.1190b	ppb	0.0551	46.3	23.7446
Cu 324.754	9.2366b	ppb	0.0987	1.1	849.621
Fe 271.441	51.4350b	ppb	3.3471	6.5	43.4757
K 766.491	17139.9b	ppb	228.784	1.3	600908
Mg 279.078	2644.57b	ppb	5.3937	0.2	4774.54
Mn 257.610	74.9814b	ppb	0.5406	0.7	4269.66
Mo 202.032	4.2116b	ppb	0.1119	2.7	28.4536
Na 330.237	972571xb	ppb	3746.38	0.4	40438.2
Ni 231.604	125.747b	ppb	0.9534	0.8	316.434
Pb 220.353	-0.1946b	ppb	1.4660	753.3	0.8761
Sb 206.834	4.4128b	ppb	0.6918	15.7	6.9887
Se 196.026	7.2878b	ppb	1.9863	27.3	2.9348
Sn 189.925	36.1851b	ppb	1.8099	5.0	22.3177
Sr 216.596	42.4666b	ppb	0.5264	1.2	388.498
Ti 334.941	0.5725b	ppb	0.0486	8.5	9.2966
Tl 190.794	2.6170b	ppb	2.0452	78.2	-0.1886
V 292.401	2.3900b	ppb	0.1305	5.5	38.6315
Zn 206.200	101.334b	ppb	0.9822	1.0	93.6420

680-86038-c-1-aSD^5 (Samp) **12/27/2012, 12:20:52 AM** **Rack 2, Tube 16**

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

Label	Replicates Concentration		
Ag 328.068	-0.6209u	-0.4606u	-0.2963u
Al 308.215	22.1463	22.0578	22.3862
As 188.980	1.2550	3.3113	1.7543
B 249.678	14.2427	14.8375	14.3345
Ba 389.178	-0.2940u	-0.6061u	0.0119
Be 313.042	-0.0138u	-0.0152u	-0.0131u
Ca 370.602	1676	1666	1676
Cd 226.502	-0.2347u	-0.2333u	-0.1758u
Co 228.615	-0.0784u	0.1012	0.0527
Cr 267.716	-0.2751u	-0.1896u	-0.0596u
Cu 324.754	1.1421	1.1680	0.9898
Fe 271.441	20.4403	21.6986	18.9006
K 766.491	2492.94	2488.39	2484.47
Mg 279.078	543.713	540.399	544.702
Mn 257.610	14.8585	14.5398	14.4824
Mo 202.032	0.8795	0.6717	0.2570
Na 330.237	168175x	166987x	167044x
Ni 231.604	26.7824	24.6720	23.8168
Pb 220.353	-1.0378u	1.4972	0.6422
Sb 206.834	0.4119	0.5299	1.6696
Se 196.026	4.6282	2.1063	6.6410
Sn 189.925	7.4180	7.3666	8.9405
Sr 216.596	8.6040	8.3774	8.3716
Ti 334.941	0.0252u	0.0952	0.0840
Tl 190.794	0.5416	-2.0634u	1.4294
V 292.401	0.9120	0.5645	0.5799
Zn 206.200	19.0524	19.0546	19.7994

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4593b	ppb	0.1623	35.3	-22.3755
Al 308.215	22.1968b	ppb	0.1699	0.8	100.339
As 188.980	2.1069b	ppb	1.0725	50.9	-1.4686
B 249.678	14.4716b	ppb	0.3202	2.2	192.237
Ba 389.178	-0.2961b	ppb	0.3090	104.4	-12.4614
Be 313.042	-0.0141b	ppb	0.0010	7.3	-101.419
Ca 370.602	1672b	ppb	5.702	0.3	4829
Cd 226.502	-0.2146b	ppb	0.0336	15.7	-0.6290
Co 228.615	0.0252b	ppb	0.0929	368.9	-6.2277
Cr 267.716	-0.1748b	ppb	0.1085	62.1	12.2688
Cu 324.754	1.0999b	ppb	0.0963	8.8	387.431
Fe 271.441	20.3465b	ppb	1.4013	6.9	9.3115
K 766.491	2488.60b	ppb	4.2410	0.2	87584.1
Mg 279.078	542.938b	ppb	2.2533	0.4	988.841
Mn 257.610	14.6269b	ppb	0.2026	1.4	864.223
Mo 202.032	0.6027b	ppb	0.3170	52.6	6.9119
Na 330.237	167402xb	ppb	669.822	0.4	6958.98
Ni 231.604	25.0904b	ppb	1.5264	6.1	69.4766
Pb 220.353	0.3672b	ppb	1.2897	351.2	1.6021
Sb 206.834	0.8705b	ppb	0.6946	79.8	2.3522
Se 196.026	4.4585b	ppb	2.2721	51.0	1.9712
Sn 189.925	7.9084b	ppb	0.8942	11.3	3.6825
Sr 216.596	8.4510b	ppb	0.1325	1.6	77.7901
Ti 334.941	0.0681b	ppb	0.0376	55.1	-19.2528
Tl 190.794	-0.0308b	ppb	1.8154	5900.8	-1.6535
V 292.401	0.6855b	ppb	0.1963	28.6	10.2700
Zn 206.200	19.3022b	ppb	0.4306	2.2	22.6309

680-86038-c-1-a PDS (Samp) **12/27/2012, 12:27:18 AM** **Rack 2, Tube 17**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	52.7896	53.3267	53.1516
Al 308.215	2218.81	2191.51	2182.83
As 188.980	2208.14	2199.14	2187.63
B 249.678	1089.92	1095.44	1100.11
Ba 389.178	2004.75	1996.21	1994.09
Be 313.042	52.5721	52.7357	52.6581
Ca 370.602	13091	13036	13034
Cd 226.502	49.2551	49.1241	49.3714
Co 228.615	494.938	495.364	493.901
Cr 267.716	206.151	206.720	206.590
Cu 324.754	267.910	266.278	264.918
Fe 271.441	1103.81	1110.36	1104.64
K 766.491	24192.9	24225.6	24125.8
Mg 279.078	7357.37	7380.89	7378.16
Mn 257.610	590.563	599.472	601.944
Mo 202.032	492.370	491.045	492.272
Na 330.237	958042x	960215x	955552x
Ni 231.604	609.536	611.392	615.782
Pb 220.353	472.147	474.764	470.777
Sb 206.834	497.313	494.976	494.958
Se 196.026	2125.19	2134.80	2143.86
Sn 189.925	1021.83	1029.87	1030.74
Sr 216.596	546.963	548.328	550.608
Ti 334.941	957.617	971.981	976.325
Tl 190.794	1808.15	1777.94	1774.23
V 292.401	499.568	499.281	499.273
Zn 206.200	619.442	615.939	623.425

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	53.0893b	ppb	0.2739	0.5	2284.14
Al 308.215	2197.72b	ppb	18.7763	0.9	7528.68
As 188.980	2198.30b	ppb	10.2833	0.5	1369.52
B 249.678	1095.16b	ppb	5.1014	0.5	12345.6
Ba 389.178	1998.35b	ppb	5.6431	0.3	28917.1
Be 313.042	52.6553b	ppb	0.0819	0.2	58844.8
Ca 370.602	13054b	ppb	32.17	0.2	37197
Cd 226.502	49.2502b	ppb	0.1237	0.3	1685.23
Co 228.615	494.734b	ppb	0.7526	0.2	4619.55
Cr 267.716	206.487b	ppb	0.2978	0.1	7021.53
Cu 324.754	266.368b	ppb	1.4983	0.6	15472.7
Fe 271.441	1106.27b	ppb	3.5651	0.3	1238.81
K 766.491	24181.4b	ppb	50.8924	0.2	847617
Mg 279.078	7372.14b	ppb	12.8618	0.2	13286.8
Mn 257.610	597.326b	ppb	5.9859	1.0	33737.0
Mo 202.032	491.895b	ppb	0.7384	0.2	2939.17
Na 330.237	957936xb	ppb	2333.12	0.2	39822.7
Ni 231.604	612.236b	ppb	3.2075	0.5	1510.95
Pb 220.353	472.563b	ppb	2.0258	0.4	611.657
Sb 206.834	495.749b	ppb	1.3543	0.3	650.423
Se 196.026	2134.62b	ppb	9.3369	0.4	727.410
Sn 189.925	1027.48b	ppb	4.9171	0.5	668.082
Sr 216.596	548.633b	ppb	1.8412	0.3	5044.06
Ti 334.941	968.641b	ppb	9.7910	1.0	94519.4
Tl 190.794	1786.77b	ppb	18.6037	1.0	968.162
V 292.401	499.374b	ppb	0.1683	0.0	9895.72
Zn 206.200	619.602b	ppb	3.7455	0.6	541.421

680-86038-c-1-b ms (Samp) **12/27/2012, 12:33:44 AM** **Rack 2, Tube 18**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	54.0127	54.5859	54.2467
Al 308.215	5556.78	5596.17	5629.47
As 188.980	118.055	116.243	116.084
B 249.678	282.838	284.299	282.485
Ba 389.178	100.660	100.973	101.415
Be 313.042	55.3627	55.5200	55.5118
Ca 370.602	13691	13726	13754
Cd 226.502	51.6131	51.4292	51.5013
Co 228.615	51.0396	50.2974	51.8766
Cr 267.716	108.139	108.109	108.157
Cu 324.754	119.842	120.969	121.043
Fe 271.441	5158.00	5179.25	5198.72
K 766.491	25181.0	25228.2	25324.9
Mg 279.078	7654.39	7659.71	7656.61
Mn 257.610	622.673	620.151	617.797
Mo 202.032	105.613	105.785	106.131
Na 330.237	998672x	996794x	998893x
Ni 231.604	227.962	228.366	228.713
Pb 220.353	51.0276	50.8650	47.2377
Sb 206.834	55.9233	51.0346	55.5169
Se 196.026	108.533	115.738	113.788
Sn 189.925	143.623	142.837	140.995
Sr 216.596	149.157	149.138	149.065
Ti 334.941	103.365	103.007	102.405
Tl 190.794	41.4840	38.0245	35.9310
V 292.401	107.258	107.683	107.710
Zn 206.200	210.453	212.642	210.100

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	54.2817b	ppb	0.2882	0.5	2337.20
Al 308.215	5594.14b	ppb	36.3869	0.7	19056.7
As 188.980	116.794b	ppb	1.0952	0.9	70.1043
B 249.678	283.207b	ppb	0.9618	0.3	3211.80
Ba 389.178	101.016b	ppb	0.3795	0.4	1460.06
Be 313.042	55.4648b	ppb	0.0886	0.2	61963.8
Ca 370.602	13724b	ppb	31.72	0.2	37827
Cd 226.502	51.5145b	ppb	0.0927	0.2	1772.71
Co 228.615	51.0712b	ppb	0.7901	1.5	470.030
Cr 267.716	108.135b	ppb	0.0244	0.0	3692.48
Cu 324.754	120.618b	ppb	0.6728	0.6	7178.23
Fe 271.441	5178.66b	ppb	20.3686	0.4	5661.11
K 766.491	25244.7b	ppb	73.3482	0.3	884870
Mg 279.078	7656.91b	ppb	2.6693	0.0	13799.4
Mn 257.610	620.207b	ppb	2.4389	0.4	35029.7
Mo 202.032	105.843b	ppb	0.2637	0.2	634.949
Na 330.237	998120xb	ppb	1153.54	0.1	41498.4
Ni 231.604	228.347b	ppb	0.3761	0.2	568.422
Pb 220.353	49.7101b	ppb	2.1427	4.3	65.2970
Sb 206.834	54.1583b	ppb	2.7128	5.0	72.1607
Se 196.026	112.687b	ppb	3.7267	3.3	38.8427
Sn 189.925	142.485b	ppb	1.3491	0.9	91.5739
Sr 216.596	149.120b	ppb	0.0487	0.0	1377.93
Ti 334.941	102.926b	ppb	0.4851	0.5	10002.6
Tl 190.794	38.4798b	ppb	2.8044	7.3	19.3030
V 292.401	107.551b	ppb	0.2533	0.2	2122.38
Zn 206.200	211.065b	ppb	1.3768	0.7	188.299

680-86038-c-1-c msd (Samp) **12/27/2012, 12:40:10 AM** **Rack 2, Tube 19**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	54.7965	54.8583	54.8498
Al 308.215	5696.65	5628.77	5620.79
As 188.980	118.607	123.171	117.282
B 249.678	283.822	284.003	284.391
Ba 389.178	101.527	101.320	101.997
Be 313.042	56.1642	56.0268	56.0065
Ca 370.602	13979	13901	13922
Cd 226.502	51.7188	51.8759	52.0435
Co 228.615	51.1104	50.2724	50.4578
Cr 267.716	109.387	109.391	109.125
Cu 324.754	119.099	117.782	118.071
Fe 271.441	5249.05	5216.96	5204.05
K 766.491	25857.0	25751.8	25599.0
Mg 279.078	7758.10	7765.28	7760.22
Mn 257.610	624.353	629.794	632.073
Mo 202.032	106.705	106.672	107.660
Na 330.237	1018009x	1015387x	1020795x
Ni 231.604	233.102	232.690	231.440
Pb 220.353	50.9931	50.2960	51.1182
Sb 206.834	51.9177	59.1591	53.8171
Se 196.026	126.968	121.398	123.105
Sn 189.925	145.065	146.327	141.764
Sr 216.596	150.481	150.311	151.571
Ti 334.941	104.353	105.009	105.328
Tl 190.794	32.3128	34.3785	35.1351
V 292.401	108.801	108.293	108.287
Zn 206.200	212.960	213.458	214.412

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	54.8348b	ppb	0.0335	0.1	2361.04
Al 308.215	5648.74b	ppb	41.6863	0.7	19242.5
As 188.980	119.687b	ppb	3.0894	2.6	71.9102
B 249.678	284.072b	ppb	0.2905	0.1	3221.50
Ba 389.178	101.615b	ppb	0.3466	0.3	1468.79
Be 313.042	56.0658b	ppb	0.0858	0.2	62635.5
Ca 370.602	13934b	ppb	40.65	0.3	38417
Cd 226.502	51.8794b	ppb	0.1624	0.3	1785.19
Co 228.615	50.6135b	ppb	0.4401	0.9	465.754
Cr 267.716	109.301b	ppb	0.1525	0.1	3732.22
Cu 324.754	118.317b	ppb	0.6925	0.6	7047.60
Fe 271.441	5223.35b	ppb	23.1719	0.4	5710.05
K 766.491	25735.9b	ppb	129.711	0.5	902082
Mg 279.078	7761.20b	ppb	3.6899	0.0	13987.2
Mn 257.610	628.740b	ppb	3.9666	0.6	35511.1
Mo 202.032	107.012b	ppb	0.5611	0.5	641.927
Na 330.237	1018064xb	ppb	2704.61	0.3	42327.6
Ni 231.604	232.410b	ppb	0.8655	0.4	578.393
Pb 220.353	50.8024b	ppb	0.4431	0.9	66.7090
Sb 206.834	54.9646b	ppb	3.7546	6.8	73.2198
Se 196.026	123.824b	ppb	2.8533	2.3	42.6356
Sn 189.925	144.385b	ppb	2.3564	1.6	92.8170
Sr 216.596	150.788b	ppb	0.6834	0.5	1393.25
Ti 334.941	104.897b	ppb	0.4969	0.5	10194.6
Tl 190.794	33.9421b	ppb	1.4609	4.3	16.8443
V 292.401	108.461b	ppb	0.2951	0.3	2140.26
Zn 206.200	213.610b	ppb	0.7379	0.3	190.499

680-86043-a-1-a (Samp) **12/27/2012, 12:46:37 AM** **Rack 2, Tube 20**

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

Label	Replicates Concentration		
Ag 328.068	-0.3544u	-0.2944u	-0.3862u
Al 308.215	149.435	151.195	151.086
As 188.980	2.0129	-4.4878u	-4.0762u
B 249.678	15.6403	15.0282	15.2918
Ba 389.178	16.9227	17.7075	17.1960
Be 313.042	0.0159	0.0136	0.0142
Ca 370.602	8476	8455	8435
Cd 226.502	5.8300	5.7728	5.8684
Co 228.615	0.2471	0.7190	0.1599
Cr 267.716	0.4497	0.3603	0.4956
Cu 324.754	2.1681	2.2929	2.1778
Fe 271.441	1050.32	1050.02	1041.56
K 766.491	5673.84	5689.72	5655.96
Mg 279.078	1137.51	1130.96	1126.23
Mn 257.610	11.4680	11.4086	11.3376
Mo 202.032	-0.0170u	0.2700	0.0911
Na 330.237	2655.04	2443.94	2544.79
Ni 231.604	14.3134	15.9462	15.2882
Pb 220.353	0.2601	1.4508	-2.2379u
Sb 206.834	-0.7365u	-1.0004u	1.0717
Se 196.026	6.5345	-3.2462u	1.1076
Sn 189.925	-1.0379u	-2.6838u	0.0960
Sr 216.596	30.2531	30.5412	29.8552
Ti 334.941	0.7227	0.7968	0.5220
Tl 190.794	-2.2199u	-3.5052u	2.2441
V 292.401	0.5124	0.2937	0.5806
Zn 206.200	10.1273	10.1848	10.2411

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3450	ppb	0.0466	13.5	-17.7914
Al 308.215	150.572	ppb	0.9861	0.7	536.928
As 188.980	-2.1837	ppb	3.6402	166.7	-4.1472
B 249.678	15.3201	ppb	0.3070	2.0	201.228
Ba 389.178	17.2754	ppb	0.3984	2.3	241.718
Be 313.042	0.0146	ppb	0.0012	8.1	-57.2461
Ca 370.602	8455	ppb	20.51	0.2	23962
Cd 226.502	5.8237	ppb	0.0481	0.8	209.034
Co 228.615	0.3753	ppb	0.3008	80.1	-2.8979
Cr 267.716	0.4352	ppb	0.0688	15.8	31.1866
Cu 324.754	2.2129	ppb	0.0694	3.1	450.646
Fe 271.441	1047.30	ppb	4.9737	0.5	1133.61
K 766.491	5673.17	ppb	16.8865	0.3	199159
Mg 279.078	1131.57	ppb	5.6633	0.5	2049.41
Mn 257.610	11.4047	ppb	0.0653	0.6	683.865
Mo 202.032	0.1147	ppb	0.1450	126.4	3.9597
Na 330.237	2547.93	ppb	105.586	4.1	103.999
Ni 231.604	15.1826	ppb	0.8215	5.4	45.2233
Pb 220.353	-0.1757	ppb	1.8826	1071.6	0.9186
Sb 206.834	-0.2217	ppb	1.1279	508.7	0.9368
Se 196.026	1.4653	ppb	4.9002	334.4	0.9546
Sn 189.925	-1.2085	ppb	1.3977	115.7	-2.2977
Sr 216.596	30.2165	ppb	0.3445	1.1	281.522
Ti 334.941	0.6805	ppb	0.1422	20.9	44.8383
Tl 190.794	-1.1603	ppb	3.0176	260.1	-2.3433
V 292.401	0.4622	ppb	0.1499	32.4	6.3037
Zn 206.200	10.1844	ppb	0.0569	0.6	14.7522

680-86043-a-2-a (Samp) **12/27/2012, 12:53:04 AM** **Rack 2, Tube 21**

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

Label	Replicates Concentration		
Ag 328.068	-0.4658u	-0.4047u	-0.2178u
Al 308.215	648.051	641.865	636.661
As 188.980	6.5870	-1.7242u	1.9923
B 249.678	10.8214	11.3025	11.3827
Ba 389.178	18.6180	17.2490	17.3909
Be 313.042	-0.0120u	-0.0097u	-0.0124u
Ca 370.602	5625	5613	5592
Cd 226.502	4.7072	4.5926	4.6696
Co 228.615	0.8529	1.0049	1.3519
Cr 267.716	0.8676	0.6012	0.9032
Cu 324.754	0.3968	0.2446	0.5552
Fe 271.441	2265.74	2256.15	2256.99
K 766.491	7017.82	6978.22	6980.82
Mg 279.078	840.271	846.290	841.229
Mn 257.610	28.8709	29.2405	29.3929
Mo 202.032	0.4364	0.4257	0.1469
Na 330.237	1937.35	1902.73	2124.74
Ni 231.604	16.2198	16.7122	15.2377
Pb 220.353	0.2454	-0.5173u	-0.0890u
Sb 206.834	-0.6575u	3.0799	0.6134
Se 196.026	-2.6721u	-1.5259u	-3.6865u
Sn 189.925	1.1253	0.1779	-0.7542u
Sr 216.596	22.0291	22.0823	22.3904
Ti 334.941	2.4045	2.4625	2.4719
Tl 190.794	1.0953	-0.1081u	0.8323
V 292.401	1.5566	1.7304	1.8434
Zn 206.200	17.9296	17.8887	17.2197

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3628	ppb	0.1292	35.6	-18.6973
Al 308.215	642.192	ppb	5.7020	0.9	2208.98
As 188.980	2.2851	ppb	4.1633	182.2	-1.3573
B 249.678	11.1688	ppb	0.3036	2.7	153.888
Ba 389.178	17.7526	ppb	0.7528	4.2	248.886
Be 313.042	-0.0114	ppb	0.0015	13.0	-86.8315
Ca 370.602	5610	ppb	16.55	0.3	15436
Cd 226.502	4.6565	ppb	0.0584	1.3	172.090
Co 228.615	1.0699	ppb	0.2558	23.9	3.6645
Cr 267.716	0.7907	ppb	0.1650	20.9	43.5075
Cu 324.754	0.3989	ppb	0.1553	38.9	347.633
Fe 271.441	2259.63	ppb	5.3114	0.2	2460.73
K 766.491	6992.29	ppb	22.1490	0.3	245376
Mg 279.078	842.596	ppb	3.2341	0.4	1528.68
Mn 257.610	29.1681	ppb	0.2684	0.9	1686.04
Mo 202.032	0.3363	ppb	0.1641	48.8	5.2434
Na 330.237	1988.27	ppb	119.445	6.0	80.4510
Ni 231.604	16.0565	ppb	0.7507	4.7	47.3957
Pb 220.353	-0.1203	ppb	0.3823	317.8	1.0038
Sb 206.834	1.0119	ppb	1.9003	187.8	2.5923
Se 196.026	-2.6282	ppb	1.0809	41.1	-0.4362
Sn 189.925	0.1830	ppb	0.9398	513.5	-1.3925
Sr 216.596	22.1673	ppb	0.1951	0.9	208.933
Ti 334.941	2.4463	ppb	0.0365	1.5	217.298
Tl 190.794	0.6065	ppb	0.6327	104.3	-1.4626
V 292.401	1.7101	ppb	0.1445	8.4	31.8484
Zn 206.200	17.6793	ppb	0.3986	2.3	21.2342

680-86043-a-3-a (Samp) **12/27/2012, 12:59:31 AM** **Rack 2, Tube 22**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.1406u	-0.2982u	-0.1589u
Al 308.215	109.461	109.144	110.881
As 188.980	1.5911	0.8214	0.3488
B 249.678	11.5694	11.3799	11.3900
Ba 389.178	22.7474	22.5753	22.8254
Be 313.042	0.0252	0.0209	0.0219
Ca 370.602	11011	10991	11053
Cd 226.502	2.3590	2.2156	2.4047
Co 228.615	0.4791	0.7242	0.7123
Cr 267.716	0.4964	0.3700	0.3436
Cu 324.754	2.0707	2.2503	2.3460
Fe 271.441	2007.15	1993.06	2004.86
K 766.491	8210.90	8209.65	8274.41
Mg 279.078	1523.83	1520.15	1523.81
Mn 257.610	41.5477	41.3114	41.3771
Mo 202.032	-0.0135u	0.4796	-0.0818u
Na 330.237	2665.83	2187.53	2711.81
Ni 231.604	14.6327	15.1824	14.8582
Pb 220.353	1.3883	1.1467	-1.8418u
Sb 206.834	1.0326	1.0648	-0.7496u
Se 196.026	13.4114	-0.8156u	2.9394
Sn 189.925	-0.6228u	-1.6499u	-2.2769u
Sr 216.596	43.6954	43.2168	43.3111
Ti 334.941	0.7084	0.6413	0.6399
Tl 190.794	0.3688	-0.1525u	-1.7994u
V 292.401	0.4612	0.3435	0.2392
Zn 206.200	15.3099	13.1640	16.3226

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1992	ppb	0.0862	43.3	-11.7652
Al 308.215	109.828	ppb	0.9250	0.8	398.351
As 188.980	0.9204	ppb	0.6270	68.1	-2.2092
B 249.678	11.4464	ppb	0.1066	0.9	157.152
Ba 389.178	22.7160	ppb	0.1279	0.6	320.652
Be 313.042	0.0227	ppb	0.0022	9.9	-47.7323
Ca 370.602	11019	ppb	31.73	0.3	31023
Cd 226.502	2.3264	ppb	0.0987	4.2	92.4097
Co 228.615	0.6385	ppb	0.1382	21.6	-0.3998
Cr 267.716	0.4033	ppb	0.0817	20.3	30.3444
Cu 324.754	2.2223	ppb	0.1397	6.3	451.177
Fe 271.441	2001.69	ppb	7.5625	0.4	2178.43
K 766.491	8231.66	ppb	37.0338	0.4	288799
Mg 279.078	1522.60	ppb	2.1230	0.1	2753.67
Mn 257.610	41.4121	ppb	0.1220	0.3	2377.26
Mo 202.032	0.1281	ppb	0.3063	239.1	3.9996
Na 330.237	2521.72	ppb	290.328	11.5	102.679
Ni 231.604	14.8911	ppb	0.2763	1.9	44.5490
Pb 220.353	0.2310	ppb	1.7992	778.7	1.4729
Sb 206.834	0.4493	ppb	1.0384	231.1	1.8386
Se 196.026	5.1784	ppb	7.3731	142.4	2.2217
Sn 189.925	-1.5165	ppb	0.8351	55.1	-2.4975
Sr 216.596	43.4078	ppb	0.2535	0.6	405.216
Ti 334.941	0.6632	ppb	0.0392	5.9	43.1938
Tl 190.794	-0.5277	ppb	1.1317	214.5	-2.0534
V 292.401	0.3479	ppb	0.1111	31.9	4.0099
Zn 206.200	14.9322	ppb	1.6128	10.8	18.8692

680-86043-a-4-a (Samp) **12/27/2012, 1:05:58 AM** **Rack 2, Tube 23**

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

Label	Replicates Concentration		
Ag 328.068	-0.4360u	-0.3258u	-0.1615u
Al 308.215	91.2774	90.7945	88.5798
As 188.980	-1.1176u	-1.0084u	-1.9666u
B 249.678	9.5300	9.7226	9.8323
Ba 389.178	12.3225	12.5428	12.6864
Be 313.042	0.0110	-0.0025u	-0.0045u
Ca 370.602	5511	5482	5486
Cd 226.502	3.3913	3.3763	3.2683
Co 228.615	0.3571	0.8511	0.8577
Cr 267.716	0.3850	0.3221	0.3539
Cu 324.754	1.7608	1.2775	1.2338
Fe 271.441	1336.41	1335.80	1333.47
K 766.491	4726.70	4725.45	4713.52
Mg 279.078	807.764	812.067	809.798
Mn 257.610	29.6536	30.1182	30.1069
Mo 202.032	0.1415	0.3251	0.4193
Na 330.237	1866.76	1831.63	1772.39
Ni 231.604	13.4179	13.3859	12.3579
Pb 220.353	1.4564	0.4384	0.6329
Sb 206.834	-1.1616u	-1.4717u	0.1322
Se 196.026	-2.5265u	13.4226	10.1745
Sn 189.925	-2.0888u	-0.4791u	-0.3106u
Sr 216.596	21.4936	21.3794	21.9972
Ti 334.941	0.4960	0.4084	0.5605
Tl 190.794	-0.1450u	0.0005u	-1.1809u
V 292.401	0.3913	0.3189	0.5647
Zn 206.200	15.0983	13.8524	14.3262

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3078	ppb	0.1382	44.9	-16.1682
Al 308.215	90.2173	ppb	1.4385	1.6	331.662
As 188.980	-1.3642	ppb	0.5246	38.5	-3.6356
B 249.678	9.6950	ppb	0.1531	1.6	137.808
Ba 389.178	12.5173	ppb	0.1833	1.5	172.961
Be 313.042	0.0014	ppb	0.0084	623.0	-72.6384
Ca 370.602	5493	ppb	15.92	0.3	15383
Cd 226.502	3.3453	ppb	0.0672	2.0	125.046
Co 228.615	0.6886	ppb	0.2871	41.7	0.0336
Cr 267.716	0.3537	ppb	0.0314	8.9	28.4935
Cu 324.754	1.4240	ppb	0.2924	20.5	405.838
Fe 271.441	1335.23	ppb	1.5509	0.1	1448.77
K 766.491	4721.89	ppb	7.2778	0.2	165830
Mg 279.078	809.876	ppb	2.1523	0.3	1469.71
Mn 257.610	29.9595	ppb	0.2650	0.9	1730.19
Mo 202.032	0.2953	ppb	0.1413	47.8	5.0244
Na 330.237	1823.59	ppb	47.6946	2.6	73.8148
Ni 231.604	13.0539	ppb	0.6030	4.6	40.0008
Pb 220.353	0.8425	ppb	0.5404	64.1	2.2478
Sb 206.834	-0.8337	ppb	0.8508	102.0	0.1333
Se 196.026	7.0235	ppb	8.4285	120.0	2.8483
Sn 189.925	-0.9595	ppb	0.9816	102.3	-2.1368
Sr 216.596	21.6234	ppb	0.3287	1.5	202.479
Ti 334.941	0.4883	ppb	0.0763	15.6	26.0970
Tl 190.794	-0.4418	ppb	0.6442	145.8	-1.9643
V 292.401	0.4250	ppb	0.1263	29.7	5.9585
Zn 206.200	14.4256	ppb	0.6289	4.4	18.4176

680-86043-a-5-a (Samp) **12/27/2012, 1:12:26 AM** **Rack 2, Tube 24**

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

Label	Replicates Concentration		
Ag 328.068	-0.3956u	-0.1777u	-0.4255u
Al 308.215	595.571	597.517	601.451
As 188.980	7.5869	9.5763	10.0263
B 249.678	12.5291	11.9459	12.1341
Ba 389.178	36.8472	36.3865	36.3607
Be 313.042	0.0273	0.0205	0.0152
Ca 370.602	24573	24606	24642
Cd 226.502	7.2272	7.2860	7.2206
Co 228.615	8.2904	8.6449	8.7283
Cr 267.716	3.2199	2.8971	3.2111
Cu 324.754	14.8400	14.6731	15.1353
Fe 271.441	651.074	652.540	658.097
K 766.491	20069.3	20102.0	20097.5
Mg 279.078	3839.63	3837.81	3828.93
Mn 257.610	206.666	207.045	205.468
Mo 202.032	0.8548	0.8983	0.5872
Na 330.237	9324.22	9179.91	9235.96
Ni 231.604	107.888	107.951	107.938
Pb 220.353	0.4534	2.8430	2.1175
Sb 206.834	1.6108	1.8997	0.7676
Se 196.026	5.6735	10.8505	5.2019
Sn 189.925	-2.5288u	-0.0226u	-1.2009u
Sr 216.596	91.2541	90.6988	90.8021
Ti 334.941	3.2151	3.1516	3.1413
Tl 190.794	-6.0658u	-0.0401	-2.8170u
V 292.401	1.1658	1.3537	1.1569
Zn 206.200	41.8137	41.1904	41.1043

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3329	ppb	0.1352	40.6	-17.6580
Al 308.215	598.179	ppb	2.9955	0.5	2059.27
As 188.980	9.0632	ppb	1.2981	14.3	2.8743
B 249.678	12.2030	ppb	0.2977	2.4	166.416
Ba 389.178	36.5315	ppb	0.2737	0.7	520.879
Be 313.042	0.0210	ppb	0.0060	28.8	-47.2803
Ca 370.602	24607	ppb	34.26	0.1	70400
Cd 226.502	7.2446	ppb	0.0360	0.5	257.792
Co 228.615	8.5545	ppb	0.2325	2.7	73.5089
Cr 267.716	3.1093	ppb	0.1839	5.9	121.772
Cu 324.754	14.8828	ppb	0.2341	1.6	1170.27
Fe 271.441	653.904	ppb	3.7050	0.6	703.843
K 766.491	20089.6	ppb	17.7497	0.1	704255
Mg 279.078	3835.46	ppb	5.7275	0.1	6918.75
Mn 257.610	206.393	ppb	0.8232	0.4	11684.4
Mo 202.032	0.7801	ppb	0.1685	21.6	7.9577
Na 330.237	9246.70	ppb	72.7487	0.8	382.345
Ni 231.604	107.926	ppb	0.0331	0.0	272.775
Pb 220.353	1.8046	ppb	1.2251	67.9	3.4838
Sb 206.834	1.4260	ppb	0.5883	41.3	3.1188
Se 196.026	7.2420	ppb	3.1339	43.3	2.9208
Sn 189.925	-1.2508	ppb	1.2538	100.2	-2.3177
Sr 216.596	90.9184	ppb	0.2953	0.3	839.103
Ti 334.941	3.1693	ppb	0.0400	1.3	287.723
Tl 190.794	-2.9743	ppb	3.0160	101.4	-3.1745
V 292.401	1.2255	ppb	0.1112	9.1	19.1960
Zn 206.200	41.3694	ppb	0.3871	0.9	41.7692

680-86043-a-6-a (Samp) **12/27/2012, 1:31:46 AM** **Rack 2, Tube 27**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.1983u	-0.3899u	-0.5091u
Al 308.215	606.578	597.629	599.120
As 188.980	1.4605	0.3036	-0.9323u
B 249.678	14.7535	15.0269	14.7731
Ba 389.178	14.1359	14.3632	14.4043
Be 313.042	-0.0103u	-0.0121u	-0.0093u
Ca 370.602	4136	4103	4119
Cd 226.502	13.3856	13.4205	13.8183
Co 228.615	1.1853	1.2331	1.5313
Cr 267.716	1.4812	1.4261	1.2434
Cu 324.754	2.2892	1.9660	1.8915
Fe 271.441	732.477	724.505	726.596
K 766.491	4741.72	4730.68	4707.30
Mg 279.078	621.207	624.724	620.358
Mn 257.610	18.4029	18.6572	18.5868
Mo 202.032	0.2616	0.3089	0.0585
Na 330.237	2391.47	2343.55	2325.89
Ni 231.604	34.5450	32.9980	34.0331
Pb 220.353	0.4149	2.3865	0.6436
Sb 206.834	2.4297	1.6036	2.2995
Se 196.026	5.0310	4.3376	2.6351
Sn 189.925	0.1210	-4.8414u	-0.4468u
Sr 216.596	16.0667	16.1452	16.4396
Ti 334.941	3.8558	3.8945	3.9584
Tl 190.794	-1.0797u	5.9034	3.2455
V 292.401	2.0996	2.2891	2.0627
Zn 206.200	43.9553	44.0591	44.0482

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3658	ppb	0.1568	42.9	-18.5202
Al 308.215	601.109	ppb	4.7946	0.8	2069.27
As 188.980	0.2772	ppb	1.1966	431.6	-2.6108
B 249.678	14.8511	ppb	0.1525	1.0	196.125
Ba 389.178	14.3011	ppb	0.1445	1.0	198.674
Be 313.042	-0.0106	ppb	0.0014	13.6	-86.0844
Ca 370.602	4119	ppb	16.06	0.4	11628
Cd 226.502	13.5415	ppb	0.2404	1.8	470.969
Co 228.615	1.3166	ppb	0.1875	14.2	5.9407
Cr 267.716	1.3836	ppb	0.1245	9.0	63.2009
Cu 324.754	2.0489	ppb	0.2114	10.3	441.359
Fe 271.441	727.859	ppb	4.1334	0.6	783.950
K 766.491	4726.57	ppb	17.5766	0.4	165994
Mg 279.078	622.096	ppb	2.3150	0.4	1131.41
Mn 257.610	18.5490	ppb	0.1313	0.7	1086.10
Mo 202.032	0.2097	ppb	0.1330	63.5	4.5490
Na 330.237	2353.63	ppb	33.9313	1.4	95.8201
Ni 231.604	33.8587	ppb	0.7881	2.3	91.0078
Pb 220.353	1.1483	ppb	1.0784	93.9	2.6101
Sb 206.834	2.1110	ppb	0.4442	21.0	4.0185
Se 196.026	4.0012	ppb	1.2328	30.8	1.8174
Sn 189.925	-1.7224	ppb	2.7160	157.7	-2.6341
Sr 216.596	16.2171	ppb	0.1966	1.2	150.556
Ti 334.941	3.9029	ppb	0.0518	1.3	359.435
Tl 190.794	2.6897	ppb	3.5246	131.0	-0.2246
V 292.401	2.1505	ppb	0.1215	5.6	40.3434
Zn 206.200	44.0209	ppb	0.0570	0.1	44.0165

mb 680-260944/1-a (Samp) **12/27/2012, 1:38:13 AM** **Rack 2, Tube 28**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.2811u	-0.2697u	-0.4395u
Al 308.215	-0.8279u	-1.3251u	-0.8361u
As 188.980	-2.2048u	-0.5041u	1.7950
B 249.678	1.5275	1.4414	1.2322
Ba 389.178	-0.9489u	0.0548	-0.2693u
Be 313.042	-0.0203u	-0.0213u	-0.0214u
Ca 370.602	-9.675u	-11.13u	-12.27u
Cd 226.502	-0.1564u	-0.1342u	-0.1428u
Co 228.615	0.0328	0.1946	0.0139
Cr 267.716	-0.0110u	-0.1874u	-0.1375u
Cu 324.754	-1.0404u	-1.1259u	-1.1398u
Fe 271.441	-7.0911u	1.5356	-4.1889u
K 766.491	-4.8295u	-4.7302u	-4.9137u
Mg 279.078	-2.6276u	-1.9631u	-2.1331u
Mn 257.610	-0.3716u	-0.3181u	-0.3572u
Mo 202.032	-0.5025u	-0.1433u	-0.3173u
Na 330.237	21.4729	91.8899	-37.4419u
Ni 231.604	-0.0678u	-0.9883u	0.1249
Pb 220.353	-0.3077u	0.7036	-1.3027u
Sb 206.834	-1.8389u	-0.6624u	0.7115
Se 196.026	5.2563	3.8789	4.1315
Sn 189.925	-0.2759u	0.0063	-0.3311u
Sr 216.596	0.5112	-0.0491u	0.0522
Ti 334.941	-0.0228u	-0.0753u	-0.1437u
Tl 190.794	0.8037	-0.1688u	2.3075
V 292.401	0.3328	0.0776	0.0816
Zn 206.200	-0.8144u	-1.5604u	-0.6231u

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3301	ppb	0.0949	28.8	-16.7404
Al 308.215	-0.9963	ppb	0.2847	28.6	21.4235
As 188.980	-0.3046	ppb	2.0073	658.9	-2.9739
B 249.678	1.4004	ppb	0.1519	10.8	45.2375
Ba 389.178	-0.3878	ppb	0.5122	132.1	-14.0929
Be 313.042	-0.0210	ppb	0.0006	2.9	-98.5904
Ca 370.602	-11.02	ppb	1.300	11.8	7.172
Cd 226.502	-0.1445	ppb	0.0112	7.7	2.3854
Co 228.615	0.0804	ppb	0.0993	123.5	-5.6920
Cr 267.716	-0.1120	ppb	0.0910	81.2	12.4007
Cu 324.754	-1.1020	ppb	0.0538	4.9	262.351
Fe 271.441	-3.2482	ppb	4.3896	135.1	-16.5614
K 766.491	-4.8245	ppb	0.0918	1.9	224.114
Mg 279.078	-2.2413	ppb	0.3452	15.4	6.7997
Mn 257.610	-0.3490	ppb	0.0277	7.9	19.1582
Mo 202.032	-0.3210	ppb	0.1796	56.0	1.3983
Na 330.237	25.3070	ppb	64.7511	255.9	-0.5796
Ni 231.604	-0.3104	ppb	0.5949	191.7	7.1561
Pb 220.353	-0.3023	ppb	1.0032	331.9	0.7351
Sb 206.834	-0.5966	ppb	1.2765	214.0	0.4272
Se 196.026	4.4222	ppb	0.7332	16.6	1.9588
Sn 189.925	-0.2003	ppb	0.1810	90.4	-1.6445
Sr 216.596	0.1714	ppb	0.2985	174.2	2.1823
Ti 334.941	-0.0806	ppb	0.0606	75.2	-29.4713
Tl 190.794	0.9808	ppb	1.2476	127.2	-1.1122
V 292.401	0.1640	ppb	0.1462	89.1	1.0941
Zn 206.200	-0.9993	ppb	0.4953	49.6	5.0561

llcs 680-260944/2-a (Samp) **12/27/2012, 1:44:40 AM** **Rack 2, Tube 29**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	11.0163	11.3323	11.4302
Al 308.215	229.340	227.312	227.618
As 188.980	24.6059	23.3375	22.2356
B 249.678	112.382	114.653	114.168
Ba 389.178	11.5491	11.5470	11.8354
Be 313.042	4.7753	4.8086	4.8089
Ca 370.602	540.0	544.8	540.3
Cd 226.502	5.6292	5.7952	5.7827
Co 228.615	10.9988	11.3122	11.5006
Cr 267.716	11.6162	11.7993	11.7753
Cu 324.754	23.1681	23.7245	23.4045
Fe 271.441	64.2982	60.3387	60.5774
K 766.491	1260.82	1265.79	1267.28
Mg 279.078	573.854	574.734	578.009
Mn 257.610	11.7562	12.0936	11.9187
Mo 202.032	10.3110	10.3136	10.5820
Na 330.237	982.707	1120.79	1038.76
Ni 231.604	46.0874	46.6071	46.3168
Pb 220.353	10.7030	13.0069	12.5507
Sb 206.834	20.0085	22.1766	20.8290
Se 196.026	16.2649	20.3250	22.8553
Sn 189.925	34.6713	33.7398	34.2008
Sr 216.596	11.6583	12.0642	11.8138
Ti 334.941	10.6366	10.9287	10.9780
Tl 190.794	25.7656	28.3560	25.1702
V 292.401	11.6870	11.7956	11.8268
Zn 206.200	22.6974	23.0404	24.0444

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	11.2596	ppb	0.2163	1.9	483.126
Al 308.215	228.090	ppb	1.0934	0.5	801.219
As 188.980	23.3930	ppb	1.1861	5.1	11.8180
B 249.678	113.734	ppb	1.1962	1.1	1308.57
Ba 389.178	11.6438	ppb	0.1659	1.4	160.545
Be 313.042	4.7976	ppb	0.0193	0.4	5296.91
Ca 370.602	541.7	ppb	2.681	0.5	1575
Cd 226.502	5.7357	ppb	0.0924	1.6	202.992
Co 228.615	11.2706	ppb	0.2535	2.2	98.7384
Cr 267.716	11.7303	ppb	0.0995	0.8	413.592
Cu 324.754	23.4324	ppb	0.2792	1.2	1656.07
Fe 271.441	61.7381	ppb	2.2203	3.6	55.5203
K 766.491	1264.63	ppb	3.3824	0.3	44701.0
Mg 279.078	575.532	ppb	2.1897	0.4	1047.58
Mn 257.610	11.9228	ppb	0.1688	1.4	711.974
Mo 202.032	10.4022	ppb	0.1558	1.5	65.4017
Na 330.237	1047.42	ppb	69.4478	6.6	41.7192
Ni 231.604	46.3371	ppb	0.2604	0.6	121.608
Pb 220.353	12.0869	ppb	1.2200	10.1	16.7449
Sb 206.834	21.0047	ppb	1.0947	5.2	28.8511
Se 196.026	19.8151	ppb	3.3247	16.8	7.2011
Sn 189.925	34.2040	ppb	0.4658	1.4	20.7681
Sr 216.596	11.8454	ppb	0.2048	1.7	108.177
Ti 334.941	10.8478	ppb	0.1845	1.7	1037.56
Tl 190.794	26.4306	ppb	1.6938	6.4	12.7060
V 292.401	11.7698	ppb	0.0734	0.6	231.012
Zn 206.200	23.2607	ppb	0.7000	3.0	26.0148

lcs 680-260944/3-a (Samp) **12/27/2012, 1:51:06 AM** **Rack 2, Tube 30**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	19.4916	19.6737	19.7789
Al 308.215	1971.64	1976.95	1980.50
As 188.980	35.3077	40.7674	38.1498
B 249.678	82.3510	84.0561	83.6023
Ba 389.178	40.8871	40.5359	40.4671
Be 313.042	20.9686	21.1152	21.0040
Ca 370.602	2039	2044	2042
Cd 226.502	20.5819	20.5915	20.3482
Co 228.615	20.5725	21.0763	20.2250
Cr 267.716	42.6185	42.9203	42.7653
Cu 324.754	41.8151	41.8362	41.2206
Fe 271.441	2048.91	2044.26	2046.18
K 766.491	2223.12	2232.70	2225.34
Mg 279.078	2078.04	2084.83	2077.77
Mn 257.610	213.979	215.432	213.729
Mo 202.032	37.8236	38.2229	38.6911
Na 330.237	1999.55	1915.59	1866.86
Ni 231.604	39.8381	40.7584	40.5130
Pb 220.353	19.9049	20.9448	20.2412
Sb 206.834	15.8640	13.8041	14.9218
Se 196.026	31.6441	37.9979	39.2208
Sn 189.925	30.4708	30.1905	31.4333
Sr 216.596	41.5695	41.3729	41.9005
Ti 334.941	38.9606	39.4686	39.0305
Tl 190.794	18.5685	19.9937	14.4982
V 292.401	40.5220	40.9628	40.2531
Zn 206.200	44.0756	42.3218	42.1587

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	19.6481	ppb	0.1453	0.7	844.458
Al 308.215	1976.36	ppb	4.4592	0.2	6748.76
As 188.980	38.0750	ppb	2.7306	7.2	20.9768
B 249.678	83.3365	ppb	0.8831	1.1	965.620
Ba 389.178	40.6300	ppb	0.2253	0.6	581.661
Be 313.042	21.0292	ppb	0.0765	0.4	23470.8
Ca 370.602	2042	ppb	2.826	0.1	5276
Cd 226.502	20.5072	ppb	0.1378	0.7	711.650
Co 228.615	20.6246	ppb	0.4280	2.1	186.039
Cr 267.716	42.7680	ppb	0.1509	0.4	1465.51
Cu 324.754	41.6240	ppb	0.3495	0.8	2690.00
Fe 271.441	2046.45	ppb	2.3364	0.1	2229.19
K 766.491	2227.05	ppb	5.0145	0.2	78420.5
Mg 279.078	2080.22	ppb	4.0030	0.2	3756.43
Mn 257.610	214.380	ppb	0.9195	0.4	12133.7
Mo 202.032	38.2459	ppb	0.4342	1.1	231.544
Na 330.237	1927.33	ppb	67.1178	3.5	77.6312
Ni 231.604	40.3698	ppb	0.4766	1.2	107.072
Pb 220.353	20.3636	ppb	0.5306	2.6	27.4248
Sb 206.834	14.8633	ppb	1.0312	6.9	20.6606
Se 196.026	36.2876	ppb	4.0676	11.2	12.8162
Sn 189.925	30.6982	ppb	0.6519	2.1	18.4850
Sr 216.596	41.6143	ppb	0.2666	0.6	386.714
Ti 334.941	39.1532	ppb	0.2754	0.7	3801.41
Tl 190.794	17.6868	ppb	2.8519	16.1	7.9642
V 292.401	40.5793	ppb	0.3583	0.9	801.992
Zn 206.200	42.8520	ppb	1.0627	2.5	42.8863

640-41647-a-1-a (Samp) **12/27/2012, 1:57:33 AM** **Rack 2, Tube 31**

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

Label	Replicates Concentration		
Ag 328.068	-1.1631u	-1.1875u	-1.1175u
Al 308.215	645138	641222	646563
As 188.980	11.9180	12.1596	7.6520
B 249.678	65.8585	66.4899	66.1437
Ba 389.178	12.7545	12.5476	13.9507
Be 313.042	2.4336	2.4259	2.4206
Ca 370.602	506925	507052	509254
Cd 226.502	-2.3720	-2.1612	-2.5070
Co 228.615	12.8824	12.0430	12.0353
Cr 267.716	101.231	101.895	101.802
Cu 324.754	-0.6777u	-0.6606u	-0.4291u
Fe 271.441	14482.2	14475.6	14514.9
K 766.491	3709.59	3709.17	3716.91
Mg 279.078	38750.0	38849.9	38835.7
Mn 257.610	229.619	231.666	229.501
Mo 202.032	-0.9567	-0.8019	-0.6264
Na 330.237	19117.5	19497.8	19154.9
Ni 231.604	80.9824	81.8351	80.9141
Pb 220.353	8.4254u	10.3065u	10.5841u
Sb 206.834	0.4091	-7.0978	-2.2357
Se 196.026	10.3410	-1.3450u	4.2578
Sn 189.925	-9.1881u	-2.9113u	-5.0723u
Sr 216.596	782.589	787.292	785.938
Ti 334.941	1.3417	1.3316	1.3468
Tl 190.794	2.2216	0.9399u	2.2541
V 292.401	2.5203u	2.6520u	2.2797u
Zn 206.200	94.6709	96.1639	91.7802

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-1.1560	ppb	0.0355	3.1	-59.4067
Al 308.215	644308	ppb	2765.51	0.4	2191306
As 188.980	10.5765	ppb	2.5356	24.0	3.8188
B 249.678	66.1640	ppb	0.3162	0.5	765.737
Ba 389.178	13.0843	ppb	0.7575	5.8	159.399
Be 313.042	2.4267	ppb	0.0065	0.3	2789.50
Ca 370.602	507743	ppb	1310	0.3	1451439
Cd 226.502	-2.3467	ppb	0.1743	7.4	89.5396
Co 228.615	12.3202	ppb	0.4869	4.0	109.102
Cr 267.716	101.642	ppb	0.3598	0.4	3468.16
Cu 324.754	-0.5891	ppb	0.1388	23.6	291.549
Fe 271.441	14490.9	ppb	21.0194	0.1	15859.7
K 766.491	3711.89	ppb	4.3507	0.1	130443
Mg 279.078	38811.9	ppb	54.0432	0.1	69860.6
Mn 257.610	230.262	ppb	1.2173	0.5	13077.0
Mo 202.032	-0.7950	ppb	0.1653	20.8	13.1153
Na 330.237	19256.7	ppb	209.585	1.1	794.138
Ni 231.604	81.2439	ppb	0.5131	0.6	209.017
Pb 220.353	9.7720	ppb	1.1744	12.0	-6.3886
Sb 206.834	-2.9748	ppb	3.8076	128.0	8.0782
Se 196.026	4.4179	ppb	5.8446	132.3	1.9962
Sn 189.925	-5.7239	ppb	3.1887	55.7	-5.0570
Sr 216.596	785.273	ppb	2.4213	0.3	7311.70
Ti 334.941	1.3400	ppb	0.0078	0.6	122.724
Tl 190.794	1.8052	ppb	0.7496	41.5	-1.5794
V 292.401	2.4840	ppb	0.1888	7.6	-11.7840
Zn 206.200	94.2050	ppb	2.2287	2.4	87.7492

640-41647-a-1-aSD^5 (Samp) **12/27/2012, 2:04:00 AM** **Rack 2, Tube 32**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.5579u	-0.7698u	-0.6340u
Al 308.215	126816	127031	126749
As 188.980	-1.5536u	5.0346	-3.8821u
B 249.678	13.7812	13.7953	13.9709
Ba 389.178	0.4115	0.4601	-0.3592u
Be 313.042	0.4752	0.4811	0.4795
Ca 370.602	101366	101380	101351
Cd 226.502	-0.5219	-0.6169	-0.6739
Co 228.615	2.3855	2.9023	2.5509
Cr 267.716	20.5902	20.5763	20.2903
Cu 324.754	-0.8516u	-0.8141u	-0.8965u
Fe 271.441	3005.75	3001.55	2999.46
K 766.491	556.940	558.603	557.798
Mg 279.078	7895.16	7894.11	7890.34
Mn 257.610	45.9177	45.6310	45.6252
Mo 202.032	0.0038	-0.2325	-0.5585u
Na 330.237	3274.35	3315.89	3192.29
Ni 231.604	15.9975	16.9244	16.1780
Pb 220.353	1.0407u	2.6584u	3.8053
Sb 206.834	-0.1337	1.5083	0.2581
Se 196.026	5.3095	5.0758	3.8860
Sn 189.925	-1.3959u	1.2414	-2.5528u
Sr 216.596	160.136	159.492	159.238
Ti 334.941	0.3385	0.3979	0.3657
Tl 190.794	-5.5685u	-3.2067u	-1.5803u
V 292.401	0.1267u	0.0479u	0.6184
Zn 206.200	18.9157	17.2773	17.8641

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.6539	ppb	0.1073	16.4	-32.1512
Al 308.215	126865	ppb	147.151	0.1	431491
As 188.980	-0.1337	ppb	4.6248	3459.2	-2.8674
B 249.678	13.8491	ppb	0.1057	0.8	183.617
Ba 389.178	0.1708	ppb	0.4596	269.1	-10.1045
Be 313.042	0.4786	ppb	0.0030	0.6	490.058
Ca 370.602	101366	ppb	14.31	0.0	289766
Cd 226.502	-0.6042	ppb	0.0768	12.7	18.9747
Co 228.615	2.6129	ppb	0.2639	10.1	18.0547
Cr 267.716	20.4856	ppb	0.1693	0.8	711.908
Cu 324.754	-0.8541	ppb	0.0412	4.8	276.459
Fe 271.441	3002.25	ppb	3.1986	0.1	3275.46
K 766.491	557.780	ppb	0.8318	0.1	19935.6
Mg 279.078	7893.21	ppb	2.5329	0.0	14216.8
Mn 257.610	45.7246	ppb	0.1672	0.4	2628.19
Mo 202.032	-0.2624	ppb	0.2824	107.6	4.5855
Na 330.237	3260.84	ppb	62.8989	1.9	132.944
Ni 231.604	16.3666	ppb	0.4914	3.0	48.4330
Pb 220.353	2.5015	ppb	1.3890	55.5	0.4259
Sb 206.834	0.5442	ppb	0.8576	157.6	4.0426
Se 196.026	4.7571	ppb	0.7634	16.0	2.0809
Sn 189.925	-0.9024	ppb	1.9447	215.5	-2.0651
Sr 216.596	159.622	ppb	0.4630	0.3	1486.66
Ti 334.941	0.3674	ppb	0.0297	8.1	16.9406
Tl 190.794	-3.4518	ppb	2.0053	58.1	-3.7046
V 292.401	0.2643	ppb	0.3092	117.0	-8.6708
Zn 206.200	18.0190	ppb	0.8301	4.6	21.5770

640-41647-a-1-a PDS (Samp) **12/27/2012, 2:10:27 AM** **Rack 2, Tube 33**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	19.5712	20.8150	20.6233
Al 308.215	634038	630011	637167
As 188.980	2233.73	2141.28	2239.87
B 249.678	1102.46	1091.29	1094.73
Ba 389.178	1249.34	1250.48	1273.36
Be 313.042	52.8015	52.2901	52.4567
Ca 370.602	500271	499708	500075
Cd 226.502	45.7050	44.8799	45.1626
Co 228.615	489.906	487.064	487.504
Cr 267.716	299.559	297.224	298.339
Cu 324.754	270.747	269.784	273.471
Fe 271.441	15142.5	15046.4	15169.4
K 766.491	11487.0	11325.1	11316.7
Mg 279.078	42944.1	42745.8	42917.9
Mn 257.610	739.460	735.046	733.375
Mo 202.032	462.699	460.049	461.193
Na 330.237	25034.1	24962.3	24917.6
Ni 231.604	552.958	546.168	555.611
Pb 220.353	325.080	325.281	333.480
Sb 206.834	489.496	486.460	490.052
Se 196.026	2372.19	2350.05	2321.62
Sn 189.925	842.148	842.651	850.547
Sr 216.596	1229.39	1224.38	1228.57
Ti 334.941	950.365	942.868	941.443
Tl 190.794	1761.35	1729.41	1774.34
V 292.401	485.625	481.633	482.045
Zn 206.200	583.721	575.324	581.620

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	20.3365	ppb	0.6696	3.3	865.022
Al 308.215	633738	ppb	3587.62	0.6	2155388
As 188.980	2204.96	ppb	55.2316	2.5	1373.69
B 249.678	1096.16	ppb	5.7221	0.5	12349.2
Ba 389.178	1257.73	ppb	13.5481	1.1	18177.7
Be 313.042	52.5161	ppb	0.2608	0.5	58893.5
Ca 370.602	500018	ppb	285.7	0.1	1429163
Cd 226.502	45.2492	ppb	0.4193	0.9	1710.94
Co 228.615	488.158	ppb	1.5298	0.3	4558.96
Cr 267.716	298.374	ppb	1.1678	0.4	10131.5
Cu 324.754	271.334	ppb	1.9120	0.7	15754.0
Fe 271.441	15119.4	ppb	64.6472	0.4	16586.7
K 766.491	11376.3	ppb	96.0046	0.8	398975
Mg 279.078	42869.3	ppb	107.731	0.3	77167.2
Mn 257.610	735.961	ppb	3.1435	0.4	41604.4
Mo 202.032	461.314	ppb	1.3295	0.3	2770.88
Na 330.237	24971.3	ppb	58.7819	0.2	1025.12
Ni 231.604	551.579	ppb	4.8701	0.9	1363.87
Pb 220.353	327.947	ppb	4.7925	1.5	404.754
Sb 206.834	488.669	ppb	1.9335	0.4	651.902
Se 196.026	2347.95	ppb	25.3533	1.1	800.100
Sn 189.925	845.116	ppb	4.7108	0.6	549.209
Sr 216.596	1227.45	ppb	2.6898	0.2	11375.1
Ti 334.941	944.892	ppb	4.7932	0.5	92238.5
Tl 190.794	1755.03	ppb	23.1228	1.3	950.003
V 292.401	483.101	ppb	2.1959	0.5	9523.04
Zn 206.200	580.222	ppb	4.3697	0.8	507.647

640-41647-a-1-b ms (Samp) **12/27/2012, 2:16:54 AM** **Rack 2, Tube 34**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	12.3979	12.9595	12.5726
Al 308.215	646170	647942	644115
As 188.980	42.9592	55.7675	53.6386
B 249.678	151.401	151.098	149.658
Ba 389.178	52.4010	50.2359	51.5164
Be 313.042	22.4409	22.4654	22.4675
Ca 370.602	504130	505997	501470
Cd 226.502	16.2516	16.7066	16.6376
Co 228.615	31.1093	30.9701	30.2129
Cr 267.716	140.006	140.177	140.349
Cu 324.754	44.4998	44.6454	44.9470
Fe 271.441	16238.7	16239.6	16226.4
K 766.491	6753.44	6765.83	6770.22
Mg 279.078	40275.8	40319.1	40333.6
Mn 257.610	429.076	428.173	430.783
Mo 202.032	36.0337	37.0778	34.9109
Na 330.237	21651.1	21331.7	21560.0
Ni 231.604	115.302	115.724	116.202
Pb 220.353	28.3729	31.3294	26.8775
Sb 206.834	19.7819	16.3274	16.6113
Se 196.026	11.9435	22.5079	19.5601
Sn 189.925	31.5231	28.0634	25.4394
Sr 216.596	813.883	813.824	813.552
Ti 334.941	39.2659	39.3150	39.5660
Tl 190.794	8.5669	13.1787	18.2390
V 292.401	40.9353	41.5049	41.0879
Zn 206.200	131.459	132.416	128.339

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	12.6433	ppb	0.2874	2.3	535.401
Al 308.215	646076	ppb	1915.20	0.3	2197322
As 188.980	50.7885	ppb	6.8634	13.5	28.9141
B 249.678	150.719	ppb	0.9312	0.6	1715.74
Ba 389.178	51.3845	ppb	1.0886	2.1	716.172
Be 313.042	22.4579	ppb	0.0148	0.1	25215.9
Ca 370.602	503866	ppb	2275	0.5	1439800
Cd 226.502	16.5319	ppb	0.2452	1.5	736.110
Co 228.615	30.7641	ppb	0.4824	1.6	281.237
Cr 267.716	140.178	ppb	0.1714	0.1	4773.96
Cu 324.754	44.6974	ppb	0.2281	0.5	2864.57
Fe 271.441	16234.9	ppb	7.3363	0.0	17770.5
K 766.491	6763.16	ppb	8.7036	0.1	237348
Mg 279.078	40309.5	ppb	30.0769	0.1	72557.5
Mn 257.610	429.344	ppb	1.3255	0.3	24308.2
Mo 202.032	36.0075	ppb	1.0837	3.0	232.587
Na 330.237	21514.3	ppb	164.533	0.8	887.257
Ni 231.604	115.743	ppb	0.4506	0.4	293.741
Pb 220.353	28.8599	ppb	2.2655	7.9	18.4646
Sb 206.834	17.5736	ppb	1.9177	10.9	34.9151
Se 196.026	18.0039	ppb	5.4515	30.3	6.6276
Sn 189.925	28.3420	ppb	3.0514	10.8	17.1332
Sr 216.596	813.753	ppb	0.1762	0.0	7575.69
Ti 334.941	39.3823	ppb	0.1610	0.4	3837.07
Tl 190.794	13.3282	ppb	4.8378	36.3	4.6987
V 292.401	41.1760	ppb	0.2949	0.7	755.911
Zn 206.200	130.738	ppb	2.1320	1.6	119.253

640-41647-a-1-c msd (Samp) **12/27/2012, 2:23:21 AM** **Rack 2, Tube 35**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	13.6039	13.2219	13.4190
Al 308.215	639281	639811	641652
As 188.980	61.0784	55.6298	54.9621
B 249.678	150.892	151.593	151.361
Ba 389.178	51.8828	52.6771	51.4142
Be 313.042	23.1944	23.1107	23.1384
Ca 370.602	503265	500887	503063
Cd 226.502	17.2248	17.0239	17.1678
Co 228.615	30.4316	31.4025	30.7677
Cr 267.716	141.982	141.970	141.630
Cu 324.754	44.4092	44.5279	44.4826
Fe 271.441	16281.8	16264.4	16298.2
K 766.491	6818.38	6799.21	6814.65
Mg 279.078	40486.8	40443.4	40509.0
Mn 257.610	444.520	442.839	441.978
Mo 202.032	37.4219	36.8717	37.3487
Na 330.237	21329.6	21693.0	21381.9
Ni 231.604	120.292	119.069	118.777
Pb 220.353	25.3133	28.1296	28.4063
Sb 206.834	14.0189	8.0168	13.4630
Se 196.026	35.4887	24.9277	32.1410
Sn 189.925	27.6602	28.0158	28.4800
Sr 216.596	819.710	816.486	817.312
Ti 334.941	41.0583	40.8786	40.9135
Tl 190.794	17.2269	20.7628	2.7709
V 292.401	42.1769	42.2893	42.3252
Zn 206.200	129.992	127.795	131.688

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	13.4149	ppb	0.1910	1.4	568.621
Al 308.215	640248	ppb	1244.49	0.2	2177501
As 188.980	57.2234	ppb	3.3551	5.9	32.9310
B 249.678	151.282	ppb	0.3572	0.2	1722.04
Ba 389.178	51.9914	ppb	0.6384	1.2	724.959
Be 313.042	23.1479	ppb	0.0426	0.2	25988.6
Ca 370.602	502405	ppb	1319	0.3	1435590
Cd 226.502	17.1388	ppb	0.1035	0.6	757.165
Co 228.615	30.8673	ppb	0.4931	1.6	282.183
Cr 267.716	141.861	ppb	0.1996	0.1	4831.00
Cu 324.754	44.4732	ppb	0.0599	0.1	2851.89
Fe 271.441	16281.4	ppb	16.9087	0.1	17821.5
K 766.491	6810.75	ppb	10.1617	0.1	239016
Mg 279.078	40479.7	ppb	33.3273	0.1	72864.1
Mn 257.610	443.112	ppb	1.2929	0.3	25085.0
Mo 202.032	37.2141	ppb	0.2988	0.8	239.805
Na 330.237	21468.2	ppb	196.444	0.9	885.321
Ni 231.604	119.379	ppb	0.8036	0.7	302.668
Pb 220.353	27.2831	ppb	1.7115	6.3	16.3963
Sb 206.834	11.8329	ppb	3.3165	28.0	27.3493
Se 196.026	30.8525	ppb	5.3971	17.5	11.0035
Sn 189.925	28.0520	ppb	0.4111	1.5	16.9447
Sr 216.596	817.836	ppb	1.6746	0.2	7613.45
Ti 334.941	40.9501	ppb	0.0953	0.2	3990.17
Tl 190.794	13.5869	ppb	9.5323	70.2	4.8390
V 292.401	42.2638	ppb	0.0774	0.2	777.272
Zn 206.200	129.825	ppb	1.9518	1.5	118.460

640-41647-a-2-a (Samp) **12/27/2012, 2:29:49 AM** **Rack 2, Tube 36**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-1.2325u	-0.6206u	-1.1709u
Al 308.215	357982	359892	358671
As 188.980	4.2681	9.3397	7.0833
B 249.678	48.8760	49.3651	49.7472
Ba 389.178	10.5912	11.0722	11.0892
Be 313.042	3.0851	3.0962	3.0880
Ca 370.602	192847	193345	193095
Cd 226.502	-1.1268	-1.1816	-1.0816
Co 228.615	2.7557	2.9916	2.8632
Cr 267.716	44.8972	44.6864	44.5660
Cu 324.754	1.8038	1.8762	1.7829
Fe 271.441	17170.8	17165.6	17153.0
K 766.491	1734.44	1738.81	1740.26
Mg 279.078	16298.3	16271.5	16289.6
Mn 257.610	108.904	108.315	109.187
Mo 202.032	-0.9598	-0.2165	-0.2013
Na 330.237	12872.8	12914.7	12878.4
Ni 231.604	38.4425	38.8281	39.8967
Pb 220.353	5.0554u	5.4804u	6.2360u
Sb 206.834	-2.1540	-0.6014	1.4114
Se 196.026	4.3286	7.5515	2.8976
Sn 189.925	-0.4736u	-1.8338u	-1.2926u
Sr 216.596	685.553	684.519	685.084
Ti 334.941	1.5333	1.4959	1.5073
Tl 190.794	0.1661u	10.8696	-4.1103u
V 292.401	5.3068	5.2336	5.3724
Zn 206.200	52.1393	48.6004	50.8807

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-1.0080	ppb	0.3369	33.4	-53.0344
Al 308.215	358848	ppb	967.291	0.3	1220463
As 188.980	6.8970	ppb	2.5409	36.8	1.5218
B 249.678	49.3295	ppb	0.4367	0.9	574.965
Ba 389.178	10.9175	ppb	0.2827	2.6	144.604
Be 313.042	3.0898	ppb	0.0057	0.2	3446.22
Ca 370.602	193096	ppb	249.0	0.1	548457
Cd 226.502	-1.1300	ppb	0.0501	4.4	74.3808
Co 228.615	2.8702	ppb	0.1181	4.1	20.9825
Cr 267.716	44.7165	ppb	0.1676	0.4	1537.90
Cu 324.754	1.8210	ppb	0.0490	2.7	428.384
Fe 271.441	17163.1	ppb	9.1707	0.1	18778.7
K 766.491	1737.84	ppb	3.0288	0.2	61280.3
Mg 279.078	16286.5	ppb	13.6723	0.1	29312.6
Mn 257.610	108.802	ppb	0.4450	0.4	6202.31
Mo 202.032	-0.4592	ppb	0.4336	94.4	8.2763
Na 330.237	12888.6	ppb	22.7754	0.2	529.933
Ni 231.604	39.0558	ppb	0.7533	1.9	104.856
Pb 220.353	5.5906	ppb	0.5980	10.7	-2.6316
Sb 206.834	-0.4480	ppb	1.7876	399.0	6.7045
Se 196.026	4.9259	ppb	2.3838	48.4	2.1763
Sn 189.925	-1.2000	ppb	0.6848	57.1	-2.2244
Sr 216.596	685.052	ppb	0.5179	0.1	6371.63
Ti 334.941	1.5122	ppb	0.0191	1.3	133.547
Tl 190.794	2.3085	ppb	7.7163	334.3	-1.5882
V 292.401	5.3043	ppb	0.0694	1.3	83.8774
Zn 206.200	50.5401	ppb	1.7939	3.5	49.8043

640-41647-a-3-a (Samp) **12/27/2012, 2:49:10 AM** **Rack 2, Tube 39**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.2357u	-0.3983u	-0.5305u
Al 308.215	120985	121695	122192
As 188.980	6.6834	3.2283	7.0626
B 249.678	26.3759	26.3233	26.3771
Ba 389.178	25.1896	24.2492	25.6209
Be 313.042	0.7379	0.7385	0.7435
Ca 370.602	184722	185118	185170
Cd 226.502	-0.9366	-0.9099	-0.8085
Co 228.615	1.0959	0.9859	1.2210
Cr 267.716	0.8089	0.7587	0.8990
Cu 324.754	-0.5704u	-0.4484u	-0.7157u
Fe 271.441	3397.06	3399.27	3395.22
K 766.491	433.801	434.640	434.660
Mg 279.078	7514.33	7498.46	7501.88
Mn 257.610	33.4122	33.1977	33.0024
Mo 202.032	-0.0863	-0.3182	-0.2537
Na 330.237	8956.79	9055.52	8869.58
Ni 231.604	9.5163	9.2763	8.9404
Pb 220.353	2.2157u	3.1575	5.0949
Sb 206.834	1.7946	-0.6192	-3.1462u
Se 196.026	12.4621	13.4750	10.4230
Sn 189.925	-0.7479u	2.5454	-2.6658u
Sr 216.596	215.389	214.221	213.657
Ti 334.941	0.3779	0.4528	0.4370
Tl 190.794	2.8060	3.6534	-1.6952u
V 292.401	0.3407u	0.0972u	0.4017u
Zn 206.200	12.2269	13.0272	14.7002

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3882	ppb	0.1477	38.0	-21.2507
Al 308.215	121624	ppb	606.579	0.5	413666
As 188.980	5.6581	ppb	2.1128	37.3	0.7486
B 249.678	26.3587	ppb	0.0307	0.1	324.085
Ba 389.178	25.0199	ppb	0.7014	2.8	339.354
Be 313.042	0.7400	ppb	0.0031	0.4	801.160
Ca 370.602	185004	ppb	245.2	0.1	529450
Cd 226.502	-0.8850	ppb	0.0676	7.6	16.5810
Co 228.615	1.1010	ppb	0.1176	10.7	3.9572
Cr 267.716	0.8222	ppb	0.0711	8.6	45.8005
Cu 324.754	-0.5782	ppb	0.1338	23.1	292.128
Fe 271.441	3397.18	ppb	2.0291	0.1	3709.14
K 766.491	434.367	ppb	0.4903	0.1	15611.7
Mg 279.078	7504.89	ppb	8.3542	0.1	13517.8
Mn 257.610	33.2041	ppb	0.2050	0.6	1922.06
Mo 202.032	-0.2194	ppb	0.1197	54.5	4.7540
Na 330.237	8960.63	ppb	93.0293	1.0	369.904
Ni 231.604	9.2444	ppb	0.2893	3.1	30.9622
Pb 220.353	3.4894	ppb	1.4680	42.1	1.8099
Sb 206.834	-0.6569	ppb	2.4706	376.1	2.3174
Se 196.026	12.1200	ppb	1.5545	12.8	4.5895
Sn 189.925	-0.2894	ppb	2.6357	910.6	-1.6340
Sr 216.596	214.423	ppb	0.8833	0.4	1999.52
Ti 334.941	0.4226	ppb	0.0395	9.3	21.8038
Tl 190.794	1.5880	ppb	2.8748	181.0	-1.0162
V 292.401	0.2799	ppb	0.1611	57.6	-17.4512
Zn 206.200	13.3181	ppb	1.2621	9.5	-17.5734

640-41647-a-4-a (Samp) **12/27/2012, 2:55:37 AM** **Rack 2, Tube 40**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-1.2932u	-1.2660u	-1.2663u
Al 308.215	209628	210132	207390
As 188.980	11.1809	8.5635	15.1620
B 249.678	46.6811	47.0849	47.9530
Ba 389.178	8.3590	8.5439	8.1399
Be 313.042	2.5072	2.5096	2.5083
Ca 370.602	241951	242389	240795
Cd 226.502	-1.0571	-1.1722	-1.0425
Co 228.615	7.8351	7.9009	7.6798
Cr 267.716	17.6136	17.6251	17.5855
Cu 324.754	-0.8091u	-0.6253u	-0.8982u
Fe 271.441	8813.44	8814.47	8790.83
K 766.491	1906.43	1910.15	1911.99
Mg 279.078	29587.1	29566.1	29676.0
Mn 257.610	105.132	104.649	106.577
Mo 202.032	-0.7972u	-0.6232	-0.7664
Na 330.237	11623.3	11601.2	11768.5
Ni 231.604	42.6249	42.8285	43.4888
Pb 220.353	2.6434u	2.3221u	6.6542
Sb 206.834	2.0523	-3.7664u	-0.6293
Se 196.026	8.5678	-6.2932u	6.5734
Sn 189.925	-5.1642u	-0.8888u	0.2973
Sr 216.596	513.943	514.081	515.268
Ti 334.941	0.6603	0.6385	0.6037
Tl 190.794	-4.4867u	2.1586	-4.5357u
V 292.401	3.6821	3.5098	3.3297
Zn 206.200	69.7580	69.7671	69.6351

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-1.2752	ppb	0.0156	1.2	-62.5558
Al 308.215	209050	ppb	1459.46	0.7	711000
As 188.980	11.6355	ppb	3.3227	28.6	4.4803
B 249.678	47.2397	ppb	0.6499	1.4	555.988
Ba 389.178	8.3476	ppb	0.2022	2.4	112.385
Be 313.042	2.5084	ppb	0.0012	0.0	2797.91
Ca 370.602	241711	ppb	823.2	0.3	690395
Cd 226.502	-1.0906	ppb	0.0710	6.5	39.3071
Co 228.615	7.8053	ppb	0.1135	1.5	66.7592
Cr 267.716	17.6081	ppb	0.0204	0.1	616.430
Cu 324.754	-0.7775	ppb	0.1392	17.9	280.787
Fe 271.441	8806.25	ppb	13.3573	0.2	9631.78
K 766.491	1909.52	ppb	2.8304	0.1	67295.5
Mg 279.078	29609.7	ppb	58.3063	0.2	53331.4
Mn 257.610	105.453	ppb	1.0031	1.0	6023.77
Mo 202.032	-0.7289	ppb	0.0929	12.7	3.5420
Na 330.237	11664.4	ppb	90.8897	0.8	480.075
Ni 231.604	42.9807	ppb	0.4516	1.1	114.566
Pb 220.353	3.8732	ppb	2.4137	62.3	-0.3445
Sb 206.834	-0.7811	ppb	2.9123	372.8	3.6930
Se 196.026	2.9493	ppb	8.0661	273.5	1.4808
Sn 189.925	-1.9186	ppb	2.8727	149.7	-2.6747
Sr 216.596	514.431	ppb	0.7283	0.1	4783.64
Ti 334.941	0.6342	ppb	0.0286	4.5	44.7551
Tl 190.794	-2.2879	ppb	3.8509	168.3	-3.4646
V 292.401	3.5072	ppb	0.1762	5.0	41.3936
Zn 206.200	69.7201	ppb	0.0738	0.1	66.6947

640-41647-a-5-a (Samp) **12/27/2012, 3:02:04 AM** **Rack 2, Tube 41**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-1.0743u	-1.1833u	-1.0257u
Al 308.215	979865x	986876x	990640x
As 188.980	12.2530	3.6200	10.1806
B 249.678	49.5726	48.8752	48.1462
Ba 389.178	11.2805	10.4411	11.7556
Be 313.042	4.0160	4.0197	4.0433
Ca 370.602	451307	449573	451906
Cd 226.502	-1.9222	-1.9695	-1.9283
Co 228.615	12.1988	11.9131	11.5239
Cr 267.716	121.377	121.191	121.066
Cu 324.754	-0.0935u	-0.1809u	-0.4625u
Fe 271.441	34068.1	34162.6	34253.8
K 766.491	1870.44	1879.96	1880.07
Mg 279.078	53125.1	53094.5	53055.9
Mn 257.610	212.439	211.149	210.713
Mo 202.032	-1.1017	-0.5575	-1.0284
Na 330.237	13294.7	13364.8	13089.9
Ni 231.604	65.8395	65.6751	65.8170
Pb 220.353	24.7431	21.8532u	21.2257u
Sb 206.834	-3.0817	4.4240	2.0770
Se 196.026	-19.8288u	4.9078	-5.9819u
Sn 189.925	-4.5077u	-12.1762u	-8.5515u
Sr 216.596	642.902	642.987	642.712
Ti 334.941	1.0030	1.0605	0.9281
Tl 190.794	0.0411u	-3.7819u	-14.0115u
V 292.401	30.0726	29.9698	30.2746
Zn 206.200	86.7063	91.2539	94.9300

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-1.0944b	ppb	0.0807	7.4	-58.1749
Al 308.215	985794xb	ppb	5468.36	0.6	3352695
As 188.980	8.6845b	ppb	4.5067	51.9	2.6374
B 249.678	48.8647b	ppb	0.7133	1.5	560.478
Ba 389.178	11.1591b	ppb	0.6656	6.0	154.126
Be 313.042	4.0264b	ppb	0.0148	0.4	4588.18
Ca 370.602	450929b	ppb	1211	0.3	1282518
Cd 226.502	-1.9400b	ppb	0.0257	1.3	193.716
Co 228.615	11.8786b	ppb	0.3388	2.9	105.682
Cr 267.716	121.211b	ppb	0.1562	0.1	4137.92
Cu 324.754	-0.2456b	ppb	0.1928	78.5	310.852
Fe 271.441	34161.5b	ppb	92.8467	0.3	37391.9
K 766.491	1876.82b	ppb	5.5296	0.3	66149.8
Mg 279.078	53091.9b	ppb	34.6719	0.1	95550.9
Mn 257.610	211.434b	ppb	0.8976	0.4	12040.0
Mo 202.032	-0.8959b	ppb	0.2953	33.0	19.6989
Na 330.237	13249.8b	ppb	142.841	1.1	539.857
Ni 231.604	65.7772b	ppb	0.0891	0.1	172.233
Pb 220.353	22.6073b	ppb	1.8760	8.3	-0.1934
Sb 206.834	1.1398b	ppb	3.8396	336.9	19.2417
Se 196.026	-6.9677b	ppb	12.3977	177.9	-1.8283
Sn 189.925	-8.4118b	ppb	3.8362	45.6	-6.8307
Sr 216.596	642.867b	ppb	0.1409	0.0	6025.56
Ti 334.941	0.9972b	ppb	0.0664	6.7	96.6083
Tl 190.794	-5.9174b	ppb	7.2656	122.8	-7.2145
V 292.401	30.1057b	ppb	0.1551	0.5	549.223
Zn 206.200	90.9634b	ppb	4.1196	4.5	85.1602

640-41647-a-6-a (Samp) **12/27/2012, 3:08:31 AM** **Rack 2, Tube 42**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-1.1788u	-1.1893u	-1.1053u
Al 308.215	498078	497650	493270
As 188.980	6.1696	13.1875	9.5268
B 249.678	44.5956	44.5328	45.1361
Ba 389.178	13.2261	14.4549	14.2219
Be 313.042	2.7335	2.7394	2.7329
Ca 370.602	305769	306272	305814
Cd 226.502	-1.7332	-1.8973	-1.4403
Co 228.615	7.0216	6.7358	6.9755
Cr 267.716	55.5631	56.0112	55.8115
Cu 324.754	-0.1989u	-0.6802u	-0.4858u
Fe 271.441	16632.5	16627.2	16594.6
K 766.491	1877.94	1883.65	1880.87
Mg 279.078	28789.4	28852.2	28883.6
Mn 257.610	137.570	137.817	139.072
Mo 202.032	-1.8376	-0.4270	-0.5862
Na 330.237	13131.7	13195.3	13161.8
Ni 231.604	45.9203	43.5860	45.5589
Pb 220.353	11.1567u	10.1109u	8.0663u
Sb 206.834	-2.8686	-1.9465	-0.7225
Se 196.026	10.4804	9.8902	3.9301
Sn 189.925	-3.0031u	-5.7409u	-1.6534u
Sr 216.596	567.552	566.554	567.028
Ti 334.941	0.7443	0.7400	0.8552
Tl 190.794	1.4231u	3.7565	0.0447u
V 292.401	8.2635	8.4465	8.7174
Zn 206.200	72.0209	68.7117	65.5462

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-1.1578	ppb	0.0458	4.0	-58.4203
Al 308.215	496333	ppb	2660.92	0.5	1688045
As 188.980	9.6280	ppb	3.5100	36.5	3.2268
B 249.678	44.7548	ppb	0.3317	0.7	523.807
Ba 389.178	13.9676	ppb	0.6527	4.7	186.806
Be 313.042	2.7353	ppb	0.0036	0.1	3082.64
Ca 370.602	305952	ppb	278.4	0.1	872206
Cd 226.502	-1.6903	ppb	0.2315	13.7	81.8431
Co 228.615	6.9110	ppb	0.1534	2.2	58.6822
Cr 267.716	55.7953	ppb	0.2245	0.4	1914.11
Cu 324.754	-0.4550	ppb	0.2421	53.2	299.089
Fe 271.441	16618.1	ppb	20.5247	0.1	18184.4
K 766.491	1880.82	ppb	2.8536	0.2	66289.9
Mg 279.078	28841.8	ppb	47.9660	0.2	51916.0
Mn 257.610	138.153	ppb	0.8056	0.6	7871.42
Mo 202.032	-0.9502	ppb	0.7726	81.3	8.6712
Na 330.237	13162.9	ppb	31.8152	0.2	540.854
Ni 231.604	45.0217	ppb	1.2564	2.8	119.892
Pb 220.353	9.7780	ppb	1.5718	16.1	-1.7009
Sb 206.834	-1.8459	ppb	1.0766	58.3	7.1022
Se 196.026	8.1002	ppb	3.6235	44.7	3.2559
Sn 189.925	-3.4658	ppb	2.0826	60.1	-3.6596
Sr 216.596	567.045	ppb	0.4991	0.1	5286.99
Ti 334.941	0.7799	ppb	0.0653	8.4	64.8308
Tl 190.794	1.7414	ppb	1.8763	107.7	-1.8315
V 292.401	8.4758	ppb	0.2284	2.7	133.085
Zn 206.200	68.7596	ppb	3.2376	4.7	65.7352

640-41647-a-7-a (Samp) **12/27/2012, 3:14:58 AM** **Rack 2, Tube 43**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.5181u	-0.5236u	-0.4239u
Al 308.215	15591.2	15718.4	15709.5
As 188.980	0.6076	1.1095	-0.6481u
B 249.678	25.7337	26.3026	26.1629
Ba 389.178	-0.4398u	-0.9202u	-0.9034u
Be 313.042	0.0762	0.0730	0.0784
Ca 370.602	8373	8414	8406
Cd 226.502	-0.2100u	-0.1464u	-0.1984u
Co 228.615	0.2056	0.0125	0.2796
Cr 267.716	0.9811	0.8414	1.1032
Cu 324.754	0.6435	0.6640	0.6902
Fe 271.441	578.460	580.833	578.602
K 766.491	73.0366	72.8437	73.4606
Mg 279.078	842.149	839.854	838.320
Mn 257.610	4.1997	4.1987	4.1853
Mo 202.032	0.0997	0.1459	0.1166
Na 330.237	776.440	844.530	747.787
Ni 231.604	1.2062	0.8087	1.6344
Pb 220.353	-1.8166u	0.7548	1.3853
Sb 206.834	0.4259	0.6637	-0.5494u
Se 196.026	2.9226	5.4302	5.4436
Sn 189.925	-1.7668u	-0.6965u	-0.9616u
Sr 216.596	18.0914	17.9085	17.8810
Ti 334.941	-0.0119u	0.0003	0.0784
Tl 190.794	-1.8766u	-0.6442u	-1.2714u
V 292.401	0.3706	0.3170	0.6338
Zn 206.200	2.9613	2.2843	1.9774

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4885	ppb	0.0561	11.5	-23.7672
Al 308.215	15673.0	ppb	70.9884	0.5	53328.6
As 188.980	0.3563	ppb	0.9053	254.1	-2.5614
B 249.678	26.0664	ppb	0.2964	1.1	322.330
Ba 389.178	-0.7544	ppb	0.2726	36.1	-19.5214
Be 313.042	0.0759	ppb	0.0027	3.6	12.5825
Ca 370.602	8398	ppb	21.54	0.3	23940
Cd 226.502	-0.1849	ppb	0.0338	18.3	5.2213
Co 228.615	0.1659	ppb	0.1379	83.1	-4.8861
Cr 267.716	0.9752	ppb	0.1310	13.4	49.4884
Cu 324.754	0.6659	ppb	0.0234	3.5	362.774
Fe 271.441	579.298	ppb	1.3308	0.2	621.312
K 766.491	73.1136	ppb	0.3156	0.4	2954.77
Mg 279.078	840.108	ppb	1.9271	0.2	1522.60
Mn 257.610	4.1946	ppb	0.0081	0.2	276.647
Mo 202.032	0.1207	ppb	0.0233	19.3	4.3834
Na 330.237	789.586	ppb	49.6935	6.3	31.0324
Ni 231.604	1.2164	ppb	0.4129	33.9	10.9492
Pb 220.353	0.1079	ppb	1.6961	1572.5	0.7747
Sb 206.834	0.1801	ppb	0.6428	356.9	1.7056
Se 196.026	4.5988	ppb	1.4517	31.6	2.0205
Sn 189.925	-1.1416	ppb	0.5574	48.8	-2.2546
Sr 216.596	17.9603	ppb	0.1144	0.6	168.030
Ti 334.941	0.0223	ppb	0.0490	220.0	-19.1239
Tl 190.794	-1.2641	ppb	0.6162	48.8	-2.3690
V 292.401	0.4405	ppb	0.1696	38.5	5.6469
Zn 206.200	2.4077	ppb	0.5034	20.9	8.0155

680-85891-a-1-b (Samp) **12/27/2012, 3:21:25 AM** **Rack 2, Tube 44**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.1940u	-0.2560u	0.0154u
Al 308.215	38.9515	36.7818	34.6081
As 188.980	4.1812	1.8607	3.2021
B 249.678	14.8279	14.6577	14.7163
Ba 389.178	13.2534	13.0508	13.1731
Be 313.042	-0.0337u	-0.0372u	-0.0298u
Ca 370.602	26240	26149	26141
Cd 226.502	0.4276	0.4023	0.3476
Co 228.615	-0.0788u	-0.1327u	-0.0581u
Cr 267.716	-0.0654u	-0.0811u	-0.0142u
Cu 324.754	258.654	257.985	255.736
Fe 271.441	74.6317	75.4170	80.1402
K 766.491	1131.15	1131.20	1133.05
Mg 279.078	8038.17	8029.46	8063.53
Mn 257.610	3.2175	3.2577	3.2785
Mo 202.032	0.6263	0.4867	0.3121
Na 330.237	6670.93	6147.23	6581.35
Ni 231.604	-0.1337u	0.3114	-0.3205u
Pb 220.353	0.6292	1.1470	1.4900
Sb 206.834	0.5350	-2.7850u	-1.1513u
Se 196.026	4.9423	1.8349	-0.4031u
Sn 189.925	0.4916	-0.9176u	-0.2546u
Sr 216.596	99.5799	99.5933	100.723
Ti 334.941	0.3782	0.3726	0.4672
Tl 190.794	5.2374	2.0736	0.9498
V 292.401	0.1877	0.1359u	-0.1386u
Zn 206.200	277.598	279.195	281.095

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1449	ppb	0.1422	98.1	-9.5682
Al 308.215	36.7805	ppb	2.1717	5.9	149.905
As 188.980	3.0813	ppb	1.1650	37.8	-0.8602
B 249.678	14.7340	ppb	0.0865	0.6	195.151
Ba 389.178	13.1591	ppb	0.1020	0.8	186.178
Be 313.042	-0.0336	ppb	0.0037	11.0	-107.414
Ca 370.602	26177	ppb	54.88	0.2	75068
Cd 226.502	0.3925	ppb	0.0409	10.4	22.9995
Co 228.615	-0.0899	ppb	0.0385	42.8	-7.2901
Cr 267.716	-0.0536	ppb	0.0350	65.3	14.4687
Cu 324.754	257.458	ppb	1.5288	0.6	14947.3
Fe 271.441	76.7296	ppb	2.9796	3.9	71.4370
K 766.491	1131.80	ppb	1.0823	0.1	40047.0
Mg 279.078	8043.72	ppb	17.6980	0.2	14502.2
Mn 257.610	3.2513	ppb	0.0310	1.0	231.020
Mo 202.032	0.4750	ppb	0.1574	33.1	6.1478
Na 330.237	6466.50	ppb	280.106	4.3	265.504
Ni 231.604	-0.0476	ppb	0.3246	682.2	8.0411
Pb 220.353	1.0888	ppb	0.4333	39.8	2.5358
Sb 206.834	-1.1338	ppb	1.6600	146.4	-0.2884
Se 196.026	2.1247	ppb	2.6845	126.3	1.1766
Sn 189.925	-0.2269	ppb	0.7050	310.8	-1.6508
Sr 216.596	99.9653	ppb	0.6559	0.7	926.175
Ti 334.941	0.4060	ppb	0.0531	13.1	18.0025
Tl 190.794	2.7536	ppb	2.2232	80.7	-0.1560
V 292.401	0.0617	ppb	0.1753	284.2	-3.9687
Zn 206.200	279.296	ppb	1.7508	0.6	247.713

680-85990-i-1-a (Samp) **12/27/2012, 3:27:53 AM** **Rack 2, Tube 45**

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

Label	Replicates Concentration		
Ag 328.068	-0.2801u	-0.4761u	-0.3348u
Al 308.215	11.4236	12.9889	11.6549
As 188.980	2.2650	0.4200	0.8123
B 249.678	459.153	460.345	461.974
Ba 389.178	8.5940	8.1664	7.8675
Be 313.042	-0.0214u	-0.0328u	-0.0202u
Ca 370.602	12417	12407	12460
Cd 226.502	-0.0257	-0.2191u	-0.2304u
Co 228.615	-0.1127u	0.2659	0.5920
Cr 267.716	0.2416	0.0490	0.0332
Cu 324.754	7.0072	7.0276	7.0356
Fe 271.441	809.979	811.351	817.119
K 766.491	358.608	359.765	360.063
Mg 279.078	523.688	527.997	527.478
Mn 257.610	5.3660	5.3223	5.3543
Mo 202.032	-0.1402u	0.1381	0.1975
Na 330.237	8529.96	8506.63	8489.95
Ni 231.604	0.1422	-0.6030u	0.0405
Pb 220.353	-2.5957u	3.3731	1.4571
Sb 206.834	0.4503	1.4831	-0.5193u
Se 196.026	-1.8308u	-1.6428u	7.6322
Sn 189.925	-3.1373u	-0.6713u	-2.1560u
Sr 216.596	12.2780	12.0372	12.1952
Ti 334.941	-0.0137u	0.1090	0.0458
Tl 190.794	2.0113	0.4039	-1.8140u
V 292.401	0.1682	0.0281u	0.2399
Zn 206.200	173.941	173.920	171.947

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3637	ppb	0.1011	27.8	-18.4285
Al 308.215	12.0225	ppb	0.8449	7.0	65.7027
As 188.980	1.1658	ppb	0.9719	83.4	-2.0560
B 249.678	460.490	ppb	1.4161	0.3	5207.93
Ba 389.178	8.2093	ppb	0.3652	4.4	109.476
Be 313.042	-0.0248	ppb	0.0070	28.1	-99.6268
Ca 370.602	12428	ppb	28.20	0.2	35424
Cd 226.502	-0.1584	ppb	0.1151	72.6	4.8595
Co 228.615	0.2484	ppb	0.3527	142.0	-4.0984
Cr 267.716	0.1079	ppb	0.1161	107.5	20.1393
Cu 324.754	7.0235	ppb	0.0146	0.2	723.849
Fe 271.441	812.816	ppb	3.7883	0.5	876.993
K 766.491	359.479	ppb	0.7683	0.2	12987.9
Mg 279.078	526.388	ppb	2.3525	0.4	959.180
Mn 257.610	5.3475	ppb	0.0227	0.4	341.462
Mo 202.032	0.0652	ppb	0.1803	276.7	3.6704
Na 330.237	8508.85	ppb	20.0976	0.2	351.116
Ni 231.604	-0.1401	ppb	0.4041	288.4	7.6140
Pb 220.353	0.7448	ppb	3.0475	409.1	2.1091
Sb 206.834	0.4714	ppb	1.0014	212.4	1.8463
Se 196.026	1.3862	ppb	5.4100	390.3	0.9270
Sn 189.925	-1.9882	ppb	1.2416	62.4	-2.8026
Sr 216.596	12.1701	ppb	0.1224	1.0	115.219
Ti 334.941	0.0470	ppb	0.0613	130.5	-17.1854
Tl 190.794	0.2004	ppb	1.9207	958.6	-1.5923
V 292.401	0.1454	ppb	0.1077	74.1	-0.5325
Zn 206.200	173.270	ppb	1.1451	0.7	155.851

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CRI (Samp) **12/27/2012, 3:34:20 AM** **Rack 2, Tube 46**

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

Label	Replicates Concentration		
Ag 328.068	10.1176	9.9536	9.9753
Al 308.215	193.825	190.729	189.656
As 188.980	19.4028	19.0745	18.1347
B 249.678	104.211	104.999	104.015
Ba 389.178	9.8203	9.4471	9.8844
Be 313.042	4.2369	4.2396	4.2220
Ca 370.602	481.7	480.4	481.1
Cd 226.502	4.8684	4.8736	4.7792
Co 228.615	9.8882	10.1529	10.1897
Cr 267.716	10.2987	10.4294	10.4669
Cu 324.754	18.6971	18.7931	18.4528
Fe 271.441	55.6176	58.3562	49.9786
K 766.491	1065.08	1067.56	1062.15
Mg 279.078	513.767	517.582	516.066
Mn 257.610	10.2853	10.4052	10.5091
Mo 202.032	9.4491	9.4180	9.7667
Na 330.237	1040.97	916.071	1049.63
Ni 231.604	40.9469	38.6953	39.4489
Pb 220.353	10.3629	8.7678	7.9034
Sb 206.834	19.1007	19.3830	20.7825
Se 196.026	18.1934	25.9888	17.2919
Sn 189.925	47.0411	49.6952	49.5072
Sr 216.596	9.9832	9.7340	9.9148
Ti 334.941	9.8105	9.8753	9.9695
Tl 190.794	22.7676	20.6012	22.1139
V 292.401	10.2715	10.1967	9.9538
Zn 206.200	20.9545	19.9426	20.1016

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	10.0155	ppb	0.0891	0.9	429.472
Al 308.215	191.403	ppb	2.1651	1.1	676.362
As 188.980	18.8707	ppb	0.6581	3.5	8.9949
B 249.678	104.408	ppb	0.5206	0.5	1203.68
Ba 389.178	9.7173	ppb	0.2361	2.4	132.610
Be 313.042	4.2328	ppb	0.0095	0.2	4664.50
Ca 370.602	481.1	ppb	0.6622	0.1	1402
Cd 226.502	4.8404	ppb	0.0531	1.1	172.460
Co 228.615	10.0769	ppb	0.1645	1.6	87.5963
Cr 267.716	10.3983	ppb	0.0883	0.8	368.472
Cu 324.754	18.6477	ppb	0.1754	0.9	1384.30
Fe 271.441	54.6508	ppb	4.2716	7.8	47.6449
K 766.491	1064.93	ppb	2.7107	0.3	37704.1
Mg 279.078	515.805	ppb	1.9208	0.4	939.988
Mn 257.610	10.3999	ppb	0.1120	1.1	626.006
Mo 202.032	9.5446	ppb	0.1930	2.0	60.2830
Na 330.237	1002.22	ppb	74.7343	7.5	39.8613
Ni 231.604	39.6970	ppb	1.1461	2.9	105.315
Pb 220.353	9.0114	ppb	1.2477	13.8	12.7669
Sb 206.834	19.7554	ppb	0.9006	4.6	27.2107
Se 196.026	20.4913	ppb	4.7822	23.3	7.4314
Sn 189.925	48.7478	ppb	1.4811	3.0	30.2424
Sr 216.596	9.8773	ppb	0.1288	1.3	90.2629
Ti 334.941	9.8851	ppb	0.0800	0.8	943.562
Tl 190.794	21.8276	ppb	1.1112	5.1	10.2076
V 292.401	10.1407	ppb	0.1661	1.6	198.683
Zn 206.200	20.3329	ppb	0.5441	2.7	23.4852

Blank (Blk) **12/22/2012, 11:54:44 AM** **Rack S, Tube 1**

Label	Replicates Concentration		
Ag 328.068	0.2031	-0.1910	-0.0121
Al 308.215	-0.4766	0.4599	0.0167
As 188.980	-0.5677	-0.1687	0.7364
B 249.678	0.0623	0.0872	-0.1495
Ba 389.178	0.1683	-0.0714	-0.0968
Be 313.042	-0.0014	0.0016	-0.0002
Ca 370.602	2.069	-0.8631	-1.206
Cd 226.502	-0.0001	-0.0764	0.0765
Co 228.615	0.0805	0.1173	-0.1979
Cr 267.716	-0.0337	0.0121	0.0216
Cu 324.754	0.1678	-0.0795	-0.0883
Fe 271.441	-0.4806	-0.0018	0.4824
K 766.491	0.1886	-0.1968	0.0082
Mg 279.078	-1.8978	1.2489	0.6488
Mn 257.610	-0.0589	0.0394	0.0195
Mo 202.032	-0.1923	0.0256	0.1667
Na 330.237	12.7668	-4.5120	-8.2549
Ni 231.604	0.1409	0.0365	-0.1773
Pb 220.353	-0.1070	0.3744	-0.2674
Sb 206.834	-1.1499	0.4983	0.6516
Se 196.026	0.8179	-0.7049	-0.1130
Sn 189.925	-0.1164	-0.0314	0.1478
Sr 216.596	-0.1764	0.0321	0.1443
Ti 334.941	0.0250	0.0093	-0.0343
Tl 190.794	0.7910	0.8885	-1.6795
V 292.401	0.4039	-0.2840	-0.1199
Zn 206.200	-0.3031	0.2894	0.0137

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	0.0000	ppb	8.970	572.4	1.5671
Al 308.215	0.0000	ppb	1.612	8.6	18.7290
As 188.980	0.0000	ppb	0.396	37.2	-1.0658
B 249.678	0.0000	ppb	1.421	4.5	31.8723
Ba 389.178	0.0000	ppb	2.211	27.2	-8.1256
Be 313.042	0.0000	ppb	1.748	1.4	-123.631
Ca 370.602	0.0000	ppb	5.058	17.2	29.36
Cd 226.502	0.0000	ppb	2.434	192.3	1.2654
Co 228.615	0.0000	ppb	1.635	21.4	-7.6207
Cr 267.716	0.0000	ppb	1.076	6.6	16.3607
Cu 324.754	0.0000	ppb	8.440	4.5	185.916
Fe 271.441	0.0000	ppb	0.555	5.0	-11.1454
K 766.491	0.0000	ppb	6.690	2.9	227.298
Mg 279.078	0.0000	ppb	2.950	49.8	5.9227
Mn 257.610	0.0000	ppb	3.027	10.8	27.9409
Mo 202.032	0.0000	ppb	1.119	25.3	4.4198
Na 330.237	0.0000	ppb	0.457	109.0	0.4194
Ni 231.604	0.0000	ppb	0.377	27.8	-1.3556
Pb 220.353	0.0000	ppb	0.414	20.5	2.0152
Sb 206.834	0.0000	ppb	1.231	32.7	3.7624
Se 196.026	0.0000	ppb	0.309	20.1	1.5406
Sn 189.925	0.0000	ppb	0.090	5.5	-1.6501
Sr 216.596	0.0000	ppb	1.515	349.3	0.4338
Ti 334.941	0.0000	ppb	2.952	11.8	-24.9371
Tl 190.794	0.0000	ppb	0.703	56.7	-1.2406
V 292.401	0.0000	ppb	7.324	20022.7	0.0366
Zn 206.200	0.0000	ppb	0.253	64.3	0.3933

HIGH STD (Std) **12/22/2012, 12:01:09 PM** **Rack S, Tube 2**

Label	Replicates Concentration		
Ag 328.068	998.348	997.484	1004.17
Al 308.215	10006.6	10073.6	9919.77
As 188.980	999.013	998.447	1002.54
B 249.678	4972.17	4995.48	5032.34
Ba 389.178	9974.34	10018.8	10006.9
Be 313.042	999.357	998.558	1002.08
Ca 370.602	9972	10036	9992
Cd 226.502	998.569	1000.13	1001.30
Co 228.615	999.712	1001.90	998.392
Cr 267.716	9977.13	9995.06	10027.8
Cu 324.754	9960.00	10060.0	9980.04
Fe 271.441	10001.1	10024.9	9974.02
K 766.491	19941.2	20047.3	20011.5
Mg 279.078	9987.56	9997.93	10014.5
Mn 257.610	9935.35	9938.62	10126.0
Mo 202.032	998.980	1001.89	999.133
Na 330.237	15001.1	14989.2	15009.7
Ni 231.604	4992.51	4999.62	5007.87
Pb 220.353	993.469	1005.71	1000.82
Sb 206.834	1001.55	998.091	1000.36
Se 196.026	10011.4	10026.8	9961.85
Sn 189.925	10009.5	9985.98	10004.5
Sr 216.596	4991.98	4994.22	5013.81
Ti 334.941	994.005	994.319	1011.68
Tl 190.794	10050.6	10058.3	9891.16
V 292.401	9987.12	10019.7	9993.14
Zn 206.200	4988.27	5008.92	5002.81

Label	Sol'n Conc.	Units	SD(Int)	%RSD(Int)	Int. (c/s)
Ag 328.068	1000.00	ppb	165.264	0.4	45459.0
Al 308.215	10000.0	ppb	265.525	0.8	34436.7
As 188.980	1000.00	ppb	1.314	0.2	591.685
B 249.678	5000.00	ppb	331.357	0.6	54646.2
Ba 389.178	10000.0	ppb	347.609	0.2	151115
Be 313.042	1000.00	ppb	2103.821	0.2	1137580
Ca 370.602	10000	ppb	92.679	0.3	28129
Cd 226.502	1000.00	ppb	43.541	0.1	31825.0
Co 228.615	1000.00	ppb	16.793	0.2	9477.32
Cr 267.716	10000.0	ppb	935.469	0.3	364091
Cu 324.754	10000.0	ppb	3069.816	0.5	580704
Fe 271.441	10000.0	ppb	29.361	0.3	11521.5
K 766.491	20000.0	ppb	1872.622	0.3	694144
Mg 279.078	10000.0	ppb	24.009	0.1	17664.8
Mn 257.610	10000.0	ppb	6360.102	1.1	582686
Mo 202.032	1000.00	ppb	10.121	0.2	6191.06
Na 330.237	15000.0	ppb	0.421	0.1	611.927
Ni 231.604	5000.00	ppb	17.879	0.2	11625.6
Pb 220.353	1000.00	ppb	7.640	0.6	1241.52
Sb 206.834	1000.00	ppb	2.166	0.2	1236.58
Se 196.026	10000.0	ppb	13.664	0.3	4029.11
Sn 189.925	10000.0	ppb	8.295	0.1	6690.22
Sr 216.596	5000.00	ppb	111.810	0.2	46548.5
Ti 334.941	1000.00	ppb	971.001	1.0	95996.2
Tl 190.794	10000.0	ppb	45.570	0.9	4829.03
V 292.401	10000.0	ppb	353.808	0.2	203879
Zn 206.200	5000.00	ppb	9.040	0.2	4261.95

Ag 328.068 Calibration (ppb) 12/22/2012, 12:01:09 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.5671	0.0000	0.0000	-	-
HIGH STD		45459.0	1000.00	1000.00	0.0000	0.0

Curve Type: Linear Equation: y = 45.5 x + 1.6

Al 308.215 Calibration (ppb) 12/22/2012, 12:01:09 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		18.7290	0.0000	0.0000	-	-
HIGH STD		34436.7	10000.0	10000.0	0.0000	0.0

Curve Type: Linear Equation: y = 3.4 x + 18.7

As 188.980 Calibration (ppb) 12/22/2012, 12:01:09 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-1.0658	0.0000	0.0000	-	-
HIGH STD		591.685	1000.00	1000.000	-0.0001	0.0

Curve Type: Linear Equation: y = 0.6 x + -1.1

B 249.678 Calibration (ppb) 12/22/2012, 12:01:09 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		31.8723	0.0000	0.0000	-	-
HIGH STD		54646.2	5000.00	5000.00	-0.0005	0.0

Curve Type: Linear Equation: y = 10.9 x + 31.9

Ba 389.178 Calibration (ppb) 12/22/2012, 12:01:09 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-8.1256	0.0000	0.0000	-	-
HIGH STD		151115	10000.0	10000.0	0.0000	0.0

Curve Type: Linear Equation: y = 15.1 x + -8.1

Be 313.042 Calibration (ppb) 12/22/2012, 12:01:09 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-123.631	0.0000	0.0000	-	-
HIGH STD		1137580	1000.00	1000.000	-0.0001	0.0

Curve Type: Linear Equation: y = 1137.7 x + -123.6

Ca 370.602 Calibration (ppb) 12/22/2012, 12:01:09 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		29.36	0.0000	0.0000	-	-
HIGH STD		28129	10000	10000	-0.0010	0.0

Curve Type: Linear Equation: y = 2.8 x + 29.4

Cd 226.502 Calibration (ppb) 12/22/2012, 12:01:09 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.2654	0.0000	0.0000	-	-
HIGH STD		31825.0	1000.00	1000.00	0.0000	0.0

Curve Type: Linear Equation: y = 31.8 x + 1.3

Co 228.615 Calibration (ppb) 12/22/2012, 12:01:09 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-7.6207	0.0000	0.0000	-	-
HIGH STD		9477.32	1000.00	1000.00	0.0002	0.0

Curve Type: Linear Equation: y = 9.5 x + -7.6

Cr 267.716 Calibration (ppb) 12/22/2012, 12:01:09 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		16.3607	0.0000	0.0000	-	-
HIGH STD		364091	10000.0	10000.00	-0.0010	0.0

Curve Type: Linear Equation: y = 36.4 x + 16.4

Cu 324.754 Calibration (ppb) 12/22/2012, 12:01:09 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		185.916	0.0000	0.0000	-	-
HIGH STD		580704	10000.0	10000.00	-0.0010	0.0

Curve Type: Linear Equation: y = 58.1 x + 185.9

Fe 271.441 Calibration (ppb) 12/22/2012, 12:01:09 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-11.1454	0.0000	0.0000	-	-
HIGH STD		11521.5	10000.0	10000.0	0.0000	0.0

Curve Type: Linear Equation: y = 1.2 x + -11.1

K 766.491 Calibration (ppb) 12/22/2012, 12:01:09 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		227.298	0.0000	0.0000	-	-
HIGH STD		694144	20000.0	20000.0	0.0000	0.0

Curve Type: Linear Equation: y = 34.7 x + 227.3

Mg 279.078 Calibration (ppb) 12/22/2012, 12:01:09 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		5.9227	0.0000	0.0000	-	-
HIGH STD		17664.8	10000.0	10000.0	0.0000	0.0

Curve Type: Linear Equation: y = 1.8 x + 5.9

Mn 257.610 Calibration (ppb) 12/22/2012, 12:01:09 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		27.9409	0.0000	0.0000	-	-
HIGH STD		582686	10000.0	10000.0	0.0000	0.0

Curve Type: Linear Equation: y = 58.3 x + 27.9

Mo 202.032 Calibration (ppb) 12/22/2012, 12:01:09 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		4.4198	0.0000	0.0000	-	-
HIGH STD		6191.06	1000.00	1000.00	0.0001	0.0

Curve Type: Linear Equation: y = 6.2 x + 4.4

Na 330.237 Calibration (ppb) 12/22/2012, 12:01:09 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		0.4194	0.0000	0.0000	-	-
HIGH STD		611.927	15000.0	15000.0	0.0029	0.0

Curve Type: Linear Equation: y = 0.0 x + 0.4

Ni 231.604 Calibration (ppb) 12/22/2012, 12:01:09 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-1.3556	0.0000	0.0000	-	-
HIGH STD		11625.6	5000.00	5000.00	-0.0005	0.0

Curve Type: Linear Equation: y = 2.3 x + -1.4

Pb 220.353 Calibration (ppb) 12/22/2012, 12:01:09 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		2.0152	0.0000	0.0000	-	-
HIGH STD		1241.52	1000.00	1000.000	-0.0001	0.0

Curve Type: Linear Equation: y = 1.2 x + 2.0

Sb 206.834 Calibration (ppb) 12/22/2012, 12:01:09 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		3.7624	0.0000	0.0000	-	-
HIGH STD		1236.58	1000.00	1000.00	0.0000	0.0

Curve Type: Linear Equation: y = 1.2 x + 3.8

Se 196.026 Calibration (ppb) 12/22/2012, 12:01:09 PM Correlation Coefficient: 1.000000

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		1.5406	0.0000	0.0000	-	-
HIGH STD		4029.11	10000.0	10000.0	0.0000	0.0

Curve Type: Linear Equation: y = 0.4 x + 1.5

Sn 189.925 Calibration (ppb) **12/22/2012, 12:01:09 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-1.6501	0.0000	0.0000	-	-
HIGH STD		6690.22	10000.0	10000.0	0.0000	0.0

Curve Type: Linear Equation: y = 0.7 x + -1.7

Sr 216.596 Calibration (ppb) **12/22/2012, 12:01:09 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		0.4338	0.0000	0.0000	-	-
HIGH STD		46548.5	5000.00	5000.00	0.0005	0.0

Curve Type: Linear Equation: y = 9.3 x + 0.4

Ti 334.941 Calibration (ppb) **12/22/2012, 12:01:09 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-24.9371	0.0000	0.0000	-	-
HIGH STD		95996.2	1000.00	1000.00	0.0000	0.0

Curve Type: Linear Equation: y = 96.0 x + -24.9

Tl 190.794 Calibration (ppb) **12/22/2012, 12:01:09 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		-1.2406	0.0000	0.0000	-	-
HIGH STD		4829.03	10000.0	10000.0	0.0000	0.0

Curve Type: Linear Equation: y = 0.5 x + -1.2

V 292.401 Calibration (ppb) **12/22/2012, 12:01:09 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		0.0366	0.0000	0.0000	-	-
HIGH STD		203879	10000.0	10000.00	-0.0010	0.0

Curve Type: Linear Equation: y = 20.4 x + 0.0

Zn 206.200 Calibration (ppb) **12/22/2012, 12:01:09 PM** **Correlation Coefficient: 1.000000**

Label	Flags	Int. (c/s)	Std Conc.	Calc Conc.	Error	%Error
Blank		0.3933	0.0000	0.0000	-	-
HIGH STD		4261.95	5000.00	5000.00	0.0005	0.0

Curve Type: Linear Equation: y = 0.9 x + 0.4

680-85750-a-1-a^10 (Samp) **12/22/2012, 1:05:03 PM** **Rack 1, Tube 3**

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

Label	Replicates Concentration		
Ag 328.068	84.1665	84.0667	83.5541
Al 308.215	45.4080	45.3899	46.0045
As 188.980	18.6901	25.6900	19.0539
B 249.678	12.6958	12.4251	12.2940
Ba 389.178	47.3453	45.8508	47.0893

Label	Replicates Concentration		
Be 313.042	0.1228	0.1167	0.1266
Ca 370.602	4659	4677	4669
Cd 226.502	3572.31	3574.33	3566.19
Co 228.615	3.8976	4.0268	4.7123
Cr 267.716	6.5826	6.4992	6.4247
Cu 324.754	8225.37	8264.61	8241.30
Fe 271.441	1955.55	1971.59	1958.58
K 766.491	994.067	993.201	988.571
Mg 279.078	1531.55	1537.82	1530.27
Mn 257.610	13.8355	13.7558	13.7300
Mo 202.032	1.4705	1.1766	1.3376
Na 330.237	210896x	211524x	211567x
Ni 231.604	741.408	744.281	739.118
Pb 220.353	3531.71	3567.84	3551.88
Sb 206.834	6.0530	7.7655	4.9597
Se 196.026	4.0295	10.3782	6.4285
Sn 189.925	4366.31	4399.84	4393.23
Sr 216.596	64.4031	65.4387	64.7145
Ti 334.941	0.9955	1.0279	0.9969
Tl 190.794	-4.2729u	-4.9005u	-5.1809u
V 292.401	0.4511	0.4913	0.2536
Zn 206.200	1572.07	1583.84	1574.54

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	83.9291b	ppb	0.3285	0.4	3815.96
Al 308.215	45.6008b	ppb	0.3497	0.8	175.711
As 188.980	21.1447b	ppb	3.9406	18.6	11.4674
B 249.678	12.4716b	ppb	0.2049	1.6	167.065
Ba 389.178	46.7618b	ppb	0.7993	1.7	699.772
Be 313.042	0.1220b	ppb	0.0050	4.1	2.5534
Ca 370.602	4668b	ppb	8.827	0.2	12560
Cd 226.502	3570.94b	ppb	4.2400	0.1	113648
Co 228.615	4.2122b	ppb	0.4378	10.4	31.4335
Cr 267.716	6.5022b	ppb	0.0790	1.2	238.533
Cu 324.754	8243.76b	ppb	19.7355	0.2	478751
Fe 271.441	1961.91b	ppb	8.5201	0.4	2251.85
K 766.491	991.946b	ppb	2.9547	0.3	34643.7
Mg 279.078	1533.21b	ppb	4.0439	0.3	2713.42
Mn 257.610	13.7738b	ppb	0.0550	0.4	833.636
Mo 202.032	1.3283b	ppb	0.1472	11.1	12.5545
Na 330.237	211329xb	ppb	375.527	0.2	8607.56
Ni 231.604	741.602b	ppb	2.5872	0.3	1723.26
Pb 220.353	3550.48b	ppb	18.1040	0.5	4402.87
Sb 206.834	6.2594b	ppb	1.4143	22.6	12.1177
Se 196.026	6.9454b	ppb	3.2057	46.2	4.3441
Sn 189.925	4386.46b	ppb	17.7618	0.4	2933.77
Sr 216.596	64.8521b	ppb	0.5313	0.8	572.249
Ti 334.941	1.0068b	ppb	0.0183	1.8	66.5690
Tl 190.794	-4.7848b	ppb	0.4649	9.7	-3.6695
V 292.401	0.3987b	ppb	0.1272	31.9	6.8080
Zn 206.200	1576.82b	ppb	6.2057	0.4	1344.34

680-85660-c-3-a^10 (Samp) **12/22/2012, 1:11:29 PM** **Rack 1, Tube 4**

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

Label	Replicates Concentration		
Ag 328.068	1.7234	1.6913	1.4204
Al 308.215	7017.25	7017.80	6943.23

Label	Replicates Concentration		
As 188.980	1.0987	5.2371	0.5843
B 249.678	44.1375	43.7304	43.4865
Ba 389.178	115.863	113.926	113.776
Be 313.042	0.4275	0.4336	0.4309
Ca 370.602	16713	16667	16544
Cd 226.502	0.8006	0.9911	0.9231
Co 228.615	1.3478	1.5628	1.7577
Cr 267.716	6.3487	6.4541	6.4338
Cu 324.754	237.424	238.474	234.100
Fe 271.441	4703.43	4696.77	4670.51
K 766.491	3689.28	3669.53	3645.19
Mg 279.078	1501.35	1495.77	1479.61
Mn 257.610	171.911	170.060	169.457
Mo 202.032	2.1175	2.1003	1.9802
Na 330.237	3886.57	3768.86	3771.22
Ni 231.604	8.7753	9.2847	8.6827
Pb 220.353	5.9152	8.6580	9.3993
Sb 206.834	0.1249	-2.7557u	0.4915
Se 196.026	4.6117	-2.7345u	0.3313
Sn 189.925	14.6741	14.6657	13.6661
Sr 216.596	23.6796	23.2070	22.9854
Ti 334.941	11.7361	11.5538	11.6107
Tl 190.794	0.2536u	2.6879	-2.1834u
V 292.401	4.6215	4.8988	4.8837
Zn 206.200	384.844	378.706	376.027

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	1.6117	ppb	0.1665	10.3	73.8093
Al 308.215	6992.76	ppb	42.8934	0.6	24086.6
As 188.980	2.3067	ppb	2.5508	110.6	0.3010
B 249.678	43.7848	ppb	0.3289	0.8	507.663
Ba 389.178	114.522	ppb	1.1640	1.0	1722.80
Be 313.042	0.4307	ppb	0.0031	0.7	370.391
Ca 370.602	16642	ppb	87.16	0.5	45395
Cd 226.502	0.9049	ppb	0.0965	10.7	47.3382
Co 228.615	1.5561	ppb	0.2050	13.2	7.4744
Cr 267.716	6.4122	ppb	0.0559	0.9	251.051
Cu 324.754	236.666	ppb	2.2831	1.0	13925.0
Fe 271.441	4690.24	ppb	17.4028	0.4	5398.43
K 766.491	3668.00	ppb	22.0833	0.6	127492
Mg 279.078	1492.24	ppb	11.2908	0.8	2639.05
Mn 257.610	170.476	ppb	1.2791	0.8	9964.99
Mo 202.032	2.0660	ppb	0.0748	3.6	17.1640
Na 330.237	3808.88	ppb	67.2898	1.8	152.814
Ni 231.604	8.9143	ppb	0.3241	3.6	19.5582
Pb 220.353	7.9908	ppb	1.8354	23.0	11.8321
Sb 206.834	-0.7131	ppb	1.7784	249.4	3.0662
Se 196.026	0.7362	ppb	3.6898	501.2	1.8520
Sn 189.925	14.3353	ppb	0.5796	4.0	7.9497
Sr 216.596	23.2907	ppb	0.3546	1.5	225.681
Ti 334.941	11.6335	ppb	0.0932	0.8	1092.45
Tl 190.794	0.2527	ppb	2.4357	963.9	-1.3304
V 292.401	4.8014	ppb	0.1559	3.2	96.9528
Zn 206.200	379.859	ppb	4.5201	1.2	324.165

mb 680-260461/1-a (Samp) **12/22/2012, 1:17:55 PM** **Rack 1, Tube 5**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.2578u	0.1934	-0.0625u
Al 308.215	3.6904	1.5358	0.3843
As 188.980	-0.9933u	-3.1401u	5.1847
B 249.678	2.8206	2.4048	2.3792
Ba 389.178	0.3539	0.0235	0.5222
Be 313.042	0.0101	0.0014	0.0139
Ca 370.602	-0.1216u	-1.328u	-0.4800u
Cd 226.502	0.1745	0.0131	0.1348
Co 228.615	0.8810	0.6238	0.2475
Cr 267.716	-0.0301u	-0.0325u	0.1131
Cu 324.754	0.1241	0.1401	-0.0377u
Fe 271.441	-0.7781u	0.5733	-0.9314u
K 766.491	0.0539	0.1778	0.1719
Mg 279.078	1.3132	0.8120	0.1721
Mn 257.610	-0.0279u	-0.1810u	-0.0659u
Mo 202.032	0.2496	-0.1135u	-0.0049u
Na 330.237	46.5168	176.729	173.378
Ni 231.604	1.0550	0.0009	0.2008
Pb 220.353	-0.3579u	1.1550	-1.6524u
Sb 206.834	-0.8302u	0.1838	-3.4854u
Se 196.026	-1.3764u	1.9153	9.5357
Sn 189.925	0.1959	0.5553	2.6410
Sr 216.596	0.4069	-0.0604u	-0.4621u
Ti 334.941	0.0243	-0.0084u	0.0429
Tl 190.794	1.5281	2.4472	-2.9924u
V 292.401	0.0514	0.1771	-0.0711u
Zn 206.200	1.2599	1.6857	0.4474

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0423	ppb	0.2263	535.0	-0.3528
Al 308.215	1.8702	ppb	1.6782	89.7	25.1714
As 188.980	0.3504	ppb	4.3220	1233.4	-0.8581
B 249.678	2.5349	ppb	0.2478	9.8	59.5606
Ba 389.178	0.2999	ppb	0.2537	84.6	-3.5918
Be 313.042	0.0084	ppb	0.0064	76.0	-114.044
Ca 370.602	-0.6432	ppb	0.6196	96.3	27.72
Cd 226.502	0.1075	ppb	0.0841	78.3	4.6829
Co 228.615	0.5841	ppb	0.3186	54.6	-2.0864
Cr 267.716	0.0168	ppb	0.0834	496.3	16.9733
Cu 324.754	0.0755	ppb	0.0983	130.2	190.303
Fe 271.441	-0.3787	ppb	0.8280	218.6	-11.5376
K 766.491	0.1345	ppb	0.0699	51.9	231.965
Mg 279.078	0.7658	ppb	0.5720	74.7	7.2762
Mn 257.610	-0.0916	ppb	0.0797	87.0	22.6051
Mo 202.032	0.0437	ppb	0.1864	426.2	4.6904
Na 330.237	132.208	ppb	74.2294	56.1	5.8042
Ni 231.604	0.4189	ppb	0.5599	133.7	-0.3812
Pb 220.353	-0.2851	ppb	1.4051	492.9	1.6613
Sb 206.834	-1.3773	ppb	1.8948	137.6	2.0625
Se 196.026	3.3582	ppb	5.5973	166.7	2.8931
Sn 189.925	1.1308	ppb	1.3202	116.8	-0.8934
Sr 216.596	-0.0386	ppb	0.4349	1128.2	0.0567
Ti 334.941	0.0196	ppb	0.0260	132.7	-23.0596
Tl 190.794	0.3276	ppb	2.9117	888.8	-1.0820
V 292.401	0.0525	ppb	0.1241	236.5	1.0820
Zn 206.200	1.1310	ppb	0.6291	55.6	1.3572

lcs 680-260461/2-a (Samp) **12/22/2012, 1:24:22 PM** **Rack 1, Tube 6**

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

Label	Replicates Concentration		
Ag 328.068	50.9838	51.0246	51.2334
Al 308.215	5174.71	5184.05	5208.69
As 188.980	108.773	113.246	113.309
B 249.678	208.069	208.280	209.667
Ba 389.178	102.575	102.392	102.870
Be 313.042	52.4566	52.3941	52.5349
Ca 370.602	5131	5134	5145
Cd 226.502	53.9060	53.6643	53.5475
Co 228.615	53.1993	52.8261	53.0076
Cr 267.716	104.255	104.534	104.357
Cu 324.754	104.925	104.914	105.168
Fe 271.441	5215.19	5220.42	5226.63
K 766.491	5498.27	5509.48	5520.04
Mg 279.078	5238.99	5235.85	5255.38
Mn 257.610	536.096	535.196	535.012
Mo 202.032	103.489	103.214	103.847
Na 330.237	4741.15	4732.52	4777.44
Ni 231.604	107.217	105.896	107.254
Pb 220.353	51.9213	51.2421	54.1667
Sb 206.834	50.7719	51.2100	51.3138
Se 196.026	104.051	108.551	106.157
Sn 189.925	107.742	106.027	107.654
Sr 216.596	105.069	104.616	104.703
Ti 334.941	105.210	104.976	104.804
Tl 190.794	38.7610	42.3209	43.4341
V 292.401	105.770	105.791	105.835
Zn 206.200	106.533	106.938	109.421

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.0806	ppb	0.1339	0.3	2321.96
Al 308.215	5189.15	ppb	17.5568	0.3	17885.0
As 188.980	111.776	ppb	2.6010	2.3	65.1638
B 249.678	208.672	ppb	0.8685	0.4	2308.42
Ba 389.178	102.612	ppb	0.2410	0.2	1548.42
Be 313.042	52.4619	ppb	0.0706	0.1	59567.3
Ca 370.602	5137	ppb	7.450	0.1	12921
Cd 226.502	53.7059	ppb	0.1828	0.3	1728.43
Co 228.615	53.0110	ppb	0.1866	0.4	494.843
Cr 267.716	104.382	ppb	0.1414	0.1	3817.21
Cu 324.754	105.002	ppb	0.1435	0.1	6284.17
Fe 271.441	5220.75	ppb	5.7299	0.1	6015.19
K 766.491	5509.27	ppb	10.8905	0.2	191376
Mg 279.078	5243.41	ppb	10.4896	0.2	9259.97
Mn 257.610	535.435	ppb	0.5805	0.1	31234.1
Mo 202.032	103.516	ppb	0.3177	0.3	644.666
Na 330.237	4750.37	ppb	23.8345	0.5	191.912
Ni 231.604	106.789	ppb	0.7739	0.7	247.292
Pb 220.353	52.4434	ppb	1.5306	2.9	66.8617
Sb 206.834	51.0986	ppb	0.2876	0.6	66.3623
Se 196.026	106.253	ppb	2.2515	2.1	44.3514
Sn 189.925	107.141	ppb	0.9661	0.9	70.0502
Sr 216.596	104.796	ppb	0.2403	0.2	979.734
Ti 334.941	104.997	ppb	0.2037	0.2	10058.5
Tl 190.794	41.5053	ppb	2.4410	5.9	18.8528
V 292.401	105.799	ppb	0.0330	0.0	2144.86
Zn 206.200	107.631	ppb	1.5636	1.5	91.8632

680-85892-a-1-a (Samp) **12/22/2012, 1:30:49 PM** **Rack 1, Tube 7**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	0.0877u	-0.0696u	-0.0769u
Al 308.215	20.6364	17.4299	15.3965
As 188.980	8.2301	8.4385	13.5875
B 249.678	85.8766	86.7507	86.2190
Ba 389.178	805.616	806.679	806.458
Be 313.042	0.0659	0.0584	0.0618
Ca 370.602	106226	106041	105947
Cd 226.502	-0.1187	-0.3412	-0.3557
Co 228.615	24.8180	24.9414	24.3875
Cr 267.716	0.9035	1.0694	0.7872
Cu 324.754	16.1398	16.2146	16.0906
Fe 271.441	3789.66	3778.14	3771.28
K 766.491	2327.82	2319.28	2346.70
Mg 279.078	41896.3	42055.1	42074.4
Mn 257.610	1853.03	1881.80	1878.99
Mo 202.032	0.6625	0.8950	-0.0437u
Na 330.237	54555.2	55025.3	55006.0
Ni 231.604	512.653	515.776	518.838
Pb 220.353	1.1345	1.2024	0.3741
Sb 206.834	-1.2672u	-2.5468u	-4.6891u
Se 196.026	8.8934	-3.4998u	-1.9839u
Sn 189.925	0.8757	2.4083	-1.0313u
Sr 216.596	659.051	664.569	662.844
Ti 334.941	0.7074	0.7823	0.7412
Tl 190.794	0.9725	-3.4061u	2.0566
V 292.401	1.3587	1.4527	1.3346
Zn 206.200	59.0423	58.8341	59.8645

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0196	ppb	0.0930	474.2	-5.2694
Al 308.215	17.8209	ppb	2.6417	14.8	80.1070
As 188.980	10.0854	ppb	3.0347	30.1	4.9122
B 249.678	86.2821	ppb	0.4404	0.5	972.328
Ba 389.178	806.251	ppb	0.5609	0.1	12203.8
Be 313.042	0.0620	ppb	0.0038	6.1	-34.3835
Ca 370.602	106072	ppb	142.1	0.1	297011
Cd 226.502	-0.2718	ppb	0.1329	48.9	12.7205
Co 228.615	24.7157	ppb	0.2908	1.2	226.948
Cr 267.716	0.9200	ppb	0.1419	15.4	51.5072
Cu 324.754	16.1483	ppb	0.0624	0.4	1123.37
Fe 271.441	3779.70	ppb	9.2877	0.2	4351.57
K 766.491	2331.26	ppb	14.0323	0.6	81112.5
Mg 279.078	42008.6	ppb	97.7437	0.2	74170.7
Mn 257.610	1871.27	ppb	15.8606	0.8	109108
Mo 202.032	0.5046	ppb	0.4889	96.9	7.3798
Na 330.237	54862.2	ppb	265.981	0.5	2234.31
Ni 231.604	515.755	ppb	3.0925	0.6	1199.27
Pb 220.353	0.9037	ppb	0.4599	50.9	3.4834
Sb 206.834	-2.8344	ppb	1.7290	61.0	0.3273
Se 196.026	1.1366	ppb	6.7603	594.8	2.0103
Sn 189.925	0.7509	ppb	1.7232	229.5	-1.0945
Sr 216.596	662.155	ppb	2.8229	0.4	6156.57
Ti 334.941	0.7437	ppb	0.0375	5.0	45.9125
Tl 190.794	-0.1257	ppb	2.8922	2301.4	-0.5523
V 292.401	1.3820	ppb	0.0624	4.5	14.5542
Zn 206.200	59.2470	ppb	0.5448	0.9	51.5802

680-85892-a-1-b ms (Samp) **12/22/2012, 1:37:16 PM** **Rack 1, Tube 8**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	52.8892	52.4678	52.4114
Al 308.215	5462.40	5456.24	5474.47
As 188.980	121.608	117.803	123.258
B 249.678	298.171	298.416	297.783
Ba 389.178	913.601	911.274	911.942
Be 313.042	53.9656	53.8268	53.8037
Ca 370.602	112001	111794	111870
Cd 226.502	52.3879	51.9683	51.9814
Co 228.615	76.7184	76.2251	77.0316
Cr 267.716	106.047	105.614	105.574
Cu 324.754	133.092	130.049	131.055
Fe 271.441	8934.41	8901.32	8910.92
K 766.491	8413.62	8388.46	8431.69
Mg 279.078	47470.3	46904.9	46922.8
Mn 257.610	2423.65	2406.90	2399.39
Mo 202.032	105.504	105.477	105.247
Na 330.237	60638.6	60683.9	60730.4
Ni 231.604	620.044	618.027	615.045
Pb 220.353	51.6080	55.3754	54.0359
Sb 206.834	51.5860	47.9745	50.2675
Se 196.026	61.2465	74.9631	69.0775
Sn 189.925	106.883	103.498	104.624
Sr 216.596	769.956	767.469	764.187
Ti 334.941	107.274	106.835	106.498
Tl 190.794	39.7882	40.2607	40.9781
V 292.401	108.426	107.511	107.926
Zn 206.200	163.219	162.542	162.557

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	52.5895	ppb	0.2611	0.5	2384.63
Al 308.215	5464.37	ppb	9.2745	0.2	18832.3
As 188.980	120.890	ppb	2.7978	2.3	70.5655
B 249.678	298.124	ppb	0.3191	0.1	3283.54
Ba 389.178	912.272	ppb	1.1983	0.1	13811.6
Be 313.042	53.8654	ppb	0.0876	0.2	61182.8
Ca 370.602	111888	ppb	104.8	0.1	311836
Cd 226.502	52.1125	ppb	0.2385	0.5	1697.64
Co 228.615	76.6584	ppb	0.4066	0.5	719.270
Cr 267.716	105.745	ppb	0.2624	0.2	3868.49
Cu 324.754	131.399	ppb	1.5503	1.2	7816.57
Fe 271.441	8915.55	ppb	17.0216	0.2	10279.9
K 766.491	8411.26	ppb	21.7127	0.3	292063
Mg 279.078	47099.3	ppb	321.404	0.7	83155.1
Mn 257.610	2409.98	ppb	12.4164	0.5	140505
Mo 202.032	105.409	ppb	0.1411	0.1	656.224
Na 330.237	60684.3	ppb	45.8978	0.1	2469.53
Ni 231.604	617.705	ppb	2.5150	0.4	1436.66
Pb 220.353	53.6731	ppb	1.9097	3.6	68.7232
Sb 206.834	49.9427	ppb	1.8275	3.7	64.9882
Se 196.026	68.4290	ppb	6.8813	10.1	29.1291
Sn 189.925	105.002	ppb	1.7234	1.6	68.6720
Sr 216.596	767.204	ppb	2.8934	0.4	7138.31
Ti 334.941	106.869	ppb	0.3891	0.4	10237.7
Tl 190.794	40.3423	ppb	0.5991	1.5	19.0471
V 292.401	107.954	ppb	0.4577	0.4	2174.92
Zn 206.200	162.773	ppb	0.3865	0.2	139.547

680-85892-a-1-c msd (Samp) **12/22/2012, 1:43:43 PM** **Rack 1, Tube 9**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	51.6337	51.9632	52.4722
Al 308.215	5408.58	5373.28	5348.80
As 188.980	113.168	118.214	122.607
B 249.678	294.017	295.754	297.017
Ba 389.178	903.046	905.454	904.201
Be 313.042	53.2914	53.2777	53.3267
Ca 370.602	110962	110886	110776
Cd 226.502	51.4721	51.5474	51.7821
Co 228.615	76.7023	76.4640	77.0499
Cr 267.716	104.042	104.167	104.678
Cu 324.754	125.614	124.570	124.617
Fe 271.441	8832.30	8817.34	8827.64
K 766.491	8318.85	8318.36	8325.76
Mg 279.078	47020.5	47104.1	47220.1
Mn 257.610	2370.17	2389.10	2405.83
Mo 202.032	103.978	104.191	104.235
Na 330.237	60022.3	60319.1	59862.4
Ni 231.604	610.608	610.791	613.946
Pb 220.353	49.6160	50.1637	54.0561
Sb 206.834	52.3040	49.7404	55.6301
Se 196.026	61.7618	73.4097	81.8528
Sn 189.925	102.638	103.164	105.438
Sr 216.596	759.026	758.894	765.406
Ti 334.941	104.933	105.794	106.567
Tl 190.794	43.2750	38.7224	37.9674
V 292.401	106.642	106.745	106.786
Zn 206.200	161.381	162.047	160.312

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	52.0231	ppb	0.4224	0.8	2358.94
Al 308.215	5376.88	ppb	30.0513	0.6	18531.2
As 188.980	117.996	ppb	4.7234	4.0	68.8508
B 249.678	295.596	ppb	1.5065	0.5	3255.98
Ba 389.178	904.234	ppb	1.2042	0.1	13690.2
Be 313.042	53.2986	ppb	0.0253	0.0	60537.8
Ca 370.602	110875	ppb	93.85	0.1	309014
Cd 226.502	51.6005	ppb	0.1617	0.3	1680.99
Co 228.615	76.7387	ppb	0.2947	0.4	720.034
Cr 267.716	104.295	ppb	0.3370	0.3	3815.69
Cu 324.754	124.934	ppb	0.5897	0.5	7441.26
Fe 271.441	8825.76	ppb	7.6562	0.1	10176.4
K 766.491	8320.99	ppb	4.1412	0.0	288931
Mg 279.078	47114.9	ppb	100.238	0.2	83182.8
Mn 257.610	2388.36	ppb	17.8416	0.7	139245
Mo 202.032	104.134	ppb	0.1376	0.1	648.340
Na 330.237	60067.9	ppb	231.738	0.4	2444.44
Ni 231.604	611.781	ppb	1.8767	0.3	1422.88
Pb 220.353	51.2786	ppb	2.4209	4.7	65.7536
Sb 206.834	52.5582	ppb	2.9530	5.6	68.2150
Se 196.026	72.3414	ppb	10.0880	13.9	30.7046
Sn 189.925	103.747	ppb	1.4882	1.4	67.8320
Sr 216.596	761.109	ppb	3.7221	0.5	7081.61
Ti 334.941	105.765	ppb	0.8172	0.8	10131.6
Tl 190.794	39.9883	ppb	2.8713	7.2	18.8694
V 292.401	106.724	ppb	0.0743	0.1	2150.10
Zn 206.200	161.247	ppb	0.8756	0.5	128.252

680-85892-a-2-a (Samp) **12/22/2012, 1:50:11 PM** **Rack 1, Tube 10**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.2542u	-0.1306u	0.1755
Al 308.215	3.3116	4.9284	3.8963
As 188.980	5.4945	4.6770	2.5402
B 249.678	87.4873	87.5307	86.7673
Ba 389.178	602.073	604.198	602.909
Be 313.042	0.0810	0.0813	0.0793
Ca 370.602	76210	76250	76259
Cd 226.502	-0.2594u	-0.2685u	-0.1712
Co 228.615	25.3301	25.2919	24.8234
Cr 267.716	0.7821	0.7362	0.6601
Cu 324.754	6.3344	6.2571	6.4874
Fe 271.441	479.646	487.636	487.237
K 766.491	2327.48	2304.87	2317.94
Mg 279.078	43725.1	43675.0	43675.0
Mn 257.610	309.192	308.120	307.471
Mo 202.032	0.6435	0.5393	0.3686
Na 330.237	56275.9	56004.0	56462.4
Ni 231.604	551.428	558.648	549.987
Pb 220.353	1.7329	0.8449	0.4700
Sb 206.834	-3.2669u	-2.6603u	-2.1263u
Se 196.026	2.6039	3.8084	0.5281
Sn 189.925	0.1173	-3.2823u	-3.7793u
Sr 216.596	607.664	604.717	606.125
Ti 334.941	0.1037	0.2281	0.2974
Tl 190.794	1.8559	-1.2165u	-3.0348u
V 292.401	0.6304	0.7106	1.0073
Zn 206.200	25.2369	23.7979	26.1675

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0698	ppb	0.2212	317.0	-6.5210
Al 308.215	4.0454	ppb	0.8187	20.2	32.6790
As 188.980	4.2372	ppb	1.5254	36.0	1.4457
B 249.678	87.2618	ppb	0.4288	0.5	984.769
Ba 389.178	603.060	ppb	1.0710	0.2	9137.70
Be 313.042	0.0805	ppb	0.0010	1.3	-19.7417
Ca 370.602	76240	ppb	26.11	0.0	214128
Cd 226.502	-0.2331	ppb	0.0538	23.1	1.0968
Co 228.615	25.1485	ppb	0.2822	1.1	230.918
Cr 267.716	0.7262	ppb	0.0616	8.5	43.6406
Cu 324.754	6.3596	ppb	0.1172	1.8	555.116
Fe 271.441	484.840	ppb	4.5023	0.9	551.238
K 766.491	2316.76	ppb	11.3511	0.5	80609.3
Mg 279.078	43691.7	ppb	28.9284	0.1	77157.6
Mn 257.610	308.261	ppb	0.8692	0.3	18038.1
Mo 202.032	0.5171	ppb	0.1388	26.8	7.5984
Na 330.237	56247.4	ppb	230.490	0.4	2291.54
Ni 231.604	553.354	ppb	4.6409	0.8	1286.65
Pb 220.353	1.0159	ppb	0.6486	63.8	3.3222
Sb 206.834	-2.6845	ppb	0.5707	21.3	0.4573
Se 196.026	2.3135	ppb	1.6593	71.7	2.4739
Sn 189.925	-2.3147	ppb	2.1208	91.6	-3.1563
Sr 216.596	606.168	ppb	1.4740	0.2	5626.36
Ti 334.941	0.2098	ppb	0.0981	46.8	-5.4923
Tl 190.794	-0.7984	ppb	2.4720	309.6	-1.4717
V 292.401	0.7828	ppb	0.1986	25.4	6.9603
Zn 206.200	25.0674	ppb	1.1939	4.8	22.4688

680-85892-a-3-a (Samp) **12/22/2012, 1:56:39 PM** **Rack 1, Tube 11**

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

Label	Replicates Concentration		
Ag 328.068	-0.1935u	-0.4391u	0.1047
Al 308.215	5.3800	6.8570	4.6995
As 188.980	70.4563	69.3091	66.3529
B 249.678	129.817	131.316	131.381
Ba 389.178	1410.05	1410.82	1411.27
Be 313.042	0.0047	0.0053	-0.0039u
Ca 370.602	40799	40766	40563
Cd 226.502	-0.2664u	-0.2375u	-0.1827u
Co 228.615	2.2731	2.4499	1.7916
Cr 267.716	0.2222	0.1467	0.0559
Cu 324.754	0.8661	0.3235	0.2970
Fe 271.441	25.1310	28.3779	25.4006
K 766.491	2635.72	2643.38	2637.06
Mg 279.078	43456.9	43474.9	43612.0
Mn 257.610	3293.47	3317.49	3371.20
Mo 202.032	5.5068	5.4082	5.3607
Na 330.237	55880.3	55895.1	55674.2
Ni 231.604	4.4603	4.9989	4.6181
Pb 220.353	2.9665	-1.3222u	2.1709
Sb 206.834	224.698	221.464	225.663
Se 196.026	5.9537	2.3513	2.7231
Sn 189.925	0.8609	-0.7664u	1.5666
Sr 216.596	484.484	484.490	488.178
Ti 334.941	0.1204	0.0830	0.1155
Tl 190.794	2.4661	-3.8454u	5.0886
V 292.401	1.8765	1.6012	2.0404
Zn 206.200	4.8493	6.3361	5.3498

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1760	ppb	0.2723	154.7	-10.3738
Al 308.215	5.6455	ppb	1.1030	19.5	38.3041
As 188.980	68.7061	ppb	2.1171	3.1	39.6584
B 249.678	130.838	ppb	0.8847	0.7	1460.99
Ba 389.178	1410.71	ppb	0.6161	0.0	21347.2
Be 313.042	0.0020	ppb	0.0051	251.2	-117.731
Ca 370.602	40710	ppb	127.9	0.3	114510
Cd 226.502	-0.2289	ppb	0.0425	18.6	-2.7917
Co 228.615	2.1715	ppb	0.3407	15.7	12.8505
Cr 267.716	0.1416	ppb	0.0833	58.8	22.2325
Cu 324.754	0.4955	ppb	0.3212	64.8	214.785
Fe 271.441	26.3032	ppb	1.8018	6.9	20.1270
K 766.491	2638.72	ppb	4.0891	0.2	91779.9
Mg 279.078	43514.6	ppb	84.8433	0.2	76815.9
Mn 257.610	3327.39	ppb	39.8001	1.2	193950
Mo 202.032	5.4252	ppb	0.0745	1.4	37.9818
Na 330.237	55816.5	ppb	123.471	0.2	2274.16
Ni 231.604	4.6924	ppb	0.2769	5.9	10.7458
Pb 220.353	1.2718	ppb	2.2814	179.4	4.0730
Sb 206.834	223.942	ppb	2.1990	1.0	279.787
Se 196.026	3.6760	ppb	1.9812	53.9	3.0211
Sn 189.925	0.5537	ppb	1.1965	216.1	-1.2497
Sr 216.596	485.717	ppb	2.1306	0.4	4524.62
Ti 334.941	0.1063	ppb	0.0203	19.1	-15.4655
Tl 190.794	1.2364	ppb	4.5922	371.4	1.0962
V 292.401	1.8394	ppb	0.2219	12.1	27.5557
Zn 206.200	5.5117	ppb	0.7565	13.7	5.7993

680-85892-a-4-a (Samp) **12/22/2012, 2:03:07 PM** **Rack 1, Tube 12**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.1593u	0.1623	0.0210u
Al 308.215	4.4861	1.8895	3.7605
As 188.980	87.6289	88.6386	93.7941
B 249.678	120.226	120.918	120.898
Ba 389.178	485.381	485.966	485.002
Be 313.042	0.0022	0.0046	0.0045
Ca 370.602	55808	56007	56010
Cd 226.502	-0.0172	-0.1661u	0.0405
Co 228.615	-0.3593u	-0.0131u	0.0095u
Cr 267.716	-0.0624u	0.2493	-0.0351u
Cu 324.754	1.5368	1.4824	1.6525
Fe 271.441	37.5373	39.2703	41.0789
K 766.491	2629.78	2622.29	2627.66
Mg 279.078	37732.1	37720.0	37673.2
Mn 257.610	44.2197	44.2547	43.9618
Mo 202.032	8.7082	8.5959	8.2174
Na 330.237	53972.5	54248.0	54104.3
Ni 231.604	2.8141	3.0027	3.6739
Pb 220.353	0.5354	3.0586	2.5305
Sb 206.834	187.640	187.797	191.063
Se 196.026	0.4019	0.5059	-1.1488u
Sn 189.925	2.6358	1.3482	-0.1467u
Sr 216.596	459.384	458.662	458.948
Ti 334.941	0.1342	0.1590	0.1506
Tl 190.794	-0.9098u	-4.1008u	1.5128
V 292.401	3.6336	3.8016	3.3944
Zn 206.200	16.8011	16.0247	15.1542

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0080	ppb	0.1612	2016.2	-1.8039
Al 308.215	3.3787	ppb	1.3397	39.7	30.6403
As 188.980	90.0205	ppb	3.3068	3.7	52.2917
B 249.678	120.681	ppb	0.3935	0.3	1350.03
Ba 389.178	485.450	ppb	0.4857	0.1	7357.06
Be 313.042	0.0038	ppb	0.0014	36.2	-111.366
Ca 370.602	55942	ppb	115.8	0.2	157214
Cd 226.502	-0.0476	ppb	0.1066	224.0	4.0605
Co 228.615	-0.1210	ppb	0.2067	170.9	-8.9737
Cr 267.716	0.0506	ppb	0.1726	341.1	18.8903
Cu 324.754	1.5572	ppb	0.0869	5.6	276.476
Fe 271.441	39.2955	ppb	1.7709	4.5	35.2567
K 766.491	2626.58	ppb	3.8588	0.1	91358.6
Mg 279.078	37708.4	ppb	31.1477	0.1	66594.3
Mn 257.610	44.1454	ppb	0.1600	0.4	2642.25
Mo 202.032	8.5072	ppb	0.2571	3.0	57.0466
Na 330.237	54108.2	ppb	137.770	0.3	2204.69
Ni 231.604	3.1636	ppb	0.4519	14.3	7.0320
Pb 220.353	2.0415	ppb	1.3308	65.2	4.5412
Sb 206.834	188.833	ppb	1.9323	1.0	236.468
Se 196.026	-0.0803	ppb	0.9268	1153.8	1.5084
Sn 189.925	1.2791	ppb	1.3925	108.9	-0.7592
Sr 216.596	458.998	ppb	0.3631	0.1	4276.89
Ti 334.941	0.1479	ppb	0.0126	8.5	-11.5403
Tl 190.794	-1.1659	ppb	2.8156	241.5	-1.7872
V 292.401	3.6098	ppb	0.2047	5.7	66.2335
Zn 206.200	15.9933	ppb	0.8239	5.2	14.6387

680-85892-d-5-a (Samp) **12/22/2012, 2:22:24 PM** **Rack 1, Tube 15**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.0451u	-0.3124u	-0.3901u
Al 308.215	4.4489	4.8276	4.9052
As 188.980	86.8894	87.9248	84.4542
B 249.678	121.635	121.663	122.317
Ba 389.178	601.619	601.785	602.334
Be 313.042	-0.0073	0.0024	-0.0049
Ca 370.602	58712	58730	58773
Cd 226.502	-0.2938u	-0.1988u	-0.1286
Co 228.615	0.5047	-0.2624u	0.0855
Cr 267.716	0.0126	-0.0391u	-0.0120
Cu 324.754	2.9240	2.7211	2.6339
Fe 271.441	29.0618	28.5999	29.6951
K 766.491	2620.98	2638.36	2635.23
Mg 279.078	34616.2	34543.1	34560.8
Mn 257.610	0.5555	0.5523	0.4330
Mo 202.032	11.3282	11.3875	11.3605
Na 330.237	53605.5	54111.3	54022.2
Ni 231.604	2.2951	2.3375	3.9345
Pb 220.353	0.5653	0.9618	1.4369
Sb 206.834	158.570	158.525	160.320
Se 196.026	0.7468	6.8265	-1.8959u
Sn 189.925	-2.8353u	-0.4181u	-0.5953u
Sr 216.596	476.626	474.662	473.577
Ti 334.941	0.1977	0.1713	0.2319
Tl 190.794	0.6017	2.5623	-1.0444u
V 292.401	1.9650	1.8179	1.5992
Zn 206.200	5.9409	6.8989	7.3056

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2492	ppb	0.1810	72.6	-13.5659
Al 308.215	4.7272	ppb	0.2441	5.2	35.2388
As 188.980	86.4228	ppb	1.7817	2.1	50.1586
B 249.678	121.872	ppb	0.3862	0.3	1363.05
Ba 389.178	601.912	ppb	0.3743	0.1	9113.88
Be 313.042	-0.0033	ppb	0.0051	155.7	-118.892
Ca 370.602	58738	ppb	31.06	0.1	165073
Cd 226.502	-0.2071	ppb	0.0829	40.0	-0.8918
Co 228.615	0.1092	ppb	0.3841	351.6	-6.8488
Cr 267.716	-0.0128	ppb	0.0259	201.5	16.5872
Cu 324.754	2.7597	ppb	0.1488	5.4	346.348
Fe 271.441	29.1189	ppb	0.5498	1.9	23.5671
K 766.491	2631.52	ppb	9.2653	0.4	91530.2
Mg 279.078	34573.4	ppb	38.1477	0.1	61058.5
Mn 257.610	0.5136	ppb	0.0698	13.6	96.5918
Mo 202.032	11.3587	ppb	0.0297	0.3	74.6899
Na 330.237	53913.0	ppb	270.009	0.5	2196.90
Ni 231.604	2.8557	ppb	0.9345	32.7	6.2343
Pb 220.353	0.9880	ppb	0.4364	44.2	3.2257
Sb 206.834	159.138	ppb	1.0233	0.6	199.833
Se 196.026	1.8925	ppb	4.4727	236.3	2.3029
Sn 189.925	-1.2829	ppb	1.3473	105.0	-2.4728
Sr 216.596	474.955	ppb	1.5453	0.3	4425.57
Ti 334.941	0.2003	ppb	0.0304	15.2	-6.5731
Tl 190.794	0.7065	ppb	1.8056	255.6	-0.9075
V 292.401	1.7940	ppb	0.1841	10.3	28.6803
Zn 206.200	6.7151	ppb	0.7007	10.4	6.6809

mb 680-260624/1-a (Samp) **12/22/2012, 2:28:49 PM** **Rack 1, Tube 16**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.1077u	-0.1521u	-0.1111u
Al 308.215	4.4176	3.6415	6.2585
As 188.980	1.5283	0.0876	2.5966
B 249.678	3.9259	3.4871	3.1422
Ba 389.178	-0.0759u	-1.0785u	-0.2548u
Be 313.042	0.0229	0.0229	0.0268
Ca 370.602	-1.810u	0.6102	-3.190u
Cd 226.502	0.0500	0.0517	0.1830
Co 228.615	0.5152	0.1107	0.5590
Cr 267.716	-0.2591u	0.0001	0.0282
Cu 324.754	1.0608	1.1484	1.1353
Fe 271.441	-1.4771u	-3.3158u	-0.3088u
K 766.491	1.3854	1.5269	1.8622
Mg 279.078	2.0534	3.9663	-0.1364u
Mn 257.610	-0.0797u	-0.0900u	-0.0042u
Mo 202.032	0.3713	0.5778	0.0686
Na 330.237	-8.7427u	114.390	77.1956
Ni 231.604	-0.6929u	0.0951	0.1572
Pb 220.353	-0.0956u	0.9330	0.6494
Sb 206.834	-0.4293u	0.1509	-1.5079u
Se 196.026	-1.9851u	-5.8198u	-2.3810u
Sn 189.925	-2.5337u	0.5320	-1.6611u
Sr 216.596	-0.0645u	-0.0504u	-0.0234u
Ti 334.941	-0.1190u	-0.0137u	-0.0824u
Tl 190.794	-0.4850u	-2.9882u	4.2118
V 292.401	-0.0822u	-0.1366u	0.0090
Zn 206.200	-0.1320u	0.2872	0.2189

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1236	ppb	0.0247	20.0	-4.0502
Al 308.215	4.7726	ppb	1.3441	28.2	35.1572
As 188.980	1.4042	ppb	1.2591	89.7	-0.2335
B 249.678	3.5184	ppb	0.3928	11.2	70.3034
Ba 389.178	-0.4697	ppb	0.5347	113.8	-15.2220
Be 313.042	0.0242	ppb	0.0023	9.4	-96.1118
Ca 370.602	-1.463	ppb	1.924	131.5	25.34
Cd 226.502	0.0949	ppb	0.0763	80.4	4.2860
Co 228.615	0.3949	ppb	0.2472	62.6	-3.8826
Cr 267.716	-0.0769	ppb	0.1584	205.8	13.5595
Cu 324.754	1.1148	ppb	0.0473	4.2	250.640
Fe 271.441	-1.7006	ppb	1.5159	89.1	-13.0806
K 766.491	1.5915	ppb	0.2449	15.4	282.516
Mg 279.078	1.9611	ppb	2.0529	104.7	9.3857
Mn 257.610	-0.0580	ppb	0.0468	80.8	24.5660
Mo 202.032	0.3392	ppb	0.2561	75.5	6.5188
Na 330.237	60.9477	ppb	63.1540	103.6	2.9032
Ni 231.604	-0.1468	ppb	0.4739	322.7	-1.6975
Pb 220.353	0.4956	ppb	0.5313	107.2	2.6288
Sb 206.834	-0.5954	ppb	0.8418	141.4	3.0245
Se 196.026	-3.3953	ppb	2.1090	62.1	0.1731
Sn 189.925	-1.2209	ppb	1.5795	129.4	-2.4671
Sr 216.596	-0.0461	ppb	0.0209	45.3	0.0072
Ti 334.941	-0.0717	ppb	0.0535	74.6	-31.8251
Tl 190.794	0.2462	ppb	3.6553	1484.6	-1.1217
V 292.401	-0.0699	ppb	0.0736	105.2	-1.4234
Zn 206.200	0.1247	ppb	0.2249	180.3	-0.4998

lcs 680-260624/2-a (Samp) **12/22/2012, 2:35:15 PM** **Rack 1, Tube 17**

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

Label	Replicates Concentration		
Ag 328.068	49.3892	49.0576	49.0509
Al 308.215	5001.44	4994.29	5035.09
As 188.980	114.429	107.721	108.949
B 249.678	204.338	204.214	204.814
Ba 389.178	98.7987	98.7209	99.4573
Be 313.042	51.7210	51.6293	51.7501
Ca 370.602	4939	4945	4950
Cd 226.502	51.5812	51.2651	51.3031
Co 228.615	50.4216	51.1364	52.1130
Cr 267.716	100.766	100.537	100.636
Cu 324.754	103.522	102.733	103.720
Fe 271.441	5025.50	5004.07	5035.58
K 766.491	5158.16	5155.26	5169.84
Mg 279.078	5054.62	5048.35	5043.66
Mn 257.610	520.120	520.187	516.892
Mo 202.032	100.905	100.671	101.759
Na 330.237	4684.53	4788.85	4625.12
Ni 231.604	104.154	102.651	101.538
Pb 220.353	50.4963	52.8932	51.1159
Sb 206.834	45.1830	53.9034	51.0940
Se 196.026	99.1781	99.3802	97.0175
Sn 189.925	100.064	101.501	100.695
Sr 216.596	100.179	100.367	100.276
Ti 334.941	101.679	101.410	100.725
Tl 190.794	41.2736	38.9218	44.7543
V 292.401	102.320	101.832	102.762
Zn 206.200	102.240	100.788	102.462

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	49.1659	ppb	0.1934	0.4	2234.99
Al 308.215	5010.27	ppb	21.7911	0.4	17269.1
As 188.980	110.366	ppb	3.5712	3.2	64.3289
B 249.678	204.455	ppb	0.3168	0.2	2262.46
Ba 389.178	98.9923	ppb	0.4046	0.4	1493.50
Be 313.042	51.7002	ppb	0.0631	0.1	58700.5
Ca 370.602	4945	ppb	5.517	0.1	12438
Cd 226.502	51.3831	ppb	0.1726	0.3	1653.84
Co 228.615	51.2237	ppb	0.8491	1.7	477.876
Cr 267.716	100.646	ppb	0.1149	0.1	3681.19
Cu 324.754	103.325	ppb	0.5224	0.5	6186.72
Fe 271.441	5021.72	ppb	16.0939	0.3	5785.48
K 766.491	5161.09	ppb	7.7191	0.1	179296
Mg 279.078	5048.88	ppb	5.4995	0.1	8916.63
Mn 257.610	519.066	ppb	1.8832	0.4	30280.0
Mo 202.032	101.112	ppb	0.5726	0.6	629.795
Na 330.237	4699.50	ppb	82.8852	1.8	189.926
Ni 231.604	102.781	ppb	1.3127	1.3	237.960
Pb 220.353	51.5018	ppb	1.2442	2.4	65.6985
Sb 206.834	50.0601	ppb	4.4512	8.9	65.0831
Se 196.026	98.5253	ppb	1.3097	1.3	41.2383
Sn 189.925	100.753	ppb	0.7202	0.7	65.7756
Sr 216.596	100.274	ppb	0.0942	0.1	937.489
Ti 334.941	101.271	ppb	0.4920	0.5	9700.67
Tl 190.794	41.6499	ppb	2.9344	7.0	18.9216
V 292.401	102.305	ppb	0.4650	0.5	2073.92
Zn 206.200	101.830	ppb	0.9095	0.9	86.9284

680-85777-d-1-b (Samp) **12/22/2012, 2:41:41 PM** **Rack 1, Tube 18**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.2546u	-0.0128u	-0.2022u
Al 308.215	2.1016	2.5997	0.6026
As 188.980	-0.7564u	-0.9820u	0.4818
B 249.678	3.3508	3.8743	3.4630
Ba 389.178	65.4458	66.0024	65.6353
Be 313.042	0.0412	0.0337	0.0358
Ca 370.602	24473	24376	24327
Cd 226.502	-0.1380u	-0.0166	-0.0685u
Co 228.615	12.4571	12.1419	11.9329
Cr 267.716	0.0777	0.0973	0.0311
Cu 324.754	2.1617	2.3503	2.2718
Fe 271.441	88.3149	85.3146	82.6472
K 766.491	1590.34	1589.17	1586.28
Mg 279.078	13429.3	13461.5	13486.9
Mn 257.610	2775.98	2799.93	2833.41
Mo 202.032	0.7703	0.4145	0.4846
Na 330.237	12639.3	12626.7	12519.9
Ni 231.604	3.8929	3.3265	3.7009
Pb 220.353	-0.4006u	1.3058	-1.4197u
Sb 206.834	-3.0321u	-0.9570u	1.1638
Se 196.026	-5.1093u	4.3254	5.9888
Sn 189.925	1.3796	-1.0150u	0.2803
Sr 216.596	178.038	178.749	178.594
Ti 334.941	0.0881	0.1071	0.0326
Tl 190.794	2.6447	1.2072	-2.4383
V 292.401	0.2253u	0.0407u	0.2215u
Zn 206.200	0.3850	3.4096	1.4554

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1565	ppb	0.1272	81.3	-6.9945
Al 308.215	1.7679	ppb	1.0395	58.8	24.8172
As 188.980	-0.4189	ppb	0.7881	188.2	-1.3142
B 249.678	3.5627	ppb	0.2756	7.7	70.7438
Ba 389.178	65.6945	ppb	0.2830	0.4	994.487
Be 313.042	0.0369	ppb	0.0039	10.5	-77.9441
Ca 370.602	24392	ppb	74.05	0.3	68626
Cd 226.502	-0.0744	ppb	0.0609	81.9	1.0107
Co 228.615	12.1773	ppb	0.2639	2.2	107.869
Cr 267.716	0.0687	ppb	0.0340	49.5	19.0453
Cu 324.754	2.2612	ppb	0.0947	4.2	317.201
Fe 271.441	85.4256	ppb	2.8355	3.3	88.7031
K 766.491	1588.60	ppb	2.0884	0.1	55345.0
Mg 279.078	13459.2	ppb	28.8810	0.2	23746.4
Mn 257.610	2803.11	ppb	28.8485	1.0	163368
Mo 202.032	0.5565	ppb	0.1885	33.9	7.8590
Na 330.237	12595.3	ppb	65.5970	0.5	513.340
Ni 231.604	3.6401	ppb	0.2880	7.9	7.4908
Pb 220.353	-0.1715	ppb	1.3771	803.1	2.2148
Sb 206.834	-0.9418	ppb	2.0980	222.8	2.5961
Se 196.026	1.7350	ppb	5.9854	345.0	2.2396
Sn 189.925	0.2150	ppb	1.1986	557.6	-1.4941
Sr 216.596	178.460	ppb	0.3736	0.2	1663.34
Ti 334.941	0.0759	ppb	0.0387	51.0	-17.7454
Tl 190.794	0.4712	ppb	2.6202	556.0	0.4702
V 292.401	0.1625	ppb	0.1055	64.9	-3.5110
Zn 206.200	1.7500	ppb	1.5237	87.6	2.1041

680-85777-d-2-b (Samp) **12/22/2012, 2:48:07 PM** **Rack 1, Tube 19**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.1275u	-0.2388u	0.0029u
Al 308.215	3.3387	2.3009	1.9936
As 188.980	1.0206	0.4157	1.6711
B 249.678	3.2038	3.2587	3.2073
Ba 389.178	121.045	121.130	120.003
Be 313.042	0.0050	-0.0051u	-0.0001
Ca 370.602	24247	24326	24317
Cd 226.502	-0.0732	-0.1813	-0.1255
Co 228.615	7.1563	7.3770	7.2241
Cr 267.716	-0.1356u	-0.0079	-0.1450u
Cu 324.754	0.3049	0.0361	0.1792
Fe 271.441	1718.38	1724.70	1730.54
K 766.491	2801.69	2808.13	2803.41
Mg 279.078	11513.4	11519.1	11477.7
Mn 257.610	2885.58	2872.02	2848.28
Mo 202.032	1.0198	0.7902	1.0551
Na 330.237	12581.2	12877.0	12741.4
Ni 231.604	7.8146	7.5497	6.8150
Pb 220.353	-1.6840u	-1.5211u	1.7807
Sb 206.834	-2.8632u	-3.8288u	-0.3249u
Se 196.026	5.8693	1.5098	5.7217
Sn 189.925	-0.4216u	0.9848	2.8833
Sr 216.596	182.592	182.250	181.621
Ti 334.941	0.0589	0.0433	0.0186
Tl 190.794	-4.9585u	1.9431	1.5395
V 292.401	-0.0457u	-0.0037u	-0.1483u
Zn 206.200	3.3356	2.6093	4.2890

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1211	ppb	0.1210	99.9	-5.6980
Al 308.215	2.5444	ppb	0.7048	27.7	27.4867
As 188.980	1.0358	ppb	0.6279	60.6	-0.4520
B 249.678	3.2233	ppb	0.0307	1.0	66.1758
Ba 389.178	120.726	ppb	0.6275	0.5	1824.57
Be 313.042	-0.0001	ppb	0.0050	5692.3	-120.113
Ca 370.602	24297	ppb	43.18	0.2	67870
Cd 226.502	-0.1267	ppb	0.0541	42.7	4.6429
Co 228.615	7.2525	ppb	0.1130	1.6	61.2101
Cr 267.716	-0.0961	ppb	0.0766	79.7	13.4575
Cu 324.754	0.1734	ppb	0.1345	77.6	196.008
Fe 271.441	1724.54	ppb	6.0776	0.4	1978.67
K 766.491	2804.41	ppb	3.3371	0.1	97528.7
Mg 279.078	11503.4	ppb	22.4226	0.2	20292.3
Mn 257.610	2868.63	ppb	18.8773	0.7	167185
Mo 202.032	0.9551	ppb	0.1439	15.1	10.2552
Na 330.237	12733.2	ppb	148.047	1.2	518.708
Ni 231.604	7.3931	ppb	0.5178	7.0	16.2114
Pb 220.353	-0.4748	ppb	1.9550	411.7	1.8819
Sb 206.834	-2.3389	ppb	1.8098	77.4	0.8952
Se 196.026	4.3669	ppb	2.4754	56.7	3.3049
Sn 189.925	1.1488	ppb	1.6585	144.4	-0.8692
Sr 216.596	182.154	ppb	0.4922	0.3	1700.33
Ti 334.941	0.0403	ppb	0.0203	50.4	-21.1436
Tl 190.794	-0.4920	ppb	3.8734	787.3	-0.0862
V 292.401	-0.0659	ppb	0.0744	112.9	-7.7585
Zn 206.200	3.4113	ppb	0.8424	24.7	3.4927

680-85777-d-3-b (Samp) **12/22/2012, 2:54:34 PM** **Rack 1, Tube 20**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.2024u	-0.1617u	-0.2195u
Al 308.215	5.8536	4.9314	5.9936
As 188.980	1.6937	3.6337	-1.1947u
B 249.678	3.1104	3.0951	3.1609
Ba 389.178	121.889	120.746	122.741
Be 313.042	0.0043	-0.0015	-0.0029
Ca 370.602	24423	24397	24346
Cd 226.502	-0.1089	-0.2069	-0.0990
Co 228.615	7.1819	7.2721	7.4771
Cr 267.716	-0.1269u	-0.1709u	-0.0445u
Cu 324.754	-0.1075u	0.3496	-0.0709u
Fe 271.441	1919.62	1918.93	1917.22
K 766.491	2800.24	2790.89	2796.57
Mg 279.078	11483.5	11435.0	11490.8
Mn 257.610	2853.42	2830.48	2878.76
Mo 202.032	0.5716	0.8558	0.9810
Na 330.237	12764.4	12654.6	12783.1
Ni 231.604	7.2032	7.1900	7.0422
Pb 220.353	0.0222	-0.8492u	0.0952
Sb 206.834	-1.2842u	-4.7746u	-3.9803u
Se 196.026	-0.1084u	5.0307	1.9303
Sn 189.925	1.1994	1.1786	1.0846
Sr 216.596	182.321	181.657	182.503
Ti 334.941	0.0188	0.0602	0.1169
Tl 190.794	3.0341	1.8979	0.6022
V 292.401	-0.2498u	0.1064u	-0.1644u
Zn 206.200	1.8551	3.9236	3.9989

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1945	ppb	0.0297	15.2	-9.0645
Al 308.215	5.5929	ppb	0.5771	10.3	37.9718
As 188.980	1.3776	ppb	2.4297	176.4	-0.2494
B 249.678	3.1221	ppb	0.0345	1.1	64.9681
Ba 389.178	121.792	ppb	1.0008	0.8	1840.69
Be 313.042	-0.0000	ppb	0.0039	8076.2	-120.060
Ca 370.602	24389	ppb	39.23	0.2	68070
Cd 226.502	-0.1383	ppb	0.0596	43.1	4.9074
Co 228.615	7.3104	ppb	0.1513	2.1	61.7754
Cr 267.716	-0.1141	ppb	0.0642	56.2	12.8522
Cu 324.754	0.0570	ppb	0.2540	445.4	189.245
Fe 271.441	1918.59	ppb	1.2370	0.1	2202.47
K 766.491	2795.90	ppb	4.7096	0.2	97233.5
Mg 279.078	11469.7	ppb	30.3102	0.3	20232.9
Mn 257.610	2854.22	ppb	24.1494	0.8	166345
Mo 202.032	0.8028	ppb	0.2098	26.1	9.3051
Na 330.237	12734.0	ppb	69.4467	0.5	518.705
Ni 231.604	7.1451	ppb	0.0894	1.3	15.6405
Pb 220.353	-0.2439	ppb	0.5254	215.4	2.1722
Sb 206.834	-3.3464	ppb	1.8295	54.7	-0.3401
Se 196.026	2.2842	ppb	2.5877	113.3	2.4667
Sn 189.925	1.1542	ppb	0.0612	5.3	-0.8656
Sr 216.596	182.160	ppb	0.4458	0.2	1700.73
Ti 334.941	0.0653	ppb	0.0493	75.5	-18.7368
Tl 190.794	1.8447	ppb	1.2168	66.0	1.0280
V 292.401	-0.1026	ppb	0.1860	181.2	-8.4035
Zn 206.200	3.2592	ppb	1.2166	37.3	2.3633

680-85777-d-4-b (Samp) **12/22/2012, 3:01:01 PM** **Rack 1, Tube 21**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	0.0992	0.0359	-0.2189u
Al 308.215	4.4065	5.0895	4.7957
As 188.980	0.5937	2.3424	1.9002
B 249.678	3.7445	3.1534	3.3079
Ba 389.178	56.9278	58.1073	57.3000
Be 313.042	0.0006	-0.0043u	0.0099
Ca 370.602	21862	21867	21935
Cd 226.502	0.0439	-0.2169u	-0.2594u
Co 228.615	4.9402	5.0112	4.4368
Cr 267.716	-0.0417u	-0.0593u	-0.0702u
Cu 324.754	-0.0317u	0.2932	-0.1249u
Fe 271.441	10.3874	12.0321	11.4152
K 766.491	2005.84	1999.14	2003.25
Mg 279.078	10157.5	10177.7	10171.5
Mn 257.610	2413.86	2408.60	2394.12
Mo 202.032	-0.1658u	-0.3003u	0.0024
Na 330.237	11707.5	11911.0	11554.6
Ni 231.604	2.6981	1.5261	2.1279
Pb 220.353	-1.3304u	0.7654	-0.7032u
Sb 206.834	-3.6014u	-1.5219u	-1.2785u
Se 196.026	-0.4881u	2.1252	6.3390
Sn 189.925	2.4376	1.5374	0.3877
Sr 216.596	172.877	173.226	173.726
Ti 334.941	0.2796	0.2283	0.3460
Tl 190.794	-4.0559u	2.2952	0.1871
V 292.401	0.0298u	-0.0694u	-0.0958u
Zn 206.200	-0.5305u	2.4381	1.2202

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0279	ppb	0.1684	602.7	-1.0754
Al 308.215	4.7639	ppb	0.3426	7.2	35.1114
As 188.980	1.6121	ppb	0.9093	56.4	-0.1102
B 249.678	3.4019	ppb	0.3066	9.0	69.0278
Ba 389.178	57.4450	ppb	0.6030	1.0	866.980
Be 313.042	0.0021	ppb	0.0072	349.8	-117.882
Ca 370.602	21888	ppb	40.61	0.2	61599
Cd 226.502	-0.1441	ppb	0.1643	113.9	-1.6560
Co 228.615	4.7961	ppb	0.3131	6.5	37.8755
Cr 267.716	-0.0571	ppb	0.0144	25.2	14.4395
Cu 324.754	0.0455	ppb	0.2195	482.0	188.565
Fe 271.441	11.2782	ppb	0.8309	7.4	2.6051
K 766.491	2002.75	ppb	3.3809	0.2	69714.3
Mg 279.078	10168.9	ppb	10.3395	0.1	17940.2
Mn 257.610	2405.53	ppb	10.2244	0.4	140199
Mo 202.032	-0.1545	ppb	0.1517	98.1	3.4636
Na 330.237	11724.4	ppb	178.784	1.5	477.982
Ni 231.604	2.1174	ppb	0.5861	27.7	3.8549
Pb 220.353	-0.4227	ppb	1.0757	254.4	1.8404
Sb 206.834	-2.1339	ppb	1.2767	59.8	1.1319
Se 196.026	2.6587	ppb	3.4446	129.6	2.6115
Sn 189.925	1.4542	ppb	1.0275	70.7	-0.6659
Sr 216.596	173.276	ppb	0.4268	0.2	1614.87
Ti 334.941	0.2846	ppb	0.0590	20.7	2.2590
Tl 190.794	-0.5245	ppb	3.2348	616.7	-0.2412
V 292.401	-0.0451	ppb	0.0662	146.8	-6.8078
Zn 206.200	1.0426	ppb	1.4923	143.1	-1.4477

680-85828-h-1-b (Samp) **12/22/2012, 3:07:28 PM** **Rack 1, Tube 22**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	0.4026	-0.1602u	-0.0798u
Al 308.215	4.6059	3.6387	4.4723
As 188.980	1.7403	3.6903	0.8956
B 249.678	3.9178	4.0568	4.0900
Ba 389.178	86.8325	86.5795	87.4708
Be 313.042	0.0005	0.0026	0.0010
Ca 370.602	24011	24047	24086
Cd 226.502	-0.1145	-0.0893	0.0428
Co 228.615	10.1586	10.0964	10.4674
Cr 267.716	-0.1399u	-0.0702u	-0.2908u
Cu 324.754	0.1979	0.3068	0.4003
Fe 271.441	2569.96	2569.42	2580.79
K 766.491	1794.97	1798.57	1804.40
Mg 279.078	10651.6	10663.0	10668.3
Mn 257.610	3327.42	3335.15	3334.40
Mo 202.032	0.3444	0.0513	0.2453
Na 330.237	11443.8	11556.5	11460.8
Ni 231.604	8.2424	7.6203	7.9367
Pb 220.353	0.8187	0.9681	0.4553
Sb 206.834	-3.3665u	-1.4706u	0.2136
Se 196.026	2.5444	4.6948	-1.6098u
Sn 189.925	-0.0136	4.4642	-0.4476u
Sr 216.596	167.101	166.964	166.482
Ti 334.941	0.0960	-0.0363u	0.0749
Tl 190.794	6.7452	-1.5716	-2.5453
V 292.401	0.0006u	-0.1314u	-0.2344u
Zn 206.200	7.5111	6.9692	7.4349

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0542	ppb	0.3044	561.7	2.2418
Al 308.215	4.2390	ppb	0.5241	12.4	33.3052
As 188.980	2.1087	ppb	1.4333	68.0	0.1841
B 249.678	4.0215	ppb	0.0914	2.3	74.4484
Ba 389.178	86.9610	ppb	0.4593	0.5	1313.68
Be 313.042	0.0014	ppb	0.0011	78.6	-118.456
Ca 370.602	24048	ppb	37.50	0.2	66930
Cd 226.502	-0.0537	ppb	0.0845	157.4	9.6825
Co 228.615	10.2408	ppb	0.1987	1.9	89.6020
Cr 267.716	-0.1670	ppb	0.1128	67.5	11.0739
Cu 324.754	0.3017	ppb	0.1013	33.6	203.440
Fe 271.441	2573.39	ppb	6.4123	0.2	2957.82
K 766.491	1799.32	ppb	4.7587	0.3	62656.1
Mg 279.078	10661.0	ppb	8.5438	0.1	18800.5
Mn 257.610	3332.32	ppb	4.2649	0.1	194202
Mo 202.032	0.2137	ppb	0.1491	69.8	5.6325
Na 330.237	11487.0	ppb	60.7679	0.5	467.755
Ni 231.604	7.9331	ppb	0.3111	3.9	17.4695
Pb 220.353	0.7474	ppb	0.2637	35.3	3.4810
Sb 206.834	-1.5412	ppb	1.7911	116.2	1.8990
Se 196.026	1.8765	ppb	3.2050	170.8	2.3045
Sn 189.925	1.3343	ppb	2.7192	203.8	-0.7455
Sr 216.596	166.849	ppb	0.3249	0.2	1559.24
Ti 334.941	0.0449	ppb	0.0711	158.5	-20.6509
Tl 190.794	0.8761	ppb	5.1060	582.8	0.7557
V 292.401	-0.1218	ppb	0.1178	96.7	-9.1651
Zn 206.200	7.3051	ppb	0.2934	4.0	6.8001

680-85888-d-1-b (Samp) **12/22/2012, 3:13:56 PM** **Rack 1, Tube 23**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.2430u	-0.5079u	-0.1605u
Al 308.215	5.4190	3.6958	2.8297
As 188.980	0.9565	-0.5731u	-4.7481u
B 249.678	12.1513	11.7795	12.0336
Ba 389.178	114.048	114.162	114.460
Be 313.042	0.0299	0.0365	0.0406
Ca 370.602	25816	25796	25748
Cd 226.502	-0.2445	-0.3314	-0.1707
Co 228.615	13.3299	13.3545	13.1203
Cr 267.716	-0.0225	-0.0328	0.1765
Cu 324.754	1.8555	1.7635	1.9091
Fe 271.441	4234.68	4218.08	4216.13
K 766.491	3629.48	3638.47	3635.32
Mg 279.078	12191.6	12230.5	12214.7
Mn 257.610	3245.91	3285.08	3266.51
Mo 202.032	3.6770	3.4641	3.4079
Na 330.237	14019.7	13697.9	13804.4
Ni 231.604	5.4446	6.9633	6.5392
Pb 220.353	-1.0977u	-0.9948u	0.7179
Sb 206.834	-0.9385u	-1.1801u	-4.3213u
Se 196.026	-0.5741u	1.5726	4.2739
Sn 189.925	1.8984	0.9043	3.4739
Sr 216.596	162.446	164.441	163.568
Ti 334.941	0.0648	0.0446	-0.0177u
Tl 190.794	-2.2077	-0.7672	2.4219
V 292.401	-0.0729u	0.0140u	0.0481u
Zn 206.200	2.0398	2.3775	0.1044

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3038	ppb	0.1815	59.7	-14.3260
Al 308.215	3.9815	ppb	1.3181	33.1	32.4729
As 188.980	-1.4549	ppb	2.9528	203.0	-1.9290
B 249.678	11.9881	ppb	0.1900	1.6	160.599
Ba 389.178	114.224	ppb	0.2129	0.2	1727.21
Be 313.042	0.0357	ppb	0.0054	15.2	-79.4082
Ca 370.602	25786	ppb	34.61	0.1	71320
Cd 226.502	-0.2488	ppb	0.0804	32.3	8.9746
Co 228.615	13.2682	ppb	0.1287	1.0	118.305
Cr 267.716	0.0404	ppb	0.1180	292.0	19.0696
Cu 324.754	1.8427	ppb	0.0736	4.0	292.965
Fe 271.441	4222.96	ppb	10.1944	0.2	4860.48
K 766.491	3634.42	ppb	4.5598	0.1	126327
Mg 279.078	12212.3	ppb	19.5676	0.2	21540.6
Mn 257.610	3265.83	ppb	19.5899	0.6	190330
Mo 202.032	3.5163	ppb	0.1420	4.0	25.9944
Na 330.237	13840.6	ppb	163.980	1.2	563.346
Ni 231.604	6.3157	ppb	0.7837	12.4	13.8008
Pb 220.353	-0.4582	ppb	1.0198	222.6	2.0089
Sb 206.834	-2.1466	ppb	1.8872	87.9	1.1471
Se 196.026	1.7575	ppb	2.4292	138.2	2.2618
Sn 189.925	2.0922	ppb	1.2957	61.9	-0.2372
Sr 216.596	163.485	ppb	0.9998	0.6	1530.85
Ti 334.941	0.0306	ppb	0.0430	140.6	-22.0058
Tl 190.794	-0.1843	ppb	2.3692	1285.3	0.1023
V 292.401	-0.0036	ppb	0.0624	1735.2	-6.6900
Zn 206.200	1.5072	ppb	1.2265	81.4	1.8871

680-85888-c-2-b (Samp) **12/22/2012, 3:20:24 PM** **Rack 1, Tube 24**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.1777u	0.1016	-0.0992u
Al 308.215	3.8013	3.3252	1.3928
As 188.980	0.4705	-1.2955u	1.6840
B 249.678	10.0396	10.2190	10.1585
Ba 389.178	101.895	101.169	101.507
Be 313.042	0.0016	0.0018	0.0056
Ca 370.602	22741	22779	22752
Cd 226.502	-0.2654	-0.2156	-0.3341
Co 228.615	22.9208	22.9158	23.1262
Cr 267.716	-0.1315u	-0.1652u	-0.0421
Cu 324.754	-0.1099u	0.2743	0.1088
Fe 271.441	6723.37	6711.29	6711.29
K 766.491	1913.71	1913.37	1911.61
Mg 279.078	11028.5	11005.1	10961.8
Mn 257.610	3017.98	3005.29	2973.05
Mo 202.032	1.6423	1.6487	1.2857
Na 330.237	12445.4	12246.0	12414.4
Ni 231.604	15.7868	14.6388	15.2468
Pb 220.353	-2.3645u	0.0408	0.0038
Sb 206.834	-2.3704u	-1.4185u	-1.1895u
Se 196.026	-0.4056u	4.6500	0.1855
Sn 189.925	0.0064	1.9619	1.5409
Sr 216.596	161.560	160.334	159.353
Ti 334.941	-0.0031u	0.0063	0.1414
Tl 190.794	-1.4245	-0.7301	-1.0108
V 292.401	-0.1201u	0.0269u	-0.1470u
Zn 206.200	2.0120	1.9583	2.9860

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0584	ppb	0.1440	246.5	-3.5818
Al 308.215	2.8398	ppb	1.2755	44.9	28.5123
As 188.980	0.2864	ppb	1.4983	523.2	-0.8964
B 249.678	10.1390	ppb	0.0913	0.9	139.090
Ba 389.178	101.524	ppb	0.3633	0.4	1534.93
Be 313.042	0.0030	ppb	0.0022	74.2	-117.078
Ca 370.602	22757	ppb	19.69	0.1	62059
Cd 226.502	-0.2717	ppb	0.0595	21.9	16.0825
Co 228.615	22.9876	ppb	0.1200	0.5	210.632
Cr 267.716	-0.1129	ppb	0.0637	56.4	14.0890
Cu 324.754	0.0911	ppb	0.1927	211.6	191.235
Fe 271.441	6715.32	ppb	6.9778	0.1	7735.45
K 766.491	1912.90	ppb	1.1257	0.1	66597.0
Mg 279.078	10998.5	ppb	33.8450	0.3	19399.7
Mn 257.610	2998.78	ppb	23.1650	0.8	174770
Mo 202.032	1.5256	ppb	0.2078	13.6	13.5725
Na 330.237	12368.6	ppb	107.300	0.9	502.890
Ni 231.604	15.2241	ppb	0.5743	3.8	34.5564
Pb 220.353	-0.7733	ppb	1.3781	178.2	1.6377
Sb 206.834	-1.6595	ppb	0.6262	37.7	1.8069
Se 196.026	1.4766	ppb	2.7641	187.2	2.1566
Sn 189.925	1.1697	ppb	1.0292	88.0	-0.8561
Sr 216.596	160.416	ppb	1.1058	0.7	1505.92
Ti 334.941	0.0482	ppb	0.0808	167.7	-20.1900
Tl 190.794	-1.0551	ppb	0.3493	33.1	-0.5966
V 292.401	-0.0801	ppb	0.0936	116.9	-6.5440
Zn 206.200	2.3188	ppb	0.5785	24.9	2.5659

680-85888-c-5-b (Samp) **12/22/2012, 3:39:40 PM** **Rack 1, Tube 27**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	0.0162u	-0.1300u	-0.4216u
Al 308.215	4.8463	1.9493	2.5321
As 188.980	2.1725	0.9735	-2.5265u
B 249.678	9.0134	8.5184	8.3656
Ba 389.178	82.5550	82.4428	83.0379
Be 313.042	0.0035	0.0098	0.0029
Ca 370.602	17349	17348	17292
Cd 226.502	-0.1143u	0.0191	-0.0508
Co 228.615	17.8626	18.4516	18.4168
Cr 267.716	-0.0989u	0.0515	-0.0422u
Cu 324.754	0.2104	-0.0895u	-0.1839u
Fe 271.441	113.359	118.046	109.664
K 766.491	1221.97	1227.72	1222.75
Mg 279.078	8334.03	8316.10	8322.65
Mn 257.610	2354.52	2334.54	2351.16
Mo 202.032	0.4106	0.4085	0.6904
Na 330.237	7762.86	7917.47	7878.16
Ni 231.604	5.2853	4.1397	4.9877
Pb 220.353	0.3336	1.1818	0.2914
Sb 206.834	-1.6619u	-5.7854u	-0.9290u
Se 196.026	3.6108	0.9830	-0.6682u
Sn 189.925	1.6473	0.8170	3.0066
Sr 216.596	122.756	123.326	123.243
Ti 334.941	0.1230	0.0321	0.0280
Tl 190.794	-0.7663	-3.3535u	-2.1318
V 292.401	-0.2779u	-0.0724u	-0.0778u
Zn 206.200	3.8024	3.5295	2.0379

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1785	ppb	0.2229	124.9	-7.5484
Al 308.215	3.1092	ppb	1.5323	49.3	29.4205
As 188.980	0.2065	ppb	2.4416	1182.4	-0.9435
B 249.678	8.6325	ppb	0.3386	3.9	126.105
Ba 389.178	82.6785	ppb	0.3162	0.4	1247.15
Be 313.042	0.0054	ppb	0.0038	71.2	-114.838
Ca 370.602	17330	ppb	32.87	0.2	48759
Cd 226.502	-0.0487	ppb	0.0667	137.1	1.3821
Co 228.615	18.2437	ppb	0.3305	1.8	165.413
Cr 267.716	-0.0299	ppb	0.0759	254.1	15.4034
Cu 324.754	-0.0210	ppb	0.2059	980.2	184.711
Fe 271.441	113.690	ppb	4.2010	3.7	121.605
K 766.491	1224.15	ppb	3.1199	0.3	42700.1
Mg 279.078	8324.26	ppb	9.0722	0.1	14683.2
Mn 257.610	2346.74	ppb	10.6953	0.5	136772
Mo 202.032	0.5032	ppb	0.1621	32.2	7.5282
Na 330.237	7852.83	ppb	80.3566	1.0	320.193
Ni 231.604	4.8042	ppb	0.5944	12.4	10.0546
Pb 220.353	0.6023	ppb	0.5023	83.4	3.1026
Sb 206.834	-2.7921	ppb	2.6180	93.8	0.3168
Se 196.026	1.3085	ppb	2.1580	164.9	2.0680
Sn 189.925	1.8236	ppb	1.1054	60.6	-0.4214
Sr 216.596	123.108	ppb	0.3081	0.3	1147.60
Ti 334.941	0.0610	ppb	0.0537	88.0	-19.1393
Tl 190.794	-2.0839	ppb	1.2942	62.1	-1.0109
V 292.401	-0.1427	ppb	0.1171	82.1	-8.2271
Zn 206.200	3.1233	ppb	0.9498	30.4	3.1912

680-85888-c-6-b (Samp) **12/22/2012, 3:46:06 PM** **Rack 1, Tube 28**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	0.0014u	0.1249	-0.0331u
Al 308.215	3.4203	-0.1675u	1.6645
As 188.980	5.0749	3.1897	3.2620
B 249.678	7.2142	7.4329	7.1741
Ba 389.178	81.5208	81.1013	82.1817
Be 313.042	0.0047	0.0025	0.0045
Ca 370.602	17151	17172	17194
Cd 226.502	-0.0903u	-0.1112u	0.0223
Co 228.615	17.4471	17.5539	17.8192
Cr 267.716	-0.0699u	0.0206	-0.0842u
Cu 324.754	0.1877	0.2627	0.4077
Fe 271.441	108.924	104.332	105.338
K 766.491	1214.01	1214.28	1212.28
Mg 279.078	8304.28	8322.36	8319.09
Mn 257.610	2358.76	2379.67	2359.26
Mo 202.032	0.7293	0.8474	0.4764
Na 330.237	7457.30	7467.41	7601.28
Ni 231.604	4.7496	4.1430	5.2908
Pb 220.353	-2.5454u	1.4724	-0.7736u
Sb 206.834	-1.7367u	0.6443	-4.1117u
Se 196.026	1.0514	5.9967	2.2696
Sn 189.925	0.0385	2.0065	0.9955
Sr 216.596	122.802	123.599	122.650
Ti 334.941	0.0269	0.0384	0.0856
Tl 190.794	-2.6878u	5.9846	0.8228
V 292.401	-0.1673u	-0.0758u	0.0693u
Zn 206.200	3.4602	3.2337	2.9687

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0311	ppb	0.0831	267.5	1.9759
Al 308.215	1.6391	ppb	1.7940	109.5	24.3692
As 188.980	3.8422	ppb	1.0681	27.8	1.2115
B 249.678	7.2738	ppb	0.1393	1.9	111.268
Ba 389.178	81.6013	ppb	0.5447	0.7	1230.86
Be 313.042	0.0039	ppb	0.0012	30.5	-116.505
Ca 370.602	17172	ppb	21.90	0.1	48319
Cd 226.502	-0.0597	ppb	0.0718	120.3	1.0003
Co 228.615	17.6067	ppb	0.1916	1.1	159.363
Cr 267.716	-0.0445	ppb	0.0568	127.6	14.8659
Cu 324.754	0.2860	ppb	0.1118	39.1	202.540
Fe 271.441	106.198	ppb	2.4136	2.3	112.929
K 766.491	1213.53	ppb	1.0879	0.1	42331.6
Mg 279.078	8315.24	ppb	9.6354	0.1	14667.3
Mn 257.610	2365.90	ppb	11.9313	0.5	137888
Mo 202.032	0.6844	ppb	0.1896	27.7	8.6495
Na 330.237	7508.66	ppb	80.3674	1.1	306.163
Ni 231.604	4.7278	ppb	0.5742	12.1	9.8762
Pb 220.353	-0.6155	ppb	2.0136	327.1	1.5917
Sb 206.834	-1.7347	ppb	2.3780	137.1	1.6166
Se 196.026	3.1059	ppb	2.5766	83.0	2.7919
Sn 189.925	1.0135	ppb	0.9841	97.1	-0.9636
Sr 216.596	123.017	ppb	0.5099	0.4	1146.73
Ti 334.941	0.0503	ppb	0.0311	61.8	-20.1637
Tl 190.794	1.3732	ppb	4.3623	317.7	0.6553
V 292.401	-0.0579	ppb	0.1193	206.1	-6.5160
Zn 206.200	3.2209	ppb	0.2460	7.6	3.2741

680-85925-a-1-b (Samp) **12/22/2012, 3:52:31 PM** **Rack 1, Tube 29**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.1134u	0.0429	-0.1707u
Al 308.215	309.748	309.495	311.058
As 188.980	2.0035	1.0710	-1.9943u
B 249.678	9.2795	9.4312	9.2578
Ba 389.178	14.7828	15.3587	15.1273
Be 313.042	0.0202	0.0253	0.0229
Ca 370.602	8382	8399	8417
Cd 226.502	-0.0460	-0.0901u	-0.0909u
Co 228.615	3.6796	3.8054	3.4434
Cr 267.716	0.1800	0.2073	0.1301
Cu 324.754	3.5363	3.5848	3.5122
Fe 271.441	470.809	469.220	475.310
K 766.491	3009.62	3016.83	3001.17
Mg 279.078	2659.29	2657.12	2654.29
Mn 257.610	1529.63	1526.83	1511.38
Mo 202.032	1.6273	1.7408	1.3097
Na 330.237	4955.38	5230.70	4917.81
Ni 231.604	4.1989	3.1660	4.0589
Pb 220.353	-1.1575u	1.5876	0.4974
Sb 206.834	-2.2269u	-2.3505u	-2.1032u
Se 196.026	4.9649	1.0492	1.6633
Sn 189.925	1.7292	1.2994	0.9131
Sr 216.596	68.2851	68.8665	68.0721
Ti 334.941	8.4963	8.5967	8.3744
Tl 190.794	-2.2888u	-0.2749	1.8734
V 292.401	0.0675u	0.1715	0.7307
Zn 206.200	9.3153	9.9336	10.0665

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0804	ppb	0.1106	137.5	-2.6966
Al 308.215	310.101	ppb	0.8389	0.3	1086.06
As 188.980	0.3601	ppb	2.0916	580.9	-0.8527
B 249.678	9.3228	ppb	0.0945	1.0	133.461
Ba 389.178	15.0896	ppb	0.2898	1.9	221.500
Be 313.042	0.0228	ppb	0.0025	11.1	-96.4412
Ca 370.602	8399	ppb	17.23	0.2	23534
Cd 226.502	-0.0757	ppb	0.0257	33.9	1.0379
Co 228.615	3.6428	ppb	0.1838	5.0	27.0697
Cr 267.716	0.1724	ppb	0.0392	22.7	22.8231
Cu 324.754	3.5444	ppb	0.0370	1.0	391.817
Fe 271.441	471.780	ppb	3.1589	0.7	533.372
K 766.491	3009.21	ppb	7.8343	0.3	104634
Mg 279.078	2656.90	ppb	2.5059	0.1	4683.06
Mn 257.610	1522.62	ppb	9.8280	0.6	88747.6
Mo 202.032	1.5593	ppb	0.2234	14.3	14.0538
Na 330.237	5034.63	ppb	170.838	3.4	205.390
Ni 231.604	3.8079	ppb	0.5603	14.7	7.5890
Pb 220.353	0.3092	ppb	1.3822	447.0	2.6183
Sb 206.834	-2.2269	ppb	0.1236	5.6	1.0138
Se 196.026	2.5592	ppb	2.1059	82.3	2.5728
Sn 189.925	1.3139	ppb	0.4082	31.1	-0.7665
Sr 216.596	68.4079	ppb	0.4112	0.6	638.434
Ti 334.941	8.4891	ppb	0.1113	1.3	790.131
Tl 190.794	-0.2301	ppb	2.0814	904.5	-0.5761
V 292.401	0.3232	ppb	0.3567	110.3	3.5108
Zn 206.200	9.7718	ppb	0.4009	4.1	8.7657

680-85925-d-3-d (Samp) **12/22/2012, 3:58:57 PM** **Rack 1, Tube 30**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.0375u	-0.2274u	0.1924
Al 308.215	21.6525	21.5429	19.2372
As 188.980	1.6952	0.0125	0.7230
B 249.678	18.3301	18.6517	18.5218
Ba 389.178	47.3694	46.9286	48.0520
Be 313.042	0.0072	0.0050	0.0099
Ca 370.602	6800	6757	6790
Cd 226.502	0.0835	0.0520	-0.0799u
Co 228.615	0.5638	0.3745	0.5576
Cr 267.716	0.0216	-0.1218u	-0.0056u
Cu 324.754	0.2810	0.2449	0.3076
Fe 271.441	3.0004	5.1068	0.5671
K 766.491	2220.04	2227.00	2261.69
Mg 279.078	2351.29	2357.94	2362.93
Mn 257.610	961.153	975.537	975.518
Mo 202.032	0.3619	0.5533	0.3512
Na 330.237	7654.68	7682.47	7747.23
Ni 231.604	0.4052	0.8637	0.5214
Pb 220.353	0.3915	-0.7005u	0.7620
Sb 206.834	-2.8486u	-0.6234u	-0.8807u
Se 196.026	0.4561	-2.5710u	3.4462
Sn 189.925	-0.2409u	1.4965	1.7981
Sr 216.596	78.9415	78.4474	78.6874
Ti 334.941	-0.0447u	-0.0410u	0.0293
Tl 190.794	-0.3098	-3.4597u	3.4910
V 292.401	0.0605u	-0.1182u	0.2658
Zn 206.200	3.1077	3.2394	2.9581

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0242	ppb	0.2102	870.1	-0.1247
Al 308.215	20.8109	ppb	1.3640	6.6	90.3638
As 188.980	0.8102	ppb	0.8447	104.3	-0.5857
B 249.678	18.5012	ppb	0.1618	0.9	233.961
Ba 389.178	47.4500	ppb	0.5660	1.2	710.367
Be 313.042	0.0074	ppb	0.0025	33.7	-114.519
Ca 370.602	6782	ppb	22.39	0.3	19115
Cd 226.502	0.0185	ppb	0.0867	468.2	2.3418
Co 228.615	0.4987	ppb	0.1076	21.6	-2.9048
Cr 267.716	-0.0353	ppb	0.0761	215.9	15.1752
Cu 324.754	0.2778	ppb	0.0314	11.3	202.056
Fe 271.441	2.8914	ppb	2.2718	78.6	-7.6486
K 766.491	2236.25	ppb	22.3117	1.0	77815.8
Mg 279.078	2357.39	ppb	5.8383	0.2	4159.55
Mn 257.610	970.736	ppb	8.2988	0.9	56591.3
Mo 202.032	0.4221	ppb	0.1137	26.9	7.0319
Na 330.237	7694.79	ppb	47.4891	0.6	314.007
Ni 231.604	0.5968	ppb	0.2383	39.9	0.0996
Pb 220.353	0.1510	ppb	0.7603	503.5	2.3427
Sb 206.834	-1.4509	ppb	1.2173	83.9	1.9678
Se 196.026	0.4438	ppb	3.0086	678.0	1.7193
Sn 189.925	1.0179	ppb	1.1005	108.1	-0.9644
Sr 216.596	78.6921	ppb	0.2471	0.3	733.425
Ti 334.941	-0.0188	ppb	0.0417	221.7	-26.9017
Tl 190.794	-0.0928	ppb	3.4804	3748.8	-0.7800
V 292.401	0.0693	ppb	0.1922	277.1	-0.8091
Zn 206.200	3.1017	ppb	0.1407	4.5	3.0754

680-85925-d-3-dSD^5 (Samp) **12/22/2012, 4:05:24 PM** **Rack 1, Tube 31**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.4079u	-0.2866u	-0.2553u
Al 308.215	2.8313	4.1304	2.6259
As 188.980	-3.6863u	0.6817	1.2219
B 249.678	4.0743	3.7444	3.9345
Ba 389.178	9.6968	9.7122	9.4842
Be 313.042	0.0086	0.0054	0.0077
Ca 370.602	1375	1376	1368
Cd 226.502	0.0632	0.0199	0.0089
Co 228.615	0.7998	0.6282	0.4933
Cr 267.716	-0.1152u	-0.1488u	-0.0870u
Cu 324.754	0.2051	-0.0658u	-0.2277u
Fe 271.441	1.0827	2.7502	-0.9225u
K 766.491	455.718	456.814	451.448
Mg 279.078	483.299	481.625	477.910
Mn 257.610	198.828	197.211	193.968
Mo 202.032	-0.3498u	-0.2609u	-0.1290u
Na 330.237	1660.62	1660.27	1364.70
Ni 231.604	0.4779	-0.3425u	-0.0017
Pb 220.353	1.1775	-0.6913u	-2.1506u
Sb 206.834	0.1954	-0.1480u	-2.5023u
Se 196.026	0.1491	0.4953	-8.3743u
Sn 189.925	2.2977	0.2793	-0.7408u
Sr 216.596	16.0510	15.7054	15.9668
Ti 334.941	-0.0311u	-0.0238u	-0.0497u
Tl 190.794	-1.9255u	3.8961	-2.8721u
V 292.401	-0.0509u	-0.0136u	-0.1076u
Zn 206.200	0.0731	0.6000	0.3264

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3166	ppb	0.0806	25.5	-12.9456
Al 308.215	3.1959	ppb	0.8158	25.5	29.7239
As 188.980	-0.5942	ppb	2.6914	452.9	-1.4180
B 249.678	3.9177	ppb	0.1656	4.2	74.6645
Ba 389.178	9.6311	ppb	0.1274	1.3	137.711
Be 313.042	0.0072	ppb	0.0016	22.5	-115.241
Ca 370.602	1373	ppb	4.668	0.3	3892
Cd 226.502	0.0307	ppb	0.0287	93.7	2.3485
Co 228.615	0.6404	ppb	0.1536	24.0	-1.5438
Cr 267.716	-0.1170	ppb	0.0309	26.4	12.1215
Cu 324.754	-0.0295	ppb	0.2187	741.8	184.203
Fe 271.441	0.9701	ppb	1.8389	189.6	-9.9539
K 766.491	454.660	ppb	2.8348	0.6	16002.1
Mg 279.078	480.944	ppb	2.7581	0.6	853.334
Mn 257.610	196.669	ppb	2.4751	1.3	11487.6
Mo 202.032	-0.2466	ppb	0.1111	45.1	2.8944
Na 330.237	1561.86	ppb	170.751	10.9	64.0706
Ni 231.604	0.0446	ppb	0.4121	924.7	-1.2382
Pb 220.353	-0.5548	ppb	1.6682	300.7	1.3562
Sb 206.834	-0.8183	ppb	1.4685	179.5	2.7544
Se 196.026	-2.5767	ppb	5.0239	195.0	0.5029
Sn 189.925	0.6120	ppb	1.5463	252.7	-1.2396
Sr 216.596	15.9077	ppb	0.1802	1.1	148.619
Ti 334.941	-0.0349	ppb	0.0134	38.3	-28.3170
Tl 190.794	-0.3005	ppb	3.6651	1219.7	-1.2824
V 292.401	-0.0573	ppb	0.0473	82.6	-1.5629
Zn 206.200	0.3332	ppb	0.2635	79.1	0.6854

680-85925-d-3-dPDS (Samp) **12/22/2012, 4:11:50 PM** **Rack 1, Tube 32**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	49.9867	49.7922	50.3963
Al 308.215	2012.56	2009.12	1991.46
As 188.980	2090.89	2081.62	2096.46
B 249.678	1020.20	1023.72	1027.36
Ba 389.178	2061.25	2060.85	2058.59
Be 313.042	51.2268	51.2771	51.2767
Ca 370.602	11464	11458	11407
Cd 226.502	50.7010	51.0595	50.9884
Co 228.615	519.185	518.200	515.286
Cr 267.716	200.314	200.155	200.305
Cu 324.754	252.921	254.139	255.011
Fe 271.441	1025.55	1023.08	1023.39
K 766.491	7491.22	7472.37	7468.17
Mg 279.078	7362.53	7368.50	7366.82
Mn 257.610	1459.83	1461.09	1480.07
Mo 202.032	501.167	503.720	502.259
Na 330.237	12743.2	12802.1	12749.6
Ni 231.604	512.151	506.404	509.388
Pb 220.353	508.477	505.756	504.073
Sb 206.834	497.350	491.952	495.572
Se 196.026	2048.74	2041.49	2040.91
Sn 189.925	1015.66	1016.39	1008.99
Sr 216.596	581.296	582.811	582.279
Ti 334.941	984.199	983.915	996.628
Tl 190.794	2132.55	2113.14	2093.07
V 292.401	504.491	504.216	502.805
Zn 206.200	504.722	503.006	503.407

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	50.0584	ppb	0.3084	0.6	2273.31
Al 308.215	2004.38	ppb	11.3218	0.6	6947.40
As 188.980	2089.65	ppb	7.4975	0.4	1237.45
B 249.678	1023.76	ppb	3.5767	0.3	11213.7
Ba 389.178	2060.23	ppb	1.4378	0.1	31135.5
Be 313.042	51.2602	ppb	0.0290	0.1	58225.1
Ca 370.602	11443	ppb	31.02	0.3	31971
Cd 226.502	50.9163	ppb	0.1898	0.4	1626.15
Co 228.615	517.557	ppb	2.0272	0.4	4907.55
Cr 267.716	200.258	ppb	0.0896	0.0	7304.71
Cu 324.754	254.024	ppb	1.0494	0.4	14951.7
Fe 271.441	1024.01	ppb	1.3453	0.1	1214.11
K 766.491	7477.25	ppb	12.2768	0.2	259657
Mg 279.078	7365.95	ppb	3.0796	0.0	12999.4
Mn 257.610	1467.00	ppb	11.3356	0.8	85512.6
Mo 202.032	502.382	ppb	1.2811	0.3	3112.13
Na 330.237	12765.0	ppb	32.3210	0.3	514.020
Ni 231.604	509.314	ppb	2.8745	0.6	1184.34
Pb 220.353	506.102	ppb	2.2219	0.4	628.316
Sb 206.834	494.958	ppb	2.7513	0.6	609.900
Se 196.026	2043.71	ppb	4.3609	0.2	824.662
Sn 189.925	1013.68	ppb	4.0763	0.4	676.699
Sr 216.596	582.129	ppb	0.7684	0.1	5396.38
Ti 334.941	988.247	ppb	7.2589	0.7	94868.4
Tl 190.794	2112.92	ppb	19.7381	0.9	1020.95
V 292.401	503.837	ppb	0.9047	0.2	10220.3
Zn 206.200	503.712	ppb	0.8979	0.2	429.138

680-85925-d-3-e ms (Samp) **12/22/2012, 4:18:17 PM** **Rack 1, Tube 33**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	48.8090	49.0483	48.8821
Al 308.215	4956.18	4964.87	4980.88
As 188.980	104.720	108.680	107.424
B 249.678	222.366	223.278	220.485
Ba 389.178	145.916	145.746	146.401
Be 313.042	51.7408	51.7135	51.5856
Ca 370.602	11648	11661	11639
Cd 226.502	50.8159	50.7569	50.7875
Co 228.615	51.5442	52.0287	50.7444
Cr 267.716	100.310	100.139	99.7177
Cu 324.754	100.738	100.877	101.571
Fe 271.441	4995.10	4991.84	4973.13
K 766.491	7413.88	7402.43	7385.58
Mg 279.078	7394.19	7392.12	7365.13
Mn 257.610	1495.35	1489.67	1476.99
Mo 202.032	100.064	100.311	99.8554
Na 330.237	12293.5	12242.5	12501.3
Ni 231.604	101.877	102.418	101.364
Pb 220.353	50.8694	48.5284	50.7826
Sb 206.834	49.9004	46.6930	47.6056
Se 196.026	103.001	101.734	104.068
Sn 189.925	101.709	104.366	101.005
Sr 216.596	179.948	179.146	178.401
Ti 334.941	101.536	101.055	100.232
Tl 190.794	41.4069	39.9411	44.7166
V 292.401	101.662	101.383	101.343
Zn 206.200	102.708	101.008	101.793

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	48.9131	ppb	0.1226	0.3	2222.91
Al 308.215	4967.31	ppb	12.5298	0.3	17121.2
As 188.980	106.941	ppb	2.0237	1.9	62.2988
B 249.678	222.043	ppb	1.4244	0.6	2454.59
Ba 389.178	146.021	ppb	0.3403	0.2	2205.59
Be 313.042	51.6800	ppb	0.0828	0.2	58678.2
Ca 370.602	11650	ppb	11.09	0.1	31318
Cd 226.502	50.7868	ppb	0.0295	0.1	1635.21
Co 228.615	51.4391	ppb	0.6486	1.3	479.922
Cr 267.716	100.056	ppb	0.3048	0.3	3659.78
Cu 324.754	101.062	ppb	0.4466	0.4	6055.35
Fe 271.441	4986.69	ppb	11.8541	0.2	5745.16
K 766.491	7400.63	ppb	14.2368	0.2	256998
Mg 279.078	7383.81	ppb	16.2134	0.2	13030.6
Mn 257.610	1487.34	ppb	9.4011	0.6	86699.6
Mo 202.032	100.077	ppb	0.2281	0.2	623.396
Na 330.237	12345.7	ppb	137.073	1.1	501.563
Ni 231.604	101.886	ppb	0.5268	0.5	235.943
Pb 220.353	50.0601	ppb	1.3273	2.7	64.0529
Sb 206.834	48.0663	ppb	1.6526	3.4	62.6298
Se 196.026	102.935	ppb	1.1682	1.1	43.0140
Sn 189.925	102.360	ppb	1.7724	1.7	66.8552
Sr 216.596	179.165	ppb	0.7736	0.4	1672.34
Ti 334.941	100.941	ppb	0.6592	0.7	9668.79
Tl 190.794	42.0215	ppb	2.4464	5.8	19.6060
V 292.401	101.462	ppb	0.1736	0.2	2054.64
Zn 206.200	101.837	ppb	0.8507	0.8	86.9739

680-85925-d-3-f msd (Samp) **12/22/2012, 4:24:44 PM** **Rack 1, Tube 34**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	48.5085	48.2236	48.4007
Al 308.215	4949.07	4993.08	4953.08
As 188.980	102.709	105.603	101.918
B 249.678	218.164	216.380	217.246
Ba 389.178	144.315	145.297	144.113
Be 313.042	51.1502	51.1484	51.2564
Ca 370.602	11614	11584	11566
Cd 226.502	50.1000	50.1813	49.9574
Co 228.615	50.1645	50.5951	51.2099
Cr 267.716	98.8238	99.0569	99.2991
Cu 324.754	100.708	99.3047	101.129
Fe 271.441	4950.11	4956.17	4946.37
K 766.491	7322.63	7350.25	7351.41
Mg 279.078	7313.65	7294.92	7314.21
Mn 257.610	1463.64	1453.69	1469.45
Mo 202.032	99.3514	100.095	98.6825
Na 330.237	12274.0	11980.1	12211.1
Ni 231.604	101.248	100.380	101.169
Pb 220.353	52.0754	49.3187	49.5264
Sb 206.834	47.1304	49.2288	45.1263
Se 196.026	104.198	101.686	98.8701
Sn 189.925	99.8340	100.020	98.0670
Sr 216.596	176.047	175.776	176.752
Ti 334.941	99.2961	98.5757	99.6035
Tl 190.794	39.1710	43.6582	31.3771
V 292.401	100.332	100.579	101.269
Zn 206.200	99.4017	103.836	101.299

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	48.3776	ppb	0.1438	0.3	2198.59
Al 308.215	4965.08	ppb	24.3310	0.5	17113.5
As 188.980	103.410	ppb	1.9396	1.9	60.2061
B 249.678	217.263	ppb	0.8918	0.4	2402.40
Ba 389.178	144.575	ppb	0.6335	0.4	2183.67
Be 313.042	51.1850	ppb	0.0618	0.1	58115.1
Ca 370.602	11588	ppb	24.28	0.2	31154
Cd 226.502	50.0796	ppb	0.1133	0.2	1612.59
Co 228.615	50.6565	ppb	0.5254	1.0	472.517
Cr 267.716	99.0599	ppb	0.2377	0.2	3623.53
Cu 324.754	100.381	ppb	0.9553	1.0	6015.74
Fe 271.441	4950.88	ppb	4.9420	0.1	5703.81
K 766.491	7341.43	ppb	16.2917	0.2	254945
Mg 279.078	7307.60	ppb	10.9806	0.2	12896.2
Mn 257.610	1462.26	ppb	7.9696	0.5	85238.6
Mo 202.032	99.3764	ppb	0.7068	0.7	619.062
Na 330.237	12155.1	ppb	154.751	1.3	493.804
Ni 231.604	100.932	ppb	0.4799	0.5	233.721
Pb 220.353	50.3068	ppb	1.5352	3.1	64.3600
Sb 206.834	47.1618	ppb	2.0514	4.3	61.5255
Se 196.026	101.585	ppb	2.6652	2.6	42.4702
Sn 189.925	99.3071	ppb	1.0779	1.1	64.8122
Sr 216.596	176.192	ppb	0.5038	0.3	1644.65
Ti 334.941	99.1584	ppb	0.5275	0.5	9497.64
Tl 190.794	38.0688	ppb	6.2143	16.3	17.6896
V 292.401	100.727	ppb	0.4855	0.5	2039.86
Zn 206.200	101.513	ppb	2.2350	2.2	86.6999

680-85925-a-4-b (Samp) **12/22/2012, 4:31:11 PM** **Rack 1, Tube 35**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.2980u	0.1885	-0.0686u
Al 308.215	7.4368	5.0641	6.6319
As 188.980	-3.2010u	3.3589	1.1353
B 249.678	11.3768	11.7040	10.9975
Ba 389.178	27.6731	27.1546	26.4766
Be 313.042	0.0291	0.0241	0.0323
Ca 370.602	1761	1768	1762
Cd 226.502	-0.0280	0.0359	-0.0185
Co 228.615	1.1539	1.3690	1.1714
Cr 267.716	-0.0260u	-0.0029	0.0456
Cu 324.754	2.4102	2.7661	2.6222
Fe 271.441	255.473	256.721	252.170
K 766.491	1985.79	1986.44	1971.58
Mg 279.078	848.216	843.399	836.822
Mn 257.610	440.819	446.269	439.484
Mo 202.032	0.9079	0.5791	0.7426
Na 330.237	7261.70	7243.23	7461.05
Ni 231.604	1.4884	1.0281	1.1236
Pb 220.353	-0.0123	-0.4174u	2.0872
Sb 206.834	-2.2115u	-0.6771u	-2.9787u
Se 196.026	2.5077	-2.4712u	-3.8278u
Sn 189.925	2.4548	2.1571	2.6792
Sr 216.596	29.7312	29.2778	29.6923
Ti 334.941	0.1449	0.2116	0.1860
Tl 190.794	-2.3800u	-2.2497u	-1.9912u
V 292.401	0.2146	-0.1847u	0.1582
Zn 206.200	30.5047	31.5401	29.7592

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0594	ppb	0.2433	409.9	-1.3985
Al 308.215	6.3776	ppb	1.2066	18.9	40.6921
As 188.980	0.4311	ppb	3.3362	773.9	-0.8104
B 249.678	11.3595	ppb	0.3536	3.1	155.818
Ba 389.178	27.1014	ppb	0.6000	2.2	402.066
Be 313.042	0.0285	ppb	0.0041	14.4	-91.4211
Ca 370.602	1764	ppb	4.077	0.2	4921
Cd 226.502	-0.0035	ppb	0.0345	978.0	2.0934
Co 228.615	1.2314	ppb	0.1195	9.7	4.0551
Cr 267.716	0.0055	ppb	0.0366	661.1	16.7205
Cu 324.754	2.5995	ppb	0.1791	6.9	336.839
Fe 271.441	254.788	ppb	2.3515	0.9	282.806
K 766.491	1981.27	ppb	8.3990	0.4	68969.1
Mg 279.078	842.812	ppb	5.7199	0.7	1490.05
Mn 257.610	442.191	ppb	3.5945	0.8	25793.6
Mo 202.032	0.7432	ppb	0.1644	22.1	9.0069
Na 330.237	7321.99	ppb	120.778	1.6	298.683
Ni 231.604	1.2134	ppb	0.2429	20.0	1.4975
Pb 220.353	0.5525	ppb	1.3444	243.3	2.7686
Sb 206.834	-1.9557	ppb	1.1719	59.9	1.3481
Se 196.026	-1.2638	ppb	3.3359	264.0	1.0324
Sn 189.925	2.4304	ppb	0.2619	10.8	-0.0211
Sr 216.596	29.5671	ppb	0.2513	0.8	276.178
Ti 334.941	0.1808	ppb	0.0336	18.6	-7.7417
Tl 190.794	-2.2070	ppb	0.1979	9.0	-2.0931
V 292.401	0.0627	ppb	0.2161	344.7	0.4455
Zn 206.200	30.6013	ppb	0.8943	2.9	26.4894

680-85925-a-5-b (Samp) **12/22/2012, 4:37:39 PM** **Rack 1, Tube 36**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.2500u	-0.0350u	-0.0167u
Al 308.215	1.8484	1.0637	2.3796
As 188.980	3.8826	2.9028	-1.4975u
B 249.678	23.3511	23.8332	24.1068
Ba 389.178	72.8811	72.7401	72.9708
Be 313.042	0.1358	0.1364	0.1438
Ca 370.602	12958	12982	12997
Cd 226.502	0.0282	-0.0059	-0.1361u
Co 228.615	0.0391	0.4627	0.7944
Cr 267.716	1.5288	1.6188	1.5828
Cu 324.754	8.0077	7.9795	8.0080
Fe 271.441	2.1817	-2.4072u	3.5481
K 766.491	2236.15	2233.00	2231.50
Mg 279.078	6351.83	6334.64	6340.64
Mn 257.610	34.8031	34.5665	34.5202
Mo 202.032	-0.1771u	-0.0154u	-0.1524u
Na 330.237	9446.89	9599.06	9614.51
Ni 231.604	39.9647	39.8043	40.6369
Pb 220.353	0.5583	1.9130	2.2444
Sb 206.834	-0.6549u	-1.4959u	-3.8072u
Se 196.026	-1.4025u	-0.1059u	0.4210
Sn 189.925	0.2927	1.3873	-0.5985u
Sr 216.596	124.116	124.022	124.276
Ti 334.941	-0.0061u	0.0359	0.0146
Tl 190.794	-1.5254u	-0.3049u	3.8873
V 292.401	0.4185	0.5573	0.6321
Zn 206.200	65.0940	64.9686	63.7064

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1006	ppb	0.1297	129.0	-3.9673
Al 308.215	1.7639	ppb	0.6620	37.5	24.8201
As 188.980	1.7627	ppb	2.8655	162.6	-0.0209
B 249.678	23.7637	ppb	0.3826	1.6	291.443
Ba 389.178	72.8640	ppb	0.1163	0.2	1097.46
Be 313.042	0.1387	ppb	0.0044	3.2	36.2345
Ca 370.602	12979	ppb	19.70	0.2	36500
Cd 226.502	-0.0379	ppb	0.0867	228.5	1.0203
Co 228.615	0.4321	ppb	0.3786	87.6	-3.5191
Cr 267.716	1.5768	ppb	0.0453	2.9	73.8872
Cu 324.754	7.9984	ppb	0.0164	0.2	650.232
Fe 271.441	1.1075	ppb	3.1196	281.7	-9.5800
K 766.491	2233.55	ppb	2.3742	0.1	77722.1
Mg 279.078	6342.37	ppb	8.7222	0.1	11205.5
Mn 257.610	34.6299	ppb	0.1517	0.4	2052.78
Mo 202.032	-0.1150	ppb	0.0871	75.7	3.7080
Na 330.237	9553.48	ppb	92.6393	1.0	389.322
Ni 231.604	40.1353	ppb	0.4418	1.1	92.1536
Pb 220.353	1.5719	ppb	0.8933	56.8	3.9685
Sb 206.834	-1.9860	ppb	1.6323	82.2	1.3227
Se 196.026	-0.3625	ppb	0.9384	258.9	1.3946
Sn 189.925	0.3605	ppb	0.9947	275.9	-1.4016
Sr 216.596	124.138	ppb	0.1286	0.1	1155.27
Ti 334.941	0.0148	ppb	0.0210	142.1	-23.6290
Tl 190.794	0.6857	ppb	2.8391	414.1	-0.8902
V 292.401	0.5360	ppb	0.1084	20.2	9.4065
Zn 206.200	64.5897	ppb	0.7675	1.2	55.5416

680-85925-d-7-b (Samp) **12/22/2012, 4:56:57 PM** **Rack 1, Tube 39**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.3764u	-0.1199u	0.1754
Al 308.215	13.7512	13.0127	12.9758
As 188.980	2.0336	4.3526	-2.9673u
B 249.678	15.6858	15.4804	15.3487
Ba 389.178	73.1099	72.8656	72.8857
Be 313.042	0.0153	0.0154	0.0138
Ca 370.602	13644	13648	13596
Cd 226.502	0.0176	-0.2140u	-0.0102
Co 228.615	-0.3613u	0.1235	0.1857
Cr 267.716	0.4420	0.5549	0.5950
Cu 324.754	4.9078	5.0985	4.9321
Fe 271.441	3.0675	5.2159	2.2846
K 766.491	2238.51	2241.67	2278.90
Mg 279.078	6722.39	6742.01	6740.31
Mn 257.610	0.1188	0.0378	0.1292
Mo 202.032	0.4557	0.0659	0.2665
Na 330.237	10155.1	9985.21	10046.1
Ni 231.604	1.7923	1.8389	2.0167
Pb 220.353	-0.2340u	-1.3957u	0.9874
Sb 206.834	-3.2627u	-0.8433u	-2.9701u
Se 196.026	1.1136	-0.6808u	1.5895
Sn 189.925	0.5945	-0.1449u	-0.9089u
Sr 216.596	129.126	131.088	130.404
Ti 334.941	0.0892	-0.0443u	0.0314
Tl 190.794	3.0063	-3.6247u	-1.5530u
V 292.401	0.1099	-0.1596u	-0.1608u
Zn 206.200	4.8914	4.2588	5.1477

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1070	ppb	0.2761	258.2	-4.3070
Al 308.215	13.2466	ppb	0.4375	3.3	64.3220
As 188.980	1.1396	ppb	3.7410	328.3	-0.3904
B 249.678	15.5050	ppb	0.1698	1.1	201.234
Ba 389.178	72.9537	ppb	0.1356	0.2	1099.10
Be 313.042	0.0148	ppb	0.0009	6.3	-104.599
Ca 370.602	13629	ppb	29.24	0.2	38327
Cd 226.502	-0.0689	ppb	0.1264	183.6	0.0848
Co 228.615	-0.0174	ppb	0.2995	1724.8	-7.7946
Cr 267.716	0.5306	ppb	0.0794	15.0	35.8108
Cu 324.754	4.9795	ppb	0.1038	2.1	474.996
Fe 271.441	3.5227	ppb	1.5177	43.1	-6.8112
K 766.491	2253.03	ppb	22.4608	1.0	78398.0
Mg 279.078	6734.90	ppb	10.8719	0.2	11899.0
Mn 257.610	0.0952	ppb	0.0501	52.6	41.0183
Mo 202.032	0.2627	ppb	0.1949	74.2	6.0456
Na 330.237	10062.1	ppb	86.0785	0.9	410.336
Ni 231.604	1.8827	ppb	0.1184	6.3	3.2120
Pb 220.353	-0.2141	ppb	1.1917	556.6	1.7488
Sb 206.834	-2.3587	ppb	1.3205	56.0	0.8522
Se 196.026	0.6741	ppb	1.1972	177.6	1.8121
Sn 189.925	-0.1531	ppb	0.7517	491.0	-1.7449
Sr 216.596	130.206	ppb	0.9960	0.8	1213.37
Ti 334.941	0.0254	ppb	0.0670	263.1	-22.6331
Tl 190.794	-0.7238	ppb	3.3923	468.7	-1.5903
V 292.401	-0.0702	ppb	0.1560	222.3	-3.0167
Zn 206.200	4.7660	ppb	0.4575	9.6	-4.5631

680-85741-d-1-b (Samp) **12/22/2012, 5:03:22 PM** **Rack 1, Tube 40**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.1543u	0.1024	-0.0755u
Al 308.215	7.7525	8.9076	9.0687
As 188.980	1.9744	1.6928	0.2303
B 249.678	4.7832	4.1501	4.4413
Ba 389.178	40.8687	40.8577	40.7114
Be 313.042	-0.0031	-0.0037u	-0.0007
Ca 370.602	26237	26364	26342
Cd 226.502	-0.2097	-0.1188	-0.1539
Co 228.615	5.7877	5.8916	5.8815
Cr 267.716	-0.2233u	-0.1392u	-0.0506u
Cu 324.754	0.0883	0.3469	0.1646
Fe 271.441	4834.48	4867.42	4849.25
K 766.491	1662.76	1666.46	1658.17
Mg 279.078	12422.2	12414.5	12392.1
Mn 257.610	3329.00	3345.57	3334.09
Mo 202.032	0.7917	0.7202	0.6762
Na 330.237	11923.9	11879.8	11830.6
Ni 231.604	2.6708	2.0885	0.8847
Pb 220.353	0.3635	1.0952	-2.3361u
Sb 206.834	-2.6188u	-3.5963u	-3.5460u
Se 196.026	3.1106	0.1155	6.1533
Sn 189.925	-1.1217u	1.0122	-1.5351u
Sr 216.596	164.172	163.799	162.635
Ti 334.941	0.1115	0.0267	0.0696
Tl 190.794	-1.1499	2.3586	-1.3821
V 292.401	0.0073u	-0.0332u	-0.1659u
Zn 206.200	2.4152	1.7471	0.7231

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0424	ppb	0.1315	309.8	-2.5613
Al 308.215	8.5763	ppb	0.7179	8.4	48.2423
As 188.980	1.2992	ppb	0.9363	72.1	-0.2959
B 249.678	4.4582	ppb	0.3169	7.1	78.0132
Ba 389.178	40.8126	ppb	0.0879	0.2	617.986
Be 313.042	-0.0025	ppb	0.0016	64.3	-122.455
Ca 370.602	26314	ppb	67.72	0.3	72616
Cd 226.502	-0.1608	ppb	0.0459	28.5	13.8861
Co 228.615	5.8536	ppb	0.0573	1.0	48.0657
Cr 267.716	-0.1377	ppb	0.0864	62.7	12.7174
Cu 324.754	0.1999	ppb	0.1328	66.4	197.541
Fe 271.441	4850.38	ppb	16.5004	0.3	5583.53
K 766.491	1662.46	ppb	4.1516	0.2	57907.9
Mg 279.078	12409.6	ppb	15.6260	0.1	21888.3
Mn 257.610	3336.22	ppb	8.4879	0.3	194432
Mo 202.032	0.7294	ppb	0.0583	8.0	8.7257
Na 330.237	11878.1	ppb	46.6839	0.4	483.206
Ni 231.604	1.8813	ppb	0.9109	48.4	3.5128
Pb 220.353	-0.2925	ppb	1.8073	617.9	2.2451
Sb 206.834	-3.2537	ppb	0.5505	16.9	-0.1803
Se 196.026	3.1265	ppb	3.0190	96.6	2.8152
Sn 189.925	-0.5482	ppb	1.3670	249.4	-2.0044
Sr 216.596	163.535	ppb	0.8021	0.5	1532.64
Ti 334.941	0.0692	ppb	0.0424	61.3	-18.2052
Tl 190.794	-0.0578	ppb	2.0959	3626.1	0.1573
V 292.401	-0.0639	ppb	0.0906	141.7	-7.5873
Zn 206.200	1.6285	ppb	0.8523	52.3	1.9954

680-85741-d-2-b (Samp) **12/22/2012, 5:09:48 PM** **Rack 1, Tube 41**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	0.2415	-0.1771u	0.0687
Al 308.215	1.6717	2.3930	3.1229
As 188.980	-2.2796u	2.2852	1.5646
B 249.678	7.3768	7.1575	8.1489
Ba 389.178	70.9187	70.9872	70.4018
Be 313.042	0.0007	-0.0038u	0.0049
Ca 370.602	19665	19574	19622
Cd 226.502	-0.0976	0.0105	-0.0148
Co 228.615	13.7361	14.2515	14.1961
Cr 267.716	-0.0373u	-0.1869u	-0.2376u
Cu 324.754	1.7287	1.8036	2.0152
Fe 271.441	4942.89	4914.80	4917.84
K 766.491	1742.96	1736.23	1744.74
Mg 279.078	9469.98	9417.59	9475.75
Mn 257.610	2971.26	2959.38	3008.79
Mo 202.032	0.2041	0.1347	0.0643
Na 330.237	8011.74	8122.38	8085.57
Ni 231.604	4.4365	5.3003	4.4433
Pb 220.353	0.5723	0.1455	-1.0876u
Sb 206.834	-3.5137u	-0.1000u	-2.7466u
Se 196.026	5.0346	6.9685	-1.8206u
Sn 189.925	0.2698	-0.1868u	-2.2505u
Sr 216.596	143.361	143.469	144.045
Ti 334.941	0.0553	-0.0161u	0.0898
Tl 190.794	-2.5146	2.4744	2.1623
V 292.401	0.1355u	0.1589u	-0.1295u
Zn 206.200	3.9099	2.0184	3.6413

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0444	ppb	0.2104	474.3	1.5467
Al 308.215	2.3959	ppb	0.7256	30.3	26.9700
As 188.980	0.5234	ppb	2.4541	468.9	-0.7555
B 249.678	7.5611	ppb	0.5208	6.9	111.869
Ba 389.178	70.7692	ppb	0.3201	0.5	1068.73
Be 313.042	0.0006	ppb	0.0043	703.1	-120.019
Ca 370.602	19620	ppb	45.82	0.2	53775
Cd 226.502	-0.0340	ppb	0.0566	166.4	17.6532
Co 228.615	14.0612	ppb	0.2829	2.0	125.932
Cr 267.716	-0.1539	ppb	0.1041	67.6	12.0941
Cu 324.754	1.8492	ppb	0.1486	8.0	293.268
Fe 271.441	4925.17	ppb	15.4167	0.3	5670.25
K 766.491	1741.31	ppb	4.4879	0.3	60643.6
Mg 279.078	9454.44	ppb	32.0398	0.3	16673.3
Mn 257.610	2979.81	ppb	25.7932	0.9	173662
Mo 202.032	0.1344	ppb	0.0699	52.0	5.0414
Na 330.237	8073.23	ppb	56.3436	0.7	328.187
Ni 231.604	4.7267	ppb	0.4968	10.5	10.0483
Pb 220.353	-0.1232	ppb	0.8620	699.4	2.4041
Sb 206.834	-2.1201	ppb	1.7910	84.5	1.2245
Se 196.026	3.3941	ppb	4.6185	136.1	2.9232
Sn 189.925	-0.7225	ppb	1.3428	185.9	-2.1246
Sr 216.596	143.625	ppb	0.3675	0.3	1346.86
Ti 334.941	0.0430	ppb	0.0540	125.5	-20.6694
Tl 190.794	0.7074	ppb	2.7947	395.1	0.3491
V 292.401	0.0549	ppb	0.1602	291.7	-3.8076
Zn 206.200	3.1899	ppb	1.0234	32.1	3.2784

mb 680-260699/1-a (Samp) **12/22/2012, 5:16:14 PM** **Rack 1, Tube 42**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.0071u	0.1573	-0.1599u
Al 308.215	0.2232	2.1320	2.8043
As 188.980	1.5484	-1.9994u	1.7433
B 249.678	1.5781	1.3941	1.3546
Ba 389.178	0.0027	-0.4463u	-0.5032u
Be 313.042	0.0407	0.0449	0.0430
Ca 370.602	-2.822u	-0.5958u	0.3671u
Cd 226.502	0.0277	0.1623	0.0441
Co 228.615	0.6122	0.2884	0.2751
Cr 267.716	-0.0245u	0.1287	0.1636
Cu 324.754	1.9412	2.2251	2.0554
Fe 271.441	-1.5240u	1.5223	7.0043
K 766.491	2.4260	2.5313	2.3513
Mg 279.078	2.0609	3.7690	4.5517
Mn 257.610	-0.0778u	0.1704	0.0846
Mo 202.032	0.3687	0.0140	-0.1419u
Na 330.237	107.342	-44.9189u	-27.0827u
Ni 231.604	1.0164	0.0090	0.8550
Pb 220.353	0.3155	1.1564	-0.6865u
Sb 206.834	-3.1063u	-1.8261u	-1.4153u
Se 196.026	3.3862	-0.5146u	1.9327
Sn 189.925	1.0655	0.1527	0.3407
Sr 216.596	-0.2426u	0.1287	-0.2343u
Ti 334.941	-0.0553u	0.0004	0.0047
Tl 190.794	1.5734	1.4760	-4.3528u
V 292.401	-0.0045u	-0.0180u	0.0124
Zn 206.200	9.6636	7.4084	7.0763

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0033	ppb	0.1586	4856.6	1.4198
Al 308.215	1.7198	ppb	1.3390	77.9	24.6502
As 188.980	0.4308	ppb	2.1068	489.1	-0.8105
B 249.678	1.4423	ppb	0.1193	8.3	47.6237
Ba 389.178	-0.3156	ppb	0.2771	87.8	-12.8900
Be 313.042	0.0429	ppb	0.0021	4.9	-74.8427
Ca 370.602	-1.017	ppb	1.636	160.9	25.18
Cd 226.502	0.0780	ppb	0.0734	94.1	3.7638
Co 228.615	0.3919	ppb	0.1909	48.7	-3.9066
Cr 267.716	0.0892	ppb	0.1000	112.1	19.6102
Cu 324.754	2.0739	ppb	0.1429	6.9	306.310
Fe 271.441	2.3342	ppb	4.3217	185.1	-8.4122
K 766.491	2.4362	ppb	0.0904	3.7	311.824
Mg 279.078	3.4605	ppb	1.2737	36.8	12.0330
Mn 257.610	0.0591	ppb	0.1260	213.4	31.3887
Mo 202.032	0.0803	ppb	0.2617	325.9	4.9163
Na 330.237	11.7800	ppb	83.2379	706.6	0.8594
Ni 231.604	0.6268	ppb	0.5411	86.3	0.1026
Pb 220.353	0.2618	ppb	0.9226	352.4	2.3394
Sb 206.834	-2.1159	ppb	0.8819	41.7	1.1531
Se 196.026	1.6014	ppb	1.9714	123.1	2.1856
Sn 189.925	0.5196	ppb	0.4820	92.8	-1.3023
Sr 216.596	-0.1161	ppb	0.2120	182.6	-0.6669
Ti 334.941	-0.0167	ppb	0.0335	199.9	-26.5431
Tl 190.794	-0.4345	ppb	3.3937	781.1	-1.4503
V 292.401	-0.0033	ppb	0.0152	454.2	-0.0469
Zn 206.200	8.0494	ppb	1.4078	17.5	7.2536

lcs 680-260699/2-a (Samp) **12/22/2012, 5:22:40 PM** **Rack 1, Tube 43**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	51.7266	51.7397	51.3639
Al 308.215	5233.30	5211.52	5175.30
As 188.980	110.747	109.374	112.471
B 249.678	212.308	212.789	213.763
Ba 389.178	103.621	103.426	103.643
Be 313.042	54.5730	54.4226	54.5282
Ca 370.602	5179	5153	5145
Cd 226.502	53.7943	53.6704	53.5025
Co 228.615	53.5095	52.8174	52.6175
Cr 267.716	105.858	105.130	105.668
Cu 324.754	106.537	106.415	106.233
Fe 271.441	5243.68	5245.58	5237.04
K 766.491	5369.09	5358.65	5350.44
Mg 279.078	5303.09	5281.70	5288.74
Mn 257.610	544.148	542.385	545.957
Mo 202.032	104.068	104.428	104.844
Na 330.237	4900.26	4873.79	4830.29
Ni 231.604	106.664	107.202	105.976
Pb 220.353	53.0579	53.4847	52.9896
Sb 206.834	50.7038	48.3542	47.2536
Se 196.026	106.103	101.502	102.438
Sn 189.925	103.741	106.192	109.811
Sr 216.596	104.859	104.437	104.723
Ti 334.941	106.226	106.215	106.779
Tl 190.794	39.6072	42.4052	44.3284
V 292.401	106.703	106.662	106.336
Zn 206.200	107.333	105.542	104.844

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.6101	ppb	0.2133	0.4	2346.02
Al 308.215	5206.70	ppb	29.2969	0.6	17945.5
As 188.980	110.864	ppb	1.5516	1.4	64.6231
B 249.678	212.953	ppb	0.7414	0.3	2355.17
Ba 389.178	103.563	ppb	0.1197	0.1	1562.83
Be 313.042	54.5079	ppb	0.0772	0.1	61895.1
Ca 370.602	5159	ppb	17.70	0.3	12973
Cd 226.502	53.6558	ppb	0.1465	0.3	1726.96
Co 228.615	52.9815	ppb	0.4681	0.9	494.566
Cr 267.716	105.552	ppb	0.3776	0.4	3859.81
Cu 324.754	106.395	ppb	0.1531	0.1	6365.05
Fe 271.441	5242.10	ppb	4.4860	0.1	6039.84
K 766.491	5359.39	ppb	9.3514	0.2	186176
Mg 279.078	5291.18	ppb	10.8994	0.2	9344.27
Mn 257.610	544.163	ppb	1.7860	0.3	31742.7
Mo 202.032	104.447	ppb	0.3881	0.4	650.420
Na 330.237	4868.11	ppb	35.3317	0.7	196.710
Ni 231.604	106.614	ppb	0.6145	0.6	246.886
Pb 220.353	53.1774	ppb	0.2683	0.5	67.7702
Sb 206.834	48.7706	ppb	1.7624	3.6	63.4923
Se 196.026	103.348	ppb	2.4315	2.4	43.1812
Sn 189.925	106.581	ppb	3.0536	2.9	69.6756
Sr 216.596	104.673	ppb	0.2153	0.2	978.654
Ti 334.941	106.407	ppb	0.3229	0.3	10193.9
Tl 190.794	42.1136	ppb	2.3741	5.6	19.1480
V 292.401	106.567	ppb	0.2008	0.2	2160.43
Zn 206.200	105.906	ppb	1.2839	1.2	90.3901

640-41590-l-1-b (Samp) **12/22/2012, 5:29:07 PM** **Rack 1, Tube 44**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.1446u	-0.2941u	0.3557
Al 308.215	94.7783	91.3697	92.5299
As 188.980	2.8015	1.5243	5.3503
B 249.678	18.7788	18.8615	18.9383
Ba 389.178	26.8344	27.0183	26.8412
Be 313.042	-0.0249	-0.0193	-0.0194
Ca 370.602	149160	149421	149553
Cd 226.502	-0.2953	-0.3750u	-0.2962
Co 228.615	0.8847	0.7065	0.6145
Cr 267.716	0.4717	0.5958	0.4908
Cu 324.754	0.3915	0.1858	0.2712
Fe 271.441	61.6993	58.9566	58.9419
K 766.491	1175.58	1173.89	1167.53
Mg 279.078	28868.0	28865.5	28839.5
Mn 257.610	403.567	401.555	399.413
Mo 202.032	0.4598	0.8590	0.4109
Na 330.237	8636.04	8544.38	8587.99
Ni 231.604	3.6877	3.9120	3.5759
Pb 220.353	0.9118	2.6454	-1.5027u
Sb 206.834	-3.2675u	-5.0311u	0.2074
Se 196.026	-4.2143u	-5.5764u	1.6199
Sn 189.925	0.9676	0.5980	0.5911
Sr 216.596	225.994	225.876	224.393
Ti 334.941	1.5045	1.4739	1.4744
Tl 190.794	-1.9847u	-2.5836u	-0.1541
V 292.401	2.8294	3.0839	2.7715
Zn 206.200	2.2849	4.0022	2.8072

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0277	ppb	0.3403	1229.5	-1.7679
Al 308.215	92.8926	ppb	1.7330	1.9	338.549
As 188.980	3.2254	ppb	1.9479	60.4	0.8459
B 249.678	18.8595	ppb	0.0798	0.4	237.840
Ba 389.178	26.8979	ppb	0.1043	0.4	407.655
Be 313.042	-0.0212	ppb	0.0032	15.1	-115.339
Ca 370.602	149378	ppb	199.9	0.1	419774
Cd 226.502	-0.3222	ppb	0.0458	14.2	2.2487
Co 228.615	0.7352	ppb	0.1374	18.7	-0.6367
Cr 267.716	0.5194	ppb	0.0668	12.9	35.3878
Cu 324.754	0.2828	ppb	0.1033	36.5	202.351
Fe 271.441	59.8659	ppb	1.5877	2.7	60.7009
K 766.491	1172.33	ppb	4.2428	0.4	40902.3
Mg 279.078	28857.7	ppb	15.7677	0.1	50961.4
Mn 257.610	401.512	ppb	2.0777	0.5	23455.0
Mo 202.032	0.5766	ppb	0.2458	42.6	7.9849
Na 330.237	8589.47	ppb	45.8484	0.5	349.426
Ni 231.604	3.7252	ppb	0.1711	4.6	8.1173
Pb 220.353	0.6848	ppb	2.0833	304.2	2.9189
Sb 206.834	-2.6971	ppb	2.6655	98.8	0.4348
Se 196.026	-2.7236	ppb	3.8227	140.4	0.4439
Sn 189.925	0.7189	ppb	0.2154	30.0	-1.1125
Sr 216.596	225.421	ppb	0.8925	0.4	2108.38
Ti 334.941	1.4843	ppb	0.0175	1.2	117.840
Tl 190.794	-1.5741	ppb	1.2657	80.4	-1.7955
V 292.401	2.8949	ppb	0.1662	5.7	41.4360
Zn 206.200	3.0314	ppb	0.8804	29.0	3.4440

640-41590-l-2-d (Samp) **12/22/2012, 5:35:34 PM** **Rack 1, Tube 45**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.0454u	0.0975	0.0093u
Al 308.215	179.961	182.483	179.117
As 188.980	-1.5793u	4.5228	4.3348
B 249.678	56.6740	56.8673	57.3064
Ba 389.178	10.0059	9.9484	9.6055
Be 313.042	-0.0112	0.0009	0.0013
Ca 370.602	78021	78142	78084
Cd 226.502	-0.1301	-0.1762	-0.0776
Co 228.615	0.3682	0.4510	0.1938
Cr 267.716	0.7973	0.5891	0.6821
Cu 324.754	4.6334	4.5509	4.3327
Fe 271.441	86.4514	89.2952	88.1814
K 766.491	917.086	915.607	914.723
Mg 279.078	24104.9	24008.7	24022.9
Mn 257.610	28.0257	27.8472	27.9871
Mo 202.032	0.7023	1.0939	0.7548
Na 330.237	11770.8	11505.9	11818.3
Ni 231.604	2.3757	1.7698	1.9724
Pb 220.353	1.1573	1.6673	-1.1170u
Sb 206.834	-2.4554u	-0.4767u	-3.0070u
Se 196.026	-1.0170u	3.9198	1.7011
Sn 189.925	0.6583	1.2065	1.2603
Sr 216.596	110.627	110.726	110.600
Ti 334.941	3.1203	3.0696	3.1034
Tl 190.794	0.8758	3.5661	-5.0185u
V 292.401	4.5853	4.0986	4.2869
Zn 206.200	1.0694	2.9430	1.5031

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0205	ppb	0.0721	352.1	1.3798
Al 308.215	180.520	ppb	1.7513	1.0	640.232
As 188.980	2.4261	ppb	3.4701	143.0	0.3721
B 249.678	56.9493	ppb	0.3241	0.6	653.875
Ba 389.178	9.8533	ppb	0.2165	2.2	154.135
Be 313.042	-0.0030	ppb	0.0071	235.7	-110.527
Ca 370.602	78082	ppb	60.60	0.1	219415
Cd 226.502	-0.1280	ppb	0.0493	38.5	3.3105
Co 228.615	0.3377	ppb	0.1313	38.9	-4.3796
Cr 267.716	0.6895	ppb	0.1043	15.1	41.6158
Cu 324.754	4.5057	ppb	0.1554	3.4	447.509
Fe 271.441	87.9760	ppb	1.4329	1.6	91.7984
K 766.491	915.805	ppb	1.1936	0.1	32001.9
Mg 279.078	24045.5	ppb	51.9260	0.2	42467.2
Mn 257.610	27.9534	ppb	0.0939	0.3	1683.71
Mo 202.032	0.8503	ppb	0.2126	25.0	9.6784
Na 330.237	11698.3	ppb	168.365	1.4	476.347
Ni 231.604	2.0393	ppb	0.3084	15.1	4.0629
Pb 220.353	0.5692	ppb	1.4824	260.4	2.7184
Sb 206.834	-1.9797	ppb	1.3305	67.2	1.3190
Se 196.026	1.5346	ppb	2.4726	161.1	2.1590
Sn 189.925	1.0417	ppb	0.3331	32.0	-0.9216
Sr 216.596	110.651	ppb	0.0660	0.1	1035.51
Ti 334.941	3.0977	ppb	0.0258	0.8	272.616
Tl 190.794	-0.1922	ppb	4.3908	2284.5	-1.3211
V 292.401	4.3236	ppb	0.2454	5.7	79.2652
Zn 206.200	1.8385	ppb	0.9808	53.3	2.3491

680-85832-e-1-a (Samp) **12/22/2012, 5:42:01 PM** **Rack 1, Tube 46**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.0068u	0.1363	0.0630
Al 308.215	149.212	147.477	149.783
As 188.980	1.6336	1.0181	2.0895
B 249.678	4.4171	4.6319	4.4376
Ba 389.178	158.440	157.068	158.814
Be 313.042	0.0902	0.0924	0.0926
Ca 370.602	5855	5822	5880
Cd 226.502	0.0210	0.2247	0.1844
Co 228.615	3.3647	3.0080	3.4856
Cr 267.716	4.3083	4.1846	4.3035
Cu 324.754	6.7647	6.5413	6.5068
Fe 271.441	398.392	394.201	396.854
K 766.491	2890.85	2873.00	2895.33
Mg 279.078	2453.72	2445.62	2462.23
Mn 257.610	56.7191	56.8479	57.0287
Mo 202.032	8.3168	8.4478	8.0704
Na 330.237	34000.6	33983.1	34117.5
Ni 231.604	130.563	131.141	130.475
Pb 220.353	2.9879	1.4619	-0.2194u
Sb 206.834	-0.9839u	-4.0912u	0.9006
Se 196.026	2.2722	0.1028	5.2532
Sn 189.925	1.0376	-0.4699u	2.3843
Sr 216.596	98.0555	98.7660	98.6065
Ti 334.941	21.3396	21.5022	21.4403
Tl 190.794	-2.1175u	-0.8956u	-3.9529u
V 292.401	0.8672	1.0087	0.9348
Zn 206.200	80.0365	76.3699	81.9899

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0641	ppb	0.0716	111.6	3.6793
Al 308.215	148.824	ppb	1.2010	0.8	531.118
As 188.980	1.5804	ppb	0.5377	34.0	-0.1311
B 249.678	4.4955	ppb	0.1185	2.6	80.7716
Ba 389.178	158.107	ppb	0.9193	0.6	2382.94
Be 313.042	0.0917	ppb	0.0013	1.4	-20.2481
Ca 370.602	5853	ppb	29.10	0.5	16358
Cd 226.502	0.1433	ppb	0.1079	75.3	7.4358
Co 228.615	3.2861	ppb	0.2483	7.6	23.7566
Cr 267.716	4.2655	ppb	0.0701	1.6	172.188
Cu 324.754	6.6043	ppb	0.1400	2.1	569.748
Fe 271.441	396.483	ppb	2.1200	0.5	446.493
K 766.491	2886.39	ppb	11.8122	0.4	100373
Mg 279.078	2453.86	ppb	8.3030	0.3	4338.63
Mn 257.610	56.8653	ppb	0.1555	0.3	3344.15
Mo 202.032	8.2784	ppb	0.1916	2.3	55.6212
Na 330.237	34033.7	ppb	73.0979	0.2	1387.23
Ni 231.604	130.726	ppb	0.3621	0.3	302.714
Pb 220.353	1.4101	ppb	1.6043	113.8	3.7562
Sb 206.834	-1.3915	ppb	2.5208	181.2	1.9890
Se 196.026	2.5428	ppb	2.5858	101.7	2.5660
Sn 189.925	0.9840	ppb	1.4279	145.1	-0.9803
Sr 216.596	98.4760	ppb	0.3728	0.4	912.772
Ti 334.941	21.4274	ppb	0.0821	0.4	2031.76
Tl 190.794	-2.3220	ppb	1.5389	66.3	-2.3532
V 292.401	0.9369	ppb	0.0708	7.6	17.5510
Zn 206.200	79.4654	ppb	2.8532	3.6	68.1485

680-85832-e-1-aSD^5 (Samp) **12/22/2012, 5:48:29 PM** **Rack 1, Tube 47**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.0347u	0.0763	-0.2892u
Al 308.215	29.6271	31.5837	31.5711
As 188.980	3.7152	1.5411	3.3463
B 249.678	1.0630	0.9242	0.6407
Ba 389.178	31.6118	32.2093	31.9547
Be 313.042	0.0165	0.0281	0.0269
Ca 370.602	1195	1199	1195
Cd 226.502	0.1008	-0.0330u	0.0645
Co 228.615	1.0166	0.4448	0.7343
Cr 267.716	0.6607	0.8042	0.6669
Cu 324.754	1.3382	1.2656	1.3964
Fe 271.441	81.7116	76.6181	77.5267
K 766.491	583.823	584.623	582.994
Mg 279.078	499.237	504.129	498.311
Mn 257.610	11.4047	11.3266	11.1355
Mo 202.032	1.6698	1.7656	1.5546
Na 330.237	6749.41	6724.05	6697.69
Ni 231.604	26.7232	27.1044	26.5748
Pb 220.353	1.5605	0.0999	-0.6357u
Sb 206.834	-2.1035u	-0.4440u	-4.0689u
Se 196.026	2.0503	-3.0859u	5.1112
Sn 189.925	1.5585	1.8599	2.1217
Sr 216.596	20.1147	19.9135	19.9215
Ti 334.941	4.2850	4.3193	4.3391
Tl 190.794	5.5035	-0.5447u	0.0085
V 292.401	0.0645	0.1265	-0.0054u
Zn 206.200	17.0319	16.2369	17.2667

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0825	ppb	0.1874	227.1	-2.3449
Al 308.215	30.9273	ppb	1.1260	3.6	125.202
As 188.980	2.8675	ppb	1.1635	40.6	0.6335
B 249.678	0.8760	ppb	0.2153	24.6	41.4002
Ba 389.178	31.9252	ppb	0.2998	0.9	474.684
Be 313.042	0.0239	ppb	0.0064	26.8	-96.6788
Ca 370.602	1197	ppb	1.961	0.2	3369
Cd 226.502	0.0441	ppb	0.0692	156.9	2.9870
Co 228.615	0.7319	ppb	0.2859	39.1	-0.6359
Cr 267.716	0.7106	ppb	0.0811	11.4	42.3377
Cu 324.754	1.3334	ppb	0.0655	4.9	263.413
Fe 271.441	78.6188	ppb	2.7167	3.5	79.6101
K 766.491	583.813	ppb	0.8141	0.1	20483.2
Mg 279.078	500.559	ppb	3.1262	0.6	889.748
Mn 257.610	11.2889	ppb	0.1385	1.2	686.291
Mo 202.032	1.6633	ppb	0.1056	6.4	14.7076
Na 330.237	6723.72	ppb	25.8659	0.4	274.392
Ni 231.604	26.8008	ppb	0.2732	1.0	60.9845
Pb 220.353	0.3416	ppb	1.1179	327.2	2.4371
Sb 206.834	-2.2054	ppb	1.8146	82.3	1.0315
Se 196.026	1.3585	ppb	4.1421	304.9	2.0880
Sn 189.925	1.8467	ppb	0.2818	15.3	-0.4120
Sr 216.596	19.9832	ppb	0.1139	0.6	185.554
Ti 334.941	4.3145	ppb	0.0274	0.6	389.188
Tl 190.794	1.6558	ppb	3.3437	201.9	-0.4388
V 292.401	0.0619	ppb	0.0660	106.6	0.9827
Zn 206.200	16.8452	ppb	0.5397	3.2	14.7564

680-85832-e-1-aPDS (Samp) **12/22/2012, 5:54:57 PM** **Rack 1, Tube 48**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	51.4613	51.3924	51.3431
Al 308.215	2122.44	2124.15	2132.44
As 188.980	2107.52	2100.39	2123.06
B 249.678	1020.20	1028.09	1026.06
Ba 389.178	2183.63	2189.93	2185.23
Be 313.042	52.1109	52.3025	52.1759
Ca 370.602	10596	10619	10632
Cd 226.502	51.2331	51.7587	51.6101
Co 228.615	516.090	518.867	517.744
Cr 267.716	207.036	208.263	207.241
Cu 324.754	260.378	263.452	263.332
Fe 271.441	1413.31	1417.22	1419.07
K 766.491	8285.26	8283.83	8288.01
Mg 279.078	7505.04	7534.97	7513.21
Mn 257.610	579.823	583.836	578.738
Mo 202.032	508.157	512.510	513.513
Na 330.237	38814.6	39095.7	39159.6
Ni 231.604	636.301	641.558	642.986
Pb 220.353	500.422	499.682	503.372
Sb 206.834	500.942	501.875	503.868
Se 196.026	2035.50	2056.75	2047.64
Sn 189.925	1020.11	1025.11	1018.66
Sr 216.596	605.053	609.767	607.456
Ti 334.941	1026.29	1033.54	1025.20
Tl 190.794	2069.43	2062.22	2069.37
V 292.401	507.140	508.342	506.637
Zn 206.200	584.181	587.931	586.881

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.3989	ppb	0.0593	0.1	2333.99
Al 308.215	2126.35	ppb	5.3498	0.3	7367.52
As 188.980	2110.32	ppb	11.5917	0.5	1249.70
B 249.678	1024.78	ppb	4.0971	0.4	11224.7
Ba 389.178	2186.26	ppb	3.2774	0.1	33040.4
Be 313.042	52.1964	ppb	0.0974	0.2	59288.8
Ca 370.602	10616	ppb	18.42	0.2	29502
Cd 226.502	51.5340	ppb	0.2710	0.5	1646.94
Co 228.615	517.567	ppb	1.3969	0.3	4907.93
Cr 267.716	207.513	ppb	0.6571	0.3	7569.28
Cu 324.754	262.387	ppb	1.7409	0.7	15437.8
Fe 271.441	1416.53	ppb	2.9379	0.2	1667.24
K 766.491	8285.70	ppb	2.1279	0.0	287707
Mg 279.078	7517.74	ppb	15.4702	0.2	13276.0
Mn 257.610	580.799	ppb	2.6853	0.5	33877.9
Mo 202.032	511.393	ppb	2.8473	0.6	3167.86
Na 330.237	39023.3	ppb	183.513	0.5	1583.90
Ni 231.604	640.282	ppb	3.5206	0.5	1488.90
Pb 220.353	501.158	ppb	1.9521	0.4	622.037
Sb 206.834	502.228	ppb	1.4946	0.3	618.800
Se 196.026	2046.63	ppb	10.6606	0.5	825.839
Sn 189.925	1021.30	ppb	3.3847	0.3	681.803
Sr 216.596	607.425	ppb	2.3572	0.4	5627.01
Ti 334.941	1028.34	ppb	4.5303	0.4	98717.8
Tl 190.794	2067.01	ppb	4.1424	0.2	998.294
V 292.401	507.373	ppb	0.8761	0.2	10292.8
Zn 206.200	586.331	ppb	1.9349	0.3	499.533

680-85832-e-1-b ms (Samp) **12/22/2012, 6:14:14 PM** **Rack 1, Tube 51**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	51.8249	51.7103	50.8723
Al 308.215	5380.76	5392.07	5386.74
As 188.980	113.253	107.723	111.812
B 249.678	217.441	217.771	216.672
Ba 389.178	267.824	267.083	267.169
Be 313.042	54.5678	54.6252	54.4880
Ca 370.602	11258	11214	11240
Cd 226.502	53.3678	53.2619	52.9181
Co 228.615	56.7117	56.0683	55.3132
Cr 267.716	109.603	109.600	109.025
Cu 324.754	111.673	112.220	110.105
Fe 271.441	5648.48	5651.63	5636.90
K 766.491	8538.07	8566.05	8541.78
Mg 279.078	7794.76	7806.38	7781.93
Mn 257.610	600.863	599.251	596.110
Mo 202.032	111.924	112.065	111.619
Na 330.237	40585.9	40282.7	40424.0
Ni 231.604	240.153	239.390	238.928
Pb 220.353	52.7572	53.6649	51.6429
Sb 206.834	51.3336	50.1916	48.1707
Se 196.026	107.008	100.879	107.836
Sn 189.925	105.091	104.254	103.705
Sr 216.596	207.086	206.514	205.468
Ti 334.941	127.002	126.598	126.087
Tl 190.794	41.1654	36.7159	43.2808
V 292.401	106.935	106.190	106.928
Zn 206.200	187.172	185.585	187.765

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.4692	ppb	0.5200	1.0	2338.80
Al 308.215	5386.52	ppb	5.6602	0.1	18564.5
As 188.980	110.929	ppb	2.8684	2.6	64.6601
B 249.678	217.295	ppb	0.5639	0.3	2402.38
Ba 389.178	267.359	ppb	0.4052	0.2	4039.85
Be 313.042	54.5604	ppb	0.0689	0.1	61953.7
Ca 370.602	11237	ppb	21.92	0.2	29938
Cd 226.502	53.1826	ppb	0.2351	0.4	1713.50
Co 228.615	56.0310	ppb	0.7000	1.2	523.729
Cr 267.716	109.410	ppb	0.3329	0.3	4000.82
Cu 324.754	111.333	ppb	1.0975	1.0	6652.09
Fe 271.441	5645.67	ppb	7.7565	0.1	6505.59
K 766.491	8548.63	ppb	15.1983	0.2	296829
Mg 279.078	7794.36	ppb	12.2318	0.2	13764.1
Mn 257.610	598.741	ppb	2.4170	0.4	34925.7
Mo 202.032	111.869	ppb	0.2275	0.2	696.328
Na 330.237	40430.9	ppb	151.715	0.4	1645.85
Ni 231.604	239.491	ppb	0.6189	0.3	555.957
Pb 220.353	52.6884	ppb	1.0128	1.9	67.1590
Sb 206.834	49.8986	ppb	1.6016	3.2	64.8405
Se 196.026	105.241	ppb	3.8002	3.6	43.9450
Sn 189.925	104.350	ppb	0.6982	0.7	68.1944
Sr 216.596	206.356	ppb	0.8208	0.4	1920.78
Ti 334.941	126.562	ppb	0.4583	0.4	12128.4
Tl 190.794	40.3874	ppb	3.3509	8.3	18.3229
V 292.401	106.684	ppb	0.4281	0.4	2161.38
Zn 206.200	186.841	ppb	1.1271	0.6	159.399

680-85832-e-1-c msd (Samp) **12/22/2012, 6:20:39 PM** **Rack 1, Tube 52**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	51.7885	52.4349	52.1538
Al 308.215	5389.68	5342.51	5359.65
As 188.980	106.961	109.670	113.247
B 249.678	215.671	217.760	216.225
Ba 389.178	267.490	267.885	266.725
Be 313.042	54.8824	55.0188	54.7496
Ca 370.602	11232	11218	11205
Cd 226.502	53.3823	53.6481	53.2394
Co 228.615	55.6113	54.8854	56.1622
Cr 267.716	110.186	110.225	110.182
Cu 324.754	112.032	112.455	111.728
Fe 271.441	5667.03	5666.89	5640.45
K 766.491	8573.90	8544.67	8528.22
Mg 279.078	7804.61	7811.69	7810.26
Mn 257.610	606.754	613.821	608.047
Mo 202.032	112.553	113.533	112.592
Na 330.237	40265.9	40104.5	40264.6
Ni 231.604	239.206	241.246	238.517
Pb 220.353	52.9018	50.9564	50.2847
Sb 206.834	49.4256	46.8526	50.3497
Se 196.026	108.063	110.781	103.608
Sn 189.925	106.593	106.827	110.401
Sr 216.596	206.485	206.941	206.373
Ti 334.941	127.363	129.093	127.733
Tl 190.794	39.9298	42.6984	38.7502
V 292.401	107.196	107.774	106.882
Zn 206.200	186.938	186.484	187.701

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	52.1257	ppb	0.3241	0.6	2368.63
Al 308.215	5363.95	ppb	23.8790	0.4	18486.8
As 188.980	109.960	ppb	3.1529	2.9	64.0850
B 249.678	216.552	ppb	1.0824	0.5	2394.26
Ba 389.178	267.366	ppb	0.5897	0.2	4039.98
Be 313.042	54.8836	ppb	0.1346	0.2	62321.5
Ca 370.602	11218	ppb	13.40	0.1	29879
Cd 226.502	53.4233	ppb	0.2074	0.4	1721.23
Co 228.615	55.5530	ppb	0.6404	1.2	519.168
Cr 267.716	110.198	ppb	0.0236	0.0	4029.51
Cu 324.754	112.072	ppb	0.3652	0.3	6695.01
Fe 271.441	5658.12	ppb	15.3059	0.3	6519.94
K 766.491	8548.93	ppb	23.1323	0.3	296840
Mg 279.078	7808.85	ppb	3.7441	0.0	13789.7
Mn 257.610	609.541	ppb	3.7625	0.6	35554.9
Mo 202.032	112.892	ppb	0.5551	0.5	702.657
Na 330.237	40211.7	ppb	92.8104	0.2	1636.91
Ni 231.604	239.656	ppb	1.4189	0.6	556.343
Pb 220.353	51.3809	ppb	1.3593	2.6	65.5365
Sb 206.834	48.8760	ppb	1.8122	3.7	63.5691
Se 196.026	107.484	ppb	3.6216	3.4	44.8485
Sn 189.925	107.941	ppb	2.1342	2.0	70.5972
Sr 216.596	206.600	ppb	0.3008	0.1	1923.06
Ti 334.941	128.063	ppb	0.9109	0.7	12272.5
Tl 190.794	40.4594	ppb	2.0267	5.0	18.3572
V 292.401	107.284	ppb	0.4524	0.4	2173.44
Zn 206.200	187.041	ppb	0.6150	0.3	159.567

680-85832-e-2-a (Samp) **12/22/2012, 6:27:05 PM** **Rack 1, Tube 53**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.0913u	-0.4365u	-0.0678u
Al 308.215	50.4394	50.9258	51.6389
As 188.980	1.2873	-3.0081u	1.8976
B 249.678	20.5604	20.1370	20.1428
Ba 389.178	51.2192	50.9316	51.0611
Be 313.042	0.7817	0.7808	0.7805
Ca 370.602	2309	2290	2305
Cd 226.502	0.0312	-0.0663u	-0.1266u
Co 228.615	2.8342	2.8098	2.4088
Cr 267.716	6.3385	6.0294	6.2386
Cu 324.754	3.4375	3.5813	3.5248
Fe 271.441	137.764	137.625	139.866
K 766.491	2116.44	2096.73	2117.63
Mg 279.078	3068.24	3037.32	3053.34
Mn 257.610	74.0886	73.1635	73.4268
Mo 202.032	11.2659	11.2786	11.4959
Na 330.237	227283x	222312x	227053x
Ni 231.604	80.2430	79.2518	78.6715
Pb 220.353	-0.2138u	-1.5026u	-0.4823u
Sb 206.834	-5.1166u	-0.7139u	-0.5748u
Se 196.026	-2.0409u	5.2903	0.6623
Sn 189.925	0.8434	0.2995	1.1685
Sr 216.596	41.7980	41.0173	41.1782
Ti 334.941	1.2430	1.2743	1.2103
Tl 190.794	-2.3789u	-1.5364u	1.9879
V 292.401	0.1860	0.0647u	0.1803
Zn 206.200	47.7650	48.0526	48.5268

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1985b	ppb	0.2064	104.0	-7.8064
Al 308.215	51.0014b	ppb	0.6033	1.2	194.438
As 188.980	0.0589b	ppb	2.6736	4536.9	-1.0336
B 249.678	20.2801b	ppb	0.2428	1.2	253.319
Ba 389.178	51.0706b	ppb	0.1440	0.3	766.311
Be 313.042	0.7810b	ppb	0.0006	0.1	749.914
Ca 370.602	2301b	ppb	10.01	0.4	6456
Cd 226.502	-0.0539b	ppb	0.0796	147.8	-0.8156
Co 228.615	2.6843b	ppb	0.2388	8.9	17.6035
Cr 267.716	6.2022b	ppb	0.1577	2.5	245.101
Cu 324.754	3.5145b	ppb	0.0724	2.1	390.189
Fe 271.441	138.419b	ppb	1.2559	0.9	148.758
K 766.491	2110.27b	ppb	11.7378	0.6	73444.8
Mg 279.078	3052.97b	ppb	15.4592	0.5	5396.41
Mn 257.610	73.5596b	ppb	0.4767	0.6	4317.13
Mo 202.032	11.3468b	ppb	0.1293	1.1	74.6138
Na 330.237	225549xb	ppb	2806.02	1.2	9195.05
Ni 231.604	79.3888b	ppb	0.7947	1.0	183.344
Pb 220.353	-0.7329b	ppb	0.6800	92.8	1.1036
Sb 206.834	-2.1351b	ppb	2.5830	121.0	1.0478
Se 196.026	1.3039b	ppb	3.7075	284.3	2.0662
Sn 189.925	0.7705b	ppb	0.4390	57.0	-1.0723
Sr 216.596	41.3312b	ppb	0.4122	1.0	382.206
Ti 334.941	1.2425b	ppb	0.0320	2.6	88.7399
Tl 190.794	-0.6425b	ppb	2.3166	360.6	-1.5252
V 292.401	0.1437b	ppb	0.0684	47.6	0.0627
Zn 206.200	48.1148b	ppb	0.3847	0.8	41.4301

680-85832-e-3-a (Samp) **12/22/2012, 6:33:31 PM** **Rack 1, Tube 54**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.3005u	0.2899	-0.0075u
Al 308.215	46.0245	44.2840	44.6645
As 188.980	3.7872	0.2788	0.0352
B 249.678	3.6724	3.5785	4.1638
Ba 389.178	160.240	159.259	161.016
Be 313.042	0.7008	0.6920	0.6907
Ca 370.602	5280	5263	5268
Cd 226.502	-0.2235u	-0.1345u	-0.1511u
Co 228.615	1.0348	0.8231	1.0710
Cr 267.716	1.4376	1.3652	1.6620
Cu 324.754	4.4902	4.4666	4.4267
Fe 271.441	543.242	540.026	543.861
K 766.491	1308.08	1305.16	1306.35
Mg 279.078	2555.84	2558.94	2550.95
Mn 257.610	17.8342	18.1887	17.8738
Mo 202.032	0.8118	1.0115	1.3027
Na 330.237	20680.5	20703.0	20765.0
Ni 231.604	3.2748	3.8168	3.5496
Pb 220.353	0.8916	-2.8329u	-0.7063u
Sb 206.834	0.6685	-2.5571u	-1.4517u
Se 196.026	3.4837	-1.0483u	-3.5042u
Sn 189.925	2.6742	0.9700	0.8556
Sr 216.596	86.3256	87.1172	86.6641
Ti 334.941	2.2575	2.2089	2.2817
Tl 190.794	0.2558	-4.1423u	2.3148
V 292.401	0.3264	0.2777	0.2679
Zn 206.200	12.5421	11.2057	10.2795

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0060	ppb	0.2952	4922.3	0.5445
Al 308.215	44.9910	ppb	0.9151	2.0	173.607
As 188.980	1.3671	ppb	2.0994	153.6	-0.2557
B 249.678	3.8049	ppb	0.3144	8.3	73.1489
Ba 389.178	160.172	ppb	0.8806	0.5	2414.30
Be 313.042	0.6945	ppb	0.0055	0.8	666.177
Ca 370.602	5270	ppb	8.705	0.2	14677
Cd 226.502	-0.1697	ppb	0.0473	27.9	-2.0531
Co 228.615	0.9763	ppb	0.1339	13.7	1.6762
Cr 267.716	1.4882	ppb	0.1548	10.4	70.9461
Cu 324.754	4.4612	ppb	0.0321	0.7	444.944
Fe 271.441	542.376	ppb	2.0589	0.4	614.542
K 766.491	1306.53	ppb	1.4698	0.1	45558.5
Mg 279.078	2555.24	ppb	4.0251	0.2	4518.06
Mn 257.610	17.9655	ppb	0.1943	1.1	1077.82
Mo 202.032	1.0420	ppb	0.2468	23.7	10.8441
Na 330.237	20716.2	ppb	43.7200	0.2	844.690
Ni 231.604	3.5471	ppb	0.2710	7.6	6.9804
Pb 220.353	-0.8825	ppb	1.8685	211.7	0.9320
Sb 206.834	-1.1134	ppb	1.6392	147.2	2.3957
Se 196.026	-0.3563	ppb	3.5450	995.0	1.3988
Sn 189.925	1.4999	ppb	1.0186	67.9	-0.6388
Sr 216.596	86.7023	ppb	0.3972	0.5	808.687
Ti 334.941	2.2494	ppb	0.0371	1.6	190.607
Tl 190.794	-0.5239	ppb	3.2984	629.6	-1.5186
V 292.401	0.2907	ppb	0.0313	10.8	5.2840
Zn 206.200	11.3424	ppb	1.1375	10.0	10.0981

680-85832-e-4-a (Samp) **12/22/2012, 6:39:58 PM** **Rack 1, Tube 55**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	0.1806	-0.3056u	-0.1825u
Al 308.215	20.4019	19.5093	18.8373
As 188.980	-1.0302u	3.6405	1.3254
B 249.678	4.2756	3.9032	3.6394
Ba 389.178	12.3303	12.9150	12.3482
Be 313.042	0.1610	0.1640	0.1669
Ca 370.602	458.6	454.0	459.4
Cd 226.502	-0.1289u	-0.0910u	-0.2872u
Co 228.615	0.8901	1.2594	1.1462
Cr 267.716	0.3478	0.3605	0.4466
Cu 324.754	6.3212	6.3359	6.0479
Fe 271.441	9.8997	11.2942	13.5931
K 766.491	593.183	591.382	594.435
Mg 279.078	257.009	252.769	250.825
Mn 257.610	15.1770	15.1604	15.0925
Mo 202.032	1.0402	0.7036	0.8450
Na 330.237	30110.1	30154.4	30177.9
Ni 231.604	12.7801	12.3509	12.9833
Pb 220.353	0.5018	0.3723	1.6299
Sb 206.834	-4.0740u	-1.1151u	-2.4222u
Se 196.026	2.1519	-1.5539u	-1.0051u
Sn 189.925	1.9330	-0.5012u	-1.3696u
Sr 216.596	6.3887	6.5806	6.7879
Ti 334.941	0.1077	-0.0482u	0.0825
Tl 190.794	3.2322	-2.0957u	-0.9973u
V 292.401	0.4564	0.3611	0.4012
Zn 206.200	24.6515	22.0388	23.9374

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1025	ppb	0.2528	246.7	-3.1419
Al 308.215	19.5828	ppb	0.7849	4.0	86.1602
As 188.980	1.3119	ppb	2.3354	178.0	-0.2884
B 249.678	3.9394	ppb	0.3196	8.1	74.8959
Ba 389.178	12.5311	ppb	0.3325	2.7	181.438
Be 313.042	0.1639	ppb	0.0029	1.8	60.9585
Ca 370.602	457.3	ppb	2.920	0.6	1311
Cd 226.502	-0.1690	ppb	0.1041	61.6	-4.1703
Co 228.615	1.0986	ppb	0.1892	17.2	2.7787
Cr 267.716	0.3849	ppb	0.0537	14.0	30.7651
Cu 324.754	6.2350	ppb	0.1622	2.6	547.884
Fe 271.441	11.5957	ppb	1.8651	16.1	2.3155
K 766.491	593.000	ppb	1.5345	0.3	20801.9
Mg 279.078	253.534	ppb	3.1622	1.2	453.490
Mn 257.610	15.1433	ppb	0.0448	0.3	910.529
Mo 202.032	0.8630	ppb	0.1690	19.6	9.7583
Na 330.237	30147.5	ppb	34.4070	0.1	1229.32
Ni 231.604	12.7048	ppb	0.3228	2.5	28.1968
Pb 220.353	0.8347	ppb	0.6917	82.9	3.0501
Sb 206.834	-2.5371	ppb	1.4828	58.4	0.6272
Se 196.026	-0.1357	ppb	2.0000	1473.7	1.4860
Sn 189.925	0.0207	ppb	1.7121	8251.8	-1.6278
Sr 216.596	6.5857	ppb	0.1996	3.0	61.2587
Ti 334.941	0.0473	ppb	0.0837	176.7	-21.1518
Tl 190.794	0.0464	ppb	2.8131	6066.2	-1.2105
V 292.401	0.4062	ppb	0.0479	11.8	7.9698
Zn 206.200	23.5426	ppb	1.3504	5.7	20.4616

680-85832-e-5-a (Samp) **12/22/2012, 6:46:24 PM** **Rack 1, Tube 56**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	0.0353	-0.1852u	-0.3035u
Al 308.215	81.5520	83.2967	83.4618
As 188.980	19.2299	24.3811	23.2985
B 249.678	3.3851	3.1387	2.9457
Ba 389.178	65.1872	64.4884	64.5793
Be 313.042	0.4367	0.4271	0.4326
Ca 370.602	1929	1911	1929
Cd 226.502	-0.1497	0.0432	-0.1417
Co 228.615	1.1784	1.3631	1.5719
Cr 267.716	0.6775	0.8629	0.7163
Cu 324.754	2.0767	1.8413	1.9451
Fe 271.441	1501.05	1495.08	1497.67
K 766.491	1037.62	1026.96	1028.08
Mg 279.078	1043.64	1037.73	1044.52
Mn 257.610	15.4075	15.6475	15.5290
Mo 202.032	2.8628	2.4778	2.3320
Na 330.237	17824.1	17902.8	17959.7
Ni 231.604	2.7697	2.1329	4.1772
Pb 220.353	-1.9603u	0.0071	-0.1755u
Sb 206.834	-1.0654u	-1.0295u	-3.6672u
Se 196.026	0.7532	2.3721	-2.0221u
Sn 189.925	-0.1942u	-0.3415u	-0.3927u
Sr 216.596	33.9192	33.9575	33.5286
Ti 334.941	0.1687	0.2414	0.2052
Tl 190.794	3.9066	-3.5992u	4.7538
V 292.401	0.0570	0.0970	0.1970
Zn 206.200	8.4067	7.6591	9.5053

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1511	ppb	0.1720	113.8	-5.8305
Al 308.215	82.7701	ppb	1.0582	1.3	303.654
As 188.980	22.3032	ppb	2.7160	12.2	12.1538
B 249.678	3.1565	ppb	0.2202	7.0	65.5614
Ba 389.178	64.7516	ppb	0.3799	0.6	971.423
Be 313.042	0.4321	ppb	0.0048	1.1	367.053
Ca 370.602	1923	ppb	10.33	0.5	4985
Cd 226.502	-0.0827	ppb	0.1091	131.9	3.5875
Co 228.615	1.3711	ppb	0.1969	14.4	5.3790
Cr 267.716	0.7522	ppb	0.0978	13.0	44.3521
Cu 324.754	1.9544	ppb	0.1179	6.0	299.429
Fe 271.441	1497.93	ppb	2.9925	0.2	1716.51
K 766.491	1030.88	ppb	5.8582	0.6	35994.7
Mg 279.078	1041.96	ppb	3.6925	0.4	1845.87
Mn 257.610	15.5280	ppb	0.1200	0.8	934.603
Mo 202.032	2.5575	ppb	0.2743	10.7	20.1804
Na 330.237	17895.5	ppb	68.1054	0.4	729.591
Ni 231.604	3.0266	ppb	1.0461	34.6	5.7568
Pb 220.353	-0.7096	ppb	1.0870	153.2	1.1644
Sb 206.834	-1.9207	ppb	1.5126	78.8	1.3946
Se 196.026	0.3677	ppb	2.2223	604.3	1.6935
Sn 189.925	-0.3095	ppb	0.1031	33.3	-1.8517
Sr 216.596	33.8018	ppb	0.2373	0.7	317.617
Ti 334.941	0.2051	ppb	0.0364	17.7	-5.6191
Tl 190.794	1.6871	ppb	4.5976	272.5	-0.5171
V 292.401	0.1170	ppb	0.0721	61.6	2.2498
Zn 206.200	8.5237	ppb	0.9286	10.9	7.6761

680-85832-e-6-a (Samp) **12/22/2012, 6:52:51 PM** **Rack 1, Tube 57**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.1847u	0.0011u	0.0051u
Al 308.215	749.607	750.568	754.438
As 188.980	6.3787	8.0163	4.4026
B 249.678	3.0930	3.5257	3.5658
Ba 389.178	30.5221	30.1027	30.9058
Be 313.042	0.1786	0.1857	0.1908
Ca 370.602	2585	2572	2582
Cd 226.502	-0.1691	0.0022	-0.2749u
Co 228.615	3.0313	2.7105	2.6543
Cr 267.716	4.1173	4.0636	3.9116
Cu 324.754	0.8680	1.1332	0.9256
Fe 271.441	2113.89	2114.23	2116.29
K 766.491	1169.41	1167.22	1171.27
Mg 279.078	1077.28	1074.54	1071.88
Mn 257.610	64.6664	64.1473	64.2139
Mo 202.032	3.1367	2.8223	2.6093
Na 330.237	47260.7	47299.1	47523.8
Ni 231.604	16.4885	17.5305	16.6958
Pb 220.353	-0.9832u	0.5217	1.4673
Sb 206.834	-0.6285u	0.4171	-0.3560u
Se 196.026	-0.7362u	3.9969	4.0721
Sn 189.925	-0.0968u	2.4414	0.0879
Sr 216.596	41.2007	41.7226	41.8246
Ti 334.941	10.9545	10.6115	10.6829
Tl 190.794	0.7935	-0.4499u	-5.0899u
V 292.401	1.0177	0.9365	0.7622
Zn 206.200	21.9464	24.0781	23.3834

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0595	ppb	0.1085	182.3	-1.8253
Al 308.215	751.538	ppb	2.5569	0.3	2605.45
As 188.980	6.2659	ppb	1.8095	28.9	2.6476
B 249.678	3.3948	ppb	0.2622	7.7	67.8406
Ba 389.178	30.5102	ppb	0.4017	1.3	454.017
Be 313.042	0.1850	ppb	0.0061	3.3	84.3646
Ca 370.602	2580	ppb	7.195	0.3	6647
Cd 226.502	-0.1473	ppb	0.1399	95.0	3.5276
Co 228.615	2.7987	ppb	0.2034	7.3	19.1321
Cr 267.716	4.0308	ppb	0.1067	2.6	164.253
Cu 324.754	0.9756	ppb	0.1395	14.3	242.746
Fe 271.441	2114.81	ppb	1.2984	0.1	2428.04
K 766.491	1169.30	ppb	2.0263	0.2	40797.3
Mg 279.078	1074.57	ppb	2.6975	0.3	1902.96
Mn 257.610	64.3425	ppb	0.2824	0.4	3779.15
Mo 202.032	2.8561	ppb	0.2653	9.3	22.0168
Na 330.237	47361.2	ppb	142.103	0.3	1930.59
Ni 231.604	16.9049	ppb	0.5516	3.3	38.0491
Pb 220.353	0.3353	ppb	1.2358	368.6	2.4556
Sb 206.834	-0.1891	ppb	0.5424	286.8	3.5622
Se 196.026	2.4443	ppb	2.7546	112.7	2.5318
Sn 189.925	0.8108	ppb	1.4151	174.5	-1.0938
Sr 216.596	41.5827	ppb	0.3347	0.8	390.556
Ti 334.941	10.7496	ppb	0.1810	1.7	1006.21
Tl 190.794	-1.5821	ppb	3.1008	196.0	-2.1056
V 292.401	0.9055	ppb	0.1306	14.4	18.2144
Zn 206.200	23.1359	ppb	1.0872	4.7	20.1209

680-85832-e-7-a (Samp) **12/22/2012, 6:59:18 PM** **Rack 1, Tube 58**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.5466u	-0.3442u	0.1325
Al 308.215	143.096	142.365	143.352
As 188.980	11.5802	10.6223	9.3094
B 249.678	4.1548	4.0870	4.0575
Ba 389.178	11.8864	11.0076	12.1080
Be 313.042	0.3966	0.3878	0.3868
Ca 370.602	542.8	532.7	538.9
Cd 226.502	-0.1372u	-0.0933u	-0.1070u
Co 228.615	0.4534	0.6556	0.5229
Cr 267.716	1.0424	0.8134	0.9276
Cu 324.754	2.1769	2.1676	2.3696
Fe 271.441	76.9910	77.3890	77.6402
K 766.491	933.029	919.416	929.166
Mg 279.078	248.143	247.647	252.195
Mn 257.610	7.6380	7.4657	7.6541
Mo 202.032	2.8116	2.5076	2.6703
Na 330.237	24913.0	24726.6	25236.2
Ni 231.604	5.5460	5.1587	4.6068
Pb 220.353	-0.1451u	-0.5645u	1.8631
Sb 206.834	-1.2537u	-2.3056u	0.4191
Se 196.026	1.2920	4.8634	5.2370
Sn 189.925	0.0607	2.0825	-2.2990u
Sr 216.596	7.6459	7.6181	7.4195
Ti 334.941	0.2936	0.3591	0.2885
Tl 190.794	-1.9650u	1.5742	-5.4785u
V 292.401	2.7272	2.8125	2.5957
Zn 206.200	16.7996	15.5380	15.8071

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2527	ppb	0.3487	138.0	-9.9876
Al 308.215	142.938	ppb	0.5119	0.4	510.853
As 188.980	10.5040	ppb	1.1400	10.9	5.1598
B 249.678	4.0998	ppb	0.0499	1.2	76.6140
Ba 389.178	11.6673	ppb	0.5820	5.0	168.393
Be 313.042	0.3904	ppb	0.0054	1.4	318.995
Ca 370.602	538.1	ppb	5.048	0.9	1518
Cd 226.502	-0.1125	ppb	0.0225	20.0	-2.1155
Co 228.615	0.5439	ppb	0.1027	18.9	-2.5164
Cr 267.716	0.9278	ppb	0.1145	12.3	50.4672
Cu 324.754	2.2380	ppb	0.1140	5.1	315.877
Fe 271.441	77.3400	ppb	0.3274	0.4	78.1437
K 766.491	927.204	ppb	7.0154	0.8	32397.4
Mg 279.078	249.328	ppb	2.4945	1.0	446.129
Mn 257.610	7.5859	ppb	0.1045	1.4	470.225
Mo 202.032	2.6632	ppb	0.1521	5.7	20.8942
Na 330.237	24958.6	ppb	257.861	1.0	1017.81
Ni 231.604	5.1039	ppb	0.4720	9.2	10.5230
Pb 220.353	0.3845	ppb	1.2976	337.5	2.4861
Sb 206.834	-1.0468	ppb	1.3741	131.3	2.4515
Se 196.026	3.7975	ppb	2.1778	57.3	3.0703
Sn 189.925	-0.0519	ppb	2.1929	4223.6	-1.6778
Sr 216.596	7.5612	ppb	0.1235	1.6	70.7530
Ti 334.941	0.3137	ppb	0.0394	12.5	4.5641
Tl 190.794	-1.9565	ppb	3.5263	180.2	-2.1859
V 292.401	2.7118	ppb	0.1092	4.0	54.8244
Zn 206.200	16.0482	ppb	0.6644	4.1	14.0723

680-85832-e-8-a (Samp) **12/22/2012, 7:05:46 PM** **Rack 1, Tube 59**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.2535u	-0.1918u	0.0220u
Al 308.215	73.6034	74.1320	74.5205
As 188.980	2.5374	0.0938	3.1459
B 249.678	3.1460	3.2164	3.6356
Ba 389.178	147.595	146.522	147.441
Be 313.042	0.5387	0.5273	0.5346
Ca 370.602	8107	8097	8061
Cd 226.502	-0.2103u	-0.0551	-0.0968
Co 228.615	21.7516	21.5988	21.4973
Cr 267.716	1.7858	1.8760	1.7275
Cu 324.754	0.7227	0.9635	0.5741
Fe 271.441	954.597	956.796	951.996
K 766.491	2367.55	2359.14	2352.39
Mg 279.078	3463.61	3445.63	3438.92
Mn 257.610	233.201	231.087	230.010
Mo 202.032	0.9094	1.1267	0.7654
Na 330.237	23604.2	23667.2	23542.0
Ni 231.604	3.4498	4.1602	4.2833
Pb 220.353	1.1919	-0.6873u	0.2987
Sb 206.834	-0.7045u	-1.0348u	-2.5026u
Se 196.026	-3.9677u	4.3244	3.3436
Sn 189.925	0.6217	0.2931	1.7960
Sr 216.596	131.903	131.957	130.064
Ti 334.941	6.1376	6.1798	6.1579
Tl 190.794	0.1548	-0.6800u	-1.1947u
V 292.401	0.3529	0.0410u	0.1866
Zn 206.200	9.3179	9.3263	10.8657

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1411	ppb	0.1446	102.5	-6.0045
Al 308.215	74.0853	ppb	0.4603	0.6	273.737
As 188.980	1.9257	ppb	1.6154	83.9	0.0755
B 249.678	3.3327	ppb	0.2647	7.9	67.7746
Ba 389.178	147.186	ppb	0.5799	0.4	2218.62
Be 313.042	0.5335	ppb	0.0058	1.1	483.468
Ca 370.602	8088	ppb	24.26	0.3	22479
Cd 226.502	-0.1207	ppb	0.0803	66.5	1.0543
Co 228.615	21.6159	ppb	0.1280	0.6	197.533
Cr 267.716	1.7964	ppb	0.0748	4.2	82.3067
Cu 324.754	0.7535	ppb	0.1965	26.1	229.754
Fe 271.441	954.463	ppb	2.4029	0.3	1091.33
K 766.491	2359.69	ppb	7.5935	0.3	82098.8
Mg 279.078	3449.39	ppb	12.7707	0.4	6095.00
Mn 257.610	231.432	ppb	1.6234	0.7	13516.9
Mo 202.032	0.9339	ppb	0.1819	19.5	10.1582
Na 330.237	23604.5	ppb	62.5826	0.3	962.312
Ni 231.604	3.9644	ppb	0.4499	11.3	7.9880
Pb 220.353	0.2678	ppb	0.9400	351.0	2.3903
Sb 206.834	-1.4140	ppb	0.9571	67.7	2.0345
Se 196.026	1.2334	ppb	4.5309	367.3	2.0404
Sn 189.925	0.9036	ppb	0.7901	87.4	-1.0361
Sr 216.596	131.308	ppb	1.0773	0.8	1224.81
Ti 334.941	6.1585	ppb	0.0211	0.3	565.925
Tl 190.794	-0.5733	ppb	0.6810	118.8	-1.4366
V 292.401	0.1935	ppb	0.1561	80.7	2.8378
Zn 206.200	9.8367	ppb	0.8912	9.1	8.8292

680-85832-e-9-a (Samp) **12/22/2012, 7:12:14 PM** **Rack 1, Tube 60**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.2153u	-0.3125u	0.2612
Al 308.215	81.3111	83.6786	83.9230
As 188.980	-0.6014u	1.4524	0.0294
B 249.678	2.8484	3.2198	2.9621
Ba 389.178	147.269	146.519	147.125
Be 313.042	0.5985	0.5957	0.5935
Ca 370.602	8018	7999	8024
Cd 226.502	-0.0509	-0.1338u	0.0551
Co 228.615	21.6517	21.7278	21.5743
Cr 267.716	1.7735	1.9901	1.8510
Cu 324.754	3.9274	3.9030	3.9820
Fe 271.441	987.950	980.758	977.005
K 766.491	2299.26	2292.16	2296.23
Mg 279.078	3430.95	3453.91	3432.86
Mn 257.610	235.317	237.081	233.560
Mo 202.032	1.0827	1.0620	1.0024
Na 330.237	23351.4	23086.5	23233.7
Ni 231.604	3.6997	2.9590	2.5613
Pb 220.353	-2.5030u	-0.1735u	0.7710
Sb 206.834	-1.1956u	-1.4701u	-4.7960u
Se 196.026	3.7931	-7.9959u	-3.0254u
Sn 189.925	-0.3404u	-0.0201u	1.7634
Sr 216.596	130.687	132.746	130.746
Ti 334.941	6.5404	6.5584	6.5649
Tl 190.794	-0.3863u	2.2533	-0.5694u
V 292.401	0.0028u	-0.1800u	0.0377u
Zn 206.200	8.5249	8.3909	8.4050

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0889	ppb	0.3071	345.6	-3.6334
Al 308.215	82.9709	ppb	1.4426	1.7	304.311
As 188.980	0.2935	ppb	1.0521	358.5	-0.8921
B 249.678	3.0101	ppb	0.1903	6.3	64.2355
Ba 389.178	146.971	ppb	0.3979	0.3	2215.38
Be 313.042	0.5959	ppb	0.0025	0.4	554.435
Ca 370.602	8014	ppb	12.83	0.2	22260
Cd 226.502	-0.0432	ppb	0.0947	219.1	3.6141
Co 228.615	21.6513	ppb	0.0768	0.4	197.872
Cr 267.716	1.8715	ppb	0.1097	5.9	85.0437
Cu 324.754	3.9375	ppb	0.0405	1.0	414.601
Fe 271.441	981.905	ppb	5.5619	0.6	1122.98
K 766.491	2295.88	ppb	3.5617	0.2	79884.9
Mg 279.078	3439.24	ppb	12.7398	0.4	6077.07
Mn 257.610	235.319	ppb	1.7607	0.7	13743.3
Mo 202.032	1.0490	ppb	0.0417	4.0	10.8697
Na 330.237	23223.9	ppb	132.722	0.6	946.798
Ni 231.604	3.0733	ppb	0.5778	18.8	5.9178
Pb 220.353	-0.6351	ppb	1.6851	265.3	1.2715
Sb 206.834	-2.4872	ppb	2.0041	80.6	0.7102
Se 196.026	-2.4094	ppb	5.9186	245.6	0.5733
Sn 189.925	0.4677	ppb	1.1336	242.4	-1.3280
Sr 216.596	131.393	ppb	1.1718	0.9	1225.68
Ti 334.941	6.5546	ppb	0.0127	0.2	603.972
Tl 190.794	0.4325	ppb	1.5795	365.2	-0.9516
V 292.401	-0.0465	ppb	0.1169	251.5	-2.0585
Zn 206.200	8.4403	ppb	0.0736	0.9	7.6386

680-85832-d-10-a (Samp) **12/22/2012, 7:31:33 PM** **Rack 2, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	0.0377	0.0420	0.0591
Al 308.215	0.5118	1.4022	1.3856
As 188.980	4.9328	-0.7596u	1.9611
B 249.678	2.2056	2.0096	2.2277
Ba 389.178	0.3507	-0.8126u	-0.0901u
Be 313.042	0.0360	0.0401	0.0402
Ca 370.602	12.64	14.12	15.71
Cd 226.502	-0.0178u	0.1336	0.2025
Co 228.615	0.5116	0.1635	0.4033
Cr 267.716	0.0794	0.1101	0.1988
Cu 324.754	1.5697	1.4521	1.4779
Fe 271.441	83.9795	88.7683	83.6820
K 766.491	0.4658	0.5341	0.8645
Mg 279.078	3.3292	-0.5324u	5.2770
Mn 257.610	-0.0599u	-0.0931u	-0.1925u
Mo 202.032	0.5667	0.2602	0.3075
Na 330.237	117.999	-80.3311u	-78.7386u
Ni 231.604	0.7708	1.5620	0.2946
Pb 220.353	0.7567	-0.1456u	-0.7556u
Sb 206.834	-3.1427u	-0.9202u	-1.8821u
Se 196.026	6.4436	0.5916	5.4148
Sn 189.925	-0.8289u	-0.1519u	0.8902
Sr 216.596	-0.2053u	-0.1139u	0.1384
Ti 334.941	-0.0398u	-0.0680u	0.0261
Tl 190.794	3.5242	-0.0402u	5.0574
V 292.401	0.0823	-0.2813u	-0.0649u
Zn 206.200	2.4199	0.4932	1.7113

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0463	ppb	0.0114	24.5	3.6568
Al 308.215	1.0999	ppb	0.5093	46.3	22.5154
As 188.980	2.0447	ppb	2.8471	139.2	0.1462
B 249.678	2.1476	ppb	0.1201	5.6	55.2854
Ba 389.178	-0.1840	ppb	0.5873	319.2	-10.8913
Be 313.042	0.0388	ppb	0.0024	6.2	-79.5260
Ca 370.602	14.16	ppb	1.536	10.8	43.53
Cd 226.502	0.1061	ppb	0.1127	106.2	4.9212
Co 228.615	0.3595	ppb	0.1782	49.6	-4.2140
Cr 267.716	0.1294	ppb	0.0620	47.9	21.0941
Cu 324.754	1.4999	ppb	0.0618	4.1	272.995
Fe 271.441	85.4766	ppb	2.8546	3.3	87.4610
K 766.491	0.6215	ppb	0.2132	34.3	248.861
Mg 279.078	2.6913	ppb	2.9568	109.9	10.6824
Mn 257.610	-0.1152	ppb	0.0690	59.9	21.2777
Mo 202.032	0.3782	ppb	0.1650	43.6	6.7557
Na 330.237	-13.6903	ppb	114.049	833.1	-0.1626
Ni 231.604	0.8758	ppb	0.6402	73.1	0.6841
Pb 220.353	-0.0482	ppb	0.7609	1578.6	1.9568
Sb 206.834	-1.9817	ppb	1.1146	56.2	1.3184
Se 196.026	4.1500	ppb	3.1243	75.3	3.2123
Sn 189.925	-0.0302	ppb	0.8659	2868.3	-1.6703
Sr 216.596	-0.0603	ppb	0.1780	295.3	-0.0216
Ti 334.941	-0.0272	ppb	0.0483	177.1	-27.5480
Tl 190.794	2.8472	ppb	2.6154	91.9	0.1291
V 292.401	-0.0880	ppb	0.1829	207.9	-1.7642
Zn 206.200	1.5415	ppb	0.9746	63.2	1.7069

680-85832-e-11-a (Samp) **12/22/2012, 7:37:59 PM** **Rack 2, Tube 4**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.2187u	0.3255	0.1110
Al 308.215	7.7592	6.8145	6.4236
As 188.980	-0.1634u	3.5901	2.2420
B 249.678	5.2446	5.1871	4.5671
Ba 389.178	101.661	102.085	101.891
Be 313.042	0.2974	0.3107	0.3129
Ca 370.602	6638	6643	6664
Cd 226.502	-0.1240	-0.1680u	-0.1945u
Co 228.615	50.2552	49.8850	51.2906
Cr 267.716	-0.1238u	-0.0074	0.0817
Cu 324.754	0.2073	0.7247	0.2173
Fe 271.441	1197.06	1197.36	1199.69
K 766.491	2065.14	2068.11	2081.09
Mg 279.078	2768.35	2777.37	2772.36
Mn 257.610	599.519	602.235	596.768
Mo 202.032	1.0986	1.1794	0.8836
Na 330.237	37644.5	38112.7	38124.8
Ni 231.604	2.6948	2.8765	2.5350
Pb 220.353	-1.3991u	-0.6944u	-0.4964u
Sb 206.834	-3.7043u	-0.8828u	1.7234
Se 196.026	-6.4945u	-1.7074u	0.3402
Sn 189.925	0.4421	0.7591	1.2782
Sr 216.596	104.338	104.709	104.030
Ti 334.941	0.0459	0.0563	0.0270
Tl 190.794	-2.9761u	2.7226	-2.0627u
V 292.401	-0.0016u	-0.1823u	0.0388u
Zn 206.200	5.7173	6.5229	5.3107

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0726	ppb	0.2741	377.7	3.8686
Al 308.215	6.9991	ppb	0.6867	9.8	42.8291
As 188.980	1.8896	ppb	1.9014	100.6	0.0540
B 249.678	4.9996	ppb	0.3757	7.5	85.8539
Ba 389.178	101.879	ppb	0.2123	0.2	1533.50
Be 313.042	0.3070	ppb	0.0084	2.7	224.300
Ca 370.602	6648	ppb	13.86	0.2	18370
Cd 226.502	-0.1621	ppb	0.0356	22.0	0.3403
Co 228.615	50.4770	ppb	0.7286	1.4	471.173
Cr 267.716	-0.0165	ppb	0.1031	624.4	16.5495
Cu 324.754	0.3831	ppb	0.2959	77.2	208.177
Fe 271.441	1198.04	ppb	1.4429	0.1	1374.26
K 766.491	2071.45	ppb	8.4839	0.4	72098.0
Mg 279.078	2772.69	ppb	4.5196	0.2	4896.61
Mn 257.610	599.507	ppb	2.7335	0.5	34962.4
Mo 202.032	1.0539	ppb	0.1529	14.5	10.8889
Na 330.237	37960.7	ppb	273.854	0.7	1547.60
Ni 231.604	2.7021	ppb	0.1709	6.3	5.0415
Pb 220.353	-0.8633	ppb	0.4745	55.0	1.0432
Sb 206.834	-0.9546	ppb	2.7146	284.4	2.5940
Se 196.026	-2.6206	ppb	3.5077	133.8	0.4889
Sn 189.925	0.8265	ppb	0.4221	51.1	-1.0843
Sr 216.596	104.359	ppb	0.3397	0.3	974.297
Ti 334.941	0.0430	ppb	0.0148	34.5	-21.6831
Tl 190.794	-0.7721	ppb	3.0607	396.4	-1.3335
V 292.401	-0.0484	ppb	0.1177	243.5	-2.4929
Zn 206.200	5.8503	ppb	0.6169	10.5	5.4274

680-85832-e-12-a (Samp) **12/22/2012, 7:44:25 PM** **Rack 2, Tube 5**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.0737u	-0.1472u	-0.0293u
Al 308.215	0.7586	1.2684	-0.4789u
As 188.980	4.3124	0.4744	4.1847
B 249.678	0.6244	0.5803	0.0010
Ba 389.178	-0.0875u	-0.3364u	0.5682
Be 313.042	0.0005	0.0087	0.0030
Ca 370.602	-0.4136u	1.503	2.962
Cd 226.502	0.0661	0.0474	0.0946
Co 228.615	0.5884	0.7564	0.3442
Cr 267.716	0.8588	0.7898	0.8032
Cu 324.754	-0.0630u	0.0427	0.0201
Fe 271.441	0.8971	7.3281	3.8950
K 766.491	0.1509	0.5830	0.2611
Mg 279.078	-2.5544u	0.1770	1.0116
Mn 257.610	0.0250	-0.1170u	-0.0767u
Mo 202.032	-0.2854u	-0.1996u	0.1562
Na 330.237	24.1680	37.7044	25.2531
Ni 231.604	0.4506	0.9274	0.2899
Pb 220.353	0.1944	-0.7699u	0.0505
Sb 206.834	-2.2028u	-4.2546u	-0.3977u
Se 196.026	4.0712	0.4858	-6.0062u
Sn 189.925	0.2861	-1.3631u	1.3823
Sr 216.596	-0.3303u	-0.0970u	-0.0056u
Ti 334.941	-0.0087u	0.0019	0.0129
Tl 190.794	-2.0125u	0.6888	-1.5490u
V 292.401	-0.2900u	0.0405	-0.1792u
Zn 206.200	3.5179	3.1997	1.7074

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0834	ppb	0.0596	71.4	-2.2236
Al 308.215	0.5160	ppb	0.8986	174.1	20.5000
As 188.980	2.9905	ppb	2.1800	72.9	0.7068
B 249.678	0.4019	ppb	0.3479	86.6	36.2597
Ba 389.178	0.0481	ppb	0.4673	971.5	-7.3989
Be 313.042	0.0040	ppb	0.0042	104.1	-119.052
Ca 370.602	1.351	ppb	1.693	125.4	31.73
Cd 226.502	0.0694	ppb	0.0237	34.2	3.4889
Co 228.615	0.5630	ppb	0.2073	36.8	-2.2825
Cr 267.716	0.8173	ppb	0.0366	4.5	46.1173
Cu 324.754	-0.0001	ppb	0.0557	70265.2	185.914
Fe 271.441	4.0401	ppb	3.2179	79.7	-6.4539
K 766.491	0.3317	ppb	0.2245	67.7	238.806
Mg 279.078	-0.4553	ppb	1.8652	409.7	5.1195
Mn 257.610	-0.0562	ppb	0.0732	130.2	24.6675
Mo 202.032	-0.1096	ppb	0.2342	213.7	3.7416
Na 330.237	29.0418	ppb	7.5216	25.9	1.5882
Ni 231.604	0.5560	ppb	0.3315	59.6	-0.0628
Pb 220.353	-0.1750	ppb	0.5202	297.2	1.7981
Sb 206.834	-2.2850	ppb	1.9298	84.5	0.9487
Se 196.026	-0.4831	ppb	5.1081	1057.5	1.3461
Sn 189.925	0.1018	ppb	1.3819	1358.1	-1.5820
Sr 216.596	-0.1443	ppb	0.1674	116.0	-0.9237
Ti 334.941	0.0020	ppb	0.0108	533.8	-24.7304
Tl 190.794	-0.9575	ppb	1.4445	150.9	-1.7031
V 292.401	-0.1429	ppb	0.1682	117.7	-2.9019
Zn 206.200	2.8083	ppb	0.9666	34.4	2.7840

680-85835-a-10-a (Samp) **12/22/2012, 7:50:51 PM** **Rack 2, Tube 6**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.1726u	-0.1682u	-0.1093u
Al 308.215	3.4442	1.5302	2.5641
As 188.980	3.1390	0.1602	-2.7248u
B 249.678	1.2024	1.4248	1.1991
Ba 389.178	0.0775	0.2455	-0.2703u
Be 313.042	0.0049	-0.0016u	0.0067
Ca 370.602	286.8	289.0	288.8
Cd 226.502	0.0953	0.0355	-0.0409u
Co 228.615	0.0855	0.5035	1.0873
Cr 267.716	-0.1718u	-0.0822u	-0.0722u
Cu 324.754	-0.1385u	0.0302	-0.1678u
Fe 271.441	-1.6404u	1.9016	2.3630
K 766.491	350.868	352.421	350.796
Mg 279.078	7.5045	10.6299	11.6597
Mn 257.610	-0.2676u	-0.1490u	-0.0656u
Mo 202.032	0.0024	0.0888	0.2017
Na 330.237	444.844	339.654	298.863
Ni 231.604	0.7775	0.4863	0.2285
Pb 220.353	-0.4408u	-1.9040u	1.1979
Sb 206.834	-1.8232u	-2.4827u	-2.0706u
Se 196.026	-4.2955u	1.6378	2.9690
Sn 189.925	-0.4647u	1.8655	-0.3077u
Sr 216.596	0.2659	0.3145	0.6496
Ti 334.941	-0.0341u	-0.0303u	-0.0261u
Tl 190.794	1.0817	2.7542	5.8473
V 292.401	-0.1499u	-0.2917u	-0.1698u
Zn 206.200	7.2700	5.9473	6.7614

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1500	ppb	0.0354	23.6	-5.2558
Al 308.215	2.5128	ppb	0.9581	38.1	27.3698
As 188.980	0.1915	ppb	2.9321	1531.4	-0.9523
B 249.678	1.2754	ppb	0.1294	10.1	45.8035
Ba 389.178	0.0176	ppb	0.2631	1497.2	-7.8855
Be 313.042	0.0034	ppb	0.0043	129.7	-119.801
Ca 370.602	288.2	ppb	1.211	0.4	838.6
Cd 226.502	0.0300	ppb	0.0683	228.0	2.2441
Co 228.615	0.5588	ppb	0.5032	90.1	-2.3237
Cr 267.716	-0.1088	ppb	0.0548	50.4	12.4070
Cu 324.754	-0.0920	ppb	0.1069	116.1	180.576
Fe 271.441	0.8747	ppb	2.1903	250.4	-10.0906
K 766.491	351.362	ppb	0.9183	0.3	12418.1
Mg 279.078	9.9314	ppb	2.1639	21.8	23.4615
Mn 257.610	-0.1607	ppb	0.1015	63.2	18.5879
Mo 202.032	0.0976	ppb	0.0999	102.4	5.0239
Na 330.237	361.120	ppb	75.3204	20.9	15.1086
Ni 231.604	0.4974	ppb	0.2747	55.2	-0.1983
Pb 220.353	-0.3823	ppb	1.5517	405.9	1.5410
Sb 206.834	-2.1255	ppb	0.3332	15.7	1.1405
Se 196.026	0.1038	ppb	3.8676	3727.4	1.5824
Sn 189.925	0.3644	ppb	1.3024	357.4	-1.4061
Sr 216.596	0.4100	ppb	0.2089	50.9	4.2507
Ti 334.941	-0.0302	ppb	0.0040	13.3	-27.8445
Tl 190.794	3.2277	ppb	2.4178	74.9	0.3186
V 292.401	-0.2038	ppb	0.0768	37.7	-4.1629
Zn 206.200	6.6596	ppb	0.6672	10.0	6.0698

680-85845-c-2-a (Samp) **12/22/2012, 7:57:17 PM** **Rack 2, Tube 7**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	0.0414	-0.2312u	0.1129
Al 308.215	1056.82	1059.99	1053.57
As 188.980	7.6545	5.6720	7.1315
B 249.678	34.2158	34.7821	34.3139
Ba 389.178	84.7021	85.0490	85.7413
Be 313.042	0.0690	0.0674	0.0653
Ca 370.602	12392	12389	12335
Cd 226.502	0.7802	0.8380	0.7527
Co 228.615	1.2587	1.1658	0.8523
Cr 267.716	6.1032	6.1105	5.9766
Cu 324.754	58.7128	58.8380	58.9867
Fe 271.441	3440.17	3427.27	3425.82
K 766.491	23534.2	23522.7	23470.3
Mg 279.078	3764.93	3752.95	3748.07
Mn 257.610	58.5772	58.1925	58.6240
Mo 202.032	28.7010	28.4752	28.5364
Na 330.237	50564.5	50564.4	50484.6
Ni 231.604	4.5223	5.5466	5.3046
Pb 220.353	5.2982	8.1269	9.4208
Sb 206.834	1.7676	4.2485	3.9978
Se 196.026	-5.9848u	-5.1511u	2.3324
Sn 189.925	11.6843	12.1862	9.3670
Sr 216.596	50.2591	50.1137	49.1619
Ti 334.941	47.2302	47.1167	47.4173
Tl 190.794	-3.6308u	-6.3377u	-2.9567u
V 292.401	2.9298	2.7319	2.4185
Zn 206.200	365.129	363.795	363.992

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0256	ppb	0.1816	708.5	-0.6161
Al 308.215	1056.79	ppb	3.2059	0.3	3656.54
As 188.980	6.8193	ppb	1.0274	15.1	2.9694
B 249.678	34.4373	ppb	0.3026	0.9	406.264
Ba 389.178	85.1641	ppb	0.5291	0.6	1281.59
Be 313.042	0.0672	ppb	0.0018	2.7	-48.4974
Ca 370.602	12372	ppb	32.28	0.3	33773
Cd 226.502	0.7903	ppb	0.0435	5.5	38.3864
Co 228.615	1.0923	ppb	0.2129	19.5	3.0820
Cr 267.716	6.0635	ppb	0.0753	1.2	238.610
Cu 324.754	58.8458	ppb	0.1371	0.2	3603.20
Fe 271.441	3431.09	ppb	7.9005	0.2	3946.21
K 766.491	23509.1	ppb	34.0608	0.1	815895
Mg 279.078	3755.32	ppb	8.6751	0.2	6636.98
Mn 257.610	58.4646	ppb	0.2368	0.4	3440.34
Mo 202.032	28.5709	ppb	0.1168	0.4	181.055
Na 330.237	50537.8	ppb	46.1227	0.1	2057.92
Ni 231.604	5.1245	ppb	0.5353	10.4	10.7668
Pb 220.353	7.6153	ppb	2.1084	27.7	11.4533
Sb 206.834	3.3380	ppb	1.3657	40.9	7.6842
Se 196.026	-2.9345	ppb	4.5803	156.1	0.3696
Sn 189.925	11.0791	ppb	1.5039	13.6	5.7820
Sr 216.596	49.8449	ppb	0.5959	1.2	470.518
Ti 334.941	47.2547	ppb	0.1518	0.3	4511.40
Tl 190.794	-4.3084	ppb	1.7894	41.5	-3.5171
V 292.401	2.6934	ppb	0.2578	9.6	51.5559
Zn 206.200	364.305	ppb	0.7202	0.2	310.943

mb 680-260711/1-a (Samp) **12/22/2012, 8:03:44 PM** **Rack 2, Tube 8**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.1807u	-0.2386u	-0.1895u
Al 308.215	2.0095	-0.0292u	1.3201
As 188.980	3.4863	-0.3163u	3.0525
B 249.678	1.2946	1.4097	1.2817
Ba 389.178	-0.1681u	-0.0310u	-0.6721u
Be 313.042	0.0397	0.0491	0.0422
Ca 370.602	-2.929u	0.1496	-2.128u
Cd 226.502	-0.1201u	0.0580	-0.0369u
Co 228.615	0.3213	0.2479	0.3371
Cr 267.716	0.0733	-0.0050u	0.0187
Cu 324.754	2.2654	2.1425	2.1218
Fe 271.441	5.4001	2.3252	2.4368
K 766.491	1.4734	1.3523	1.0599
Mg 279.078	0.8504	0.4526	-0.6634u
Mn 257.610	-0.1914u	-0.2184u	-0.1618u
Mo 202.032	-0.3390u	-0.3112u	-0.4014u
Na 330.237	-110.242u	64.5742	-192.270u
Ni 231.604	1.1335	0.4072	-0.3878u
Pb 220.353	0.8083	0.9362	-0.6845u
Sb 206.834	-1.3857u	-1.7162u	-1.5261u
Se 196.026	3.4774	2.0862	-1.5281u
Sn 189.925	0.5295	2.6233	0.8565
Sr 216.596	-0.0566u	0.2690	0.0592
Ti 334.941	-0.0109u	-0.0721u	-0.0369u
Tl 190.794	-0.0436u	-1.4762u	-1.9680u
V 292.401	-0.0573u	-0.0140u	-0.0312u
Zn 206.200	0.3180	0.5134	1.8970

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2029	ppb	0.0312	15.4	-7.6561
Al 308.215	1.1001	ppb	1.0370	94.3	22.5092
As 188.980	2.0742	ppb	2.0816	100.4	0.1638
B 249.678	1.3287	ppb	0.0705	5.3	46.3852
Ba 389.178	-0.2904	ppb	0.3376	116.3	-12.5145
Be 313.042	0.0437	ppb	0.0049	11.2	-73.9292
Ca 370.602	-1.636	ppb	1.597	97.6	24.74
Cd 226.502	-0.0330	ppb	0.0891	270.0	0.2159
Co 228.615	0.3021	ppb	0.0476	15.8	-4.7491
Cr 267.716	0.0290	ppb	0.0402	138.6	17.4147
Cu 324.754	2.1766	ppb	0.0776	3.6	312.265
Fe 271.441	3.3874	ppb	1.7440	51.5	-7.2157
K 766.491	1.2952	ppb	0.2126	16.4	272.236
Mg 279.078	0.2132	ppb	0.7848	368.1	6.3004
Mn 257.610	-0.1905	ppb	0.0283	14.8	16.8392
Mo 202.032	-0.3505	ppb	0.0462	13.2	2.2513
Na 330.237	-79.3128	ppb	131.186	165.4	-2.8186
Ni 231.604	0.3843	ppb	0.7609	198.0	-0.4619
Pb 220.353	0.3534	ppb	0.9011	255.0	2.4534
Sb 206.834	-1.5427	ppb	0.1659	10.8	1.8638
Se 196.026	1.3452	ppb	2.5837	192.1	2.0824
Sn 189.925	1.3364	ppb	1.1264	84.3	-0.7558
Sr 216.596	0.0905	ppb	0.1651	182.3	1.2627
Ti 334.941	-0.0400	ppb	0.0307	76.7	-28.7719
Tl 190.794	-1.1626	ppb	0.9998	86.0	-1.8018
V 292.401	-0.0342	ppb	0.0218	63.8	-0.6311
Zn 206.200	0.9095	ppb	0.8608	94.6	1.1683

lcs 680-260711/2-a (Samp) **12/22/2012, 8:10:11 PM** **Rack 2, Tube 9**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	50.4069	50.5424	50.6967
Al 308.215	5041.99	5077.78	5031.64
As 188.980	111.668	104.904	106.693
B 249.678	206.291	206.125	208.163
Ba 389.178	101.266	101.595	100.942
Be 313.042	53.1987	53.2712	53.2475
Ca 370.602	5022	5031	5018
Cd 226.502	52.1951	52.5457	52.1239
Co 228.615	51.1833	51.7069	50.8995
Cr 267.716	103.992	103.979	104.151
Cu 324.754	101.179	102.819	100.829
Fe 271.441	5115.19	5136.71	5125.29
K 766.491	5170.45	5175.35	5180.00
Mg 279.078	5154.05	5144.03	5155.72
Mn 257.610	528.881	525.655	530.409
Mo 202.032	101.283	102.727	102.088
Na 330.237	4648.87	4601.81	4852.74
Ni 231.604	104.302	103.411	105.431
Pb 220.353	52.4804	48.8465	53.6484
Sb 206.834	50.7039	48.6196	45.1545
Se 196.026	104.391	101.857	97.9483
Sn 189.925	103.382	101.703	103.874
Sr 216.596	101.926	102.677	102.843
Ti 334.941	102.823	102.542	103.300
Tl 190.794	40.6610	39.5108	39.8607
V 292.401	103.952	103.942	103.598
Zn 206.200	108.179	108.420	107.211

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	50.5487	ppb	0.1450	0.3	2297.81
Al 308.215	5050.47	ppb	24.2087	0.5	17407.6
As 188.980	107.755	ppb	3.5049	3.3	62.7811
B 249.678	206.860	ppb	1.1317	0.5	2288.67
Ba 389.178	101.268	ppb	0.3266	0.3	1527.96
Be 313.042	53.2391	ppb	0.0370	0.1	60451.5
Ca 370.602	5024	ppb	6.923	0.1	12630
Cd 226.502	52.2883	ppb	0.2258	0.4	1683.00
Co 228.615	51.2632	ppb	0.4096	0.8	478.275
Cr 267.716	104.041	ppb	0.0958	0.1	3804.79
Cu 324.754	101.609	ppb	1.0623	1.0	6087.11
Fe 271.441	5125.73	ppb	10.7716	0.2	5905.46
K 766.491	5175.26	ppb	4.7748	0.1	179787
Mg 279.078	5151.27	ppb	6.3180	0.1	9097.33
Mn 257.610	528.315	ppb	2.4268	0.5	30819.1
Mo 202.032	102.032	ppb	0.7238	0.7	635.487
Na 330.237	4701.14	ppb	133.380	2.8	189.937
Ni 231.604	104.381	ppb	1.0125	1.0	241.685
Pb 220.353	51.6584	ppb	2.5042	4.8	65.8930
Sb 206.834	48.1593	ppb	2.8032	5.8	62.7571
Se 196.026	101.399	ppb	3.2456	3.2	42.3959
Sn 189.925	102.986	ppb	1.1380	1.1	67.2699
Sr 216.596	102.482	ppb	0.4888	0.5	958.162
Ti 334.941	102.888	ppb	0.3834	0.4	9856.00
Tl 190.794	40.0108	ppb	0.5896	1.5	18.1308
V 292.401	103.831	ppb	0.2014	0.2	2104.95
Zn 206.200	107.937	ppb	0.6401	0.6	93.1229

680-85800-c-1-d (Samp) **12/22/2012, 8:16:38 PM** **Rack 2, Tube 10**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.0705u	0.2036	-0.1868u
Al 308.215	4.8495	5.2700	6.5057
As 188.980	1.6572	-0.7673u	-3.6778u
B 249.678	512.215	513.391	512.331
Ba 389.178	-1.1583	-1.8983	-2.1909
Be 313.042	0.0421	0.0308	0.0374
Ca 370.602	46808	46889	46934
Cd 226.502	-0.0222	-0.1183u	-0.1485u
Co 228.615	1.1330	1.2274	1.0324
Cr 267.716	0.3421	-0.0282	0.2478
Cu 324.754	1.6656	1.3306	1.7477
Fe 271.441	68.7815	76.1922	71.7478
K 766.491	50312.8x	50193.2x	50213.4x
Mg 279.078	69634.6	69714.0	69588.9
Mn 257.610	10.2948	10.2001	10.0895
Mo 202.032	-0.2408u	-0.0366u	0.1265
Na 330.237	256048x	253504x	254733x
Ni 231.604	-1.0936u	-0.2103	-0.8186
Pb 220.353	0.2328	-0.7977u	2.1336
Sb 206.834	-3.4273u	-3.3326u	-1.0364u
Se 196.026	4.3228	4.9037	-0.1510u
Sn 189.925	0.6883	1.2929	2.8967
Sr 216.596	701.768	702.557	699.838
Ti 334.941	0.3431	0.2492	0.3526
Tl 190.794	1.0945	-1.2978u	0.1574
V 292.401	0.7989	0.7830	0.7010
Zn 206.200	1.4280	-0.1962	-0.7499

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0179b	ppb	0.2005	1121.3	-4.9972
Al 308.215	5.5418b	ppb	0.8609	15.5	37.8233
As 188.980	-0.9293b	ppb	2.6712	287.4	-1.6166
B 249.678	512.646b	ppb	0.6479	0.1	5631.49
Ba 389.178	-1.7492b	ppb	0.5322	30.4	25.0555
Be 313.042	0.0368b	ppb	0.0057	15.5	-90.0963
Ca 370.602	46877b	ppb	63.90	0.1	131732
Cd 226.502	-0.0964b	ppb	0.0659	68.4	1.4146
Co 228.615	1.1309b	ppb	0.0975	8.6	3.1436
Cr 267.716	0.1872b	ppb	0.1925	102.8	26.4743
Cu 324.754	1.5813b	ppb	0.2209	14.0	277.712
Fe 271.441	72.2405b	ppb	3.7298	5.2	73.1096
K 766.491	50239.8xb	ppb	64.0163	0.1	1743341
Mg 279.078	69645.8b	ppb	63.3398	0.1	122992
Mn 257.610	10.1948b	ppb	0.1028	1.0	698.886
Mo 202.032	-0.0503b	ppb	0.1840	366.0	4.1054
Na 330.237	254762xb	ppb	1272.27	0.5	10383.6
Ni 231.604	-0.7075b	ppb	0.4520	63.9	-1.0562
Pb 220.353	0.5229b	ppb	1.4870	284.4	2.6660
Sb 206.834	-2.5987b	ppb	1.3539	52.1	0.5617
Se 196.026	3.0252b	ppb	2.7659	91.4	2.7593
Sn 189.925	1.6260b	ppb	1.1413	70.2	-0.4755
Sr 216.596	701.388b	ppb	1.3988	0.2	6533.17
Ti 334.941	0.3150b	ppb	0.0571	18.1	-0.0583
Tl 190.794	-0.0153b	ppb	1.2055	7891.7	-1.2455
V 292.401	0.7610b	ppb	0.0525	6.9	9.3311
Zn 206.200	0.1606b	ppb	1.1320	704.6	-1.6567

680-85800-c-1-dSD^5 (Samp) **12/22/2012, 8:23:05 PM** **Rack 2, Tube 11**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.2146u	0.0213u	-0.1596u
Al 308.215	1.7032	3.6935	1.6965
As 188.980	-4.3870u	1.8477	4.7306
B 249.678	102.754	102.855	104.077
Ba 389.178	-0.1324	-0.6838	-1.3796u
Be 313.042	0.0078	0.0118	0.0101
Ca 370.602	9445	9424	9465
Cd 226.502	0.0218	0.0561	0.0105
Co 228.615	0.7657	0.4028	0.2021
Cr 267.716	-0.0284u	-0.0148	-0.1388u
Cu 324.754	0.3789	0.1680	0.3355
Fe 271.441	16.0955	11.6035	13.9376
K 766.491	9181.19	9186.52	9208.71
Mg 279.078	14002.9	13949.5	14071.2
Mn 257.610	1.8996	1.8808	1.8758
Mo 202.032	0.0244	-0.0933u	-0.2074u
Na 330.237	46646.0	46231.9	46564.6
Ni 231.604	0.2754	-0.0061	0.4898
Pb 220.353	0.3853	-0.5197u	-0.7896u
Sb 206.834	-1.5994u	-1.3838u	-4.0651u
Se 196.026	0.1037	-0.8052u	-4.0521u
Sn 189.925	2.7894	0.2323	2.6188
Sr 216.596	141.010	141.460	142.036
Ti 334.941	0.1155	0.0792	-0.0309u
Tl 190.794	4.8167	-0.1987u	-0.6814u
V 292.401	0.1078	0.1029	-0.2101u
Zn 206.200	0.6817	0.1577	0.3682

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1176	ppb	0.1234	105.0	-4.9376
Al 308.215	2.3644	ppb	1.1510	48.7	26.8632
As 188.980	0.7304	ppb	4.6604	638.0	-0.6328
B 249.678	103.229	ppb	0.7365	0.7	1159.43
Ba 389.178	-0.7319	ppb	0.6250	85.4	-7.1892
Be 313.042	0.0099	ppb	0.0020	20.0	-113.661
Ca 370.602	9445	ppb	20.83	0.2	26564
Cd 226.502	0.0295	ppb	0.0238	80.6	2.8811
Co 228.615	0.4569	ppb	0.2857	62.5	-3.2784
Cr 267.716	-0.0607	ppb	0.0680	112.1	14.7545
Cu 324.754	0.2941	ppb	0.1114	37.9	202.989
Fe 271.441	13.8789	ppb	2.2466	16.2	5.0593
K 766.491	9192.14	ppb	14.5936	0.2	319156
Mg 279.078	14007.9	ppb	61.0264	0.4	24742.2
Mn 257.610	1.8854	ppb	0.0126	0.7	153.286
Mo 202.032	-0.0921	ppb	0.1159	125.8	3.8493
Na 330.237	46480.8	ppb	219.416	0.5	1894.76
Ni 231.604	0.2530	ppb	0.2487	98.3	-0.3748
Pb 220.353	-0.3080	ppb	0.6154	199.8	1.6341
Sb 206.834	-2.3494	ppb	1.4897	63.4	0.8675
Se 196.026	-1.5846	ppb	2.1848	137.9	0.9025
Sn 189.925	1.8802	ppb	1.4296	76.0	-0.3758
Sr 216.596	141.502	ppb	0.5144	0.4	1318.37
Ti 334.941	0.0546	ppb	0.0762	139.6	-20.6526
Tl 190.794	1.3122	ppb	3.0446	232.0	-0.6065
V 292.401	0.0002	ppb	0.1821	101514.3	-1.1701
Zn 206.200	0.4026	ppb	0.2637	65.5	0.9634

680-85800-c-1-dPDS (Samp) **12/22/2012, 8:29:33 PM** **Rack 2, Tube 12**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	53.5996	53.6732	53.5072
Al 308.215	2087.60	2102.96	2109.71
As 188.980	2180.76	2197.83	2168.73
B 249.678	1558.00	1560.51	1560.10
Ba 389.178	2032.20	2034.11	2030.86
Be 313.042	52.6366	52.6410	52.5721
Ca 370.602	51419	51615	51596
Cd 226.502	50.9725	51.5308	51.1924
Co 228.615	506.154	508.771	509.929
Cr 267.716	204.502	204.181	203.724
Cu 324.754	260.154	260.821	261.252
Fe 271.441	1090.03	1082.58	1090.36
K 766.491	55879.2x	55728.0x	55830.8x
Mg 279.078	74769.2	74764.3	74514.8
Mn 257.610	540.463	536.151	532.900
Mo 202.032	503.590	509.945	507.409
Na 330.237	261230x	261371x	261627x
Ni 231.604	505.794	506.725	500.526
Pb 220.353	496.464	499.444	495.836
Sb 206.834	504.450	516.510	511.517
Se 196.026	2113.40	2128.28	2120.05
Sn 189.925	1013.94	1026.07	1016.32
Sr 216.596	1198.25	1198.87	1193.76
Ti 334.941	1017.03	1007.70	1003.39
Tl 190.794	1980.53	2009.04	2006.50
V 292.401	508.706	508.555	509.106
Zn 206.200	501.922	507.465	505.567

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	53.5933b	ppb	0.0832	0.2	2428.89
Al 308.215	2100.09b	ppb	11.3318	0.5	7277.09
As 188.980	2182.44b	ppb	14.6228	0.7	1292.45
B 249.678	1559.54b	ppb	1.3462	0.1	17066.0
Ba 389.178	2032.39b	ppb	1.6322	0.1	30772.9
Be 313.042	52.6166b	ppb	0.0386	0.1	59759.6
Ca 370.602	51544b	ppb	108.0	0.2	144603
Cd 226.502	51.2319b	ppb	0.2812	0.5	1638.95
Co 228.615	508.285b	ppb	1.9342	0.4	4819.76
Cr 267.716	204.136b	ppb	0.3908	0.2	7449.08
Cu 324.754	260.742b	ppb	0.5535	0.2	15341.9
Fe 271.441	1087.66b	ppb	4.4001	0.4	1288.10
K 766.491	55812.7xb	ppb	77.2012	0.1	1936696
Mg 279.078	74682.8b	ppb	145.479	0.2	131882
Mn 257.610	536.505b	ppb	3.7942	0.7	31371.0
Mo 202.032	506.981b	ppb	3.1990	0.6	3140.58
Na 330.237	261409xb	ppb	200.816	0.1	10647.9
Ni 231.604	504.348b	ppb	3.3431	0.7	1174.63
Pb 220.353	497.248b	ppb	1.9276	0.4	617.196
Sb 206.834	510.826b	ppb	6.0595	1.2	629.458
Se 196.026	2120.58b	ppb	7.4568	0.4	855.621
Sn 189.925	1018.78b	ppb	6.4274	0.6	680.191
Sr 216.596	1196.96b	ppb	2.7896	0.2	11123.1
Ti 334.941	1009.37b	ppb	6.9692	0.7	96891.7
Tl 190.794	1998.69b	ppb	15.7813	0.8	965.284
V 292.401	508.789b	ppb	0.2847	0.1	10317.0
Zn 206.200	504.985b	ppb	2.8167	0.6	421.298

680-85800-c-1-e ms (Samp) **12/22/2012, 8:48:53 PM** **Rack 2, Tube 15**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	52.7294	52.6005	53.2344
Al 308.215	5415.60	5402.67	5334.76
As 188.980	112.441	116.963	117.428
B 249.678	711.313	715.334	721.401
Ba 389.178	100.001	100.872	101.578
Be 313.042	53.6264	53.7408	53.8711
Ca 370.602	51831	51792	51653
Cd 226.502	51.6518	51.8017	52.2782
Co 228.615	51.3711	51.6697	51.6022
Cr 267.716	103.350	103.325	103.627
Cu 324.754	104.631	106.463	105.756
Fe 271.441	5133.72	5122.10	5130.48
K 766.491	55800.8x	56007.9x	55944.7x
Mg 279.078	74380.3	74309.3	74665.9
Mn 257.610	536.471	538.130	546.764
Mo 202.032	103.483	101.821	102.325
Na 330.237	260918x	261147x	261178x
Ni 231.604	100.259	100.944	101.074
Pb 220.353	49.1482	48.8113	49.3224
Sb 206.834	49.5867	51.0053	53.4921
Se 196.026	110.590	108.084	107.432
Sn 189.925	100.592	101.806	103.355
Sr 216.596	797.002	794.532	800.266
Ti 334.941	102.973	103.207	104.993
Tl 190.794	37.6706	32.1346	38.5140
V 292.401	103.957	104.488	104.289
Zn 206.200	101.218	99.4739	102.024

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	52.8548b	ppb	0.3350	0.6	2396.97
Al 308.215	5384.34b	ppb	43.4252	0.8	18556.7
As 188.980	115.611b	ppb	2.7549	2.4	67.4374
B 249.678	716.016b	ppb	5.0789	0.7	7850.21
Ba 389.178	100.817b	ppb	0.7900	0.8	1580.49
Be 313.042	53.7461b	ppb	0.1224	0.2	61019.8
Ca 370.602	51758b	ppb	93.56	0.2	143951
Cd 226.502	51.9106b	ppb	0.3271	0.6	1673.99
Co 228.615	51.5477b	ppb	0.1566	0.3	481.002
Cr 267.716	103.434b	ppb	0.1679	0.2	3786.00
Cu 324.754	105.617b	ppb	0.9241	0.9	6319.81
Fe 271.441	5128.77b	ppb	5.9994	0.1	5909.84
K 766.491	55917.8xb	ppb	106.186	0.2	1940343
Mg 279.078	74451.8b	ppb	188.767	0.3	131474
Mn 257.610	540.455b	ppb	5.5261	1.0	31602.9
Mo 202.032	102.543b	ppb	0.8522	0.8	638.655
Na 330.237	261081xb	ppb	142.223	0.1	10639.2
Ni 231.604	100.759b	ppb	0.4378	0.4	235.196
Pb 220.353	49.0940b	ppb	0.2598	0.5	62.7044
Sb 206.834	51.3613b	ppb	1.9769	3.8	66.7019
Se 196.026	108.702b	ppb	1.6674	1.5	45.3374
Sn 189.925	101.918b	ppb	1.3851	1.4	66.6415
Sr 216.596	797.267b	ppb	2.8759	0.4	7429.41
Ti 334.941	103.725b	ppb	1.1049	1.1	9930.91
Tl 190.794	36.1064b	ppb	3.4654	9.6	16.2483
V 292.401	104.245b	ppb	0.2684	0.3	2107.14
Zn 206.200	100.905b	ppb	1.3033	1.3	87.2539

680-85800-c-1-f msd (Samp) **12/22/2012, 8:55:19 PM** **Rack 2, Tube 16**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	53.5367	53.7259	53.2977
Al 308.215	5388.12	5423.33	5451.26
As 188.980	116.228	115.665	116.634
B 249.678	727.341	730.168	728.597
Ba 389.178	100.741	100.582	101.733
Be 313.042	54.4288	54.4222	54.3989
Ca 370.602	52285	52443	52540
Cd 226.502	52.2684	52.6389	52.3073
Co 228.615	52.4071	51.9062	51.0226
Cr 267.716	105.147	105.006	105.152
Cu 324.754	108.533	108.842	108.132
Fe 271.441	5189.13	5193.28	5201.70
K 766.491	56650.8x	56689.0x	56798.2x
Mg 279.078	75531.9	75586.6	75340.5
Mn 257.610	551.045	547.715	544.089
Mo 202.032	103.771	103.187	103.221
Na 330.237	263058x	264105x	264007x
Ni 231.604	102.059	101.243	102.295
Pb 220.353	48.7343	49.8446	51.4412
Sb 206.834	54.6036	49.5375	51.4411
Se 196.026	104.479	109.514	107.076
Sn 189.925	105.313	108.311	104.141
Sr 216.596	810.586	810.180	805.305
Ti 334.941	105.989	105.138	104.538
Tl 190.794	34.9622	38.1260	33.3974
V 292.401	105.143	105.689	105.747
Zn 206.200	105.918	104.580	102.034

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	53.5201b	ppb	0.2146	0.4	2427.11
Al 308.215	5420.90b	ppb	31.6382	0.6	18682.6
As 188.980	116.175b	ppb	0.4865	0.4	67.7718
B 249.678	728.702b	ppb	1.4162	0.2	7988.74
Ba 389.178	101.019b	ppb	0.6237	0.6	1584.42
Be 313.042	54.4166b	ppb	0.0158	0.0	61782.7
Ca 370.602	52423b	ppb	129.0	0.2	145796
Cd 226.502	52.4049b	ppb	0.2036	0.4	1690.03
Co 228.615	51.7786b	ppb	0.7010	1.4	483.203
Cr 267.716	105.102b	ppb	0.0829	0.1	3846.76
Cu 324.754	108.502b	ppb	0.3559	0.3	6487.31
Fe 271.441	5194.70b	ppb	6.4081	0.1	5985.93
K 766.491	56712.7xb	ppb	76.4917	0.1	1967922
Mg 279.078	75486.3b	ppb	129.221	0.2	133301
Mn 257.610	547.616b	ppb	3.4794	0.6	32021.4
Mo 202.032	103.393b	ppb	0.3276	0.3	643.912
Na 330.237	263723xb	ppb	578.257	0.2	10746.8
Ni 231.604	101.866b	ppb	0.5522	0.5	237.799
Pb 220.353	50.0067b	ppb	1.3607	2.7	63.8346
Sb 206.834	51.8607b	ppb	2.5590	4.9	67.3221
Se 196.026	107.023b	ppb	2.5179	2.4	44.6613
Sn 189.925	105.922b	ppb	2.1506	2.0	69.3221
Sr 216.596	808.691b	ppb	2.9388	0.4	7535.88
Ti 334.941	105.221b	ppb	0.7292	0.7	10074.6
Tl 190.794	35.4952b	ppb	2.4089	6.8	15.9527
V 292.401	105.526b	ppb	0.3335	0.3	2133.11
Zn 206.200	104.177b	ppb	1.9728	1.9	90.0534

680-85800-c-2-b (Samp) **12/22/2012, 9:01:45 PM** **Rack 2, Tube 17**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	0.2778	-0.2390u	-0.1857u
Al 308.215	12.1302	8.3741	8.7265
As 188.980	0.0451	-1.2746u	3.4482
B 249.678	440.321	442.197	444.830
Ba 389.178	-1.0795	-1.1729	-0.2407
Be 313.042	0.0144	0.0072	0.0157
Ca 370.602	41296	41178	41102
Cd 226.502	-0.0746	0.0015	-0.0056
Co 228.615	0.6261	0.5727	0.9271
Cr 267.716	0.4682	0.3927	0.3987
Cu 324.754	0.2448	0.4617	-0.0275u
Fe 271.441	34.2098	30.8605	34.4475
K 766.491	29271.6	29353.3	29239.0
Mg 279.078	49350.6	49319.9	49576.9
Mn 257.610	15.0579	15.2435	15.3118
Mo 202.032	0.0572	0.6403	0.4513
Na 330.237	163526x	164576x	164358x
Ni 231.604	-1.0439u	-1.5899u	-2.1533u
Pb 220.353	-0.2591u	0.1519	0.8556
Sb 206.834	-0.9533u	-1.6026u	0.1241
Se 196.026	7.2137	1.0095	0.4547
Sn 189.925	1.0940	2.1486	1.2300
Sr 216.596	380.608	381.037	384.287
Ti 334.941	1.8946	1.9544	1.9350
Tl 190.794	5.5861	-0.2591u	-4.3750u
V 292.401	1.3861	1.3512	1.3612
Zn 206.200	3.9552	3.3072	3.9018

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0490b	ppb	0.2842	580.3	-3.9045
Al 308.215	9.7436b	ppb	2.0743	21.3	52.3197
As 188.980	0.7396b	ppb	2.4368	329.5	-0.6275
B 249.678	442.449b	ppb	2.2649	0.5	4864.72
Ba 389.178	-0.8310b	ppb	0.5134	61.8	20.6865
Be 313.042	0.0124b	ppb	0.0046	36.6	-112.030
Ca 370.602	41192b	ppb	97.87	0.2	115769
Cd 226.502	-0.0262b	ppb	0.0420	160.3	3.3025
Co 228.615	0.7086b	ppb	0.1911	27.0	-0.8538
Cr 267.716	0.4199b	ppb	0.0420	10.0	33.7600
Cu 324.754	0.2263b	ppb	0.2451	108.3	199.078
Fe 271.441	33.1726b	ppb	2.0059	6.0	27.9241
K 766.491	29288.0b	ppb	58.8662	0.2	1016398
Mg 279.078	49415.8b	ppb	140.377	0.3	87268.3
Mn 257.610	15.2044b	ppb	0.1314	0.9	968.483
Mo 202.032	0.3829b	ppb	0.2975	77.7	6.7869
Na 330.237	164153xb	ppb	554.000	0.3	6690.52
Ni 231.604	-1.5957b	ppb	0.5547	34.8	-3.6864
Pb 220.353	0.2495b	ppb	0.5638	226.0	2.3257
Sb 206.834	-0.8106b	ppb	0.8721	107.6	2.7631
Se 196.026	2.8927b	ppb	3.7524	129.7	2.7058
Sn 189.925	1.4909b	ppb	0.5737	38.5	-0.5928
Sr 216.596	381.977b	ppb	2.0112	0.5	3559.20
Ti 334.941	1.9280b	ppb	0.0305	1.6	156.817
Tl 190.794	0.3173b	ppb	5.0055	1577.5	-1.0795
V 292.401	1.3662b	ppb	0.0180	1.3	22.6205
Zn 206.200	3.7214b	ppb	0.3597	9.7	-4.3635

680-85800-c-3-b (Samp) **12/22/2012, 9:08:11 PM** **Rack 2, Tube 18**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.0935u	-0.3502u	0.4818
Al 308.215	12.0904	15.0903	13.5976
As 188.980	0.4080	-1.5852u	1.9598
B 249.678	308.740	307.629	307.157
Ba 389.178	2.4940	2.9329	3.2291
Be 313.042	0.0164	0.0115	0.0198
Ca 370.602	60890	61042	61082
Cd 226.502	-0.1403	-0.1265	-0.2008u
Co 228.615	0.1770	0.3803	0.5519
Cr 267.716	0.5421	0.5430	0.5113
Cu 324.754	1.1387	1.0074	1.2891
Fe 271.441	30.1048	30.9378	30.0885
K 766.491	20251.9	20243.9	20300.3
Mg 279.078	53264.4	53196.1	53175.9
Mn 257.610	12.5359	12.5662	12.4166
Mo 202.032	1.2528	1.7323	1.7004
Na 330.237	105901x	106015x	106618x
Ni 231.604	-0.5936	-0.3638	-1.6422u
Pb 220.353	0.1009	0.2097	2.2350
Sb 206.834	-1.4619u	-1.7655u	-0.4441u
Se 196.026	2.3182	5.3050	-7.7030u
Sn 189.925	1.7856	0.2595	0.9385
Sr 216.596	648.509	646.702	644.920
Ti 334.941	0.6127	0.5655	0.8308
Tl 190.794	-2.8567u	-1.0019u	-2.5334u
V 292.401	1.4162	1.1829	1.5457
Zn 206.200	-1.0344u	0.1540	-0.9191

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0127b	ppb	0.4260	3353.7	-3.0495
Al 308.215	13.5928b	ppb	1.5000	11.0	65.5843
As 188.980	0.2609b	ppb	1.7771	681.2	-0.9115
B 249.678	307.842b	ppb	0.8128	0.3	3394.41
Ba 389.178	2.8853b	ppb	0.3698	12.8	78.0049
Be 313.042	0.0159b	ppb	0.0042	26.3	-99.9349
Ca 370.602	61004b	ppb	101.3	0.2	171442
Cd 226.502	-0.1559b	ppb	0.0396	25.4	0.9003
Co 228.615	0.3697b	ppb	0.1877	50.8	-4.1271
Cr 267.716	0.5322b	ppb	0.0181	3.4	37.1039
Cu 324.754	1.1451b	ppb	0.1409	12.3	252.423
Fe 271.441	30.3770b	ppb	0.4857	1.6	25.0359
K 766.491	20265.4b	ppb	30.4923	0.2	703352
Mg 279.078	53212.2b	ppb	46.3550	0.1	93972.3
Mn 257.610	12.5062b	ppb	0.0791	0.6	815.596
Mo 202.032	1.5618b	ppb	0.2681	17.2	14.0804
Na 330.237	106178xb	ppb	385.008	0.4	4326.93
Ni 231.604	-0.8665b	ppb	0.6815	78.7	-1.8854
Pb 220.353	0.8485b	ppb	1.2019	141.6	3.0667
Sb 206.834	-1.2239b	ppb	0.6921	56.6	2.2404
Se 196.026	-0.0266b	ppb	6.8136	25609.8	1.5300
Sn 189.925	0.9945b	ppb	0.7646	76.9	-0.9334
Sr 216.596	646.710b	ppb	1.7941	0.3	6024.97
Ti 334.941	0.6697b	ppb	0.1415	21.1	37.5189
Tl 190.794	-2.1307b	ppb	0.9908	46.5	-2.2648
V 292.401	1.3816b	ppb	0.1839	13.3	20.8441
Zn 206.200	-0.5998b	ppb	0.6554	109.3	-0.7413

680-85800-c-4-b (Samp) **12/22/2012, 9:14:37 PM** **Rack 2, Tube 19**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.5090u	-0.0901u	-0.0383u
Al 308.215	252.161	249.535	247.538
As 188.980	2.8828	1.4719	3.1656
B 249.678	929.604	933.571	937.313
Ba 389.178	6.3973	5.9764	7.4505
Be 313.042	0.0187	0.0229	0.0234
Ca 370.602	133313	132900	132790
Cd 226.502	-0.3735u	-0.3008u	-0.3713u
Co 228.615	1.3007	1.5534	1.4980
Cr 267.716	1.1299	0.9590	0.8746
Cu 324.754	0.4424	0.0791	-0.1620u
Fe 271.441	196.433	196.291	191.601
K 766.491	77092.3x	77107.0x	77032.8x
Mg 279.078	131296	131514	131683
Mn 257.610	27.8829	28.0464	28.5352
Mo 202.032	3.0013	3.3700	3.5746
Na 330.237	535580x	536061x	535615x
Ni 231.604	-1.7098u	-0.6943	-0.2072
Pb 220.353	-0.0927u	-1.3431u	-0.0814u
Sb 206.834	-4.2755u	-0.1054u	-0.4034u
Se 196.026	-0.5938u	-0.2854u	6.7461
Sn 189.925	1.3283	2.0736	2.5008
Sr 216.596	1660.00	1666.42	1667.95
Ti 334.941	4.6080	4.6734	4.7774
Tl 190.794	-1.8057u	3.7355	0.8656
V 292.401	3.4035	3.2870	3.1955
Zn 206.200	-0.7745	-2.0767	-2.9483u

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2125b	ppb	0.2581	121.5	-21.4229
Al 308.215	249.745b	ppb	2.3187	0.9	878.465
As 188.980	2.5068b	ppb	0.9073	36.2	0.4192
B 249.678	933.496b	ppb	3.8553	0.4	10228.4
Ba 389.178	6.6081b	ppb	0.7593	11.5	199.092
Be 313.042	0.0216b	ppb	0.0026	12.0	-107.769
Ca 370.602	133001b	ppb	276.0	0.2	373701
Cd 226.502	-0.3485b	ppb	0.0414	11.9	-0.5741
Co 228.615	1.4507b	ppb	0.1328	9.2	6.1941
Cr 267.716	0.9878b	ppb	0.1300	13.2	59.2516
Cu 324.754	0.1199b	ppb	0.3042	253.8	192.989
Fe 271.441	194.775b	ppb	2.7496	1.4	216.032
K 766.491	77077.4xb	ppb	39.2567	0.1	2674492
Mg 279.078	131498b	ppb	194.058	0.1	232215
Mn 257.610	28.1548b	ppb	0.3394	1.2	1813.86
Mo 202.032	3.3153b	ppb	0.2905	8.8	24.9258
Na 330.237	535752xb	ppb	268.077	0.1	21836.4
Ni 231.604	-0.8704b	ppb	0.7667	88.1	0.2960
Pb 220.353	-0.5057b	ppb	0.7252	143.4	1.3828
Sb 206.834	-1.5948b	ppb	2.3264	145.9	1.7726
Se 196.026	1.9556b	ppb	4.1515	212.3	2.3289
Sn 189.925	1.9676b	ppb	0.5934	30.2	-0.1393
Sr 216.596	1664.79b	ppb	4.2189	0.3	15507.7
Ti 334.941	4.6863b	ppb	0.0854	1.8	413.546
Tl 190.794	0.9318b	ppb	2.7712	297.4	-0.7862
V 292.401	3.2953b	ppb	0.1043	3.2	49.7270
Zn 206.200	-1.9332b	ppb	1.0940	56.6	-0.8714

680-85800-c-5-b (Samp) **12/22/2012, 9:21:04 PM** **Rack 2, Tube 20**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.1068u	0.1575	-0.3102u
Al 308.215	4.9625	3.2560	5.8389
As 188.980	26.6965	27.0960	26.1713
B 249.678	911.056	908.734	908.994
Ba 389.178	60.9412	61.0446	59.7855
Be 313.042	0.1159	0.1136	0.1037
Ca 370.602	41812	41851	41851
Cd 226.502	-0.0007	0.1372	0.0878
Co 228.615	1.2646	0.7466	0.9100
Cr 267.716	-0.0750	-0.2162	-0.0389
Cu 324.754	4.7339	4.6946	4.6824
Fe 271.441	116.576	112.665	124.916
K 766.491	78760.7x	78760.8x	78877.8x
Mg 279.078	93257.5	92940.3	92842.6
Mn 257.610	29.4556	29.1449	29.0650
Mo 202.032	6.1437	5.4894	5.8040
Na 330.237	754103x	755945x	749308x
Ni 231.604	-1.3563u	-0.0383	-1.5723u
Pb 220.353	-0.7559u	-0.3764u	-0.4670u
Sb 206.834	-3.6163u	-2.9406u	-1.8155u
Se 196.026	1.7157	5.5052	3.2070
Sn 189.925	0.4442	3.9206	2.3582
Sr 216.596	746.360	739.996	740.393
Ti 334.941	0.1358u	0.2022	0.0002u
Tl 190.794	2.1972	-6.3653u	2.9046
V 292.401	0.5903	0.4175u	0.4087u
Zn 206.200	0.6555	-0.0460	0.6145

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0865b	ppb	0.2345	271.1	-8.6077
Al 308.215	4.6858b	ppb	1.3135	28.0	34.9517
As 188.980	26.6546b	ppb	0.4638	1.7	14.7323
B 249.678	909.595b	ppb	1.2722	0.1	9967.33
Ba 389.178	60.5904b	ppb	0.6990	1.2	989.737
Be 313.042	0.1111b	ppb	0.0065	5.8	-40.5973
Ca 370.602	41838b	ppb	22.79	0.1	117556
Cd 226.502	0.0748b	ppb	0.0699	93.4	4.6565
Co 228.615	0.9738b	ppb	0.2648	27.2	1.5245
Cr 267.716	-0.1100b	ppb	0.0937	85.2	22.0661
Cu 324.754	4.7037b	ppb	0.0269	0.6	459.095
Fe 271.441	118.052b	ppb	6.2575	5.3	125.858
K 766.491	78799.8xb	ppb	67.5680	0.1	2734252
Mg 279.078	93013.5b	ppb	216.922	0.2	164257
Mn 257.610	29.2218b	ppb	0.2064	0.7	1832.80
Mo 202.032	5.8123b	ppb	0.3272	5.6	40.3734
Na 330.237	753119xb	ppb	3426.61	0.5	30699.3
Ni 231.604	-0.9890b	ppb	0.8303	84.0	-1.0548
Pb 220.353	-0.5331b	ppb	0.1982	37.2	1.3535
Sb 206.834	-2.7908b	ppb	0.9097	32.6	0.2631
Se 196.026	3.4760b	ppb	1.9090	54.9	2.9410
Sn 189.925	2.2410b	ppb	1.7412	77.7	0.0697
Sr 216.596	742.250b	ppb	3.5649	0.5	6913.28
Ti 334.941	0.1127b	ppb	0.1029	91.3	-31.7906
Tl 190.794	-0.4212b	ppb	5.1599	1225.1	-1.4397
V 292.401	0.4721b	ppb	0.1024	21.7	0.8032
Zn 206.200	0.4080b	ppb	0.3937	96.5	2.2473

680-85800-c-6-b (Samp) **12/22/2012, 9:27:31 PM** **Rack 2, Tube 21**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.0609u	0.0504u	-0.1968u
Al 308.215	5.3774	3.9916	4.0902
As 188.980	17.0747	11.5537	14.6118
B 249.678	1453.58	1466.49	1470.49
Ba 389.178	117.920	118.850	119.176
Be 313.042	0.0494u	0.0503u	0.0570
Ca 370.602	61067	60936	60921
Cd 226.502	-0.1484u	-0.1470u	-0.0365u
Co 228.615	0.5561	0.4866	-0.0931u
Cr 267.716	-0.4421u	-0.5444u	-0.4693u
Cu 324.754	0.9056	0.9184	0.7957
Fe 271.441	41.7627	38.4974	39.6649
K 766.491	88205.3x	88350.0x	88298.2x
Mg 279.078	121986	122623	122553
Mn 257.610	43.4205	44.3976	44.2281
Mo 202.032	10.3502	9.8607	9.7371
Na 330.237	1052077x	1064589x	1056022x
Ni 231.604	-0.5047	-0.8684	-1.2103
Pb 220.353	2.1342	0.4956	0.1970
Sb 206.834	-0.2796u	-5.0681u	-2.7246u
Se 196.026	6.5611	-2.7854u	4.9985
Sn 189.925	-1.1469u	-0.6733u	2.7248
Sr 216.596	1034.31	1043.38	1044.82
Ti 334.941	0.2742	0.2579u	0.2372u
Tl 190.794	-3.3342u	3.4406	-2.1016u
V 292.401	0.2939u	0.5383u	0.6366u
Zn 206.200	-0.5741	0.5013	0.5187

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0691b	ppb	0.1238	179.1	-10.2497
Al 308.215	4.4864b	ppb	0.7732	17.2	34.3207
As 188.980	14.4134b	ppb	2.7658	19.2	7.4753
B 249.678	1463.52b	ppb	8.8393	0.6	16017.8
Ba 389.178	118.649b	ppb	0.6517	0.5	1892.33
Be 313.042	0.0522b	ppb	0.0042	8.0	-123.386
Ca 370.602	60975b	ppb	79.92	0.1	171355
Cd 226.502	-0.1106b	ppb	0.0642	58.1	-1.2101
Co 228.615	0.3165b	ppb	0.3564	112.6	-4.8023
Cr 267.716	-0.4853b	ppb	0.0530	10.9	12.3032
Cu 324.754	0.8733b	ppb	0.0674	7.7	236.820
Fe 271.441	39.9750b	ppb	1.6546	4.1	36.1253
K 766.491	88284.5xb	ppb	73.3422	0.1	3063333
Mg 279.078	122387b	ppb	349.458	0.3	216127
Mn 257.610	44.0154b	ppb	0.5221	1.2	2726.87
Mo 202.032	9.9827b	ppb	0.3242	3.2	66.1775
Na 330.237	1057562xb	ppb	6396.66	0.6	43109.5
Ni 231.604	-0.8612b	ppb	0.3529	41.0	0.0573
Pb 220.353	0.9423b	ppb	1.0430	110.7	3.1776
Sb 206.834	-2.6908b	ppb	2.3944	89.0	0.3412
Se 196.026	2.9247b	ppb	5.0065	171.2	2.7187
Sn 189.925	0.3015b	ppb	2.1119	700.4	-1.1383
Sr 216.596	1040.84b	ppb	5.6960	0.5	9694.04
Ti 334.941	0.2564b	ppb	0.0186	7.2	-25.3023
Tl 190.794	-0.6651b	ppb	3.6087	542.6	-1.5476
V 292.401	0.4896b	ppb	0.1765	36.0	-2.9730
Zn 206.200	0.1486b	ppb	0.6260	421.1	-2.5021

680-85800-c-7-b (Samp) **12/22/2012, 9:33:58 PM** **Rack 2, Tube 22**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.0307u	-0.1468u	0.1208u
Al 308.215	7.0420	7.0016	6.4495
As 188.980	4.6989	4.6547	0.4756
B 249.678	359.220	358.670	357.191
Ba 389.178	56.0548	55.7769	55.9195
Be 313.042	-0.0247	-0.0320u	-0.0247
Ca 370.602	250607	250482	252056
Cd 226.502	-0.5179	-0.6669u	-0.6228u
Co 228.615	0.0519	0.0011	0.4566
Cr 267.716	-0.0329	-0.0642	0.0365
Cu 324.754	-0.1108u	-0.1399u	0.2705
Fe 271.441	50.7122	46.4759	46.1478
K 766.491	45378.1x	45374.8x	45379.9x
Mg 279.078	105768	105593	105451
Mn 257.610	248.382	246.949	246.217
Mo 202.032	0.1875	-0.4512u	0.3633
Na 330.237	303355x	304200x	302945x
Ni 231.604	0.2532	-0.5923	-1.4010u
Pb 220.353	-1.6310u	-0.4482u	0.1640
Sb 206.834	-2.8521u	-1.9405u	-3.1360u
Se 196.026	6.5766	0.2100	2.7056
Sn 189.925	-0.1554	3.3662	-2.4426u
Sr 216.596	3246.85	3240.49	3230.79
Ti 334.941	0.4851	0.6037	0.4731
Tl 190.794	-3.4738u	3.0124	2.6612
V 292.401	0.5789u	0.8571u	0.7825u
Zn 206.200	-1.3456	-0.0869	0.6742

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0189b	ppb	0.1342	709.5	-23.7650
Al 308.215	6.8310b	ppb	0.3310	4.8	42.2129
As 188.980	3.2764b	ppb	2.4256	74.0	0.8762
B 249.678	358.360b	ppb	1.0491	0.3	3946.25
Ba 389.178	55.9171b	ppb	0.1390	0.2	905.868
Be 313.042	-0.0271b	ppb	0.0042	15.5	-121.204
Ca 370.602	251048b	ppb	874.9	0.3	705465
Cd 226.502	-0.6025b	ppb	0.0766	12.7	0.0829
Co 228.615	0.1698b	ppb	0.2496	147.0	-5.9827
Cr 267.716	-0.0202b	ppb	0.0515	255.0	19.5416
Cu 324.754	0.0066b	ppb	0.2290	3466.3	186.315
Fe 271.441	47.7786b	ppb	2.5458	5.3	48.5651
K 766.491	45377.6xb	ppb	2.5853	0.0	1574642
Mg 279.078	105604b	ppb	158.513	0.2	186488
Mn 257.610	247.183b	ppb	1.1010	0.4	14547.7
Mo 202.032	0.0332b	ppb	0.4286	1290.0	4.6238
Na 330.237	303500xb	ppb	639.926	0.2	12369.1
Ni 231.604	-0.5801b	ppb	0.8272	142.6	0.2432
Pb 220.353	-0.6384b	ppb	0.9125	142.9	1.2605
Sb 206.834	-2.6429b	ppb	0.6246	23.6	0.5028
Se 196.026	3.1641b	ppb	3.2080	101.4	2.8151
Sn 189.925	0.2560b	ppb	2.9262	1142.9	-1.3051
Sr 216.596	3239.37b	ppb	8.0894	0.2	30173.7
Ti 334.941	0.5206b	ppb	0.0722	13.9	19.0392
Tl 190.794	0.7332b	ppb	3.6477	497.5	-0.7609
V 292.401	0.7395b	ppb	0.1440	19.5	-14.9337
Zn 206.200	-0.2527b	ppb	1.0201	403.6	-1.8880

680-85800-c-8-b (Samp) **12/22/2012, 9:40:26 PM** **Rack 2, Tube 23**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.0030u	-0.3587u	-0.0241u
Al 308.215	9.1235	7.8442	8.4632
As 188.980	14.4222	16.8838	14.9369
B 249.678	1035.63	1044.08	1044.11
Ba 389.178	50.9232	51.1657	51.6988
Be 313.042	0.0324	0.0287u	0.0307u
Ca 370.602	23492	23397	23390
Cd 226.502	-0.0442u	-0.1810u	0.0418
Co 228.615	0.3341	0.5093	0.3439
Cr 267.716	-0.4941u	-0.2988u	-0.3063u
Cu 324.754	0.0811	0.1551	0.6439
Fe 271.441	-0.3934	-9.1754u	1.6142
K 766.491	61035.9x	60882.6x	60855.2x
Mg 279.078	34139.6	34283.0	34212.2
Mn 257.610	5.4929	5.7911	5.5998
Mo 202.032	5.1746	4.2180	4.8729
Na 330.237	604466x	604645x	601126x
Ni 231.604	0.2122	-0.3480	1.4559
Pb 220.353	-2.1056u	-1.9430u	-1.0781u
Sb 206.834	0.5403	0.7985	1.0690
Se 196.026	1.3899	5.0533	-3.7791u
Sn 189.925	-0.2492	0.4773	0.6330
Sr 216.596	421.007	423.729	423.125
Ti 334.941	0.0438u	0.0294u	0.1346u
Tl 190.794	0.6693	-0.2337u	1.1683
V 292.401	0.2997u	0.1112u	0.1236u
Zn 206.200	13.6809	14.1540	15.3485

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1286b	ppb	0.1996	155.2	-7.6487
Al 308.215	8.4770b	ppb	0.6397	7.5	47.9745
As 188.980	15.4143b	ppb	1.2984	8.4	8.0698
B 249.678	1041.27b	ppb	4.8897	0.5	11405.7
Ba 389.178	51.2626b	ppb	0.3968	0.8	795.851
Be 313.042	0.0306b	ppb	0.0018	6.0	-124.128
Ca 370.602	23426b	ppb	57.10	0.2	65857
Cd 226.502	-0.0611b	ppb	0.1124	183.8	-1.3608
Co 228.615	0.3958b	ppb	0.0985	24.9	-3.9475
Cr 267.716	-0.3664b	ppb	0.1106	30.2	10.7758
Cu 324.754	0.2934b	ppb	0.3058	104.3	203.048
Fe 271.441	-2.6515b	ppb	5.7383	216.4	-13.7223
K 766.491	60924.6xb	ppb	97.4224	0.2	2114057
Mg 279.078	34211.6b	ppb	71.7150	0.2	60419.6
Mn 257.610	5.6280b	ppb	0.1511	2.7	393.043
Mo 202.032	4.7551b	ppb	0.4891	10.3	33.8386
Na 330.237	603413xb	ppb	1982.09	0.3	24598.5
Ni 231.604	0.4400b	ppb	0.9233	209.8	0.6208
Pb 220.353	-1.7089b	ppb	0.5523	32.3	-0.1088
Sb 206.834	0.8026b	ppb	0.2644	32.9	4.7008
Se 196.026	0.8880b	ppb	4.4376	499.7	1.8983
Sn 189.925	0.2871b	ppb	0.4709	164.0	-1.2853
Sr 216.596	422.620b	ppb	1.4297	0.3	3936.26
Ti 334.941	0.0693b	ppb	0.0570	82.3	-33.1062
Tl 190.794	0.5346b	ppb	0.7106	132.9	-0.9822
V 292.401	0.1782b	ppb	0.1055	59.2	-2.6356
Zn 206.200	14.3945b	ppb	0.8594	6.0	13.2166

680-85800-c-9-b (Samp) **12/22/2012, 9:46:53 PM** **Rack 2, Tube 24**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.2428u	-0.1713u	0.2528
Al 308.215	5.4105	5.7106	6.9401
As 188.980	3.2077	3.4893	3.2951
B 249.678	516.323	514.385	512.823
Ba 389.178	-1.8193	-1.1928	-1.5547
Be 313.042	0.0528	0.0664	0.0643
Ca 370.602	46749	46803	46912
Cd 226.502	-0.0799	-0.1163u	-0.1373u
Co 228.615	0.9367	1.5488	0.8629
Cr 267.716	0.2955	0.4147	0.3183
Cu 324.754	2.5893	2.2058	2.6002
Fe 271.441	72.2042	75.4030	75.4588
K 766.491	50031.0x	50215.2x	49978.0x
Mg 279.078	69400.2	69355.7	69161.7
Mn 257.610	9.8129	9.9787	9.7774
Mo 202.032	0.1565	-0.0497u	-0.4149u
Na 330.237	254803x	256093x	254927x
Ni 231.604	-0.7995	-0.8821u	-0.8338u
Pb 220.353	-2.9200u	1.5232	1.8589
Sb 206.834	-2.5817u	-5.1326u	-1.9547u
Se 196.026	2.7425	8.0127	0.7312
Sn 189.925	2.9034	-2.7350u	1.5202
Sr 216.596	695.836	693.863	693.053
Ti 334.941	0.3078	0.3412	0.2965
Tl 190.794	2.1276	5.0035	2.8619
V 292.401	0.9507	1.0187	0.8090
Zn 206.200	-0.9174	-0.8586	1.4193

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0538b	ppb	0.2679	498.0	-6.5281
Al 308.215	6.0204b	ppb	0.8105	13.5	39.4803
As 188.980	3.3307b	ppb	0.1442	4.3	0.9085
B 249.678	514.510b	ppb	1.7535	0.3	5651.85
Ba 389.178	-1.5223b	ppb	0.3145	20.7	28.2601
Be 313.042	0.0612b	ppb	0.0074	12.0	-62.3786
Ca 370.602	46821b	ppb	82.84	0.2	131574
Cd 226.502	-0.1112b	ppb	0.0290	26.1	0.9332
Co 228.615	1.1161b	ppb	0.3765	33.7	3.0006
Cr 267.716	0.3428b	ppb	0.0633	18.5	32.1405
Cu 324.754	2.4651b	ppb	0.2246	9.1	329.019
Fe 271.441	74.3554b	ppb	1.8631	2.5	75.5512
K 766.491	50074.7xb	ppb	124.487	0.2	1737612
Mg 279.078	69305.9b	ppb	126.841	0.2	122392
Mn 257.610	9.8563b	ppb	0.1074	1.1	678.865
Mo 202.032	-0.1027b	ppb	0.2893	281.8	3.7810
Na 330.237	255274xb	ppb	711.486	0.3	10404.5
Ni 231.604	-0.8385b	ppb	0.0415	4.9	-1.3679
Pb 220.353	0.1541b	ppb	2.6675	1731.4	2.2087
Sb 206.834	-3.2230b	ppb	1.6832	52.2	-0.2082
Se 196.026	3.8288b	ppb	3.7603	98.2	3.0829
Sn 189.925	0.5629b	ppb	2.9386	522.1	-1.1869
Sr 216.596	694.251b	ppb	1.4314	0.2	6466.72
Ti 334.941	0.3151b	ppb	0.0233	7.4	-0.0483
Tl 190.794	3.3310b	ppb	1.4942	44.9	0.3707
V 292.401	0.9261b	ppb	0.1070	11.6	12.7091
Zn 206.200	-0.1189b	ppb	1.3324	1120.6	-1.4135

680-85800-c-10-b (Samp) **12/22/2012, 10:06:14 PM** **Rack 2, Tube 27**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.3413u	-0.0824u	0.0075u
Al 308.215	263.109	266.800	265.254
As 188.980	3.0557	3.1507	-2.6992u
B 249.678	922.031	926.025	928.648
Ba 389.178	7.7293	7.2800	7.8358
Be 313.042	0.0243	0.0137	0.0162
Ca 370.602	131617	131468	131670
Cd 226.502	-0.3718u	-0.3336u	-0.2722
Co 228.615	1.4361	1.1724	1.4295
Cr 267.716	1.0022	0.9194	0.9764
Cu 324.754	0.1250	0.5835	0.6781
Fe 271.441	204.982	214.263	199.906
K 766.491	75898.9x	75985.1x	75886.5x
Mg 279.078	130266	130435	130492
Mn 257.610	28.1275	28.1585	28.0971
Mo 202.032	3.3681	3.4900	3.4642
Na 330.237	529879x	528105x	529475x
Ni 231.604	0.6984	-0.4032	-1.3301
Pb 220.353	0.4693	1.3514	-0.1169u
Sb 206.834	-1.5746u	-2.5926u	-1.9352u
Se 196.026	1.3568	1.4095	-1.6507u
Sn 189.925	-0.1807	-0.9712u	0.8784
Sr 216.596	1651.01	1651.92	1654.00
Ti 334.941	5.0653	5.1404	5.0279
Tl 190.794	-2.8719u	-3.1505u	-7.2634u
V 292.401	3.1943	3.3689	3.4577
Zn 206.200	-1.7120	0.4627	-0.3225

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1387b	ppb	0.1811	130.6	-17.9773
Al 308.215	265.054b	ppb	1.8536	0.7	931.158
As 188.980	1.1691b	ppb	3.3503	286.6	-0.3737
B 249.678	925.568b	ppb	3.3322	0.4	10141.8
Ba 389.178	7.6150b	ppb	0.2950	3.9	213.378
Be 313.042	0.0181b	ppb	0.0055	30.6	-111.672
Ca 370.602	131585b	ppb	104.7	0.1	369720
Cd 226.502	-0.3258b	ppb	0.0502	15.4	0.0917
Co 228.615	1.3460b	ppb	0.1504	11.2	5.2085
Cr 267.716	0.9660b	ppb	0.0424	4.4	58.3731
Cu 324.754	0.4622b	ppb	0.2958	64.0	212.864
Fe 271.441	206.384b	ppb	7.2805	3.5	229.406
K 766.491	75923.5xb	ppb	53.6976	0.1	2634458
Mg 279.078	130398b	ppb	117.646	0.1	230273
Mn 257.610	28.1277b	ppb	0.0307	0.1	1810.99
Mo 202.032	3.4408b	ppb	0.0643	1.9	25.7020
Na 330.237	529153xb	ppb	930.295	0.2	21567.4
Ni 231.604	-0.3450b	ppb	1.0155	294.4	1.4858
Pb 220.353	0.5679b	ppb	0.7391	130.1	2.7133
Sb 206.834	-2.0342b	ppb	0.5162	25.4	1.2316
Se 196.026	0.3719b	ppb	1.7518	471.1	1.6911
Sn 189.925	-0.0912b	ppb	0.9280	1018.2	-1.5193
Sr 216.596	1652.31b	ppb	1.5328	0.1	15391.4
Ti 334.941	5.0779b	ppb	0.0573	1.1	451.297
Tl 190.794	-4.4286b	ppb	2.4590	55.5	-3.3757
V 292.401	3.3403b	ppb	0.1340	4.0	50.8398
Zn 206.200	-0.5240b	ppb	1.1013	210.2	-2.0537

mb 680-260659/1-a (Samp) **12/22/2012, 10:12:41 PM** **Rack 2, Tube 28**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	0.0629	0.1876	-0.2817u
Al 308.215	5.2634	3.4426	4.9870
As 188.980	-0.8227u	4.0854	1.5045
B 249.678	7.2563	6.1121	5.0488
Ba 389.178	-0.1027u	-0.2043u	-0.0618u
Be 313.042	0.0072	0.0128	0.0067
Ca 370.602	12.17	11.69	11.61
Cd 226.502	0.0572	0.0624	0.1132
Co 228.615	0.6117	-0.0779u	0.3702
Cr 267.716	0.1300	0.0872	0.1067
Cu 324.754	0.0379	0.0065	-0.0212u
Fe 271.441	32.5422	29.1479	25.0120
K 766.491	5.9156	5.8798	5.3115
Mg 279.078	15.2423	14.8849	12.6397
Mn 257.610	0.1178	0.0422	0.1676
Mo 202.032	-0.1933u	0.4461	0.1005
Na 330.237	260.132	209.766	106.683
Ni 231.604	0.2274	-0.0455u	1.3694
Pb 220.353	1.0506	-0.2162u	-0.9702u
Sb 206.834	-1.6363u	-1.0880u	-1.8068u
Se 196.026	0.1102	-1.9832u	5.3147
Sn 189.925	4.3166	5.8393	3.3842
Sr 216.596	-0.2074u	-0.2204u	0.0471
Ti 334.941	0.0355	0.0755	0.1173
Tl 190.794	-0.7782u	0.2701	-1.6659u
V 292.401	0.1331	-0.0968u	-0.2996u
Zn 206.200	1.4914	0.7092	0.6244

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0104	ppb	0.2431	2335.0	1.0921
Al 308.215	4.5644	ppb	0.9812	21.5	34.4381
As 188.980	1.5891	ppb	2.4552	154.5	-0.1239
B 249.678	6.1391	ppb	1.1040	18.0	98.9133
Ba 389.178	-0.1229	ppb	0.0734	59.7	-9.9666
Be 313.042	0.0089	ppb	0.0034	38.6	-113.522
Ca 370.602	11.82	ppb	0.2996	2.5	53.89
Cd 226.502	0.0776	ppb	0.0310	39.9	3.8306
Co 228.615	0.3013	ppb	0.3499	116.1	-4.7669
Cr 267.716	0.1080	ppb	0.0214	19.8	20.3011
Cu 324.754	0.0077	ppb	0.0296	383.9	186.370
Fe 271.441	28.9007	ppb	3.7712	13.0	22.2011
K 766.491	5.7023	ppb	0.3389	5.9	425.144
Mg 279.078	14.2556	ppb	1.4108	9.9	31.0975
Mn 257.610	0.1092	ppb	0.0632	57.8	34.3366
Mo 202.032	0.1177	ppb	0.3201	271.8	5.1472
Na 330.237	192.194	ppb	78.2189	40.7	8.2434
Ni 231.604	0.5171	ppb	0.7506	145.2	-0.1517
Pb 220.353	-0.0453	ppb	1.0212	2255.3	1.9592
Sb 206.834	-1.5104	ppb	0.3756	24.9	1.8994
Se 196.026	1.1473	ppb	3.7579	327.6	2.0028
Sn 189.925	4.5134	ppb	1.2393	27.5	1.3703
Sr 216.596	-0.1269	ppb	0.1509	118.9	-0.7206
Ti 334.941	0.0761	ppb	0.0409	53.7	-17.6294
Tl 190.794	-0.7247	ppb	0.9691	133.7	-1.5925
V 292.401	-0.0877	ppb	0.2165	246.7	-1.7740
Zn 206.200	0.9417	ppb	0.4780	50.8	-1.1958

lcs 680-260659/2-a (Samp) **12/22/2012, 10:19:07 PM** **Rack 2, Tube 29**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	52.5528	52.3876	52.1093
Al 308.215	5164.07	5168.87	5209.44
As 188.980	112.240	105.226	111.598
B 249.678	213.926	213.728	214.096
Ba 389.178	104.990	105.951	105.328
Be 313.042	55.5728	55.5428	55.4697
Ca 370.602	5228	5230	5256
Cd 226.502	53.3022	53.8867	53.5024
Co 228.615	54.0236	54.0069	53.8843
Cr 267.716	109.692	109.559	109.391
Cu 324.754	107.271	108.610	108.139
Fe 271.441	5357.33	5352.25	5343.36
K 766.491	5125.95	5122.90	5107.08
Mg 279.078	5279.47	5282.84	5275.98
Mn 257.610	558.161	558.113	552.273
Mo 202.032	107.098	106.684	107.599
Na 330.237	4829.69	4786.32	4830.82
Ni 231.604	106.982	107.662	109.358
Pb 220.353	52.4119	50.9183	51.0969
Sb 206.834	45.4388	50.4098	49.3406
Se 196.026	100.325	111.379	101.798
Sn 189.925	114.003	117.522	114.845
Sr 216.596	106.873	106.895	106.217
Ti 334.941	109.309	109.452	108.195
Tl 190.794	41.0410	51.3513	34.5540
V 292.401	108.752	108.322	108.520
Zn 206.200	106.123	108.987	109.195

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	52.3499	ppb	0.2241	0.4	2379.63
Al 308.215	5180.79	ppb	24.9250	0.5	17856.4
As 188.980	109.688	ppb	3.8774	3.5	63.9255
B 249.678	213.916	ppb	0.1840	0.1	2365.64
Ba 389.178	105.423	ppb	0.4876	0.5	1590.90
Be 313.042	55.5284	ppb	0.0530	0.1	63056.3
Ca 370.602	5238	ppb	15.79	0.3	13168
Cd 226.502	53.5638	ppb	0.2970	0.6	1724.34
Co 228.615	53.9716	ppb	0.0761	0.1	503.954
Cr 267.716	109.547	ppb	0.1507	0.1	4005.29
Cu 324.754	108.007	ppb	0.6794	0.6	6458.67
Fe 271.441	5350.98	ppb	7.0714	0.1	6165.53
K 766.491	5118.65	ppb	10.1291	0.2	177823
Mg 279.078	5279.43	ppb	3.4294	0.1	9323.42
Mn 257.610	556.182	ppb	3.3853	0.6	32443.0
Mo 202.032	107.127	ppb	0.4580	0.4	666.998
Na 330.237	4815.61	ppb	25.3698	0.5	194.534
Ni 231.604	108.001	ppb	1.2234	1.1	250.112
Pb 220.353	51.4757	ppb	0.8157	1.6	65.6595
Sb 206.834	48.3964	ppb	2.6166	5.4	63.0340
Se 196.026	104.501	ppb	6.0019	5.7	43.6459
Sn 189.925	115.456	ppb	1.8373	1.6	75.6149
Sr 216.596	106.661	ppb	0.3855	0.4	997.254
Ti 334.941	108.985	ppb	0.6883	0.6	10441.5
Tl 190.794	42.3154	ppb	8.4708	20.0	19.2484
V 292.401	108.532	ppb	0.2151	0.2	2200.21
Zn 206.200	108.102	ppb	1.7170	1.6	93.2469

680-85929-b-6-a (Samp) **12/22/2012, 10:25:34 PM** **Rack 2, Tube 30**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	0.0256u	-0.6889u	-0.1700u
Al 308.215	74190.0	74551.6	74162.5
As 188.980	239.722	241.042	230.459
B 249.678	-63.3962u	-63.0638u	-61.8845u
Ba 389.178	1257.61	1257.59	1260.74
Be 313.042	6.4187	6.4241	6.4338
Ca 370.602	429679	428182	428186
Cd 226.502	10.7303	10.1300	10.5563
Co 228.615	40.6214	41.9630	41.0722
Cr 267.716	861.067	859.746	862.657
Cu 324.754	477.913	478.362	474.975
Fe 271.441	469113	469642	470171
K 766.491	8645.05	8631.92	8664.96
Mg 279.078	176836	176576	177014
Mn 257.610	18214.3	18090.4	18212.3
Mo 202.032	20.7973	20.6592	20.1293
Na 330.237	1260.02u	1152.45u	1177.26u
Ni 231.604	63.2503	66.0124	62.7849
Pb 220.353	3273.62	3269.57	3275.17
Sb 206.834	38.5159	37.6229	28.9153
Se 196.026	32.2563	22.3080	21.9341
Sn 189.925	2689.00	2665.17	2677.11
Sr 216.596	320.075	320.660	319.505
Ti 334.941	2678.52	2663.59	2689.66
Tl 190.794	16.5977u	18.0805u	17.2551u
V 292.401	695.695	697.248	699.623
Zn 206.200	3435.71	3436.29	3438.45

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2778	ppb	0.3693	132.9	-99.4399
Al 308.215	74301.4	ppb	217.144	0.3	255780
As 188.980	237.075	ppb	5.7671	2.4	139.456
B 249.678	-62.7815	ppb	0.7944	1.3	-901.362
Ba 389.178	1258.65	ppb	1.8094	0.1	19208.2
Be 313.042	6.4256	ppb	0.0076	0.1	7352.18
Ca 370.602	428682	ppb	863.1	0.2	1064770
Cd 226.502	10.4722	ppb	0.3089	2.9	1901.95
Co 228.615	41.2188	ppb	0.6827	1.7	449.084
Cr 267.716	861.157	ppb	1.4577	0.2	31483.1
Cu 324.754	477.083	ppb	1.8396	0.4	27910.8
Fe 271.441	469642	ppb	529.047	0.1	541630
K 766.491	8647.31	ppb	16.6358	0.2	300253
Mg 279.078	176809	ppb	220.302	0.1	312089
Mn 257.610	18172.3	ppb	70.9470	0.4	1059295
Mo 202.032	20.5286	ppb	0.3526	1.7	112.693
Na 330.237	1196.58	ppb	56.3250	4.7	-77.1327
Ni 231.604	64.0159	ppb	1.7447	2.7	166.404
Pb 220.353	3272.78	ppb	2.8927	0.1	4068.24
Sb 206.834	35.0181	ppb	5.3040	15.1	59.8363
Se 196.026	25.4995	ppb	5.8546	23.0	13.3005
Sn 189.925	2677.09	ppb	11.9174	0.4	1789.95
Sr 216.596	320.080	ppb	0.5776	0.2	3795.92
Ti 334.941	2677.26	ppb	13.0777	0.5	257085
Tl 190.794	17.3111	ppb	0.7430	4.3	-13.0161
V 292.401	697.522	ppb	1.9783	0.3	14302.9
Zn 206.200	3436.82	ppb	1.4453	0.0	2030.67

680-85929-b-6-aSD^5 (Samp) **12/22/2012, 10:32:00 PM** **Rack 2, Tube 31**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.3778u	-0.0265u	-0.0734u
Al 308.215	13995.5	13912.2	13832.9
As 188.980	48.5709	45.4193	49.2634
B 249.678	-11.2866u	-11.1254u	-11.6163u
Ba 389.178	257.153	255.342	251.978
Be 313.042	1.3195	1.2955	1.2859
Ca 370.602	88673	87931	87191
Cd 226.502	1.7577	1.3758	1.1011
Co 228.615	9.2685	8.8764	8.3273
Cr 267.716	181.558	179.378	177.621
Cu 324.754	91.2203	90.5812	90.5159
Fe 271.441	98715.0	97401.7	96626.7
K 766.491	1459.42	1436.03	1421.23
Mg 279.078	36275.9	35821.0	35416.0
Mn 257.610	3972.43	3892.74	3840.38
Mo 202.032	4.1098	3.9692	4.3948
Na 330.237	154.380u	356.869u	48.3085u
Ni 231.604	14.0174	15.1586	14.0633
Pb 220.353	705.145	699.421	694.555
Sb 206.834	6.0446	5.6884	6.6142
Se 196.026	7.9641	4.2826	5.3298
Sn 189.925	577.606	570.841	566.353
Sr 216.596	68.7069	67.6254	66.2358
Ti 334.941	552.856	540.733	532.992
Tl 190.794	6.3364u	5.5138u	6.3703u
V 292.401	144.233	141.845	141.028
Zn 206.200	750.006	741.030	733.500

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1592	ppb	0.1908	119.8	-24.0651
Al 308.215	13913.5	ppb	81.3182	0.6	47912.7
As 188.980	47.7512	ppb	2.0490	4.3	27.2379
B 249.678	-11.3427	ppb	0.2502	2.2	-143.531
Ba 389.178	254.824	ppb	2.6263	1.0	3882.62
Be 313.042	1.3003	ppb	0.0173	1.3	1389.47
Ca 370.602	87932	ppb	740.8	0.8	218013
Cd 226.502	1.4115	ppb	0.3298	23.4	372.178
Co 228.615	8.8241	ppb	0.4728	5.4	89.4291
Cr 267.716	179.519	ppb	1.9720	1.1	6575.97
Cu 324.754	90.7725	ppb	0.3892	0.4	5461.33
Fe 271.441	97581.1	ppb	1055.68	1.1	112530
K 766.491	1438.89	ppb	19.2544	1.3	50150.9
Mg 279.078	35837.6	ppb	430.170	1.2	63260.6
Mn 257.610	3901.85	ppb	66.4967	1.7	227463
Mo 202.032	4.1579	ppb	0.2169	5.2	26.2125
Na 330.237	186.519	ppb	156.771	84.1	-18.2943
Ni 231.604	14.4131	ppb	0.6460	4.5	36.0666
Pb 220.353	699.707	ppb	5.3009	0.8	871.373
Sb 206.834	6.1158	ppb	0.4670	7.6	13.9696
Se 196.026	5.8588	ppb	1.8969	32.4	4.2104
Sn 189.925	571.600	ppb	5.6647	1.0	380.884
Sr 216.596	67.5227	ppb	1.2387	1.8	798.729
Ti 334.941	542.194	ppb	10.0119	1.8	52044.8
Tl 190.794	6.0735	ppb	0.4850	8.0	-2.4324
V 292.401	142.369	ppb	1.6653	1.2	2919.35
Zn 206.200	741.512	ppb	8.2636	1.1	632.591

680-85929-b-6-aPDS (Samp) **12/22/2012, 10:38:27 PM** **Rack 2, Tube 32**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	52.5281	51.8358	52.9705
Al 308.215	74909.8	74934.6	74304.0
As 188.980	2310.73	2307.23	2287.97
B 249.678	932.961	937.293	941.752
Ba 389.178	3172.16	3174.97	3171.16
Be 313.042	55.7068	55.7534	55.7018
Ca 370.602	424720	423823	423500
Cd 226.502	56.1981	56.0840	55.8739
Co 228.615	507.911	507.506	506.675
Cr 267.716	1039.51	1040.65	1040.40
Cu 324.754	735.579	733.145	727.554
Fe 271.441	461721	461748	460663
K 766.491	15109.1	15092.7	15083.4
Mg 279.078	178746	178751	178586
Mn 257.610	18323.2	18321.8	18473.4
Mo 202.032	497.357	498.497	495.863
Na 330.237	6682.50	6807.98	6679.73
Ni 231.604	525.701	519.363	524.163
Pb 220.353	3671.46	3669.74	3648.56
Sb 206.834	521.706	528.280	528.430
Se 196.026	2046.60	2054.69	2041.84
Sn 189.925	3561.21	3574.12	3561.37
Sr 216.596	779.690	778.872	779.323
Ti 334.941	3506.64	3511.52	3540.29
Tl 190.794	1818.20	1797.03	1790.94
V 292.401	1175.10	1172.81	1172.10
Zn 206.200	3817.50	3823.21	3803.24

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	52.4448	ppb	0.5719	1.1	2295.83
Al 308.215	74716.1	ppb	357.099	0.5	257236
As 188.980	2301.98	ppb	12.2584	0.5	1363.31
B 249.678	937.335	ppb	4.3956	0.5	10026.6
Ba 389.178	3172.77	ppb	1.9768	0.1	48138.7
Be 313.042	55.7207	ppb	0.0285	0.1	63459.3
Ca 370.602	424014	ppb	632.2	0.1	1053891
Cd 226.502	56.0520	ppb	0.1645	0.3	3328.60
Co 228.615	507.364	ppb	0.6299	0.1	4874.00
Cr 267.716	1040.19	ppb	0.5993	0.1	37996.7
Cu 324.754	732.093	ppb	4.1148	0.6	42731.4
Fe 271.441	461377	ppb	618.864	0.1	532138
K 766.491	15095.1	ppb	13.0428	0.1	523963
Mg 279.078	178694	ppb	93.9279	0.1	315417
Mn 257.610	18372.8	ppb	87.1671	0.5	1070973
Mo 202.032	497.239	ppb	1.3211	0.3	3061.93
Na 330.237	6723.40	ppb	73.2566	1.1	144.486
Ni 231.604	523.076	ppb	3.3065	0.6	1234.68
Pb 220.353	3663.25	ppb	12.7521	0.3	4550.98
Sb 206.834	526.139	ppb	3.8394	0.7	661.267
Se 196.026	2047.71	ppb	6.5008	0.3	827.735
Sn 189.925	3565.57	ppb	7.4107	0.2	2384.51
Sr 216.596	779.295	ppb	0.4101	0.1	8034.88
Ti 334.941	3519.49	ppb	18.1828	0.5	337957
Tl 190.794	1802.06	ppb	14.3078	0.8	850.414
V 292.401	1173.34	ppb	1.5695	0.1	23954.9
Zn 206.200	3814.65	ppb	10.2869	0.3	3252.09

680-85929-b-6-b ms (Samp) **12/22/2012, 10:44:54 PM** **Rack 2, Tube 33**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	52.4886	52.7781	52.0720
Al 308.215	110805	112370	112993
As 188.980	352.803	350.931	347.915
B 249.678	166.576	166.536	162.753
Ba 389.178	1470.07	1469.42	1467.16
Be 313.042	61.9436	61.8121	61.7727
Ca 370.602	251935	251547	251847
Cd 226.502	58.4906	57.9713	57.8545
Co 228.615	103.022	103.116	103.471
Cr 267.716	796.283	794.233	790.831
Cu 324.754	536.756	543.594	535.325
Fe 271.441	323791	323273	323696
K 766.491	15955.7	15858.2	15857.3
Mg 279.078	119145	119232	118668
Mn 257.610	6606.44	6548.67	6519.19
Mo 202.032	115.885	117.116	116.285
Na 330.237	6535.91	6576.17	6641.21
Ni 231.604	187.274	187.919	188.440
Pb 220.353	2769.43	2779.68	2790.69
Sb 206.834	89.3119	82.4042	79.7662
Se 196.026	114.192	114.874	109.085
Sn 189.925	177.823	183.840	180.183
Sr 216.596	458.142	459.642	457.632
Ti 334.941	2275.29	2258.54	2239.11
Tl 190.794	59.2541	62.2135	60.6211
V 292.401	588.680	586.233	586.628
Zn 206.200	3087.80	3103.62	3088.81

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	52.4462	ppb	0.3549	0.7	2323.28
Al 308.215	112056	ppb	1127.16	1.0	385720
As 188.980	350.550	ppb	2.4665	0.7	206.694
B 249.678	165.288	ppb	2.1953	1.3	1666.34
Ba 389.178	1468.88	ppb	1.5295	0.1	22327.7
Be 313.042	61.8428	ppb	0.0895	0.1	70353.2
Ca 370.602	251776	ppb	203.3	0.1	610752
Cd 226.502	58.1055	ppb	0.3386	0.6	2937.77
Co 228.615	103.203	ppb	0.2370	0.2	1021.77
Cr 267.716	793.782	ppb	2.7541	0.3	28994.6
Cu 324.754	538.558	ppb	4.4196	0.8	31476.8
Fe 271.441	323587	ppb	275.800	0.1	373189
K 766.491	15890.4	ppb	56.5505	0.4	551559
Mg 279.078	119015	ppb	303.515	0.3	210126
Mn 257.610	6558.10	ppb	44.3841	0.7	382441
Mo 202.032	116.429	ppb	0.6279	0.5	713.200
Na 330.237	6584.43	ppb	53.1385	0.8	176.678
Ni 231.604	187.877	ppb	0.5839	0.3	448.532
Pb 220.353	2779.94	ppb	10.6305	0.4	3451.35
Sb 206.834	83.8274	ppb	4.9294	5.9	116.606
Se 196.026	112.717	ppb	3.1640	2.8	47.9673
Sn 189.925	180.615	ppb	3.0319	1.7	119.291
Sr 216.596	458.472	ppb	1.0450	0.2	4822.39
Ti 334.941	2257.65	ppb	18.1030	0.8	216786
Tl 190.794	60.6963	ppb	1.4811	2.4	11.3359
V 292.401	587.180	ppb	1.3135	0.2	12029.6
Zn 206.200	3093.41	ppb	8.8569	0.3	2636.91

680-85929-b-6-c msd (Samp) **12/22/2012, 10:51:21 PM** **Rack 2, Tube 34**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	48.4593	48.7440	47.5714
Al 308.215	94295.9	94435.2	93597.1
As 188.980	249.821	254.573	259.681
B 249.678	160.474	158.982	163.976
Ba 389.178	1364.45	1366.23	1366.67
Be 313.042	59.6198	59.5267	59.7152
Ca 370.602	184917	185069	184914
Cd 226.502	53.4401	53.0767	53.6427
Co 228.615	85.6364	85.7871	85.3019
Cr 267.716	396.892	396.082	397.014
Cu 324.754	429.525	433.084	429.897
Fe 271.441	339085	338198	338483
K 766.491	16529.2	16482.5	16520.4
Mg 279.078	62203.0	62111.5	62301.7
Mn 257.610	5558.49	5520.30	5597.55
Mo 202.032	121.161	119.501	121.423
Na 330.237	5882.44	5740.07	5764.27
Ni 231.604	176.446	175.434	174.087
Pb 220.353	2014.99	2002.19	2009.52
Sb 206.834	66.3707	63.2985	67.9245
Se 196.026	107.178	102.820	104.313
Sn 189.925	218.770	218.879	225.544
Sr 216.596	385.402	384.406	385.515
Ti 334.941	1918.48	1906.61	1935.36
Tl 190.794	55.0421	53.8520	54.0883
V 292.401	439.127	438.184	438.565
Zn 206.200	2422.85	2426.97	2416.73

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	48.2582	ppb	0.6116	1.3	2131.27
Al 308.215	94109.4	ppb	449.073	0.5	323945
As 188.980	254.692	ppb	4.9307	1.9	149.874
B 249.678	161.144	ppb	2.5635	1.6	1613.70
Ba 389.178	1365.78	ppb	1.1752	0.1	20726.4
Be 313.042	59.6206	ppb	0.0943	0.2	67795.5
Ca 370.602	184966	ppb	88.65	0.0	418787
Cd 226.502	53.3865	ppb	0.2868	0.5	2825.25
Co 228.615	85.5751	ppb	0.2483	0.3	849.089
Cr 267.716	396.662	ppb	0.5064	0.1	14540.6
Cu 324.754	430.835	ppb	1.9563	0.5	25220.4
Fe 271.441	338589	ppb	452.515	0.1	390486
K 766.491	16510.7	ppb	24.8439	0.2	573080
Mg 279.078	62205.4	ppb	95.1181	0.2	109818
Mn 257.610	5558.78	ppb	38.6258	0.7	324159
Mo 202.032	120.695	ppb	1.0419	0.9	738.650
Na 330.237	5795.60	ppb	76.1765	1.3	148.504
Ni 231.604	175.322	ppb	1.1833	0.7	418.161
Pb 220.353	2008.90	ppb	6.4207	0.3	2496.53
Sb 206.834	65.8646	ppb	2.3542	3.6	92.4248
Se 196.026	104.771	ppb	2.2148	2.1	44.8112
Sn 189.925	221.065	ppb	3.8800	1.8	146.334
Sr 216.596	385.107	ppb	0.6104	0.2	4159.30
Ti 334.941	1920.15	ppb	14.4526	0.8	184372
Tl 190.794	54.3275	ppb	0.6300	1.2	6.5452
V 292.401	438.625	ppb	0.4743	0.1	9019.06
Zn 206.200	2422.18	ppb	5.1507	0.2	2065.32

680-85929-b-14-a (Samp) **12/22/2012, 10:57:48 PM** **Rack 2, Tube 35**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	2.6190	3.1667	2.6122
Al 308.215	192105	193571	194413
As 188.980	179.613	183.547	180.235
B 249.678	160.928	160.675	157.850
Ba 389.178	3718.84	3720.55	3721.39
Be 313.042	25.9551	25.9572	25.9354
Ca 370.602	416280	417856	419469
Cd 226.502	16.7248	15.7654	16.1523
Co 228.615	53.7484	55.1116	56.1179
Cr 267.716	299.930	299.684	299.170
Cu 324.754	1225.68	1228.92	1233.36
Fe 271.441	290899	291543	291949
K 766.491	29038.7	28998.5	29058.4
Mg 279.078	78701.5	78747.8	78646.0
Mn 257.610	10329.1	10221.7	10192.9
Mo 202.032	19.3644	18.0301	18.9663
Na 330.237	2495.94u	2584.89	2331.83u
Ni 231.604	137.485	138.910	137.921
Pb 220.353	5117.19	5143.92	5139.61
Sb 206.834	128.928	130.969	136.430
Se 196.026	11.2051	11.4701	18.7983
Sn 189.925	1175.35	1195.54	1184.44
Sr 216.596	910.528	913.893	910.845
Ti 334.941	3637.15	3609.24	3595.30
Tl 190.794	18.1482u	18.3580u	19.2336u
V 292.401	269.389	269.183	269.218
Zn 206.200	6042.28	6078.51	6034.78

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	2.7993	ppb	0.3182	11.4	69.0768
Al 308.215	193363	ppb	1168.10	0.6	665548
As 188.980	181.132	ppb	2.1150	1.2	106.296
B 249.678	159.818	ppb	1.7087	1.1	1623.65
Ba 389.178	3720.26	ppb	1.3010	0.0	56286.9
Be 313.042	25.9492	ppb	0.0120	0.0	29572.1
Ca 370.602	417868	ppb	1594	0.4	1087307
Cd 226.502	16.2142	ppb	0.4827	3.0	1521.15
Co 228.615	54.9926	ppb	1.1892	2.2	590.225
Cr 267.716	299.594	ppb	0.3881	0.1	10996.8
Cu 324.754	1229.32	ppb	3.8566	0.3	71594.8
Fe 271.441	291464	ppb	529.508	0.2	336139
K 766.491	29031.9	ppb	30.5677	0.1	1007513
Mg 279.078	78698.4	ppb	50.9514	0.1	138885
Mn 257.610	10247.9	ppb	71.7955	0.7	597371
Mo 202.032	18.7869	ppb	0.6850	3.6	112.674
Na 330.237	2470.89	ppb	128.380	5.2	-2.7445
Ni 231.604	138.105	ppb	0.7302	0.5	330.708
Pb 220.353	5133.57	ppb	14.3501	0.3	6365.76
Sb 206.834	132.109	ppb	3.8785	2.9	175.488
Se 196.026	13.8245	ppb	4.3095	31.2	8.0349
Sn 189.925	1185.11	ppb	10.1136	0.9	791.548
Sr 216.596	911.755	ppb	1.8581	0.2	9000.80
Ti 334.941	3613.90	ppb	21.3106	0.6	347006
Tl 190.794	18.5799	ppb	0.5757	3.1	-4.8187
V 292.401	269.263	ppb	0.1104	0.0	5547.75
Zn 206.200	6051.86	ppb	23.3861	0.4	5159.42

640-41641-a-3-a (Samp) **12/22/2012, 11:04:16 PM** **Rack 2, Tube 36**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.7753u	-0.6447u	-0.0051u
Al 308.215	16169.6	16127.7	15040.6
As 188.980	17.3951	9.1190	15.2923
B 249.678	55.6582	55.5479	52.7275
Ba 389.178	253.749	253.771	238.794
Be 313.042	0.4594	0.4528	0.4055
Ca 370.602	2251053x	2267969x	2136369x
Cd 226.502	-2.9679	-3.0763	-3.4544
Co 228.615	4.6239	3.9736	3.6731
Cr 267.716	92.6111	92.3519	87.1739
Cu 324.754	100.433	101.307	90.2985
Fe 271.441	39090.2	39067.3	36698.0
K 766.491	2174.11	2170.79	2047.48
Mg 279.078	25375.7	25377.5	23887.9
Mn 257.610	565.719	562.876	537.746
Mo 202.032	4.4392	5.0114	5.0288
Na 330.237	1634.84	1446.94	1529.48
Ni 231.604	44.6084	45.2605	44.2076
Pb 220.353	82.6838	83.0948	75.1038
Sb 206.834	-1.7333u	3.0046	2.5818
Se 196.026	3.8134	6.7276	0.3808
Sn 189.925	36.9340	33.6734	33.0079
Sr 216.596	1748.54	1745.76	1647.45
Ti 334.941	455.472	456.822	433.212
Tl 190.794	-0.9583u	-1.3256u	-7.4648u
V 292.401	293.013	292.596	279.474
Zn 206.200	343.489	346.555	322.884

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4750b	ppb	0.4122	86.8	-41.7148
Al 308.215	15779.3b	ppb	640.094	4.1	54340.2
As 188.980	13.9355b	ppb	4.3016	30.9	7.1934
B 249.678	54.6445b	ppb	1.6611	3.0	608.478
Ba 389.178	248.771b	ppb	8.6407	3.5	3517.82
Be 313.042	0.4392b	ppb	0.0294	6.7	896.069
Ca 370.602	2218463xb	ppb	71597	3.2	6222447
Cd 226.502	-3.1662b	ppb	0.2554	8.1	186.713
Co 228.615	4.0902b	ppb	0.4860	11.9	40.6596
Cr 267.716	90.7123b	ppb	3.0671	3.4	3327.22
Cu 324.754	97.3462b	ppb	6.1191	6.3	5840.67
Fe 271.441	38285.2b	ppb	1374.56	3.6	44185.6
K 766.491	2130.79b	ppb	72.1725	3.4	74156.9
Mg 279.078	24880.4b	ppb	859.479	3.5	43938.1
Mn 257.610	555.447b	ppb	15.3955	2.8	32446.8
Mo 202.032	4.8265b	ppb	0.3355	7.0	32.8254
Na 330.237	1537.09b	ppb	94.1787	6.1	51.1836
Ni 231.604	44.6922b	ppb	0.5314	1.2	104.411
Pb 220.353	80.2941b	ppb	4.4997	5.6	101.788
Sb 206.834	1.2844b	ppb	2.6219	204.1	6.5842
Se 196.026	3.6406b	ppb	3.1770	87.3	3.1289
Sn 189.925	34.5384b	ppb	2.1012	6.1	22.2638
Sr 216.596	1713.92b	ppb	57.5825	3.4	16158.8
Ti 334.941	448.502b	ppb	13.2587	3.0	43044.4
Tl 190.794	-3.2496b	ppb	3.6551	112.5	-4.7015
V 292.401	288.361b	ppb	7.6988	2.7	5638.00
Zn 206.200	337.643b	ppb	12.8728	3.8	288.353

640-41641-a-4-a (Samp) **12/22/2012, 11:23:37 PM** **Rack 2, Tube 39**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.0905u	0.0001u	0.0555u
Al 308.215	513.228	512.632	516.429
As 188.980	14.2814	14.2532	11.6864
B 249.678	17.1330	17.4513	16.7590
Ba 389.178	23.5281	23.0384	22.6420
Be 313.042	0.0373	0.0317	0.0372
Ca 370.602	28015	28012	28036
Cd 226.502	-0.4024	-0.5409	-0.4676
Co 228.615	13.6238	13.2591	14.0220
Cr 267.716	26.5343	26.3718	26.4429
Cu 324.754	147.230	147.879	147.574
Fe 271.441	62004.3	62173.7	62208.6
K 766.491	454.330	454.690	454.965
Mg 279.078	677.482	678.633	674.393
Mn 257.610	926.521	924.406	916.964
Mo 202.032	9.9806	9.5993	10.0346
Na 330.237	1057.37	1052.36	1132.53
Ni 231.604	99.9805	99.3191	98.1491
Pb 220.353	13.4678	10.3135	14.2040
Sb 206.834	1.9131	-1.9248u	-0.4479
Se 196.026	8.6872	3.4062	2.9300
Sn 189.925	11.6416	11.7198	10.8369
Sr 216.596	86.3254	85.2334	84.2099
Ti 334.941	8.7896	8.7028	8.6179
Tl 190.794	6.5098u	7.1462u	6.2799u
V 292.401	68.2157	68.3150	67.8313
Zn 206.200	99.6569	99.2001	99.5564

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0116	ppb	0.0737	634.4	-10.7536
Al 308.215	514.096	ppb	2.0419	0.4	1791.35
As 188.980	13.4070	ppb	1.4901	11.1	6.8789
B 249.678	17.1144	ppb	0.3465	2.0	186.106
Ba 389.178	23.0695	ppb	0.4439	1.9	348.365
Be 313.042	0.0354	ppb	0.0032	9.0	-75.7502
Ca 370.602	28021	ppb	12.81	0.0	60229
Cd 226.502	-0.4703	ppb	0.0693	14.7	189.991
Co 228.615	13.6350	ppb	0.3816	2.8	123.960
Cr 267.716	26.4497	ppb	0.0815	0.3	994.513
Cu 324.754	147.561	ppb	0.3246	0.2	8751.87
Fe 271.441	62128.8	ppb	109.280	0.2	71642.0
K 766.491	454.662	ppb	0.3187	0.1	16002.2
Mg 279.078	676.836	ppb	2.1926	0.3	1197.29
Mn 257.610	922.630	ppb	5.0199	0.5	53818.6
Mo 202.032	9.8715	ppb	0.2373	2.4	62.8091
Na 330.237	1080.76	ppb	44.9113	4.2	31.7304
Ni 231.604	99.1496	ppb	0.9274	0.9	231.068
Pb 220.353	12.6618	ppb	2.0667	16.3	19.1644
Sb 206.834	-0.1532	ppb	1.9359	1263.8	4.5957
Se 196.026	5.0078	ppb	3.1954	63.8	3.7544
Sn 189.925	11.3994	ppb	0.4887	4.3	5.9854
Sr 216.596	85.2562	ppb	1.0579	1.2	896.289
Ti 334.941	8.7034	ppb	0.0859	1.0	813.601
Tl 190.794	6.6453	ppb	0.4487	6.8	-1.5878
V 292.401	68.1207	ppb	0.2555	0.4	1402.50
Zn 206.200	99.4712	ppb	0.2400	0.2	85.2473

680-85928-c-1-a (Samp) **12/22/2012, 11:30:04 PM** **Rack 2, Tube 40**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	4.1973	3.8689	3.6545
Al 308.215	13023.1	12922.2	12931.5
As 188.980	4.1376	7.3609	4.0131
B 249.678	121.584	122.392	121.826
Ba 389.178	615.347	618.224	618.362
Be 313.042	0.2274	0.2203	0.2177
Ca 370.602	135949	135757	135969
Cd 226.502	-0.0160	-0.0309	-0.0361
Co 228.615	2.6622	2.4141	2.4401
Cr 267.716	12.1417	12.2176	12.2294
Cu 324.754	415.193	409.048	415.349
Fe 271.441	1428.26	1423.87	1427.03
K 766.491	893.378	895.736	890.701
Mg 279.078	3075.91	3088.27	3093.81
Mn 257.610	186.194	188.417	188.360
Mo 202.032	11.1575	11.3132	11.6718
Na 330.237	6705.13	7131.53	6937.42
Ni 231.604	5.4047	6.0034	4.4497
Pb 220.353	7.0666	6.7531	7.3024
Sb 206.834	0.7767	-3.8307u	-1.5379u
Se 196.026	4.0518	6.3553	2.6122
Sn 189.925	16.4283	17.7853	16.0469
Sr 216.596	158.093	158.874	159.305
Ti 334.941	49.8206	50.2536	50.2828
Tl 190.794	-8.9543u	-17.2105u	-15.4255u
V 292.401	11.3488	11.2659	11.3258
Zn 206.200	2761.51	2759.59	2773.83

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	3.9069	ppb	0.2734	7.0	177.635
Al 308.215	12959.0	ppb	55.7790	0.4	44621.4
As 188.980	5.1705	ppb	1.8979	36.7	1.9963
B 249.678	121.934	ppb	0.4148	0.3	1362.99
Ba 389.178	617.311	ppb	1.7022	0.3	9307.69
Be 313.042	0.2218	ppb	0.0050	2.3	161.057
Ca 370.602	135892	ppb	117.2	0.1	381466
Cd 226.502	-0.0277	ppb	0.0105	37.8	16.5031
Co 228.615	2.5055	ppb	0.1364	5.4	16.8405
Cr 267.716	12.1962	ppb	0.0476	0.4	460.837
Cu 324.754	413.197	ppb	3.5936	0.9	24173.5
Fe 271.441	1426.38	ppb	2.2652	0.2	1636.71
K 766.491	893.271	ppb	2.5196	0.3	31220.1
Mg 279.078	3086.00	ppb	9.1619	0.3	5452.37
Mn 257.610	187.657	ppb	1.2674	0.7	10966.6
Mo 202.032	11.3808	ppb	0.2638	2.3	75.0757
Na 330.237	6924.69	ppb	213.488	3.1	268.653
Ni 231.604	5.2859	ppb	0.7836	14.8	11.0705
Pb 220.353	7.0407	ppb	0.2756	3.9	10.3722
Sb 206.834	-1.5306	ppb	2.3037	150.5	2.0316
Se 196.026	4.3398	ppb	1.8881	43.5	3.2929
Sn 189.925	16.7535	ppb	0.9137	5.5	9.6126
Sr 216.596	158.757	ppb	0.6142	0.4	1488.89
Ti 334.941	50.1190	ppb	0.2588	0.5	4787.85
Tl 190.794	-13.8634	ppb	4.3441	31.3	-7.9129
V 292.401	11.3135	ppb	0.0428	0.4	214.040
Zn 206.200	2764.98	ppb	7.7290	0.3	2357.03

680-85911-c-1-a (Samp) **12/22/2012, 11:36:31 PM** **Rack 2, Tube 41**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.1858u	0.1959	-0.0591u
Al 308.215	1647.99	1653.95	1658.18
As 188.980	3.7079	5.6241	2.8903
B 249.678	492.506	492.596	492.751
Ba 389.178	73.5509	73.4004	73.4459
Be 313.042	0.1040	0.0948	0.0927
Ca 370.602	33833	33862	33914
Cd 226.502	1.6236	1.7230	1.7466
Co 228.615	2.3823	1.6060	1.8055
Cr 267.716	55.8581	56.1040	55.5968
Cu 324.754	188.997	190.244	189.494
Fe 271.441	6144.97	6139.79	6140.74
K 766.491	707.968	707.181	707.978
Mg 279.078	1794.62	1795.94	1794.85
Mn 257.610	113.140	112.813	112.236
Mo 202.032	151.521	151.934	151.782
Na 330.237	383.958u	420.952u	272.978u
Ni 231.604	29.3951	29.0866	27.1047
Pb 220.353	25.1377	24.4976	25.5959
Sb 206.834	-2.1702u	1.7348	-1.4882u
Se 196.026	11.2286	5.7278	1.6059
Sn 189.925	19.2162	20.9291	22.9212
Sr 216.596	28.9638	29.0160	28.3689
Ti 334.941	146.276	145.881	144.853
Tl 190.794	0.6221u	-0.9921u	-2.7241u
V 292.401	10.9136	10.9037	11.0514
Zn 206.200	5236.01	5212.80	5201.85

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0163	ppb	0.1944	1190.6	-0.5271
Al 308.215	1653.37	ppb	5.1224	0.3	5712.07
As 188.980	4.0741	ppb	1.4032	34.4	1.3120
B 249.678	492.618	ppb	0.1241	0.0	5409.44
Ba 389.178	73.4657	ppb	0.0772	0.1	1101.13
Be 313.042	0.0971	ppb	0.0060	6.2	-6.4582
Ca 370.602	33870	ppb	40.98	0.1	93379
Cd 226.502	1.6977	ppb	0.0653	3.8	77.8947
Co 228.615	1.9313	ppb	0.4032	20.9	10.0358
Cr 267.716	55.8530	ppb	0.2537	0.5	2051.24
Cu 324.754	189.578	ppb	0.6278	0.3	11196.2
Fe 271.441	6141.84	ppb	2.7585	0.0	7073.26
K 766.491	707.709	ppb	0.4577	0.1	24781.9
Mg 279.078	1795.14	ppb	0.7030	0.0	3175.17
Mn 257.610	112.730	ppb	0.4579	0.4	6601.50
Mo 202.032	151.746	ppb	0.2086	0.1	942.987
Na 330.237	359.296	ppb	77.0078	21.4	-12.1934
Ni 231.604	28.5288	ppb	1.2429	4.4	65.2221
Pb 220.353	25.0770	ppb	0.5517	2.2	32.9559
Sb 206.834	-0.6412	ppb	2.0857	325.3	1.8041
Se 196.026	6.1874	ppb	4.8278	78.0	4.0521
Sn 189.925	21.0222	ppb	1.8542	8.8	12.4297
Sr 216.596	28.7829	ppb	0.3595	1.2	278.168
Ti 334.941	145.670	ppb	0.7344	0.5	13963.0
Tl 190.794	-1.0313	ppb	1.6734	162.3	-2.1208
V 292.401	10.9562	ppb	0.0825	0.8	205.203
Zn 206.200	5216.89	ppb	17.4451	0.3	4446.66

680-85958-a-1-a (Samp) **12/22/2012, 11:42:58 PM** **Rack 2, Tube 42**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	816.049	818.349	814.544
Al 308.215	48610.8	48298.7	48236.4
As 188.980	661.435	652.090	636.536
B 249.678	697.090	724.785	717.989
Ba 389.178	2625.38	2626.84	2624.50
Be 313.042	1.1577	1.1193	1.1334
Ca 370.602	312507u	312896u	313241u
Cd 226.502	5798.66	5815.47	5817.48
Co 228.615	237.984	236.182	237.741
Cr 267.716	47554.7x	47693.3x	47718.4x
Cu 324.754	46809.8	46708.7	46438.4
Fe 271.441	3372739x	3380070x	3367124x
K 766.491	91916.9x	91849.3x	91550.8x
Mg 279.078	188385	188842	188879
Mn 257.610	171418x	172191x	172049x
Mo 202.032	1310.22	1310.09	1310.15
Na 330.237	-186717u	-181724u	-182610u
Ni 231.604	4697.37	4692.88	4736.37
Pb 220.353	107173x	107157x	107211x
Sb 206.834	1415.68	1407.20	1413.96
Se 196.026	224.664	237.668	225.539
Sn 189.925	4002.04	4000.56	4017.48
Sr 216.596	283.551	284.697	285.490
Ti 334.941	2812.05	2840.44	2828.01
Tl 190.794	387.884	404.688	379.963
V 292.401	3613.62	3618.33	3606.73
Zn 206.200	460654x	461285x	461912x

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	816.314b	ppb	1.9162	0.2	36495.5
Al 308.215	48382.0b	ppb	200.608	0.4	166720
As 188.980	650.020b	ppb	12.5779	1.9	383.917
B 249.678	713.288b	ppb	14.4335	2.0	6036.21
Ba 389.178	2625.57b	ppb	1.1829	0.0	40396.0
Be 313.042	1.1368b	ppb	0.0194	1.7	1305.81
Ca 370.602	312881b	ppb	367.3	0.1	-131102
Cd 226.502	5810.54b	ppb	10.3329	0.2	195958
Co 228.615	237.302b	ppb	0.9779	0.4	2390.03
Cr 267.716	47655.5xb	ppb	88.1512	0.2	1735822
Cu 324.754	46652.3b	ppb	192.005	0.4	2708473
Fe 271.441	3373311xb	ppb	6492.32	0.2	3890423
K 766.491	91772.3xb	ppb	194.803	0.2	3184347
Mg 279.078	188702b	ppb	274.864	0.1	332174
Mn 257.610	171886xb	ppb	411.478	0.2	10017093
Mo 202.032	1310.15b	ppb	0.0615	0.0	7963.93
Na 330.237	-183683b	ppb	2664.02	1.5	-10418.6
Ni 231.604	4708.87b	ppb	23.9169	0.5	11054.8
Pb 220.353	107180xb	ppb	27.9554	0.0	132942
Sb 206.834	1412.28b	ppb	4.4827	0.3	2020.53
Se 196.026	229.290b	ppb	7.2683	3.2	104.646
Sn 189.925	4006.69b	ppb	9.3757	0.2	2679.43
Sr 216.596	284.579b	ppb	0.9744	0.3	8149.15
Ti 334.941	2826.83b	ppb	14.2276	0.5	272356
Tl 190.794	390.845b	ppb	12.6258	3.2	47.1172
V 292.401	3612.89b	ppb	5.8296	0.2	73349.2
Zn 206.200	461283xb	ppb	629.204	0.1	393003

680-85980-c-39-a (Samp) **12/22/2012, 11:49:25 PM** **Rack 2, Tube 43**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	1.0584u	0.7311u	1.1104u
Al 308.215	117465	118305	118258
As 188.980	274.947	279.430	273.195
B 249.678	10.0052u	7.6572u	5.8987u
Ba 389.178	1794.30	1803.99	1805.80
Be 313.042	13.5699	13.5849	13.5670
Ca 370.602	112945	112929	112930
Cd 226.502	9.4525	9.4978	8.8517
Co 228.615	85.7989	87.4709	86.9172
Cr 267.716	281.522	281.316	281.319
Cu 324.754	503.523	511.253	503.572
Fe 271.441	293957	294822	294109
K 766.491	18109.7	18112.7	18123.5
Mg 279.078	25951.3	25952.4	25902.7
Mn 257.610	10384.5	10379.3	10352.7
Mo 202.032	17.6994	16.4963	16.8316
Na 330.237	961.429u	986.822u	1029.82u
Ni 231.604	137.263	138.118	139.329
Pb 220.353	1897.59	1912.22	1894.52
Sb 206.834	28.7476	30.3764	25.7663
Se 196.026	24.3816	25.1985	17.3726
Sn 189.925	91.0573	91.1884	90.8388
Sr 216.596	422.973	423.415	423.243
Ti 334.941	2491.11	2483.58	2473.66
Tl 190.794	9.5611u	14.9208u	19.0785u
V 292.401	294.801	295.028	294.447
Zn 206.200	3764.80	3759.26	3747.27

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.9666	ppb	0.2056	21.3	-10.4853
Al 308.215	118009	ppb	472.016	0.4	406196
As 188.980	275.857	ppb	3.2154	1.2	162.445
B 249.678	7.8537	ppb	2.0603	26.2	-37.4603
Ba 389.178	1801.36	ppb	6.1851	0.3	27275.6
Be 313.042	13.5739	ppb	0.0096	0.1	15401.6
Ca 370.602	112935	ppb	8.606	0.0	229711
Cd 226.502	9.2673	ppb	0.3607	3.9	1275.47
Co 228.615	86.7290	ppb	0.8517	1.0	871.248
Cr 267.716	281.386	ppb	0.1185	0.0	10333.8
Cu 324.754	506.116	ppb	4.4492	0.9	29596.9
Fe 271.441	294296	ppb	461.628	0.2	339402
K 766.491	18115.3	ppb	7.2355	0.0	628753
Mg 279.078	25935.5	ppb	28.3942	0.1	45718.2
Mn 257.610	10372.2	ppb	17.0471	0.2	604553
Mo 202.032	17.0091	ppb	0.6209	3.7	99.7130
Na 330.237	992.690	ppb	34.5709	3.5	-45.9381
Ni 231.604	138.237	ppb	1.0381	0.8	329.603
Pb 220.353	1901.44	ppb	9.4610	0.5	2362.31
Sb 206.834	28.2968	ppb	2.3379	8.3	46.2252
Se 196.026	22.3176	ppb	4.3019	19.3	11.4630
Sn 189.925	91.0282	ppb	0.1766	0.2	59.2897
Sr 216.596	423.210	ppb	0.2227	0.1	4437.70
Ti 334.941	2482.78	ppb	8.7526	0.4	238393
Tl 190.794	14.5201	ppb	4.7714	32.9	-7.1571
V 292.401	294.759	ppb	0.2926	0.1	6092.43
Zn 206.200	3757.11	ppb	8.9600	0.2	3202.79

680-85980-c-39-b ms (Samp) **12/22/2012, 11:55:52 PM** **Rack 2, Tube 44**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	51.9261	50.0954	51.1923
Al 308.215	129617	128755	129249
As 188.980	386.809	390.838	400.255
B 249.678	183.178	184.945	184.068
Ba 389.178	1924.21	1927.04	1922.38
Be 313.042	65.1877	65.2500	65.2441
Ca 370.602	114058	114077	114033
Cd 226.502	57.0474	57.6301	57.6605
Co 228.615	138.862	138.791	139.700
Cr 267.716	399.500	400.970	401.157
Cu 324.754	645.109	644.166	646.610
Fe 271.441	324127	324132	324188
K 766.491	23322.9	23259.9	23205.8
Mg 279.078	33060.2	33178.9	33118.2
Mn 257.610	11283.1	11332.2	11340.6
Mo 202.032	114.432	113.941	114.872
Na 330.237	6041.63	5963.32	6010.88
Ni 231.604	241.572	243.430	245.729
Pb 220.353	1916.78	1923.57	1911.19
Sb 206.834	66.2051	65.6140	69.5331
Se 196.026	117.682	127.153	112.538
Sn 189.925	217.672	217.847	222.227
Sr 216.596	516.253	517.564	520.069
Ti 334.941	2682.42	2704.86	2696.07
Tl 190.794	55.7840	54.8018	50.6118
V 292.401	419.875	418.724	419.846
Zn 206.200	3874.07	3882.29	3886.10

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.0713	ppb	0.9213	1.8	2261.20
Al 308.215	129207	ppb	432.422	0.3	444743
As 188.980	392.634	ppb	6.9008	1.8	231.640
B 249.678	184.064	ppb	0.8837	0.5	1871.56
Ba 389.178	1924.54	ppb	2.3463	0.1	29149.3
Be 313.042	65.2273	ppb	0.0344	0.1	74174.2
Ca 370.602	114056	ppb	22.09	0.0	223984
Cd 226.502	57.4460	ppb	0.3455	0.6	2907.10
Co 228.615	139.118	ppb	0.5054	0.4	1370.59
Cr 267.716	400.542	ppb	0.9074	0.2	14678.7
Cu 324.754	645.295	ppb	1.2324	0.2	37680.0
Fe 271.441	324149	ppb	33.9563	0.0	373836
K 766.491	23262.9	ppb	58.6255	0.3	807352
Mg 279.078	33119.1	ppb	59.3543	0.2	58396.6
Mn 257.610	11318.7	ppb	31.0434	0.3	659724
Mo 202.032	114.415	ppb	0.4660	0.4	701.258
Na 330.237	6005.28	ppb	39.4515	0.7	150.906
Ni 231.604	243.577	ppb	2.0827	0.9	575.661
Pb 220.353	1917.18	ppb	6.2009	0.3	2382.02
Sb 206.834	67.1174	ppb	2.1128	3.1	94.3274
Se 196.026	119.124	ppb	7.4135	6.2	50.5471
Sn 189.925	219.248	ppb	2.5808	1.2	145.093
Sr 216.596	517.962	ppb	1.9389	0.4	5364.77
Ti 334.941	2694.45	ppb	11.3050	0.4	258721
Tl 190.794	53.7325	ppb	2.7469	5.1	10.4274
V 292.401	419.481	ppb	0.6563	0.2	8632.27
Zn 206.200	3880.82	ppb	6.1473	0.2	3308.01

680-85980-c-39-c msd (Samp) **12/23/2012, 12:02:19 AM** **Rack 2, Tube 45**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	50.2179	50.6754	48.3272
Al 308.215	129865	130618	128970
As 188.980	406.545	406.533	395.928
B 249.678	176.453	175.240	174.093
Ba 389.178	1984.92	1982.49	1958.80
Be 313.042	63.1642	63.9298	62.9997
Ca 370.602	109485	109546	108633
Cd 226.502	57.0474	56.3025	55.7722
Co 228.615	137.517	137.282	135.115
Cr 267.716	399.134	399.088	393.926
Cu 324.754	677.673	679.358	671.920
Fe 271.441	329408	330431	326155
K 766.491	22620.3	22655.5	22472.1
Mg 279.078	29299.2	29262.6	28871.1
Mn 257.610	9836.28	9791.73	9674.76
Mo 202.032	111.087	112.101	109.685
Na 330.237	6002.21	5958.00	5837.71
Ni 231.604	244.092	242.741	241.086
Pb 220.353	2216.48	2214.67	2172.82
Sb 206.834	79.2982	81.6452	73.0525
Se 196.026	114.401	109.114	109.958
Sn 189.925	205.961	204.619	200.705
Sr 216.596	561.089	560.594	553.841
Ti 334.941	2773.62	2830.46	2797.38
Tl 190.794	47.5409	56.8394	56.5341
V 292.401	415.193	416.721	410.773
Zn 206.200	4140.42	4129.50	4077.81

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	49.7402	ppb	1.2449	2.5	2199.66
Al 308.215	129818	ppb	825.140	0.6	446845
As 188.980	403.002	ppb	6.1260	1.5	237.787
B 249.678	175.262	ppb	1.1802	0.7	1773.17
Ba 389.178	1975.40	ppb	14.4311	0.7	29915.5
Be 313.042	63.3646	ppb	0.4964	0.8	72056.3
Ca 370.602	109221	ppb	510.2	0.5	209081
Cd 226.502	56.3740	ppb	0.6406	1.1	2886.53
Co 228.615	136.638	ppb	1.3241	1.0	1349.66
Cr 267.716	397.383	ppb	2.9933	0.8	14564.7
Cu 324.754	676.317	ppb	3.8999	0.6	39482.5
Fe 271.441	328665	ppb	2232.33	0.7	379043
K 766.491	22582.7	ppb	97.3035	0.4	783752
Mg 279.078	29144.3	ppb	237.318	0.8	51391.6
Mn 257.610	9767.59	ppb	83.4219	0.9	569347
Mo 202.032	110.958	ppb	1.2132	1.1	679.692
Na 330.237	5932.64	ppb	85.1272	1.4	145.619
Ni 231.604	242.640	ppb	1.5056	0.6	573.497
Pb 220.353	2201.32	ppb	24.7006	1.1	2734.05
Sb 206.834	77.9986	ppb	4.4413	5.7	107.829
Se 196.026	111.158	ppb	2.8402	2.6	47.3520
Sn 189.925	203.761	ppb	2.7310	1.3	134.728
Sr 216.596	558.508	ppb	4.0494	0.7	5749.21
Ti 334.941	2800.49	ppb	28.5485	1.0	268902
Tl 190.794	53.6381	ppb	5.2825	9.8	9.3860
V 292.401	414.229	ppb	3.0891	0.7	8530.91
Zn 206.200	4115.91	ppb	33.4436	0.8	3508.34

mb 680-260695/1-a (Samp) **12/23/2012, 12:08:46 AM** **Rack 2, Tube 46**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	0.0405	-0.2196u	0.0722
Al 308.215	2.9781	3.1212	2.7784
As 188.980	2.3104	0.6866	-2.1684u
B 249.678	3.2622	2.9145	2.1640
Ba 389.178	-0.2612u	-0.5028u	0.2365
Be 313.042	0.0096	0.0170	0.0072
Ca 370.602	8.019	10.29	6.563
Cd 226.502	0.0698	0.0596	0.1164
Co 228.615	0.5759	0.1437	0.1022
Cr 267.716	0.0874	0.1056	0.2118
Cu 324.754	0.0532	-0.1637u	0.2563
Fe 271.441	34.5931	33.1505	34.1058
K 766.491	5.3401	5.1522	4.0859
Mg 279.078	5.0807	5.4904	3.9746
Mn 257.610	0.2252	0.2268	0.2407
Mo 202.032	-0.2102u	0.2259	-0.0472u
Na 330.237	-111.341u	-52.8086u	27.3606
Ni 231.604	1.1636	0.3259	0.7791
Pb 220.353	-1.7341u	1.2505	1.6653
Sb 206.834	-0.2433u	-2.5907u	-2.6357u
Se 196.026	0.5572	2.3586	-0.6438u
Sn 189.925	5.1027	3.4916	6.0366
Sr 216.596	0.3365	0.0757	-0.1269u
Ti 334.941	1.5980	1.3964	1.1842
Tl 190.794	4.2471	-5.7400u	4.9282
V 292.401	0.1215	-0.1328u	-0.2146u
Zn 206.200	1.7050	1.7338	1.6499

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0356	ppb	0.1601	449.2	-0.0582
Al 308.215	2.9592	ppb	0.1722	5.8	28.9139
As 188.980	0.2762	ppb	2.2674	821.0	-0.9021
B 249.678	2.7803	ppb	0.5613	20.2	62.2219
Ba 389.178	-0.1758	ppb	0.3770	214.4	-10.7736
Be 313.042	0.0113	ppb	0.0051	45.4	-110.755
Ca 370.602	8.289	ppb	1.876	22.6	42.14
Cd 226.502	0.0819	ppb	0.0303	36.9	3.9892
Co 228.615	0.2739	ppb	0.2623	95.8	-5.0021
Cr 267.716	0.1349	ppb	0.0672	49.8	21.2823
Cu 324.754	0.0486	ppb	0.2101	432.2	188.760
Fe 271.441	33.9498	ppb	0.7339	2.2	28.0410
K 766.491	4.8594	ppb	0.6764	13.9	395.899
Mg 279.078	4.8486	ppb	0.7841	16.2	14.4845
Mn 257.610	0.2309	ppb	0.0085	3.7	41.4183
Mo 202.032	-0.0105	ppb	0.2204	2094.6	4.3534
Na 330.237	-45.5965	ppb	69.6317	152.7	-1.4603
Ni 231.604	0.7562	ppb	0.4193	55.5	0.4048
Pb 220.353	0.3939	ppb	1.8545	470.9	2.5033
Sb 206.834	-1.8232	ppb	1.3684	75.1	1.5145
Se 196.026	0.7573	ppb	1.5112	199.5	1.8457
Sn 189.925	4.8770	ppb	1.2875	26.4	1.6135
Sr 216.596	0.0951	ppb	0.2323	244.4	1.3471
Ti 334.941	1.3929	ppb	0.2069	14.9	108.809
Tl 190.794	1.1451	ppb	5.9724	521.5	-0.6890
V 292.401	-0.0753	ppb	0.1752	232.7	-1.4997
Zn 206.200	1.6963	ppb	0.0426	2.5	1.8387

lcs 680-260695/2-a (Samp) **12/23/2012, 12:15:13 AM** **Rack 2, Tube 47**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	51.1358	50.3367	50.9088
Al 308.215	5084.05	5119.49	5076.88
As 188.980	105.645	108.234	107.126
B 249.678	206.229	205.701	206.799
Ba 389.178	102.398	102.679	103.465
Be 313.042	54.2815	54.2605	54.4762
Ca 370.602	5107	5101	5104
Cd 226.502	51.7390	51.9009	51.9635
Co 228.615	52.1871	51.2548	52.1764
Cr 267.716	106.122	105.836	106.252
Cu 324.754	105.484	106.865	105.371
Fe 271.441	5208.35	5214.77	5209.47
K 766.491	4909.12	4918.58	4924.34
Mg 279.078	5128.31	5118.43	5142.76
Mn 257.610	538.358	534.710	542.332
Mo 202.032	103.880	103.577	104.238
Na 330.237	4709.20	4861.52	4764.14
Ni 231.604	104.957	105.748	105.290
Pb 220.353	50.0211	52.2457	49.7709
Sb 206.834	49.8500	50.0225	48.7933
Se 196.026	102.930	103.182	102.851
Sn 189.925	111.166	111.287	112.978
Sr 216.596	103.092	102.835	104.102
Ti 334.941	105.885	105.102	106.503
Tl 190.794	31.4903	39.1457	40.0117
V 292.401	105.516	105.305	105.745
Zn 206.200	107.721	105.399	105.153

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	50.7938	ppb	0.4118	0.8	2308.94
Al 308.215	5093.47	ppb	22.8123	0.4	17555.7
As 188.980	107.002	ppb	1.2988	1.2	62.3339
B 249.678	206.243	ppb	0.5491	0.3	2281.90
Ba 389.178	102.847	ppb	0.5534	0.5	1551.83
Be 313.042	54.3394	ppb	0.1189	0.2	61703.4
Ca 370.602	5104	ppb	3.155	0.1	12833
Cd 226.502	51.8678	ppb	0.1159	0.2	1669.87
Co 228.615	51.8727	ppb	0.5352	1.0	484.067
Cr 267.716	106.070	ppb	0.2128	0.2	3878.68
Cu 324.754	105.907	ppb	0.8321	0.8	6336.67
Fe 271.441	5210.86	ppb	3.4280	0.1	6003.71
K 766.491	4917.35	ppb	7.6859	0.2	170839
Mg 279.078	5129.83	ppb	12.2373	0.2	9059.40
Mn 257.610	538.467	ppb	3.8125	0.7	31410.5
Mo 202.032	103.898	ppb	0.3309	0.3	647.027
Na 330.237	4778.28	ppb	77.1395	1.6	193.066
Ni 231.604	105.332	ppb	0.3975	0.4	243.896
Pb 220.353	50.6792	ppb	1.3624	2.7	64.6768
Sb 206.834	49.5552	ppb	0.6655	1.3	64.4721
Se 196.026	102.988	ppb	0.1727	0.2	43.0361
Sn 189.925	111.810	ppb	1.0131	0.9	73.1749
Sr 216.596	103.343	ppb	0.6697	0.6	966.247
Ti 334.941	105.830	ppb	0.7024	0.7	10138.5
Tl 190.794	36.8825	ppb	4.6899	12.7	16.6216
V 292.401	105.522	ppb	0.2199	0.2	2139.22
Zn 206.200	106.091	ppb	1.4168	1.3	90.5427

680-86021-b-3-a (Samp) **12/23/2012, 12:21:41 AM** **Rack 2, Tube 48**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.8226u	0.1671u	-0.0791u
Al 308.215	130130	130589	130672
As 188.980	76.1480	79.8167	80.1614
B 249.678	-43.2126u	-42.4626u	-44.5069u
Ba 389.178	843.275	844.315	842.180
Be 313.042	5.1956	5.1943	5.1930
Ca 370.602	35059	35046	35002
Cd 226.502	5.4436	5.5247	5.5049
Co 228.615	60.0535	59.7699	58.5628
Cr 267.716	370.668	369.894	369.199
Cu 324.754	385.732	388.024	388.511
Fe 271.441	297044	296992	297252
K 766.491	9080.41	9084.91	9095.84
Mg 279.078	7135.13	7132.58	7120.67
Mn 257.610	3405.08	3389.61	3372.53
Mo 202.032	10.2826	10.7992	11.2697
Na 330.237	373.146u	426.716u	312.331u
Ni 231.604	145.756	146.284	145.977
Pb 220.353	837.169	843.058	836.770
Sb 206.834	14.3717	11.9337	15.8804
Se 196.026	8.6036	6.6109	12.8949
Sn 189.925	120.946	123.333	125.908
Sr 216.596	108.898	107.662	107.797
Ti 334.941	1424.29	1418.06	1414.74
Tl 190.794	20.2986u	12.0224u	19.5239u
V 292.401	239.023	238.635	239.658
Zn 206.200	2682.78	2697.02	2680.05

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2449	ppb	0.5152	210.4	-63.5744
Al 308.215	130463	ppb	291.868	0.2	449058
As 188.980	78.7087	ppb	2.2243	2.8	45.5866
B 249.678	-43.3940	ppb	1.0342	2.4	-598.820
Ba 389.178	843.257	ppb	1.0676	0.1	12788.3
Be 313.042	5.1943	ppb	0.0013	0.0	5829.90
Ca 370.602	35036	ppb	30.19	0.1	9673
Cd 226.502	5.4910	ppb	0.0423	0.8	1160.85
Co 228.615	59.4620	ppb	0.7916	1.3	593.180
Cr 267.716	369.920	ppb	0.7345	0.2	13558.3
Cu 324.754	387.422	ppb	1.4842	0.4	22693.0
Fe 271.441	297096	ppb	137.266	0.0	342627
K 766.491	9087.05	ppb	7.9327	0.1	315510
Mg 279.078	7129.46	ppb	7.7200	0.1	12573.5
Mn 257.610	3389.07	ppb	16.2809	0.5	197657
Mo 202.032	10.7838	ppb	0.4937	4.6	61.4401
Na 330.237	370.731	ppb	57.2306	15.4	-61.7886
Ni 231.604	146.006	ppb	0.2651	0.2	347.234
Pb 220.353	838.999	ppb	3.5205	0.4	1044.46
Sb 206.834	14.0619	ppb	1.9915	14.2	29.4257
Se 196.026	9.3698	ppb	3.2113	34.3	6.2578
Sn 189.925	123.396	ppb	2.4816	2.0	80.9210
Sr 216.596	108.119	ppb	0.6778	0.6	1504.25
Ti 334.941	1419.03	ppb	4.8476	0.3	136252
Tl 190.794	17.2816	ppb	4.5711	26.5	-10.0325
V 292.401	239.105	ppb	0.5163	0.2	4965.21
Zn 206.200	2686.62	ppb	9.1124	0.3	2289.80

680-86021-b-3-aSD^5 (Samp) **12/23/2012, 12:41:02 AM** **Rack 2, Tube 51**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	0.1348u	-0.1892u	-0.1761u
Al 308.215	26526.6	26182.9	25548.6
As 188.980	16.9546	18.2801	22.4434
B 249.678	-6.3572u	-6.9193u	-5.6568u
Ba 389.178	173.859	171.624	169.926
Be 313.042	1.0566	1.0357	1.0171
Ca 370.602	7423	7410	7420
Cd 226.502	0.8948	0.7311	0.9905
Co 228.615	12.4008	13.0132	12.9185
Cr 267.716	75.2213	74.5650	73.8300
Cu 324.754	76.9197	76.9108	75.1497
Fe 271.441	61504.8	60762.8	59923.7
K 766.491	1824.63	1812.73	1780.19
Mg 279.078	1512.92	1494.02	1480.58
Mn 257.610	701.895	696.087	694.110
Mo 202.032	2.0443	2.4028	2.2546
Na 330.237	101.417u	37.5414u	17.9985u
Ni 231.604	30.2327	31.4362	30.3235
Pb 220.353	181.675	174.847	174.256
Sb 206.834	-0.6115	2.8150	6.7266
Se 196.026	1.9518	2.4962	-6.7211u
Sn 189.925	28.0135	26.7943	23.5537
Sr 216.596	22.6795	21.4399	21.6265
Ti 334.941	288.387	284.929	285.275
Tl 190.794	1.1944u	0.0072u	3.5646u
V 292.401	48.3366	47.6086	47.5932
Zn 206.200	564.513	552.525	543.599

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0768	ppb	0.1834	238.7	-12.9768
Al 308.215	26086.0	ppb	496.124	1.9	89803.7
As 188.980	19.2260	ppb	2.8640	14.9	10.3300
B 249.678	-6.3111	ppb	0.6325	10.0	-69.1300
Ba 389.178	171.803	ppb	1.9727	1.1	2599.01
Be 313.042	1.0364	ppb	0.0198	1.9	1064.45
Ca 370.602	7418	ppb	6.809	0.1	2701
Cd 226.502	0.8721	ppb	0.1312	15.0	230.492
Co 228.615	12.7775	ppb	0.3296	2.6	121.032
Cr 267.716	74.5387	ppb	0.6960	0.9	2745.28
Cu 324.754	76.3267	ppb	1.0194	1.3	4620.15
Fe 271.441	60730.4	ppb	791.058	1.3	70028.7
K 766.491	1805.85	ppb	23.0055	1.3	62882.8
Mg 279.078	1495.84	ppb	16.2485	1.1	2642.86
Mn 257.610	697.364	ppb	4.0469	0.6	40693.5
Mo 202.032	2.2339	ppb	0.1802	8.1	16.2393
Na 330.237	52.3188	ppb	43.6282	83.4	-13.2764
Ni 231.604	30.6641	ppb	0.6701	2.2	71.8067
Pb 220.353	176.926	ppb	4.1237	2.3	221.852
Sb 206.834	2.9767	ppb	3.6717	123.3	9.1192
Se 196.026	-0.7577	ppb	5.1716	682.5	1.4285
Sn 189.925	26.1205	ppb	2.3050	8.8	15.8288
Sr 216.596	21.9153	ppb	0.6684	3.0	306.211
Ti 334.941	286.197	ppb	1.9045	0.7	27460.2
Tl 190.794	1.5887	ppb	1.8112	114.0	-3.9780
V 292.401	47.8461	ppb	0.4248	0.9	993.920
Zn 206.200	553.546	ppb	10.4942	1.9	472.103

680-86021-b-3-aPDS (Samp) **12/23/2012, 12:47:29 AM** **Rack 2, Tube 52**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	49.5055	49.0866	49.1528
Al 308.215	129318	130061	130279
As 188.980	2088.57	2103.74	2077.54
B 249.678	935.247	938.232	937.922
Ba 389.178	2792.47	2797.35	2794.58
Be 313.042	55.9277	56.0057	56.0135
Ca 370.602	38824	38785	38749
Cd 226.502	53.7711	53.5462	53.1043
Co 228.615	549.782	547.109	546.420
Cr 267.716	560.310	560.371	560.491
Cu 324.754	626.271	630.525	633.453
Fe 271.441	289694	290778	290756
K 766.491	14234.9	14228.0	14222.0
Mg 279.078	11755.1	11749.7	11727.9
Mn 257.610	3808.60	3800.69	3780.34
Mo 202.032	498.154	500.027	497.555
Na 330.237	5282.02	5351.00	5231.48
Ni 231.604	631.872	623.713	626.788
Pb 220.353	1286.99	1292.96	1295.85
Sb 206.834	491.444	494.619	484.213
Se 196.026	1969.73	1963.57	1966.31
Sn 189.925	1072.85	1065.47	1062.96
Sr 216.596	592.100	593.270	589.169
Ti 334.941	2383.83	2372.61	2366.00
Tl 190.794	1887.90	1922.02	1905.37
V 292.401	721.362	722.318	722.066
Zn 206.200	3096.55	3086.98	3091.13

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	49.2483	ppb	0.2252	0.5	2184.47
Al 308.215	129886	ppb	503.951	0.4	447099
As 188.980	2089.95	ppb	13.1509	0.6	1237.63
B 249.678	937.134	ppb	1.6409	0.2	10114.6
Ba 389.178	2794.80	ppb	2.4495	0.1	42286.4
Be 313.042	55.9823	ppb	0.0474	0.1	63639.2
Ca 370.602	38786	ppb	37.46	0.1	22133
Cd 226.502	53.4739	ppb	0.3392	0.6	2667.96
Co 228.615	547.770	ppb	1.7761	0.3	5230.18
Cr 267.716	560.391	ppb	0.0921	0.0	20488.5
Cu 324.754	630.083	ppb	3.6115	0.6	36798.4
Fe 271.441	290409	ppb	619.871	0.2	334958
K 766.491	14228.3	ppb	6.4104	0.0	493891
Mg 279.078	11744.2	ppb	14.4363	0.1	20718.7
Mn 257.610	3796.54	ppb	14.5821	0.4	221400
Mo 202.032	498.579	ppb	1.2896	0.3	3079.16
Na 330.237	5288.17	ppb	59.9991	1.1	134.093
Ni 231.604	627.457	ppb	4.1208	0.7	1467.74
Pb 220.353	1291.94	ppb	4.5184	0.3	1604.67
Sb 206.834	490.092	ppb	5.3331	1.1	612.172
Se 196.026	1966.54	ppb	3.0842	0.2	794.500
Sn 189.925	1067.09	ppb	5.1426	0.5	712.436
Sr 216.596	591.513	ppb	2.1128	0.4	5969.63
Ti 334.941	2374.15	ppb	9.0122	0.4	227964
Tl 190.794	1905.09	ppb	17.0607	0.9	903.303
V 292.401	721.915	ppb	0.4953	0.1	14758.3
Zn 206.200	3091.55	ppb	4.7968	0.2	2634.33

680-86021-b-3-b ms (Samp) **12/23/2012, 12:53:56 AM** **Rack 2, Tube 53**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	49.4287	49.4498	50.0309
Al 308.215	144152	143325	142061
As 188.980	187.837	188.470	190.276
B 249.678	152.975	154.811	153.388
Ba 389.178	1029.82	1031.36	1030.55
Be 313.042	57.2925	57.3808	57.3262
Ca 370.602	41255	41322	41384
Cd 226.502	57.7546	58.6092	58.5113
Co 228.615	121.031	121.786	122.006
Cr 267.716	340.494	342.087	342.286
Cu 324.754	628.717	634.079	627.860
Fe 271.441	263935	263519	262423
K 766.491	14454.7	14461.1	14428.9
Mg 279.078	12875.5	12932.4	12927.1
Mn 257.610	4064.38	4098.15	4126.02
Mo 202.032	110.164	109.620	109.949
Na 330.237	5451.89	5395.01	5428.88
Ni 231.604	199.456	199.088	197.518
Pb 220.353	771.191	776.554	775.002
Sb 206.834	64.5269	67.8245	63.0399
Se 196.026	115.089	95.9646	101.923
Sn 189.925	146.558	150.221	154.334
Sr 216.596	228.505	229.555	228.759
Ti 334.941	1541.97	1556.84	1564.33
Tl 190.794	54.3534	54.5411	49.0472
V 292.401	377.938	377.725	377.337
Zn 206.200	2441.33	2443.89	2445.39

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	49.6365	ppb	0.3418	0.7	2209.31
Al 308.215	143179	ppb	1053.22	0.7	492831
As 188.980	188.861	ppb	1.2657	0.7	110.855
B 249.678	153.725	ppb	0.9630	0.6	1572.13
Ba 389.178	1030.58	ppb	0.7683	0.1	15618.9
Be 313.042	57.3332	ppb	0.0446	0.1	65157.8
Ca 370.602	41320	ppb	64.50	0.2	37488
Cd 226.502	58.2917	ppb	0.4677	0.8	2733.29
Co 228.615	121.608	ppb	0.5115	0.4	1181.55
Cr 267.716	341.622	ppb	0.9822	0.3	12518.7
Cu 324.754	630.219	ppb	3.3701	0.5	36790.5
Fe 271.441	263293	ppb	781.082	0.3	303649
K 766.491	14448.2	ppb	17.0474	0.1	501521
Mg 279.078	12911.7	ppb	31.4355	0.2	22773.5
Mn 257.610	4096.18	ppb	30.8649	0.8	238846
Mo 202.032	109.911	ppb	0.2740	0.2	676.357
Na 330.237	5425.26	ppb	28.6125	0.5	151.359
Ni 231.604	198.687	ppb	1.0294	0.5	468.916
Pb 220.353	774.249	ppb	2.7598	0.4	962.975
Sb 206.834	65.1304	ppb	2.4488	3.8	90.8703
Se 196.026	104.326	ppb	9.7858	9.4	44.3944
Sn 189.925	150.371	ppb	3.8904	2.6	98.9782
Sr 216.596	228.940	ppb	0.5480	0.2	2569.13
Ti 334.941	1554.38	ppb	11.3802	0.7	149247
Tl 190.794	52.6472	ppb	3.1191	5.9	9.7885
V 292.401	377.667	ppb	0.3047	0.1	7768.98
Zn 206.200	2443.54	ppb	2.0508	0.1	2082.73

680-86021-b-3-c msd (Samp) **12/23/2012, 1:00:22 AM** **Rack 2, Tube 54**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	52.0296	51.7759	52.0823
Al 308.215	143056	143966	143949
As 188.980	171.943	169.489	173.808
B 249.678	186.261	185.466	185.454
Ba 389.178	962.955	963.184	961.889
Be 313.042	59.2073	59.1905	59.1313
Ca 370.602	35041	35083	35272
Cd 226.502	59.1576	59.0362	58.5299
Co 228.615	111.353	110.430	110.742
Cr 267.716	246.091	245.255	245.512
Cu 324.754	539.926	542.705	541.841
Fe 271.441	148291	148543	148368
K 766.491	14153.0	14161.0	14106.0
Mg 279.078	12368.1	12360.4	12329.6
Mn 257.610	3614.94	3599.00	3584.14
Mo 202.032	111.079	112.087	111.028
Na 330.237	5478.00	5763.59	5467.50
Ni 231.604	210.355	210.587	211.193
Pb 220.353	897.318	902.137	898.318
Sb 206.834	60.7764	62.2345	60.9818
Se 196.026	110.629	110.233	112.932
Sn 189.925	216.911	217.804	212.031
Sr 216.596	226.779	226.066	226.245
Ti 334.941	1637.93	1625.29	1617.26
Tl 190.794	51.6532	43.3523	47.7629
V 292.401	329.997	328.317	328.220
Zn 206.200	2688.84	2685.59	2675.31

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	51.9626	ppb	0.1638	0.3	2335.85
Al 308.215	143657	ppb	520.776	0.4	494473
As 188.980	171.747	ppb	2.1663	1.3	100.710
B 249.678	185.727	ppb	0.4627	0.2	1982.32
Ba 389.178	962.676	ppb	0.6911	0.1	14573.7
Be 313.042	59.1764	ppb	0.0399	0.1	67256.1
Ca 370.602	35132	ppb	123.0	0.4	54511
Cd 226.502	58.9079	ppb	0.3329	0.6	2378.75
Co 228.615	110.841	ppb	0.4696	0.4	1076.43
Cr 267.716	245.620	ppb	0.4282	0.2	8994.93
Cu 324.754	541.491	ppb	1.4226	0.3	31641.1
Fe 271.441	148401	ppb	128.753	0.1	171147
K 766.491	14140.0	ppb	29.7166	0.2	490826
Mg 279.078	12352.7	ppb	20.3986	0.2	21781.7
Mn 257.610	3599.36	ppb	15.4048	0.4	209838
Mo 202.032	111.398	ppb	0.5971	0.5	690.504
Na 330.237	5569.70	ppb	168.000	3.0	178.439
Ni 231.604	210.712	ppb	0.4328	0.2	493.448
Pb 220.353	899.258	ppb	2.5435	0.3	1115.30
Sb 206.834	61.3309	ppb	0.7893	1.3	83.8816
Se 196.026	111.264	ppb	1.4578	1.3	46.8241
Sn 189.925	215.582	ppb	3.1074	1.4	142.621
Sr 216.596	226.363	ppb	0.3710	0.2	2350.30
Ti 334.941	1626.83	ppb	10.4200	0.6	156197
Tl 190.794	47.5895	ppb	4.1531	8.7	14.6605
V 292.401	328.845	ppb	0.9994	0.3	6741.01
Zn 206.200	2683.25	ppb	7.0608	0.3	2287.07

680-86021-b-8-a (Samp) **12/23/2012, 1:06:49 AM** **Rack 2, Tube 55**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	15.2684	15.1053	15.6458
Al 308.215	111302	109862	110004
As 188.980	295.823	305.567	300.062
B 249.678	-21.0438u	-14.7955u	-14.5015u
Ba 389.178	6391.89	6394.65	6393.13
Be 313.042	11.8567	11.8586	11.8784
Ca 370.602	166617	166727	166811
Cd 226.502	23.3412	24.9442	24.9045
Co 228.615	100.388	100.328	100.947
Cr 267.716	378.357	380.953	380.917
Cu 324.754	4074.25	4082.55	4087.79
Fe 271.441	708290	701150	703276
K 766.491	12853.8	12825.9	12829.4
Mg 279.078	27235.7	27317.3	27345.1
Mn 257.610	15635.7	15880.4	15894.7
Mo 202.032	31.3479	31.6186	32.6051
Na 330.237	4197.17u	4104.64u	4293.72u
Ni 231.604	610.725	613.412	615.058
Pb 220.353	9790.58	9743.96	9783.69
Sb 206.834	158.176	160.429	162.215
Se 196.026	24.2903	14.5472	29.6557
Sn 189.925	7347.97	7374.64	7383.36
Sr 216.596	765.596	770.181	771.664
Ti 334.941	2272.51	2311.21	2311.19
Tl 190.794	44.0420u	44.4794u	44.5493u
V 292.401	297.886	298.253	297.499
Zn 206.200	13657.0	13663.2	13697.6

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	15.3398	ppb	0.2772	1.8	565.760
Al 308.215	110389	ppb	793.718	0.7	379970
As 188.980	300.484	ppb	4.8860	1.6	177.039
B 249.678	-16.7803	ppb	3.6953	22.0	-523.456
Ba 389.178	6393.22	ppb	1.3792	0.0	96732.8
Be 313.042	11.8646	ppb	0.0120	0.1	13448.3
Ca 370.602	166718	ppb	96.84	0.1	257838
Cd 226.502	24.3966	ppb	0.9143	3.7	3097.03
Co 228.615	100.554	ppb	0.3413	0.3	1012.24
Cr 267.716	380.076	ppb	1.4888	0.4	14029.6
Cu 324.754	4081.53	ppb	6.8283	0.2	237154
Fe 271.441	704239	ppb	3665.78	0.5	812176
K 766.491	12836.4	ppb	15.2168	0.1	445596
Mg 279.078	27299.4	ppb	56.8851	0.2	48110.5
Mn 257.610	15803.6	ppb	145.567	0.9	921234
Mo 202.032	31.8572	ppb	0.6617	2.1	173.870
Na 330.237	4198.51	ppb	94.5460	2.3	-43.8119
Ni 231.604	613.065	ppb	2.1871	0.4	1446.00
Pb 220.353	9772.74	ppb	25.1621	0.3	12128.8
Sb 206.834	160.273	ppb	2.0240	1.3	216.690
Se 196.026	22.8311	ppb	7.6593	33.5	12.9752
Sn 189.925	7368.66	ppb	18.4412	0.3	4929.38
Sr 216.596	769.147	ppb	3.1634	0.4	8333.64
Ti 334.941	2298.30	ppb	22.3378	1.0	220697
Tl 190.794	44.3569	ppb	0.2749	0.6	-17.2683
V 292.401	297.879	ppb	0.3772	0.1	6267.97
Zn 206.200	13672.6	ppb	21.8633	0.2	11654.6

680-86021-b-9-a (Samp) **12/23/2012, 1:13:16 AM** **Rack 2, Tube 56**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	4.7918	5.2490	4.5792
Al 308.215	99003.9	98980.1	99506.7
As 188.980	171.801	168.989	175.741
B 249.678	-43.9214u	-44.3623u	-46.5083u
Ba 389.178	2834.03	2833.74	2833.85
Be 313.042	10.5761	10.5640	10.5300
Ca 370.602	90744	90767	90763
Cd 226.502	10.6550	10.2017	9.5709
Co 228.615	73.8262	74.4858	74.2650
Cr 267.716	292.097	291.054	290.328
Cu 324.754	1211.49	1207.39	1213.14
Fe 271.441	461726	460832	460869
K 766.491	11442.2	11428.9	11468.6
Mg 279.078	11083.8	11074.2	11037.3
Mn 257.610	7474.78	7458.23	7396.01
Mo 202.032	16.4726	16.1150	16.3663
Na 330.237	5971.95	5887.14	5806.75
Ni 231.604	149.589	150.583	148.839
Pb 220.353	3713.11	3707.95	3712.74
Sb 206.834	44.6921	42.3106	46.9329
Se 196.026	18.4227	18.5323	11.2786
Sn 189.925	2010.92	2000.91	2002.59
Sr 216.596	294.241	294.912	292.272
Ti 334.941	1165.53	1160.01	1153.90
Tl 190.794	27.0820u	23.9646u	20.1017u
V 292.401	302.775	301.730	302.365
Zn 206.200	6722.23	6705.93	6683.67

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	4.8733	ppb	0.3423	7.0	138.104
Al 308.215	99163.5	ppb	297.390	0.3	341333
As 188.980	172.177	ppb	3.3921	2.0	100.989
B 249.678	-44.9307	ppb	1.3840	3.1	-701.512
Ba 389.178	2833.88	ppb	0.1483	0.0	42895.6
Be 313.042	10.5567	ppb	0.0239	0.2	11932.6
Ca 370.602	90758	ppb	12.33	0.0	117583
Cd 226.502	10.1425	ppb	0.5445	5.4	1838.47
Co 228.615	74.1923	ppb	0.3358	0.5	733.886
Cr 267.716	291.160	ppb	0.8895	0.3	10731.0
Cu 324.754	1210.67	ppb	2.9654	0.2	70480.6
Fe 271.441	461142	ppb	506.104	0.1	531818
K 766.491	11446.6	ppb	20.1969	0.2	397376
Mg 279.078	11065.1	ppb	24.5167	0.2	19501.5
Mn 257.610	7443.01	ppb	41.5348	0.6	433952
Mo 202.032	16.3180	ppb	0.1836	1.1	87.9040
Na 330.237	5888.61	ppb	82.6127	1.4	112.354
Ni 231.604	149.670	ppb	0.8750	0.6	360.693
Pb 220.353	3711.27	ppb	2.8796	0.1	4609.85
Sb 206.834	44.6452	ppb	2.3115	5.2	69.0648
Se 196.026	16.0779	ppb	4.1566	25.9	9.4765
Sn 189.925	2004.80	ppb	5.3625	0.3	1339.95
Sr 216.596	293.808	ppb	1.3724	0.5	3510.61
Ti 334.941	1159.81	ppb	5.8212	0.5	111366
Tl 190.794	23.7161	ppb	3.4968	14.7	-15.6319
V 292.401	302.290	ppb	0.5267	0.2	6291.95
Zn 206.200	6703.94	ppb	19.3598	0.3	5714.56

680-86021-a-26-a (Samp) **12/23/2012, 1:19:43 AM** **Rack 2, Tube 57**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.4160u	-0.1179u	0.2237u
Al 308.215	112489	120600	117797
As 188.980	58.2863	67.7435	66.8328
B 249.678	1.2915u	1.8414u	1.3195u
Ba 389.178	813.146	875.566	851.812
Be 313.042	3.6041	3.8873	3.7791
Ca 370.602	28646	29758	29328
Cd 226.502	6.3118	8.4973	7.5929
Co 228.615	55.1055	59.0616	58.0548
Cr 267.716	127.628	138.547	134.107
Cu 324.754	367.816	403.339	389.289
Fe 271.441	117724	126906	123625
K 766.491	7636.61	8158.73	7965.52
Mg 279.078	5862.54	6338.21	6157.20
Mn 257.610	2863.08	3123.62	3021.86
Mo 202.032	9.0788	8.9537	8.9759
Na 330.237	361.468u	201.153u	237.289u
Ni 231.604	88.7672	96.2694	94.4628
Pb 220.353	738.591	784.133	774.744
Sb 206.834	9.6394	8.5137	11.9484
Se 196.026	7.3416	0.4695	10.3725
Sn 189.925	67.9285	71.6155	70.3231
Sr 216.596	116.657	128.422	123.715
Ti 334.941	1284.24	1406.21	1359.44
Tl 190.794	8.2967u	4.1880u	6.0674u
V 292.401	188.524	203.542	198.225
Zn 206.200	2343.93	2516.27	2465.59

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1034	ppb	0.3201	309.7	-25.7377
Al 308.215	116962	ppb	4119.61	3.5	402586
As 188.980	64.2875	ppb	5.2172	8.1	37.0385
B 249.678	1.4841	ppb	0.3097	20.9	-16.6405
Ba 389.178	846.841	ppb	31.5054	3.7	12813.0
Be 313.042	3.7568	ppb	0.1429	3.8	4194.89
Ca 370.602	29244	ppb	560.9	1.9	45605
Cd 226.502	7.4674	ppb	1.0981	14.7	654.671
Co 228.615	57.4073	ppb	2.0560	3.6	565.956
Cr 267.716	133.427	ppb	5.4913	4.1	4904.59
Cu 324.754	386.815	ppb	17.8903	4.6	22657.2
Fe 271.441	122751	ppb	4652.98	3.8	141561
K 766.491	7920.29	ppb	263.980	3.3	275028
Mg 279.078	6119.31	ppb	240.084	3.9	10780.6
Mn 257.610	3002.85	ppb	131.310	4.4	175062
Mo 202.032	9.0028	ppb	0.0667	0.7	57.5667
Na 330.237	266.637	ppb	84.0902	31.5	-30.2097
Ni 231.604	93.1665	ppb	3.9155	4.2	219.150
Pb 220.353	765.823	ppb	24.0458	3.1	950.317
Sb 206.834	10.0338	ppb	1.7510	17.5	20.3399
Se 196.026	6.0612	ppb	5.0741	83.7	4.3714
Sn 189.925	69.9557	ppb	1.8708	2.7	45.1673
Sr 216.596	122.931	ppb	5.9217	4.8	1349.69
Ti 334.941	1349.96	ppb	61.5361	4.6	129609
Tl 190.794	6.1840	ppb	2.0568	33.3	-4.1404
V 292.401	196.764	ppb	7.6151	3.9	4052.28
Zn 206.200	2441.93	ppb	88.5724	3.6	2081.62

680-86021-a-27-a (Samp) **12/23/2012, 1:26:10 AM** **Rack 2, Tube 58**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	14.1477	15.3335	14.8501
Al 308.215	95793.5	96028.9	96262.7
As 188.980	329.386	311.167	309.340
B 249.678	-46.9531u	-48.6679u	-49.1496u
Ba 389.178	6845.39	6857.23	6839.80
Be 313.042	10.3536	10.3557	10.3521
Ca 370.602	152929	153159	153037
Cd 226.502	27.0208	26.6863	26.4608
Co 228.615	93.2175	93.2446	92.6756
Cr 267.716	371.977	373.176	371.523
Cu 324.754	2561.00	2636.40	2586.71
Fe 271.441	772729	775292	772237
K 766.491	11545.5	11537.8	11548.0
Mg 279.078	19008.2	19005.9	18957.9
Mn 257.610	11626.6	11657.5	11541.0
Mo 202.032	31.8965	31.1206	32.1919
Na 330.237	5032.55u	5008.03u	4957.67u
Ni 231.604	267.098	266.174	269.985
Pb 220.353	8722.06	8744.46	8719.10
Sb 206.834	119.321	118.086	117.565
Se 196.026	32.1490	25.9521	15.8128
Sn 189.925	6704.32	6754.83	6692.90
Sr 216.596	708.493	708.936	705.468
Ti 334.941	2194.53	2192.11	2177.03
Tl 190.794	49.0760u	49.5704u	38.3641u
V 292.401	272.537	273.790	272.716
Zn 206.200	11654.3	11678.9	11624.2

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	14.7771	ppb	0.5962	4.0	528.337
Al 308.215	96028.4	ppb	234.579	0.2	330542
As 188.980	316.631	ppb	11.0836	3.5	186.611
B 249.678	-48.2569	ppb	1.1545	2.4	-903.050
Ba 389.178	6847.47	ppb	8.8988	0.1	103603
Be 313.042	10.3538	ppb	0.0018	0.0	11720.7
Ca 370.602	153041	ppb	115.1	0.1	198975
Cd 226.502	26.7226	ppb	0.2817	1.1	3388.52
Co 228.615	93.0459	ppb	0.3210	0.3	942.031
Cr 267.716	372.225	ppb	0.8539	0.2	13760.9
Cu 324.754	2594.70	ppb	38.3314	1.5	150840
Fe 271.441	773419	ppb	1639.94	0.2	891958
K 766.491	11543.8	ppb	5.2689	0.0	400748
Mg 279.078	18990.7	ppb	28.4124	0.1	33483.4
Mn 257.610	11608.4	ppb	60.3517	0.5	676821
Mo 202.032	31.7363	ppb	0.5533	1.7	169.875
Na 330.237	4999.42	ppb	38.1749	0.8	-13.9572
Ni 231.604	267.753	ppb	1.9877	0.7	644.796
Pb 220.353	8728.54	ppb	13.8666	0.2	10835.9
Sb 206.834	118.324	ppb	0.9021	0.8	165.709
Se 196.026	24.6380	ppb	8.2470	33.5	13.9183
Sn 189.925	6717.35	ppb	32.9581	0.5	4493.53
Sr 216.596	707.632	ppb	1.8874	0.3	7889.65
Ti 334.941	2187.89	ppb	9.4836	0.4	210097
Tl 190.794	45.6702	ppb	6.3321	13.9	-23.2550
V 292.401	273.014	ppb	0.6775	0.2	5789.35
Zn 206.200	11652.5	ppb	27.4345	0.2	9032.88

680-86021-a-28-a (Samp) **12/23/2012, 1:32:38 AM** **Rack 2, Tube 59**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	5.3094	4.8305	5.7428
Al 308.215	73828.5	73123.3	73882.3
As 188.980	120.635	121.533	116.090
B 249.678	-10.4473u	-9.7440u	-11.0464u
Ba 389.178	2633.40	2622.47	2625.80
Be 313.042	6.7758	6.7813	6.7731
Ca 370.602	73907	73804	73900
Cd 226.502	10.7497	10.9355	10.9626
Co 228.615	54.2875	53.7935	52.9217
Cr 267.716	230.025	230.107	229.050
Cu 324.754	1413.60	1418.33	1413.17
Fe 271.441	341841	340596	341322
K 766.491	7845.89	7804.41	7814.33
Mg 279.078	9914.41	9892.56	9902.16
Mn 257.610	6431.43	6489.34	6430.95
Mo 202.032	13.9738	14.3122	13.0827
Na 330.237	1513.18u	1577.76u	1757.99u
Ni 231.604	129.069	129.754	128.600
Pb 220.353	3806.33	3791.31	3815.98
Sb 206.834	43.9386	42.6437	40.4597
Se 196.026	15.0584	18.0523	14.8211
Sn 189.925	2067.05	2081.61	2095.44
Sr 216.596	258.987	259.678	257.591
Ti 334.941	1149.46	1152.91	1141.28
Tl 190.794	13.9133u	21.1174u	17.9251u
V 292.401	183.976	182.960	183.085
Zn 206.200	6719.81	6716.57	6728.01

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	5.2942	ppb	0.4563	8.6	178.677
Al 308.215	73611.4	ppb	423.551	0.6	253383
As 188.980	119.419	ppb	2.9175	2.4	69.7171
B 249.678	-10.4126	ppb	0.6519	6.3	-262.219
Ba 389.178	2627.22	ppb	5.5997	0.2	39753.4
Be 313.042	6.7767	ppb	0.0041	0.1	7624.92
Ca 370.602	73871	ppb	57.46	0.1	105445
Cd 226.502	10.8826	ppb	0.1159	1.1	1474.04
Co 228.615	53.6676	ppb	0.6916	1.3	534.380
Cr 267.716	229.727	ppb	0.5877	0.3	8465.25
Cu 324.754	1415.04	ppb	2.8627	0.2	82344.7
Fe 271.441	341253	ppb	625.627	0.2	393551
K 766.491	7821.54	ppb	21.6626	0.3	271602
Mg 279.078	9903.04	ppb	10.9482	0.1	17452.3
Mn 257.610	6450.57	ppb	33.5784	0.5	376065
Mo 202.032	13.7896	ppb	0.6351	4.6	76.7920
Na 330.237	1616.31	ppb	126.877	7.8	-38.5692
Ni 231.604	129.141	ppb	0.5801	0.4	309.408
Pb 220.353	3804.54	ppb	12.4314	0.3	4723.49
Sb 206.834	42.3473	ppb	1.7583	4.2	63.7364
Se 196.026	15.9773	ppb	1.8009	11.3	9.0612
Sn 189.925	2081.37	ppb	14.1948	0.7	1391.18
Sr 216.596	258.752	ppb	1.0630	0.4	2984.77
Ti 334.941	1147.88	ppb	5.9741	0.5	110215
Tl 190.794	17.6519	ppb	3.6098	20.5	-11.4134
V 292.401	183.340	ppb	0.5538	0.3	3834.05
Zn 206.200	6721.46	ppb	5.8959	0.1	5729.39

680-86021-a-30-a (Samp) **12/23/2012, 1:39:06 AM** **Rack 2, Tube 60**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	0.6138u	0.7622u	0.8981u
Al 308.215	109757	109947	109533
As 188.980	302.113	298.513	301.316
B 249.678	-22.5987u	-23.8438u	-22.7288u
Ba 389.178	1927.63	1930.36	1930.45
Be 313.042	15.0682	15.0705	15.0788
Ca 370.602	135097	135252	135013
Cd 226.502	9.6649	9.2669	9.4505
Co 228.615	94.9090	93.6256	93.4684
Cr 267.716	350.543	349.836	350.773
Cu 324.754	552.608	559.698	555.721
Fe 271.441	351649	351668	351713
K 766.491	16244.3	16243.7	16255.3
Mg 279.078	33196.2	33165.0	33182.1
Mn 257.610	11616.6	11596.2	11648.9
Mo 202.032	17.9375	18.3073	18.7064
Na 330.237	948.676u	943.831u	833.464u
Ni 231.604	146.445	146.717	147.046
Pb 220.353	2112.52	2115.50	2116.61
Sb 206.834	24.7224	20.3302	21.6520
Se 196.026	22.2766	26.2309	19.6003
Sn 189.925	196.022	201.757	197.157
Sr 216.596	450.429	448.944	451.396
Ti 334.941	2358.13	2349.83	2367.26
Tl 190.794	30.5470u	19.6026u	16.8101u
V 292.401	350.281	349.702	350.201
Zn 206.200	3915.03	3924.40	3902.26

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.7581	ppb	0.1422	18.8	-30.5897
Al 308.215	109746	ppb	207.086	0.2	377756
As 188.980	300.647	ppb	1.8907	0.6	177.139
B 249.678	-23.0571	ppb	0.6844	3.0	-405.310
Ba 389.178	1929.48	ppb	1.6053	0.1	29225.6
Be 313.042	15.0725	ppb	0.0056	0.0	17109.1
Ca 370.602	135121	ppb	121.2	0.1	274932
Cd 226.502	9.4608	ppb	0.1992	2.1	1468.54
Co 228.615	94.0010	ppb	0.7903	0.8	940.008
Cr 267.716	350.384	ppb	0.4882	0.1	12859.8
Cu 324.754	556.009	ppb	3.5539	0.6	32491.2
Fe 271.441	351676	ppb	32.7550	0.0	405578
K 766.491	16247.8	ppb	6.4996	0.0	563957
Mg 279.078	33181.1	ppb	15.5833	0.0	58506.6
Mn 257.610	11620.6	ppb	26.5666	0.2	677331
Mo 202.032	18.3171	ppb	0.3846	2.1	105.132
Na 330.237	908.657	ppb	65.1640	7.2	-61.2030
Ni 231.604	146.736	ppb	0.3012	0.2	351.270
Pb 220.353	2114.88	ppb	2.1143	0.1	2628.58
Sb 206.834	22.2349	ppb	2.2534	10.1	39.8936
Se 196.026	22.7026	ppb	3.3358	14.7	11.8000
Sn 189.925	198.312	ppb	3.0367	1.5	131.088
Sr 216.596	450.256	ppb	1.2351	0.3	4787.15
Ti 334.941	2358.41	ppb	8.7163	0.4	226454
Tl 190.794	22.3199	ppb	7.2604	32.5	-6.5107
V 292.401	350.061	ppb	0.3137	0.1	7231.07
Zn 206.200	3913.90	ppb	11.1168	0.3	3236.45

mb 680-260758/1-a (Samp) **12/23/2012, 1:58:29 AM** **Rack 3, Tube 3**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.1616u	-0.0061u	0.2839
Al 308.215	-0.3456u	0.0300	0.4323
As 188.980	-0.2466u	0.3401	-3.1501u
B 249.678	4.2871	3.7839	3.8291
Ba 389.178	0.0330	0.1934	-0.3011u
Be 313.042	0.0115	0.0081	0.0130
Ca 370.602	0.4726	-1.768u	2.380
Cd 226.502	0.0362	0.1123	0.1822
Co 228.615	0.4758	0.3097	0.8029
Cr 267.716	-0.0149u	0.2019	0.0182
Cu 324.754	0.0689	0.0852	-0.1758u
Fe 271.441	4.2404	5.1007	0.6142
K 766.491	0.1877	1.2907	0.9620
Mg 279.078	3.4739	2.9171	0.8466
Mn 257.610	-0.1100u	-0.1920u	-0.1014u
Mo 202.032	0.1680	-0.2466u	0.4899
Na 330.237	80.5152	29.3184	-91.0953u
Ni 231.604	0.0482	0.9690	-0.2874u
Pb 220.353	0.4149	-2.1759u	-0.5371u
Sb 206.834	-1.0058u	-0.7228u	-2.0052u
Se 196.026	-5.9779u	-1.0045u	-7.4750u
Sn 189.925	1.2769	1.2795	-0.8930u
Sr 216.596	0.0549	-0.3433u	-0.4158u
Ti 334.941	0.2308	0.2367	0.2305
Tl 190.794	2.7062	-1.5131u	-0.0506u
V 292.401	-0.1009u	-0.0605u	0.0887
Zn 206.200	-0.4664u	1.8929	1.3586

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0387	ppb	0.2261	584.2	3.3289
Al 308.215	0.0389	ppb	0.3890	999.4	18.8645
As 188.980	-1.0189	ppb	1.8689	183.4	-1.6697
B 249.678	3.9667	ppb	0.2784	7.0	75.1989
Ba 389.178	-0.0249	ppb	0.2523	1013.8	-8.4991
Be 313.042	0.0109	ppb	0.0025	22.9	-111.255
Ca 370.602	0.3616	ppb	2.076	574.1	29.64
Cd 226.502	0.1102	ppb	0.0730	66.2	4.7812
Co 228.615	0.5295	ppb	0.2509	47.4	-2.5981
Cr 267.716	0.0684	ppb	0.1167	170.7	18.8520
Cu 324.754	-0.0072	ppb	0.1462	2026.2	185.503
Fe 271.441	3.3184	ppb	2.3811	71.8	-7.2820
K 766.491	0.8135	ppb	0.5663	69.6	255.523
Mg 279.078	2.4125	ppb	1.3844	57.4	10.1847
Mn 257.610	-0.1344	ppb	0.0500	37.2	20.1106
Mo 202.032	0.1371	ppb	0.3692	269.3	5.2681
Na 330.237	6.2461	ppb	88.1010	1410.5	0.6682
Ni 231.604	0.2433	ppb	0.6506	267.4	-0.7898
Pb 220.353	-0.7660	ppb	1.3105	171.1	1.0653
Sb 206.834	-1.2446	ppb	0.6738	54.1	2.2269
Se 196.026	-4.8192	ppb	3.3873	70.3	-0.4003
Sn 189.925	0.5545	ppb	1.2535	226.1	-1.2790
Sr 216.596	-0.2347	ppb	0.2534	108.0	-1.7588
Ti 334.941	0.2327	ppb	0.0035	1.5	-2.5949
Tl 190.794	0.3808	ppb	2.1425	562.6	-1.0565
V 292.401	-0.0242	ppb	0.0999	412.4	-0.4726
Zn 206.200	0.9284	ppb	1.2370	133.3	-1.1843

lcs 680-260758/2-a (Samp) **12/23/2012, 2:04:57 AM** **Rack 3, Tube 4**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	48.6577	48.4937	49.3150
Al 308.215	4820.82	4835.39	4775.76
As 188.980	105.938	105.251	97.7554
B 249.678	199.828	200.035	201.280
Ba 389.178	97.4998	97.8535	98.1676
Be 313.042	51.0608	51.1371	51.2398
Ca 370.602	4848	4846	4847
Cd 226.502	49.6190	49.7494	50.0490
Co 228.615	48.9856	49.5046	49.7731
Cr 267.716	100.234	100.632	101.102
Cu 324.754	99.4581	99.9641	98.8436
Fe 271.441	4913.65	4917.56	4903.24
K 766.491	4856.61	4855.31	4857.75
Mg 279.078	4921.51	4923.40	4937.77
Mn 257.610	512.467	510.985	519.384
Mo 202.032	99.0176	98.8686	99.4371
Na 330.237	4488.25	4452.81	4533.21
Ni 231.604	100.860	99.2011	99.5000
Pb 220.353	48.4735	48.8369	50.2079
Sb 206.834	47.6497	47.6318	47.9063
Se 196.026	98.1972	97.9128	98.6570
Sn 189.925	96.2622	98.2895	99.1175
Sr 216.596	98.8594	98.0530	98.8646
Ti 334.941	101.006	101.037	102.545
Tl 190.794	41.4610	39.2036	40.8174
V 292.401	100.251	100.420	100.325
Zn 206.200	98.6785	96.3587	99.0899

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	48.8221	ppb	0.4346	0.9	2219.39
Al 308.215	4810.66	ppb	31.0891	0.6	16582.0
As 188.980	102.982	ppb	4.5390	4.4	59.9521
B 249.678	200.381	ppb	0.7854	0.4	2218.01
Ba 389.178	97.8403	ppb	0.3341	0.3	1475.92
Be 313.042	51.1459	ppb	0.0898	0.2	58069.9
Ca 370.602	4847	ppb	0.7769	0.0	12194
Cd 226.502	49.8058	ppb	0.2205	0.4	1603.30
Co 228.615	49.4211	ppb	0.4003	0.8	460.815
Cr 267.716	100.656	ppb	0.4347	0.4	3681.53
Cu 324.754	99.4219	ppb	0.5611	0.6	5960.10
Fe 271.441	4911.48	ppb	7.4037	0.2	5658.18
K 766.491	4856.56	ppb	1.2219	0.0	168730
Mg 279.078	4927.56	ppb	8.8930	0.2	8702.47
Mn 257.610	514.279	ppb	4.4832	0.9	30000.8
Mo 202.032	99.1077	ppb	0.2948	0.3	617.400
Na 330.237	4491.42	ppb	40.2968	0.9	181.493
Ni 231.604	99.8538	ppb	0.8842	0.9	231.143
Pb 220.353	49.1728	ppb	0.9147	1.9	62.8153
Sb 206.834	47.7293	ppb	0.1536	0.3	62.2317
Se 196.026	98.2557	ppb	0.3756	0.4	41.1294
Sn 189.925	97.8897	ppb	1.4690	1.5	63.8592
Sr 216.596	98.5923	ppb	0.4671	0.5	921.809
Ti 334.941	101.529	ppb	0.8799	0.9	9725.49
Tl 190.794	40.4940	ppb	1.1629	2.9	18.3642
V 292.401	100.332	ppb	0.0847	0.1	2033.95
Zn 206.200	98.0424	ppb	1.4726	1.5	83.6975

680-85901-b-1-a (Samp) **12/23/2012, 2:11:24 AM** **Rack 3, Tube 5**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.6053u	-0.5980u	-0.5598u
Al 308.215	5686.04	5716.89	5719.95
As 188.980	9.3586	5.7559	6.9686
B 249.678	4.8264	4.7635	4.2792
Ba 389.178	49.0692	49.2718	48.1632
Be 313.042	0.7711	0.7738	0.7732
Ca 370.602	7217	7220	7209
Cd 226.502	-0.0319	-0.0767	-0.0836
Co 228.615	5.5433	5.1573	4.8300
Cr 267.716	5.2899	5.1583	5.3536
Cu 324.754	8.5737	8.7147	8.1761
Fe 271.441	8661.08	8678.64	8650.10
K 766.491	5643.26	5655.09	5654.56
Mg 279.078	2445.63	2449.37	2430.80
Mn 257.610	196.865	195.557	195.525
Mo 202.032	3.1952	2.9292	3.5558
Na 330.237	1947.07	1806.87	1604.05
Ni 231.604	7.0641	6.5672	6.0083
Pb 220.353	5.8028	8.8999	5.6818
Sb 206.834	0.6501	-2.2745u	-3.4873u
Se 196.026	-3.6246u	0.4753	0.6033
Sn 189.925	0.4210	1.9278	-0.7369u
Sr 216.596	26.6429	26.3221	26.0409
Ti 334.941	321.837	320.333	318.937
Tl 190.794	-2.3452u	3.1610	4.6133
V 292.401	9.4359	9.0464	8.8884
Zn 206.200	48.4853	48.9653	48.1087

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.5877	ppb	0.0244	4.2	-26.9086
Al 308.215	5707.63	ppb	18.7566	0.3	19663.7
As 188.980	7.3611	ppb	1.8331	24.9	3.2967
B 249.678	4.6230	ppb	0.2994	6.5	77.8046
Ba 389.178	48.8348	ppb	0.5903	1.2	732.785
Be 313.042	0.7727	ppb	0.0014	0.2	763.281
Ca 370.602	7215	ppb	5.462	0.1	17727
Cd 226.502	-0.0641	ppb	0.0281	43.8	28.6835
Co 228.615	5.1769	ppb	0.3571	6.9	47.5615
Cr 267.716	5.2673	ppb	0.0996	1.9	210.317
Cu 324.754	8.4881	ppb	0.2793	3.3	682.757
Fe 271.441	8663.27	ppb	14.3985	0.2	9980.57
K 766.491	5650.97	ppb	6.6829	0.1	196292
Mg 279.078	2441.93	ppb	9.8244	0.4	4316.31
Mn 257.610	195.982	ppb	0.7651	0.4	11454.2
Mo 202.032	3.2268	ppb	0.3145	9.7	24.1445
Na 330.237	1785.99	ppb	172.461	9.7	69.9617
Ni 231.604	6.5466	ppb	0.5282	8.1	14.1965
Pb 220.353	6.7948	ppb	1.8241	26.8	10.3632
Sb 206.834	-1.7039	ppb	2.1269	124.8	1.8744
Se 196.026	-0.8487	ppb	2.4049	283.4	1.2263
Sn 189.925	0.5373	ppb	1.3362	248.7	-1.2879
Sr 216.596	26.3353	ppb	0.3012	1.1	260.397
Ti 334.941	320.369	ppb	1.4504	0.5	30737.7
Tl 190.794	1.8097	ppb	3.6708	202.8	-0.7205
V 292.401	9.1235	ppb	0.2818	3.1	190.441
Zn 206.200	48.5198	ppb	0.4294	0.9	41.7901

680-85901-b-2-a (Samp) **12/23/2012, 2:17:52 AM** **Rack 3, Tube 6**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.0229u	-0.4863u	-0.4511u
Al 308.215	3565.59	3540.10	3520.40
As 188.980	7.6261	4.4998	2.8422
B 249.678	9.3151	9.3714	9.3256
Ba 389.178	23.0637	22.8822	23.1092
Be 313.042	0.3768	0.3763	0.3692
Ca 370.602	7327	7306	7304
Cd 226.502	0.0452	-0.0202	0.1013
Co 228.615	6.2096	6.1436	6.4318
Cr 267.716	4.6536	4.6698	4.7971
Cu 324.754	6.7819	6.6372	6.5280
Fe 271.441	4456.97	4449.10	4464.10
K 766.491	8621.23	8628.44	8626.13
Mg 279.078	3960.64	3966.29	3973.34
Mn 257.610	275.352	279.107	281.122
Mo 202.032	1.1086	0.4760	1.0400
Na 330.237	1832.82	1933.04	1934.28
Ni 231.604	7.5231	7.6243	7.0860
Pb 220.353	3.4045	3.2843	3.9310
Sb 206.834	-0.0178	-1.9736u	-1.7721u
Se 196.026	2.9751	1.9790	-4.1567u
Sn 189.925	2.5016	0.7626	-0.1849u
Sr 216.596	21.2806	21.1755	20.7260
Ti 334.941	100.555	101.113	102.092
Tl 190.794	-1.6097u	-0.8077u	-0.0515u
V 292.401	6.0467	5.9718	6.3827
Zn 206.200	27.2878	25.4891	24.9724

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.3201	ppb	0.2580	80.6	-13.9695
Al 308.215	3542.03	ppb	22.6578	0.6	12210.0
As 188.980	4.9894	ppb	2.4292	48.7	1.8915
B 249.678	9.3374	ppb	0.0299	0.3	131.526
Ba 389.178	23.0184	ppb	0.1201	0.5	343.339
Be 313.042	0.3741	ppb	0.0043	1.1	305.428
Ca 370.602	7312	ppb	12.63	0.2	19254
Cd 226.502	0.0421	ppb	0.0608	144.4	18.1244
Co 228.615	6.2617	ppb	0.1510	2.4	53.7616
Cr 267.716	4.7068	ppb	0.0786	1.7	188.858
Cu 324.754	6.6490	ppb	0.1274	1.9	573.167
Fe 271.441	4456.72	ppb	7.5031	0.2	5129.31
K 766.491	8625.26	ppb	3.6803	0.0	299488
Mg 279.078	3966.76	ppb	6.3634	0.2	7008.09
Mn 257.610	278.527	ppb	2.9286	1.1	16263.3
Mo 202.032	0.8749	ppb	0.3471	39.7	9.7236
Na 330.237	1900.04	ppb	58.2235	3.1	76.3317
Ni 231.604	7.4112	ppb	0.2861	3.9	16.1222
Pb 220.353	3.5399	ppb	0.3440	9.7	6.3945
Sb 206.834	-1.2545	ppb	1.0758	85.8	2.3518
Se 196.026	0.2658	ppb	3.8622	1453.1	1.6618
Sn 189.925	1.0264	ppb	1.3626	132.7	-0.9603
Sr 216.596	21.0607	ppb	0.2946	1.4	204.179
Ti 334.941	101.253	ppb	0.7781	0.8	9697.84
Tl 190.794	-0.8230	ppb	0.7792	94.7	-1.7437
V 292.401	6.1337	ppb	0.2189	3.6	126.088
Zn 206.200	25.9164	ppb	1.2154	4.7	22.5411

680-85901-b-3-a (Samp) **12/23/2012, 2:24:20 AM** **Rack 3, Tube 7**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.4030u	-0.1790u	-0.0508u
Al 308.215	2303.47	2318.76	2320.43
As 188.980	3.9389	4.0780	1.2023
B 249.678	7.1693	7.6957	7.6006
Ba 389.178	19.9522	19.6594	19.9534
Be 313.042	0.3050	0.3078	0.3092
Ca 370.602	3496	3511	3511
Cd 226.502	0.1191	0.0548	-0.0051
Co 228.615	2.3957	2.5584	2.3906
Cr 267.716	1.9541	1.8795	2.0190
Cu 324.754	5.9257	5.8090	6.0119
Fe 271.441	2898.93	2899.50	2885.01
K 766.491	3628.38	3632.77	3642.69
Mg 279.078	1340.98	1339.40	1335.13
Mn 257.610	130.541	130.114	129.735
Mo 202.032	1.1224	0.8462	0.9397
Na 330.237	1511.03	1356.00	1381.38
Ni 231.604	2.4721	3.2433	3.7709
Pb 220.353	2.6868	2.0103	3.1485
Sb 206.834	-2.6277u	-4.0125u	-3.9604u
Se 196.026	4.0393	0.5054	-2.3763u
Sn 189.925	1.9595	0.9603	1.6372
Sr 216.596	16.0277	16.2737	16.3664
Ti 334.941	94.2111	94.0589	93.7801
Tl 190.794	-1.0130u	-0.9735u	-1.6857u
V 292.401	3.1270	3.1784	3.0134
Zn 206.200	21.0571	21.3729	21.1394

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2109	ppb	0.1782	84.5	-8.6640
Al 308.215	2314.22	ppb	9.3437	0.4	7983.96
As 188.980	3.0731	ppb	1.6216	52.8	0.7556
B 249.678	7.4885	ppb	0.2805	3.7	112.147
Ba 389.178	19.8550	ppb	0.1694	0.9	293.258
Be 313.042	0.3073	ppb	0.0022	0.7	228.559
Ca 370.602	3506	ppb	8.546	0.2	9022
Cd 226.502	0.0563	ppb	0.0621	110.5	13.0236
Co 228.615	2.4482	ppb	0.0954	3.9	17.4037
Cr 267.716	1.9508	ppb	0.0698	3.6	88.1287
Cu 324.754	5.9155	ppb	0.1018	1.7	530.526
Fe 271.441	2894.48	ppb	8.2088	0.3	3327.25
K 766.491	3634.61	ppb	7.3288	0.2	126333
Mg 279.078	1338.50	ppb	3.0244	0.2	2368.31
Mn 257.610	130.130	ppb	0.4031	0.3	7613.08
Mo 202.032	0.9694	ppb	0.1405	14.5	10.3474
Na 330.237	1416.14	ppb	83.1552	5.9	57.0641
Ni 231.604	3.1621	ppb	0.6532	20.7	6.1213
Pb 220.353	2.6152	ppb	0.5725	21.9	5.2338
Sb 206.834	-3.5335	ppb	0.7849	22.2	-0.5152
Se 196.026	0.7228	ppb	3.2133	444.6	1.8409
Sn 189.925	1.5190	ppb	0.5100	33.6	-0.6321
Sr 216.596	16.2226	ppb	0.1750	1.1	156.429
Ti 334.941	94.0167	ppb	0.2185	0.2	9002.82
Tl 190.794	-1.2241	ppb	0.4003	32.7	-1.9197
V 292.401	3.1063	ppb	0.0844	2.7	64.4884
Zn 206.200	21.1898	ppb	0.1638	0.8	18.4757

680-85901-b-4-a (Samp) **12/23/2012, 2:30:47 AM** **Rack 3, Tube 8**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.3899u	0.1851	-0.2618u
Al 308.215	1238.48	1226.33	1224.66
As 188.980	-0.6357u	1.0667	2.5895
B 249.678	6.6686	6.5401	5.7999
Ba 389.178	7.9172	8.5127	8.8268
Be 313.042	0.1060	0.1092	0.1000
Ca 370.602	5687	5698	5663
Cd 226.502	0.2134	0.0741	-0.0320
Co 228.615	3.5013	3.5486	4.0295
Cr 267.716	1.7155	1.8852	1.8001
Cu 324.754	4.2261	4.3200	4.2682
Fe 271.441	1479.56	1492.51	1476.46
K 766.491	8425.40	8482.76	8397.85
Mg 279.078	2489.57	2510.69	2493.03
Mn 257.610	257.606	262.541	260.135
Mo 202.032	0.3347	0.1735	0.2199
Na 330.237	582.227	475.685	567.970
Ni 231.604	1.7413	2.6527	2.1439
Pb 220.353	0.7476	0.0591	0.1349
Sb 206.834	0.4699	-1.4407u	-2.7443u
Se 196.026	0.8615	0.8778	-2.0876u
Sn 189.925	2.1634	-0.4719u	-1.6694u
Sr 216.596	9.6629	9.6451	9.3758
Ti 334.941	16.0299	16.5869	16.3344
Tl 190.794	0.2979	-1.6176u	0.3239
V 292.401	2.4882	2.4894	2.5200
Zn 206.200	13.3692	11.1209	13.5575

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1555	ppb	0.3018	194.1	-5.8629
Al 308.215	1229.82	ppb	7.5434	0.6	4251.64
As 188.980	1.0068	ppb	1.6134	160.3	-0.4691
B 249.678	6.3362	ppb	0.4689	7.4	100.314
Ba 389.178	8.4189	ppb	0.4620	5.5	121.017
Be 313.042	0.1051	ppb	0.0047	4.5	-2.7160
Ca 370.602	5683	ppb	17.76	0.3	15561
Cd 226.502	0.0852	ppb	0.1231	144.5	9.3978
Co 228.615	3.6932	ppb	0.2922	7.9	27.7595
Cr 267.716	1.8003	ppb	0.0849	4.7	82.2772
Cu 324.754	4.2714	ppb	0.0471	1.1	434.076
Fe 271.441	1482.84	ppb	8.5136	0.6	1699.37
K 766.491	8435.33	ppb	43.3199	0.5	292898
Mg 279.078	2497.76	ppb	11.3283	0.5	4414.20
Mn 257.610	260.094	ppb	2.4676	0.9	15186.1
Mo 202.032	0.2427	ppb	0.0830	34.2	5.8859
Na 330.237	541.961	ppb	57.8377	10.7	21.9995
Ni 231.604	2.1793	ppb	0.4567	21.0	3.8263
Pb 220.353	0.3139	ppb	0.3775	120.3	2.4300
Sb 206.834	-1.2384	ppb	1.6166	130.5	2.2828
Se 196.026	-0.1161	ppb	1.7074	1470.4	1.4986
Sn 189.925	0.0074	ppb	1.9608	26593.8	-1.6430
Sr 216.596	9.5613	ppb	0.1608	1.7	92.2187
Ti 334.941	16.3171	ppb	0.2789	1.7	1541.98
Tl 190.794	-0.3320	ppb	1.1135	335.4	-1.3527
V 292.401	2.4992	ppb	0.0180	0.7	50.5362
Zn 206.200	12.6825	ppb	1.3557	10.7	11.2406

680-85935-b-1-a (Samp) **12/23/2012, 2:37:15 AM** **Rack 3, Tube 9**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.0485u	0.1359	-0.0895u
Al 308.215	419.763	424.493	427.569
As 188.980	1.4422	1.9625	1.2704
B 249.678	3.8800	4.2417	3.8541
Ba 389.178	5.2696	3.7778	4.1146
Be 313.042	0.0144	0.0140	0.0249
Ca 370.602	463.6	464.6	469.0
Cd 226.502	0.1484	0.1172	0.1653
Co 228.615	0.3882	0.0258	0.5020
Cr 267.716	0.8125	0.6133	0.8340
Cu 324.754	3.4841	3.2049	3.1523
Fe 271.441	452.098	452.933	456.882
K 766.491	856.026	860.477	871.284
Mg 279.078	217.883	215.315	221.641
Mn 257.610	27.1391	27.0105	27.2186
Mo 202.032	0.6440	0.5731	0.5299
Na 330.237	467.389	479.215	522.995
Ni 231.604	2.0658	1.4662	2.6286
Pb 220.353	0.3975	2.3394	2.5728
Sb 206.834	-3.7044u	-3.2181u	-2.3113u
Se 196.026	6.2808	-0.0680u	4.0075
Sn 189.925	0.7400	0.9900	0.6186
Sr 216.596	0.8483	1.2677	1.2336
Ti 334.941	9.4053	9.5718	9.5247
Tl 190.794	-1.4559u	1.3945	1.4137
V 292.401	4.8689	4.9096	4.9214
Zn 206.200	11.4973	12.5153	12.9848

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0007	ppb	0.1201	17350.7	1.4536
Al 308.215	423.942	ppb	3.9318	0.9	1478.08
As 188.980	1.5584	ppb	0.3604	23.1	-0.1422
B 249.678	3.9919	ppb	0.2167	5.4	75.2379
Ba 389.178	4.3873	ppb	0.7824	17.8	58.4200
Be 313.042	0.0178	ppb	0.0062	34.7	-102.944
Ca 370.602	465.7	ppb	2.881	0.6	1204
Cd 226.502	0.1437	ppb	0.0244	17.0	7.3980
Co 228.615	0.3053	ppb	0.2487	81.4	-4.5466
Cr 267.716	0.7533	ppb	0.1217	16.2	43.8805
Cu 324.754	3.2805	ppb	0.1783	5.4	376.446
Fe 271.441	453.971	ppb	2.5557	0.6	512.496
K 766.491	862.595	ppb	7.8465	0.9	30155.8
Mg 279.078	218.280	ppb	3.1817	1.5	391.113
Mn 257.610	27.1227	ppb	0.1050	0.4	1608.75
Mo 202.032	0.5823	ppb	0.0576	9.9	8.0098
Na 330.237	489.866	ppb	29.2931	6.0	20.1957
Ni 231.604	2.0535	ppb	0.5813	28.3	3.4398
Pb 220.353	1.7699	ppb	1.1942	67.5	4.2054
Sb 206.834	-3.0779	ppb	0.7070	23.0	-0.0207
Se 196.026	3.4068	ppb	3.2168	94.4	2.9142
Sn 189.925	0.7829	ppb	0.1894	24.2	-1.1259
Sr 216.596	1.1165	ppb	0.2329	20.9	11.5307
Ti 334.941	9.5006	ppb	0.0859	0.9	887.350
Tl 190.794	0.4508	ppb	1.6513	366.3	-1.0319
V 292.401	4.9000	ppb	0.0275	0.6	100.005
Zn 206.200	12.3325	ppb	0.7604	6.2	10.9064

680-85935-b-1-aSD^5 (Samp) **12/23/2012, 2:43:43 AM** **Rack 3, Tube 10**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.0604u	0.0669	0.0194
Al 308.215	85.3392	87.3885	85.0737
As 188.980	2.6494	-0.7520u	1.1998
B 249.678	0.3294	0.9058	0.7704
Ba 389.178	0.6569	0.7679	0.6368
Be 313.042	0.0064	0.0048	0.0082
Ca 370.602	98.20	94.83	93.55
Cd 226.502	0.0737	0.1581	0.0338
Co 228.615	0.5877	0.1591	0.5022
Cr 267.716	0.0516	0.1311	0.0256
Cu 324.754	0.5306	0.7136	0.6212
Fe 271.441	94.0564	90.8911	89.4941
K 766.491	184.750	182.696	178.287
Mg 279.078	46.6007	44.2797	43.5060
Mn 257.610	5.4795	5.4767	5.2084
Mo 202.032	0.1517	-0.4462u	0.3370
Na 330.237	81.7692	72.6194	205.450
Ni 231.604	0.5112	0.3320	-0.3240u
Pb 220.353	0.4687	0.7397	0.3276
Sb 206.834	-2.9763u	-2.3854u	-0.0294u
Se 196.026	1.5468	-2.0982u	-0.3829u
Sn 189.925	-0.6745u	2.5243	0.1683
Sr 216.596	0.3132	0.1480	0.2543
Ti 334.941	1.8712	1.8410	1.9187
Tl 190.794	1.1552	0.5918	-2.4024u
V 292.401	1.0104	0.8301	0.7819
Zn 206.200	2.1144	0.6433	1.9240

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0086	ppb	0.0643	745.8	1.9430
Al 308.215	85.9338	ppb	1.2668	1.5	314.536
As 188.980	1.0324	ppb	1.7069	165.3	-0.4538
B 249.678	0.6685	ppb	0.3014	45.1	39.1276
Ba 389.178	0.6872	ppb	0.0706	10.3	2.3091
Be 313.042	0.0065	ppb	0.0017	25.9	-116.161
Ca 370.602	95.52	ppb	2.403	2.5	271.1
Cd 226.502	0.0885	ppb	0.0635	71.7	4.3935
Co 228.615	0.4163	ppb	0.2268	54.5	-3.6363
Cr 267.716	0.0694	ppb	0.0550	79.2	18.9077
Cu 324.754	0.6218	ppb	0.0915	14.7	222.034
Fe 271.441	91.4805	ppb	2.3376	2.6	94.4125
K 766.491	181.911	ppb	3.3020	1.8	6538.86
Mg 279.078	44.7955	ppb	1.6105	3.6	84.9729
Mn 257.610	5.3882	ppb	0.1557	2.9	341.988
Mo 202.032	0.0142	ppb	0.4093	2892.0	4.5050
Na 330.237	119.946	ppb	74.1895	61.9	5.2749
Ni 231.604	0.1731	ppb	0.4397	254.0	-0.9487
Pb 220.353	0.5120	ppb	0.2095	40.9	2.6488
Sb 206.834	-1.7970	ppb	1.5591	86.8	1.5489
Se 196.026	-0.3114	ppb	1.8236	585.6	1.4155
Sn 189.925	0.6727	ppb	1.6580	246.5	-1.1999
Sr 216.596	0.2385	ppb	0.0837	35.1	2.8034
Ti 334.941	1.8770	ppb	0.0392	2.1	155.295
Tl 190.794	-0.2185	ppb	1.9122	875.2	-1.3475
V 292.401	0.8741	ppb	0.1204	13.8	17.8720
Zn 206.200	1.5606	ppb	0.8001	51.3	1.7240

680-85935-b-1-aPDS (Samp) **12/23/2012, 2:50:10 AM** **Rack 3, Tube 11**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	50.3815	50.2833	50.5695
Al 308.215	2358.24	2360.53	2358.52
As 188.980	2047.16	2030.56	2056.73
B 249.678	997.551	994.998	998.873
Ba 389.178	2040.68	2025.08	2027.03
Be 313.042	51.2246	51.1401	51.2283
Ca 370.602	5213	5202	5200
Cd 226.502	50.3792	50.4012	50.4097
Co 228.615	508.070	507.666	507.508
Cr 267.716	203.777	203.410	203.682
Cu 324.754	253.115	252.077	255.415
Fe 271.441	1456.02	1446.52	1443.56
K 766.491	5818.00	5799.57	5814.45
Mg 279.078	5202.07	5183.88	5193.34
Mn 257.610	543.311	541.087	543.658
Mo 202.032	503.894	501.856	502.376
Na 330.237	5590.77	5674.36	5536.10
Ni 231.604	503.412	506.527	504.997
Pb 220.353	494.817	495.810	494.054
Sb 206.834	488.696	487.813	486.733
Se 196.026	1983.40	1977.92	1972.66
Sn 189.925	1005.77	997.778	998.994
Sr 216.596	503.252	504.123	504.266
Ti 334.941	1002.92	999.182	1003.01
Tl 190.794	2039.90	2071.93	2036.76
V 292.401	505.466	505.180	506.980
Zn 206.200	510.734	506.755	508.802

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	50.4114	ppb	0.1454	0.3	2289.89
Al 308.215	2359.10	ppb	1.2535	0.1	8168.34
As 188.980	2044.81	ppb	13.2416	0.6	1210.87
B 249.678	997.141	ppb	1.9697	0.2	10922.7
Ba 389.178	2030.93	ppb	8.4980	0.4	30691.4
Be 313.042	51.1977	ppb	0.0499	0.1	58153.7
Ca 370.602	5205	ppb	6.713	0.1	14287
Cd 226.502	50.3967	ppb	0.0158	0.0	1610.61
Co 228.615	507.748	ppb	0.2900	0.1	4814.77
Cr 267.716	203.623	ppb	0.1904	0.1	7427.25
Cu 324.754	253.536	ppb	1.7087	0.7	14923.5
Fe 271.441	1448.70	ppb	6.5118	0.4	1703.43
K 766.491	5810.67	ppb	9.7792	0.2	201834
Mg 279.078	5193.10	ppb	9.0964	0.2	9171.27
Mn 257.610	542.685	ppb	1.3952	0.3	31654.6
Mo 202.032	502.709	ppb	1.0586	0.2	3114.14
Na 330.237	5600.41	ppb	69.6298	1.2	221.882
Ni 231.604	504.979	ppb	1.5579	0.3	1174.18
Pb 220.353	494.894	ppb	0.8804	0.2	614.285
Sb 206.834	487.747	ppb	0.9834	0.2	601.055
Se 196.026	1977.99	ppb	5.3698	0.3	798.194
Sn 189.925	1000.85	ppb	4.3072	0.4	668.108
Sr 216.596	503.880	ppb	0.5486	0.1	4668.46
Ti 334.941	1001.70	ppb	2.1853	0.2	96160.8
Tl 190.794	2049.53	ppb	19.4602	0.9	989.822
V 292.401	505.875	ppb	0.9675	0.2	10264.3
Zn 206.200	508.764	ppb	1.9900	0.4	433.397

680-85935-b-1-b ms (Samp) **12/23/2012, 2:56:38 AM** **Rack 3, Tube 12**

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

Label	Replicates Concentration		
Ag 328.068	49.2775	49.4774	49.3303
Al 308.215	5442.44	5452.46	5487.21
As 188.980	97.9460	102.982	101.595
B 249.678	209.125	207.746	207.149
Ba 389.178	105.141	103.517	103.781
Be 313.042	51.8960	51.7269	51.6660
Ca 370.602	5352	5346	5355
Cd 226.502	50.3710	50.4749	50.2842
Co 228.615	49.7632	50.7297	51.2063
Cr 267.716	102.784	102.571	102.245
Cu 324.754	104.494	104.259	104.313
Fe 271.441	5427.82	5424.57	5425.54
K 766.491	5737.35	5728.60	5736.88
Mg 279.078	5220.24	5199.81	5181.87
Mn 257.610	550.529	545.776	541.563
Mo 202.032	101.159	102.003	101.736
Na 330.237	4916.01	5008.33	5019.83
Ni 231.604	101.925	103.220	100.269
Pb 220.353	50.4041	49.5906	49.2779
Sb 206.834	48.5927	47.2405	49.0033
Se 196.026	91.7672	95.7052	102.985
Sn 189.925	99.2391	100.110	101.374
Sr 216.596	101.333	101.104	101.209
Ti 334.941	113.702	112.448	111.672
Tl 190.794	40.1135	38.7914	36.4733
V 292.401	106.490	106.355	105.806
Zn 206.200	123.677	123.002	121.495

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	49.3617	ppb	0.1036	0.2	2243.81
Al 308.215	5460.70	ppb	23.4943	0.4	18819.6
As 188.980	100.841	ppb	2.6014	2.6	58.6828
B 249.678	208.007	ppb	1.0132	0.5	2301.04
Ba 389.178	104.147	ppb	0.8715	0.8	1571.53
Be 313.042	51.7630	ppb	0.1191	0.2	58772.4
Ca 370.602	5351	ppb	4.731	0.1	13458
Cd 226.502	50.3767	ppb	0.0955	0.2	1623.25
Co 228.615	50.5664	ppb	0.7353	1.5	471.836
Cr 267.716	102.533	ppb	0.2718	0.3	3749.99
Cu 324.754	104.355	ppb	0.1231	0.1	6246.65
Fe 271.441	5425.98	ppb	1.6701	0.0	6251.68
K 766.491	5734.28	ppb	4.9174	0.1	199183
Mg 279.078	5200.64	ppb	19.2010	0.4	9184.35
Mn 257.610	545.956	ppb	4.4856	0.8	31847.1
Mo 202.032	101.633	ppb	0.4316	0.4	633.012
Na 330.237	4981.39	ppb	56.9127	1.1	201.194
Ni 231.604	101.805	ppb	1.4791	1.5	235.704
Pb 220.353	49.7575	ppb	0.5814	1.2	63.5283
Sb 206.834	48.2788	ppb	0.9224	1.9	62.9090
Se 196.026	96.8192	ppb	5.6913	5.9	40.5524
Sn 189.925	100.241	ppb	1.0736	1.1	65.4331
Sr 216.596	101.215	ppb	0.1147	0.1	947.016
Ti 334.941	112.607	ppb	1.0242	0.9	10789.2
Tl 190.794	38.4594	ppb	1.8427	4.8	17.3720
V 292.401	106.217	ppb	0.3621	0.3	2153.77
Zn 206.200	122.724	ppb	1.1172	0.9	104.733

680-85935-b-1-c msd (Samp) **12/23/2012, 3:16:02 AM** **Rack 3, Tube 15**

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

Label	Replicates Concentration		
Ag 328.068	49.4269	48.6379	49.1616
Al 308.215	5458.05	5465.78	5385.83
As 188.980	107.192	103.917	103.606
B 249.678	204.269	205.004	205.216
Ba 389.178	102.957	103.787	102.777
Be 313.042	51.2425	51.3416	51.3370
Ca 370.602	5340	5348	5322
Cd 226.502	49.9048	49.8053	49.9609
Co 228.615	49.5273	50.1299	50.0235
Cr 267.716	101.281	101.410	101.940
Cu 324.754	103.337	102.641	102.174
Fe 271.441	5382.62	5381.93	5377.44
K 766.491	5720.07	5747.42	5712.19
Mg 279.078	5145.61	5169.06	5168.15
Mn 257.610	542.190	544.277	550.458
Mo 202.032	99.7362	99.5332	99.6020
Na 330.237	5042.29	4932.68	5091.73
Ni 231.604	101.532	100.482	101.568
Pb 220.353	50.7352	49.5239	51.1915
Sb 206.834	47.3030	44.9220	47.1353
Se 196.026	96.2264	94.1889	98.1596
Sn 189.925	99.5379	97.2873	101.020
Sr 216.596	99.9173	100.018	100.097
Ti 334.941	110.684	111.000	112.288
Tl 190.794	38.7484	34.6354	38.8944
V 292.401	105.532	105.666	105.668
Zn 206.200	210.858	210.789	211.215

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	49.0755	ppb	0.4015	0.8	2230.82
Al 308.215	5436.55	ppb	44.0972	0.8	18736.4
As 188.980	104.905	ppb	1.9868	1.9	61.0921
B 249.678	204.830	ppb	0.4972	0.2	2266.36
Ba 389.178	103.174	ppb	0.5391	0.5	1556.78
Be 313.042	51.3070	ppb	0.0559	0.1	58253.7
Ca 370.602	5337	ppb	13.30	0.2	13428
Cd 226.502	49.8904	ppb	0.0788	0.2	1607.65
Co 228.615	49.8936	ppb	0.3216	0.6	465.472
Cr 267.716	101.543	ppb	0.3493	0.3	3713.94
Cu 324.754	102.717	ppb	0.5850	0.6	6151.50
Fe 271.441	5380.66	ppb	2.8163	0.1	6199.35
K 766.491	5726.56	ppb	18.4876	0.3	198915
Mg 279.078	5160.94	ppb	13.2810	0.3	9114.30
Mn 257.610	545.642	ppb	4.2995	0.8	31828.8
Mo 202.032	99.6238	ppb	0.1032	0.1	620.584
Na 330.237	5022.23	ppb	81.4040	1.6	202.441
Ni 231.604	101.194	ppb	0.6166	0.6	234.282
Pb 220.353	50.4835	ppb	0.8618	1.7	64.4304
Sb 206.834	46.4534	ppb	1.3289	2.9	60.6702
Se 196.026	96.1916	ppb	1.9856	2.1	40.2996
Sn 189.925	99.2818	ppb	1.8796	1.9	64.7911
Sr 216.596	100.010	ppb	0.0899	0.1	935.783
Ti 334.941	111.324	ppb	0.8497	0.8	10666.0
Tl 190.794	37.4261	ppb	2.4179	6.5	16.8721
V 292.401	105.622	ppb	0.0776	0.1	2141.83
Zn 206.200	210.954	ppb	0.2287	0.1	179.935

680-85935-b-2-a (Samp) **12/23/2012, 3:22:29 AM** **Rack 3, Tube 16**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	0.1048	-0.0047u	-0.0150u
Al 308.215	2192.07	2200.74	2204.21
As 188.980	0.2902	3.8940	1.8314
B 249.678	7.8897	8.4559	7.8012
Ba 389.178	5.9410	6.1453	6.0224
Be 313.042	0.0460	0.0441	0.0377
Ca 370.602	937.9	939.0	940.7
Cd 226.502	0.2689	-0.0195	0.0280
Co 228.615	0.8208	0.4861	1.0210
Cr 267.716	2.1522	2.3455	2.0517
Cu 324.754	1.9860	2.0385	1.7845
Fe 271.441	1813.45	1820.62	1819.60
K 766.491	1812.14	1813.10	1808.83
Mg 279.078	300.406	299.372	294.629
Mn 257.610	67.7927	67.2960	66.6921
Mo 202.032	0.4904	0.9257	0.4278
Na 330.237	456.678	473.230	455.062
Ni 231.604	0.8041	0.7691	0.7218
Pb 220.353	4.8816	6.3455	4.5552
Sb 206.834	-1.7180u	-2.6384u	-2.6548u
Se 196.026	1.0842	-1.7829u	1.9545
Sn 189.925	-1.4747u	0.9141	0.4256
Sr 216.596	3.6210	4.0538	4.0195
Ti 334.941	37.9092	36.5839	36.7353
Tl 190.794	1.4073	-2.9343u	-0.3123u
V 292.401	5.2442	5.4565	5.1781
Zn 206.200	32.5128	32.1536	31.5715

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0284	ppb	0.0664	234.0	2.5097
Al 308.215	2199.01	ppb	6.2539	0.3	7587.51
As 188.980	2.0052	ppb	1.8082	90.2	0.1227
B 249.678	8.0489	ppb	0.3552	4.4	118.833
Ba 389.178	6.0362	ppb	0.1029	1.7	83.5861
Be 313.042	0.0426	ppb	0.0044	10.2	-73.9914
Ca 370.602	939.2	ppb	1.407	0.1	2127
Cd 226.502	0.0924	ppb	0.1546	167.3	10.4680
Co 228.615	0.7760	ppb	0.2703	34.8	0.4705
Cr 267.716	2.1831	ppb	0.1493	6.8	96.2907
Cu 324.754	1.9363	ppb	0.1341	6.9	298.768
Fe 271.441	1817.89	ppb	3.8805	0.2	2085.49
K 766.491	1811.36	ppb	2.2444	0.1	63073.9
Mg 279.078	298.136	ppb	3.0809	1.0	531.669
Mn 257.610	67.2602	ppb	0.5512	0.8	3948.19
Mo 202.032	0.6146	ppb	0.2712	44.1	8.1939
Na 330.237	461.657	ppb	10.0550	2.2	18.5712
Ni 231.604	0.7650	ppb	0.0413	5.4	0.4875
Pb 220.353	5.2608	ppb	0.9534	18.1	8.5045
Sb 206.834	-2.3371	ppb	0.5362	22.9	0.9462
Se 196.026	0.4186	ppb	1.9556	467.2	1.7150
Sn 189.925	-0.0450	ppb	1.2620	2804.2	-1.6798
Sr 216.596	3.8981	ppb	0.2406	6.2	39.8174
Ti 334.941	37.0761	ppb	0.7254	2.0	3535.29
Tl 190.794	-0.6131	ppb	2.1864	356.6	-1.6054
V 292.401	5.2929	ppb	0.1454	2.7	108.573
Zn 206.200	32.0793	ppb	0.4750	1.5	37.7366

680-85935-b-3-a (Samp) **12/23/2012, 3:28:57 AM** **Rack 3, Tube 17**

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

Label	Replicates Concentration		
Ag 328.068	0.0675	0.0768	0.0812
Al 308.215	319.406	312.587	313.659
As 188.980	0.5345	1.8259	3.7507
B 249.678	5.9424	6.3145	6.7674
Ba 389.178	8.9581	9.3674	9.0068
Be 313.042	0.0139	0.0170	0.0194
Ca 370.602	916.0	907.6	911.4
Cd 226.502	0.0083	0.0640	0.1084
Co 228.615	1.0463	0.5867	0.6372
Cr 267.716	2.9405	2.9896	3.0337
Cu 324.754	2.8079	2.9657	3.1027
Fe 271.441	439.236	436.732	433.819
K 766.491	732.129	725.416	725.947
Mg 279.078	189.695	187.076	189.180
Mn 257.610	14.5393	14.5678	14.6041
Mo 202.032	0.0438	0.5222	0.3621
Na 330.237	869.017	896.176	836.642
Ni 231.604	3.1131	3.0841	3.1131
Pb 220.353	2.9314	-0.3371u	1.5770
Sb 206.834	-1.5731u	-0.6794u	-2.3783u
Se 196.026	0.8433	3.6470	-2.3813u
Sn 189.925	3.4095	-0.3653u	-0.0088u
Sr 216.596	3.9039	3.2482	3.8609
Ti 334.941	6.7367	6.7512	6.7303
Tl 190.794	-1.9556u	-3.3578u	-4.5386u
V 292.401	1.5576	1.2377	1.2654
Zn 206.200	39.1951	38.9958	38.1964

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	0.0752	ppb	0.0070	9.3	4.8789
Al 308.215	315.217	ppb	3.6670	1.2	1103.71
As 188.980	2.0370	ppb	1.6185	79.5	0.1416
B 249.678	6.3414	ppb	0.4132	6.5	100.910
Ba 389.178	9.1108	ppb	0.2236	2.5	129.704
Be 313.042	0.0168	ppb	0.0027	16.4	-104.247
Ca 370.602	911.6	ppb	4.165	0.5	2461
Cd 226.502	0.0602	ppb	0.0502	83.3	4.7059
Co 228.615	0.7567	ppb	0.2521	33.3	-0.3135
Cr 267.716	2.9879	ppb	0.0466	1.6	125.258
Cu 324.754	2.9588	ppb	0.1475	5.0	357.760
Fe 271.441	436.595	ppb	2.7111	0.6	492.441
K 766.491	727.831	ppb	3.7320	0.5	25480.0
Mg 279.078	188.650	ppb	1.3872	0.7	338.922
Mn 257.610	14.5704	ppb	0.0325	0.2	877.335
Mo 202.032	0.3094	ppb	0.2435	78.7	6.3219
Na 330.237	867.278	ppb	29.8046	3.4	35.4687
Ni 231.604	3.1034	ppb	0.0167	0.5	5.8793
Pb 220.353	1.3904	ppb	1.6422	118.1	3.7375
Sb 206.834	-1.5436	ppb	0.8498	55.1	1.8819
Se 196.026	0.7030	ppb	3.0166	429.1	1.8251
Sn 189.925	1.0118	ppb	2.0841	206.0	-0.9725
Sr 216.596	3.6710	ppb	0.3668	10.0	35.2707
Ti 334.941	6.7394	ppb	0.0107	0.2	622.241
Tl 190.794	-3.2840	ppb	1.2931	39.4	-2.8442
V 292.401	1.3535	ppb	0.1772	13.1	27.6015
Zn 206.200	38.7958	ppb	0.5285	1.4	33.4531

680-85951-b-2-a (Samp) **12/23/2012, 3:35:25 AM** **Rack 3, Tube 18**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.5055u	-0.7106u	-0.1660u
Al 308.215	1124.39	1124.51	1130.18
As 188.980	-1.7231u	0.9806	-3.7391u
B 249.678	19.8782	19.3274	19.4819
Ba 389.178	2.5933	2.7063	3.2676
Be 313.042	0.1853	0.1927	0.1823
Ca 370.602	21406	21396	21423
Cd 226.502	0.2520u	0.3448	0.2743u
Co 228.615	0.6788	-0.4076u	0.2990
Cr 267.716	-0.4381	-0.4522	-0.4097
Cu 324.754	5.8778	5.5002	5.5724
Fe 271.441	5.6847	5.0474	6.1707
K 766.491	43163.1x	43265.7x	43357.8x
Mg 279.078	6487.99	6487.36	6456.52
Mn 257.610	24.6150	24.6826	24.3730
Mo 202.032	44.7125	44.7720	44.8282
Na 330.237	2650825x	2609753x	2653319x
Ni 231.604	35.8665	35.1392	36.9186
Pb 220.353	-3.3455u	2.8408	0.2041
Sb 206.834	1.5617	0.8604	-0.5153u
Se 196.026	8.2589	9.5928	10.3153
Sn 189.925	13.2500	9.6896	9.7725
Sr 216.596	52.7522	52.5311	53.2973
Ti 334.941	0.4985u	0.4940u	0.5185u
Tl 190.794	-2.7435u	3.2567	-1.8659u
V 292.401	1.3529	1.1420	1.1578
Zn 206.200	2.8550	4.1263	0.3461

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.4607b	ppb	0.2750	59.7	-19.8339
Al 308.215	1126.36b	ppb	3.3112	0.3	3896.12
As 188.980	-1.4938b	ppb	2.3682	158.5	-1.9622
B 249.678	19.5625b	ppb	0.2841	1.5	245.629
Ba 389.178	2.8557b	ppb	0.3612	12.6	38.6607
Be 313.042	0.1868b	ppb	0.0054	2.9	-84.7198
Ca 370.602	21409b	ppb	13.62	0.1	60185
Cd 226.502	0.2904b	ppb	0.0484	16.7	0.3136
Co 228.615	0.1900b	ppb	0.5513	290.1	-6.8465
Cr 267.716	-0.4334b	ppb	0.0217	5.0	34.4913
Cu 324.754	5.6501b	ppb	0.2005	3.5	514.842
Fe 271.441	5.6343b	ppb	0.5633	10.0	-4.1500
K 766.491	43262.2xb	ppb	97.3718	0.2	1501245
Mg 279.078	6477.29b	ppb	17.9891	0.3	11443.7
Mn 257.610	24.5569b	ppb	0.1628	0.7	1462.59
Mo 202.032	44.7709b	ppb	0.0578	0.1	281.428
Na 330.237	2637965xb	ppb	24464.6	0.9	107543
Ni 231.604	35.9748b	ppb	0.8946	2.5	82.4800
Pb 220.353	-0.1002b	ppb	3.1043	3098.4	1.8042
Sb 206.834	0.6356b	ppb	1.0566	166.2	4.1039
Se 196.026	9.3890b	ppb	1.0433	11.1	5.3221
Sn 189.925	10.9040b	ppb	2.0321	18.6	6.3723
Sr 216.596	52.8602b	ppb	0.3944	0.7	491.995
Ti 334.941	0.5036b	ppb	0.0130	2.6	-43.7376
Tl 190.794	-0.4509b	ppb	3.2407	718.7	-1.4766
V 292.401	1.2176b	ppb	0.1174	9.6	2.8110
Zn 206.200	2.4424b	ppb	1.9225	78.8	2.5784

680-85924-c-6-a (Samp) **12/23/2012, 3:41:52 AM** **Rack 3, Tube 19**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	0.2864	-0.2361u	-0.1865u
Al 308.215	33.8753	34.2273	35.9452
As 188.980	2.3818	2.7000	-1.0186u
B 249.678	88.7067	88.7670	89.4046
Ba 389.178	87.0878	87.4885	87.6138
Be 313.042	0.0020	-0.0082	-0.0133u
Ca 370.602	58608	58537	58649
Cd 226.502	0.0874	0.2886	0.2583
Co 228.615	2.3141	2.7455	2.5150
Cr 267.716	0.2785	0.3357	0.2684
Cu 324.754	3.0378	2.9444	2.9477
Fe 271.441	2138.91	2142.73	2135.47
K 766.491	3635.43	3613.87	3615.52
Mg 279.078	7645.67	7673.54	7649.67
Mn 257.610	1546.45	1560.76	1548.54
Mo 202.032	0.1746	0.1886	-0.2247u
Na 330.237	7616.86	7462.20	7356.61
Ni 231.604	0.3679	-0.3777u	1.7835
Pb 220.353	2.2299	-0.4228u	-1.3570u
Sb 206.834	1.1994	-2.9180u	-2.1126u
Se 196.026	2.8015	0.4172	4.9089
Sn 189.925	-0.5901u	-0.1807u	-0.9191u
Sr 216.596	204.450	206.261	204.558
Ti 334.941	0.8630	0.8903	0.9255
Tl 190.794	1.9529	0.8447	0.8103
V 292.401	0.0246u	0.2263u	0.3471u
Zn 206.200	31.1266	30.7344	31.3002

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0454	ppb	0.2884	634.8	-2.5066
Al 308.215	34.6826	ppb	1.1075	3.2	138.095
As 188.980	1.3544	ppb	2.0612	152.2	-0.2630
B 249.678	88.9594	ppb	0.3867	0.4	1002.44
Ba 389.178	87.3967	ppb	0.2748	0.3	1313.10
Be 313.042	-0.0065	ppb	0.0078	119.8	-118.631
Ca 370.602	58598	ppb	56.71	0.1	164091
Cd 226.502	0.2114	ppb	0.1084	51.3	19.2821
Co 228.615	2.5248	ppb	0.2159	8.6	16.4192
Cr 267.716	0.2942	ppb	0.0363	12.3	27.7052
Cu 324.754	2.9766	ppb	0.0530	1.8	358.734
Fe 271.441	2139.04	ppb	3.6287	0.2	2456.99
K 766.491	3621.61	ppb	12.0034	0.3	125882
Mg 279.078	7656.29	ppb	15.0720	0.2	13511.6
Mn 257.610	1551.92	ppb	7.7303	0.5	90461.7
Mo 202.032	0.0462	ppb	0.2347	508.4	4.6147
Na 330.237	7478.56	ppb	130.895	1.8	304.423
Ni 231.604	0.5912	ppb	1.0978	185.7	0.2978
Pb 220.353	0.1500	ppb	1.8608	1240.2	2.4705
Sb 206.834	-1.2771	ppb	2.1822	170.9	2.2209
Se 196.026	2.7092	ppb	2.2473	82.9	2.6386
Sn 189.925	-0.5633	ppb	0.3699	65.7	-2.0037
Sr 216.596	205.090	ppb	1.0156	0.5	1917.06
Ti 334.941	0.8930	ppb	0.0314	3.5	60.8254
Tl 190.794	1.2026	ppb	0.6500	54.0	0.0010
V 292.401	0.1993	ppb	0.1629	81.7	-4.2386
Zn 206.200	31.0537	ppb	0.2899	0.9	26.9890

680-85924-c-7-a (Samp) **12/23/2012, 3:48:20 AM** **Rack 3, Tube 20**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	0.0695u	0.1954	-0.3448u
Al 308.215	1992.60	1988.83	1977.76
As 188.980	4.9269	7.1394	1.9916
B 249.678	154.600	155.908	156.905
Ba 389.178	131.614	129.315	129.686
Be 313.042	0.0801	0.0792	0.0696
Ca 370.602	54453	54471	54351
Cd 226.502	-0.2659	-0.3111	-0.3867
Co 228.615	8.9325	9.0580	8.9846
Cr 267.716	2.2191	2.0673	1.9889
Cu 324.754	3.2607	3.0119	2.9339
Fe 271.441	26212.3	26197.1	26141.5
K 766.491	2299.68	2294.34	2303.47
Mg 279.078	28956.6	28904.7	28919.3
Mn 257.610	15722.3	15629.9	15763.5
Mo 202.032	0.3149	-0.0696u	0.5387
Na 330.237	99207.1x	98555.9x	99165.8x
Ni 231.604	8.1091	8.6096	8.6743
Pb 220.353	3.0676	2.2120	0.6380
Sb 206.834	1.9272	-3.5941u	-2.6466u
Se 196.026	9.9191	6.0572	8.7874
Sn 189.925	4.7716	1.8874	-2.5956u
Sr 216.596	118.378	118.287	118.103
Ti 334.941	48.9499	48.6605	48.7964
Tl 190.794	1.0186	4.4532	4.1257
V 292.401	4.8977	4.8429	4.8948
Zn 206.200	125.466	123.591	126.523

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0266b	ppb	0.2826	1061.0	-5.5603
Al 308.215	1986.40b	ppb	7.7116	0.4	6855.67
As 188.980	4.6860b	ppb	2.5824	55.1	1.7118
B 249.678	155.804b	ppb	1.1560	0.7	1719.89
Ba 389.178	130.205b	ppb	1.2344	0.9	1984.50
Be 313.042	0.0763b	ppb	0.0058	7.6	-33.7434
Ca 370.602	54425b	ppb	64.87	0.1	145564
Cd 226.502	-0.3212b	ppb	0.0610	19.0	80.2673
Co 228.615	8.9917b	ppb	0.0631	0.7	79.5356
Cr 267.716	2.0918b	ppb	0.1170	5.6	100.350
Cu 324.754	3.0688b	ppb	0.1707	5.6	364.668
Fe 271.441	26183.6b	ppb	37.2566	0.1	30187.2
K 766.491	2299.16b	ppb	4.5867	0.2	79998.7
Mg 279.078	28926.9b	ppb	26.7858	0.1	50941.7
Mn 257.610	15705.2b	ppb	68.4014	0.4	915152
Mo 202.032	0.2613b	ppb	0.3076	117.7	4.9636
Na 330.237	98976.3xb	ppb	364.662	0.4	4028.32
Ni 231.604	8.4643b	ppb	0.3094	3.7	19.9190
Pb 220.353	1.9725b	ppb	1.2324	62.5	7.2215
Sb 206.834	-1.4378b	ppb	2.9525	205.3	2.4420
Se 196.026	8.2546b	ppb	1.9853	24.1	4.9484
Sn 189.925	1.3545b	ppb	3.7124	274.1	-0.6983
Sr 216.596	118.256b	ppb	0.1402	0.1	1148.66
Ti 334.941	48.8023b	ppb	0.1448	0.3	4660.15
Tl 190.794	3.1992b	ppb	1.8956	59.3	6.6757
V 292.401	4.8784b	ppb	0.0308	0.6	79.3496
Zn 206.200	125.194b	ppb	1.4846	1.2	107.623

680-85971-a-1-a (Samp) **12/23/2012, 3:54:48 AM** **Rack 3, Tube 21**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	1.2558	1.2687	1.3696
Al 308.215	437.648	439.360	441.810
As 188.980	5.2945	11.8242	6.5584
B 249.678	284.345	285.451	284.666
Ba 389.178	61.8802	61.8752	61.2799
Be 313.042	-0.0225	-0.0176	-0.0189
Ca 370.602	40651	40731	40726
Cd 226.502	8.2357	8.0388	7.9903
Co 228.615	-0.5938u	-0.6763u	-0.2432u
Cr 267.716	3.4218	3.5517	3.2688
Cu 324.754	46.9540	46.9843	46.9825
Fe 271.441	1022.08	1011.86	1013.48
K 766.491	3918.91	3920.61	3914.22
Mg 279.078	2726.71	2712.40	2712.42
Mn 257.610	98.8064	98.2768	97.7911
Mo 202.032	255.168	254.951	255.256
Na 330.237	-811089u	-826513u	-835459u
Ni 231.604	6.4844	6.6587	7.3657
Pb 220.353	110.478	114.084	112.507
Sb 206.834	151.124	155.975	160.786
Se 196.026	19.7655	22.3075	22.2578
Sn 189.925	12.7391	18.2342	14.8904
Sr 216.596	202.757	202.105	202.470
Ti 334.941	1.2060	1.0391	1.1340
Tl 190.794	-62.9225u	-66.0371u	-64.7674u
V 292.401	0.6132u	0.9785u	0.9675u
Zn 206.200	679929x	680802x	681182x

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	1.2980b	ppb	0.0623	4.8	58.8500
Al 308.215	439.606b	ppb	2.0919	0.5	1535.69
As 188.980	7.8924b	ppb	3.4632	43.9	3.5492
B 249.678	284.821b	ppb	0.5687	0.2	3142.40
Ba 389.178	61.6784b	ppb	0.3451	0.6	922.375
Be 313.042	-0.0196b	ppb	0.0025	12.9	-65.6165
Ca 370.602	40703b	ppb	44.43	0.1	114102
Cd 226.502	8.0882b	ppb	0.1300	1.6	268.648
Co 228.615	-0.5044b	ppb	0.2300	45.6	-18.3822
Cr 267.716	3.4141b	ppb	0.1416	4.1	121.617
Cu 324.754	46.9736b	ppb	0.0170	0.0	2918.17
Fe 271.441	1015.81b	ppb	5.4932	0.5	1161.56
K 766.491	3917.91b	ppb	3.3111	0.1	136163
Mg 279.078	2717.17b	ppb	8.2551	0.3	4803.25
Mn 257.610	98.2915b	ppb	0.5078	0.5	5759.73
Mo 202.032	255.125b	ppb	0.1572	0.1	1582.76
Na 330.237	-824354b	ppb	12327.4	1.5	-36934.2
Ni 231.604	6.8363b	ppb	0.4667	6.8	15.1969
Pb 220.353	112.356b	ppb	1.8077	1.6	140.981
Sb 206.834	155.962b	ppb	4.8311	3.1	193.414
Se 196.026	21.4436b	ppb	1.4535	6.8	10.1804
Sn 189.925	15.2879b	ppb	2.7690	18.1	8.3773
Sr 216.596	202.444b	ppb	0.3267	0.2	1886.67
Ti 334.941	1.1264b	ppb	0.0837	7.4	102.435
Tl 190.794	-64.5757b	ppb	1.5661	2.4	-32.6252
V 292.401	0.8531b	ppb	0.2078	24.4	-10.3998
Zn 206.200	680638xb	ppb	642.560	0.1	580116

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680-85977-e-1-a (Samp) **12/23/2012, 4:01:16 AM** **Rack 3, Tube 22**

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

Label	Replicates Concentration		
Ag 328.068	-0.0519u	0.0075	-0.1942u
Al 308.215	248.468	252.210	245.495
As 188.980	-1.2368u	2.5878	2.1785
B 249.678	10.1261	9.4321	9.2118
Ba 389.178	9.9802	10.4723	9.8720
Be 313.042	0.0605	0.0578	0.0523
Ca 370.602	2585	2576	2557
Cd 226.502	1.5710	1.5660	1.5573
Co 228.615	0.6285	0.5658	0.8396
Cr 267.716	0.6329	0.7266	0.6482
Cu 324.754	132.105	131.079	130.580
Fe 271.441	243.246	236.221	236.378
K 766.491	8456.02	8453.62	8393.71
Mg 279.078	623.334	622.622	622.382
Mn 257.610	17.0367	16.9222	17.0881
Mo 202.032	0.4966	0.2976	0.2630
Na 330.237	1398.60	1308.93	1287.12
Ni 231.604	54.4182	54.0027	54.7726
Pb 220.353	9.2080	8.4215	7.2504
Sb 206.834	0.1929	-2.3430u	0.8911
Se 196.026	-6.4082u	1.4230	3.2819
Sn 189.925	0.7518	1.4444	1.9122
Sr 216.596	9.2937	8.9796	8.8623
Ti 334.941	4.7911	4.7507	4.7264
Tl 190.794	-1.1477u	-2.0113u	-1.5814u
V 292.401	0.6579	0.9721	0.7386
Zn 206.200	203.922	199.869	195.639

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.0795	ppb	0.1037	130.3	-2.1618
Al 308.215	248.724	ppb	3.3646	1.4	874.828
As 188.980	1.1765	ppb	2.0999	178.5	-0.3685
B 249.678	9.5900	ppb	0.4771	5.0	136.512
Ba 389.178	10.1082	ppb	0.3200	3.2	144.950
Be 313.042	0.0569	ppb	0.0042	7.4	-58.5583
Ca 370.602	2572	ppb	14.39	0.6	7187
Cd 226.502	1.5648	ppb	0.0069	0.4	52.0585
Co 228.615	0.6780	ppb	0.1434	21.2	-1.1004
Cr 267.716	0.6692	ppb	0.0503	7.5	40.7890
Cu 324.754	131.255	ppb	0.7776	0.6	7805.56
Fe 271.441	238.615	ppb	4.0114	1.7	264.149
K 766.491	8434.45	ppb	35.3020	0.4	292868
Mg 279.078	622.780	ppb	0.4952	0.1	1105.51
Mn 257.610	17.0156	ppb	0.0849	0.5	1020.19
Mo 202.032	0.3524	ppb	0.1261	35.8	6.5954
Na 330.237	1331.55	ppb	59.0819	4.4	53.6385
Ni 231.604	54.3978	ppb	0.3853	0.7	125.165
Pb 220.353	8.2933	ppb	0.9851	11.9	12.2924
Sb 206.834	-0.4196	ppb	1.7019	405.5	3.2514
Se 196.026	-0.5678	ppb	5.1427	905.7	1.3127
Sn 189.925	1.3695	ppb	0.5838	42.6	-0.7324
Sr 216.596	9.0452	ppb	0.2231	2.5	82.8805
Ti 334.941	4.7561	ppb	0.0327	0.7	431.747
Tl 190.794	-1.5802	ppb	0.4318	27.3	-2.0082
V 292.401	0.7896	ppb	0.1632	20.7	15.8702
Zn 206.200	199.810	ppb	4.1419	2.1	170.702

680-85986-a-1-a (Samp) **12/23/2012, 4:07:43 AM** **Rack 3, Tube 23**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	-0.1969u	-0.0820u	-0.2085u
Al 308.215	41.3580	41.1145	43.0059
As 188.980	-0.3708u	3.5718	1.5821
B 249.678	11.8080	11.4345	11.2740
Ba 389.178	32.9373	33.0419	33.3386
Be 313.042	0.0076	0.0083	0.0084
Ca 370.602	12878	12945	12925
Cd 226.502	0.2467	0.3342	0.2677
Co 228.615	1.7320	1.4880	0.9177
Cr 267.716	1.2823	1.3135	1.3425
Cu 324.754	25.8883	26.0341	25.6143
Fe 271.441	588.941	586.576	587.836
K 766.491	10275.7	10296.7	10299.0
Mg 279.078	4610.67	4610.77	4605.98
Mn 257.610	43.4662	42.9742	42.9788
Mo 202.032	0.5635	0.4246	0.5958
Na 330.237	17007.3	16867.1	16818.2
Ni 231.604	6.5450	5.7298	6.4532
Pb 220.353	0.4038	3.3491	0.2155
Sb 206.834	-2.1736u	-4.5625u	-1.5357u
Se 196.026	-3.8138u	-0.7027u	-2.0062u
Sn 189.925	-0.5659u	0.7560	0.4502
Sr 216.596	175.392	174.060	174.033
Ti 334.941	0.9833	0.9243	1.0187
Tl 190.794	-1.1539u	-2.1496u	-0.9756u
V 292.401	0.4774	0.4748	0.4661
Zn 206.200	447.515	446.689	444.855

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.1625	ppb	0.0699	43.0	-7.2364
Al 308.215	41.8261	ppb	1.0289	2.5	162.713
As 188.980	1.5944	ppb	1.9713	123.6	-0.1208
B 249.678	11.5055	ppb	0.2740	2.4	157.255
Ba 389.178	33.1059	ppb	0.2082	0.6	495.050
Be 313.042	0.0081	ppb	0.0005	6.0	-112.977
Ca 370.602	12916	ppb	34.26	0.3	36149
Cd 226.502	0.2829	ppb	0.0456	16.1	13.0930
Co 228.615	1.3792	ppb	0.4179	30.3	5.4940
Cr 267.716	1.3128	ppb	0.0301	2.3	64.5093
Cu 324.754	25.8456	ppb	0.2131	0.8	1686.32
Fe 271.441	587.784	ppb	1.1836	0.2	667.078
K 766.491	10290.5	ppb	12.8172	0.1	357264
Mg 279.078	4609.14	ppb	2.7369	0.1	8144.77
Mn 257.610	43.1397	ppb	0.2827	0.7	2546.95
Mo 202.032	0.5280	ppb	0.0910	17.2	7.6619
Na 330.237	16897.5	ppb	98.1723	0.6	686.807
Ni 231.604	6.2427	ppb	0.4465	7.2	13.3072
Pb 220.353	1.3228	ppb	1.7574	132.9	3.6712
Sb 206.834	-2.7573	ppb	1.5956	57.9	0.3736
Se 196.026	-2.1742	ppb	1.5624	71.9	0.6668
Sn 189.925	0.2134	ppb	0.6920	324.3	-1.4980
Sr 216.596	174.495	ppb	0.7774	0.4	1626.45
Ti 334.941	0.9754	ppb	0.0477	4.9	68.4142
Tl 190.794	-1.4263	ppb	0.6326	44.4	-1.9442
V 292.401	0.4728	ppb	0.0059	1.2	8.1675
Zn 206.200	446.353	ppb	1.3615	0.3	380.897

680-85986-a-1-b ms (Samp) **12/23/2012, 4:14:11 AM** **Rack 3, Tube 24**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	48.9459	49.6662	49.5811
Al 308.215	4937.55	4893.49	4888.82
As 188.980	106.716	105.622	104.689
B 249.678	207.644	209.496	209.443
Ba 389.178	131.597	132.296	131.025
Be 313.042	51.6164	51.6238	51.7012
Ca 370.602	17792	17759	17781
Cd 226.502	49.6000	49.6088	49.9674
Co 228.615	51.3407	50.7732	50.9039
Cr 267.716	102.601	102.617	102.836
Cu 324.754	130.576	129.691	129.351
Fe 271.441	5646.58	5608.73	5641.47
K 766.491	15339.5	15290.2	15325.2
Mg 279.078	9558.55	9570.88	9585.88
Mn 257.610	557.777	562.801	565.254
Mo 202.032	98.8718	99.7650	99.1052
Na 330.237	21492.4	21565.5	21636.6
Ni 231.604	104.282	105.733	104.427
Pb 220.353	51.3168	50.3036	50.6990
Sb 206.834	48.0046	45.8099	45.2950
Se 196.026	90.9658	99.5815	100.969
Sn 189.925	94.5552	96.4356	98.1935
Sr 216.596	273.033	272.210	274.141
Ti 334.941	102.107	103.018	103.584
Tl 190.794	33.2319	37.7859	37.9488
V 292.401	101.185	101.023	101.240
Zn 206.200	548.461	548.817	553.187

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	49.3977	ppb	0.3936	0.8	2244.10
Al 308.215	4906.62	ppb	26.8882	0.5	16912.3
As 188.980	105.676	ppb	1.0148	1.0	61.5490
B 249.678	208.861	ppb	1.0539	0.5	2310.28
Ba 389.178	131.639	ppb	0.6364	0.5	1989.63
Be 313.042	51.6471	ppb	0.0469	0.1	58641.5
Ca 370.602	17777	ppb	17.06	0.1	48311
Cd 226.502	49.7254	ppb	0.2097	0.4	1604.04
Co 228.615	51.0059	ppb	0.2972	0.6	475.889
Cr 267.716	102.685	ppb	0.1314	0.1	3755.79
Cu 324.754	129.873	ppb	0.6323	0.5	7727.84
Fe 271.441	5632.26	ppb	20.5353	0.4	6489.81
K 766.491	15318.3	ppb	25.3706	0.2	531709
Mg 279.078	9571.77	ppb	13.6859	0.1	16903.2
Mn 257.610	561.944	ppb	3.8116	0.7	32783.7
Mo 202.032	99.2473	ppb	0.4633	0.5	618.234
Na 330.237	21564.9	ppb	72.1079	0.3	874.993
Ni 231.604	104.814	ppb	0.7993	0.8	242.831
Pb 220.353	50.7731	ppb	0.5106	1.0	64.8163
Sb 206.834	46.3699	ppb	1.4390	3.1	60.5713
Se 196.026	97.1722	ppb	5.4195	5.6	40.6953
Sn 189.925	96.3948	ppb	1.8195	1.9	62.8682
Sr 216.596	273.128	ppb	0.9687	0.4	2548.49
Ti 334.941	102.903	ppb	0.7453	0.7	9857.10
Tl 190.794	36.3222	ppb	2.6775	7.4	16.3265
V 292.401	101.149	ppb	0.1128	0.1	2049.11
Zn 206.200	550.155	ppb	2.6318	0.5	469.108

680-85986-a-1-c msd (Samp) **12/23/2012, 4:33:36 AM** **Rack 3, Tube 27**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	48.7641	48.4939	48.6626
Al 308.215	4896.84	4891.61	4868.38
As 188.980	103.483	102.834	107.143
B 249.678	209.113	207.100	208.285
Ba 389.178	129.881	130.063	129.370
Be 313.042	50.9616	50.8686	50.9271
Ca 370.602	17636	17611	17603
Cd 226.502	49.3511	48.9333	48.9763
Co 228.615	49.7673	51.2764	50.4666
Cr 267.716	100.924	101.162	100.971
Cu 324.754	133.474	132.406	132.723
Fe 271.441	5648.85	5641.50	5629.64
K 766.491	15176.5	15141.9	15129.5
Mg 279.078	9441.56	9419.38	9433.13
Mn 257.610	545.475	543.082	547.647
Mo 202.032	97.6752	98.3571	98.1770
Na 330.237	21447.0	21422.2	21498.8
Ni 231.604	105.224	103.415	103.373
Pb 220.353	49.0257	50.7964	49.7824
Sb 206.834	49.0116	46.3050	48.3275
Se 196.026	94.4903	100.211	94.9468
Sn 189.925	99.0738	96.1306	94.7684
Sr 216.596	269.112	268.135	268.461
Ti 334.941	99.9715	99.7138	99.9624
Tl 190.794	33.0708	39.2616	34.4358
V 292.401	99.1935	99.3692	99.3754
Zn 206.200	547.059	550.086	544.175

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	48.6402	ppb	0.1365	0.3	2209.71
Al 308.215	4885.61	ppb	15.1474	0.3	16839.9
As 188.980	104.487	ppb	2.3228	2.2	60.8448
B 249.678	208.166	ppb	1.0114	0.5	2302.69
Ba 389.178	129.771	ppb	0.3597	0.3	1961.29
Be 313.042	50.9191	ppb	0.0470	0.1	57813.2
Ca 370.602	17617	ppb	17.46	0.1	47862
Cd 226.502	49.0869	ppb	0.2298	0.5	1583.66
Co 228.615	50.5034	ppb	0.7553	1.5	471.136
Cr 267.716	101.019	ppb	0.1263	0.1	3695.15
Cu 324.754	132.868	ppb	0.5485	0.4	7901.65
Fe 271.441	5640.00	ppb	9.6967	0.2	6498.63
K 766.491	15149.3	ppb	24.3479	0.2	525845
Mg 279.078	9431.36	ppb	11.1944	0.1	16655.4
Mn 257.610	545.401	ppb	2.2832	0.4	31819.6
Mo 202.032	98.0697	ppb	0.3534	0.4	610.949
Na 330.237	21456.0	ppb	39.0922	0.2	870.586
Ni 231.604	104.004	ppb	1.0567	1.0	240.941
Pb 220.353	49.8682	ppb	0.8885	1.8	63.6992
Sb 206.834	47.8813	ppb	1.4074	2.9	62.4462
Se 196.026	96.5494	ppb	3.1793	3.3	40.4444
Sn 189.925	96.6576	ppb	2.2005	2.3	63.0439
Sr 216.596	268.570	ppb	0.4975	0.2	2506.07
Ti 334.941	99.8825	ppb	0.1462	0.1	9567.04
Tl 190.794	35.5894	ppb	3.2526	9.1	15.9673
V 292.401	99.3127	ppb	0.1033	0.1	2011.94
Zn 206.200	547.107	ppb	2.9558	0.5	466.514

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X (Samp) **12/23/2012, 4:40:04 AM** **Rack 3, Tube 28**

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

Label	Replicates Concentration		
Ag 328.068	-0.3556u	-0.3417u	0.0665
Al 308.215	1.6339	1.2104	1.7112
As 188.980	3.7031	-2.1979u	-0.7798u
B 249.678	2.7001	1.7055	2.1229
Ba 389.178	0.7503	0.1998	0.1758
Be 313.042	0.0006	0.0064	0.0092
Ca 370.602	-3.193u	-1.681u	-2.758u
Cd 226.502	0.0873	0.2099	-0.0294u
Co 228.615	0.7848	0.3529	0.4922
Cr 267.716	-0.0040u	-0.0318u	-0.1452u
Cu 324.754	-0.0748u	-0.0250u	-0.2358u
Fe 271.441	1.1572	3.9220	2.8070
K 766.491	0.2985	-0.0809u	0.4358
Mg 279.078	1.3823	3.7927	2.6333
Mn 257.610	-0.0859u	-0.0843u	-0.1898u
Mo 202.032	-0.2310u	0.0505	-0.3276u
Na 330.237	9.3934	-29.0661u	-106.244u
Ni 231.604	0.5800	0.6168	-0.4766u
Pb 220.353	-0.6209u	-0.2866u	2.2039
Sb 206.834	-1.0136u	-3.1358u	0.7184
Se 196.026	4.8266	-2.3966u	0.1270
Sn 189.925	-0.8553u	0.5107	0.2503
Sr 216.596	-0.3365u	-0.2534u	0.2601
Ti 334.941	0.1123	0.0153	-0.0067u
Tl 190.794	-0.5555u	3.4245	3.3582
V 292.401	-0.2674u	-0.1177u	0.0053
Zn 206.200	0.7346	0.9902	1.2179

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	-0.2103	ppb	0.2398	114.0	-7.9895
Al 308.215	1.5185	ppb	0.2696	17.8	23.9495
As 188.980	0.2418	ppb	3.0803	1273.9	-0.9224
B 249.678	2.1761	ppb	0.4994	23.0	55.6413
Ba 389.178	0.3753	ppb	0.3250	86.6	-2.4519
Be 313.042	0.0054	ppb	0.0044	81.9	-117.515
Ca 370.602	-2.544	ppb	0.7780	30.6	21.80
Cd 226.502	0.0893	ppb	0.1196	134.0	4.1106
Co 228.615	0.5433	ppb	0.2204	40.6	-2.4667
Cr 267.716	-0.0603	ppb	0.0748	124.0	14.1635
Cu 324.754	-0.1119	ppb	0.1102	98.5	179.422
Fe 271.441	2.6287	ppb	1.3910	52.9	-8.0829
K 766.491	0.2178	ppb	0.2677	122.9	234.855
Mg 279.078	2.6028	ppb	1.2055	46.3	10.5201
Mn 257.610	-0.1200	ppb	0.0605	50.4	20.9509
Mo 202.032	-0.1694	ppb	0.1965	116.0	3.3721
Na 330.237	-41.9722	ppb	58.8892	140.3	-1.2966
Ni 231.604	0.2400	ppb	0.6209	258.7	-0.7971
Pb 220.353	0.4321	ppb	1.5435	357.2	2.5508
Sb 206.834	-1.1437	ppb	1.9304	168.8	2.3522
Se 196.026	0.8523	ppb	3.6658	430.1	1.8839
Sn 189.925	-0.0314	ppb	0.7252	2306.7	-1.6712
Sr 216.596	-0.1099	ppb	0.3231	293.9	-0.5971
Ti 334.941	0.0403	ppb	0.0633	157.0	-21.0648
Tl 190.794	2.0758	ppb	2.2789	109.8	-0.2378
V 292.401	-0.1266	ppb	0.1366	107.9	-2.5414
Zn 206.200	0.9809	ppb	0.2417	24.6	1.2295

CCV (Samp) **12/23/2012, 4:46:33 AM** **Rack 3, Tube 29**
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	9.9577	9.7794	10.1739
Al 308.215	197.488	195.085	197.214
As 188.980	20.4273	21.4882	20.4962
B 249.678	99.8033	100.326	101.774
Ba 389.178	9.5856	10.0220	10.1190
Be 313.042	4.0855	4.1051	4.1516
Ca 370.602	473.9	473.8	476.9
Cd 226.502	5.0900	5.1565	5.1508
Co 228.615	10.2589	10.3354	10.6387
Cr 267.716	9.8047	9.8179	10.1425
Cu 324.754	19.3578	19.3264	19.4104
Fe 271.441	45.8037	52.3556	50.4797
K 766.491	1001.24	1008.13	1016.54
Mg 279.078	509.183	508.767	515.251
Mn 257.610	10.3114	10.1837	10.4853
Mo 202.032	9.6975	10.1404	10.4137
Na 330.237	1040.69	941.600	1043.39
Ni 231.604	39.6274	40.4426	40.6487
Pb 220.353	10.2165	9.4836	10.0970
Sb 206.834	17.1962	15.9735	18.9336
Se 196.026	23.6648	24.7435	23.4324
Sn 189.925	51.4309	51.1078	51.5823
Sr 216.596	9.7625	10.1775	10.0382
Ti 334.941	9.8159	9.9519	10.1139
Tl 190.794	21.9870	21.2322	16.9906
V 292.401	9.9672	9.8853	10.2341
Zn 206.200	21.5856	23.5699	22.4723

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	9.9703	ppb	0.1976	2.0	454.722
Al 308.215	196.596	ppb	1.3155	0.7	695.973
As 188.980	20.8039	ppb	0.5936	2.9	11.2632
B 249.678	100.635	ppb	1.0211	1.0	1131.07
Ba 389.178	9.9089	ppb	0.2841	2.9	142.112
Be 313.042	4.1141	ppb	0.0340	0.8	4557.55
Ca 370.602	474.9	ppb	1.758	0.4	1349
Cd 226.502	5.1324	ppb	0.0369	0.7	164.832
Co 228.615	10.4110	ppb	0.2009	1.9	91.0591
Cr 267.716	9.9217	ppb	0.1913	1.9	377.531
Cu 324.754	19.3649	ppb	0.0424	0.2	1310.34
Fe 271.441	49.5463	ppb	3.3742	6.8	46.9027
K 766.491	1008.64	ppb	7.6603	0.8	35222.9
Mg 279.078	511.067	ppb	3.6296	0.7	908.298
Mn 257.610	10.3268	ppb	0.1514	1.5	630.238
Mo 202.032	10.0839	ppb	0.3614	3.6	66.8007
Na 330.237	1008.56	ppb	58.0066	5.8	41.3566
Ni 231.604	40.2395	ppb	0.5401	1.3	92.2430
Pb 220.353	9.9324	ppb	0.3932	4.0	14.3025
Sb 206.834	17.3678	ppb	1.4875	8.6	25.1267
Se 196.026	23.9469	ppb	0.6996	2.9	11.1855
Sn 189.925	51.3737	ppb	0.2424	0.5	32.7290
Sr 216.596	9.9928	ppb	0.2112	2.1	91.8133
Ti 334.941	9.9606	ppb	0.1491	1.5	931.595
Tl 190.794	20.0699	ppb	2.6934	13.4	8.4712
V 292.401	10.0288	ppb	0.1824	1.8	203.221
Zn 206.200	22.5426	ppb	0.9940	4.4	19.5804

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CCB (Samp) **12/23/2012, 4:53:01 AM** **Rack 3, Tube 30**

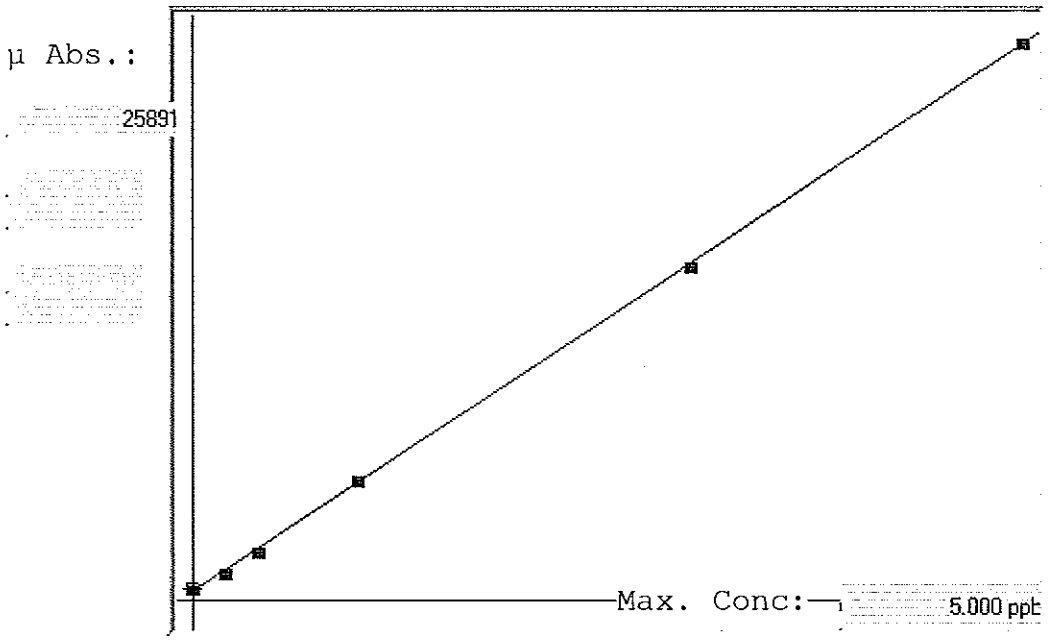
Weight: 1 **Volume: 1** **Dilution: 1**

Label	Replicates Concentration		
Ag 328.068	510.099	508.926	507.319
Al 308.215	4881.52	4917.58	4923.46
As 188.980	496.919	503.305	493.341
B 249.678	2554.97	2558.48	2558.23
Ba 389.178	5061.65	5058.44	5054.80
Be 313.042	510.167	507.983	509.612
Ca 370.602	5003	5015	5012
Cd 226.502	504.903	506.250	504.133
Co 228.615	504.656	505.329	504.875
Cr 267.716	5064.63	5051.40	5048.37
Cu 324.754	4889.30	4878.44	4922.51
Fe 271.441	5032.54	5038.44	5033.68
K 766.491	9953.96	9927.04	9952.25
Mg 279.078	4961.08	4946.88	4937.17
Mn 257.610	5159.86	5116.08	5092.14
Mo 202.032	501.408	503.430	501.426
Na 330.237	7436.85	7461.62	7398.91
Ni 231.604	2547.71	2554.00	2545.37
Pb 220.353	499.558	504.506	499.974
Sb 206.834	476.704	475.122	478.467
Se 196.026	4982.30	5018.23	4992.06
Sn 189.925	4915.63	4920.58	4913.19
Sr 216.596	2531.54	2530.98	2523.00
Ti 334.941	508.189	504.228	503.120
Tl 190.794	4960.35	5076.97	4974.89
V 292.401	4850.42	4845.00	4847.19
Zn 206.200	2549.75	2563.11	2558.16

Label	Sol'n Conc.	Units	SD	%RSD	Int. (c/s)
Ag 328.068	508.781	ppb	1.3958	0.3	23116.6
Al 308.215	4907.52	ppb	22.7083	0.5	17132.3
As 188.980	497.855	ppb	5.0472	1.0	293.914
B 249.678	2557.23	ppb	1.9583	0.1	27961.4
Ba 389.178	5058.29	ppb	3.4266	0.1	76458.4
Be 313.042	509.254	ppb	1.1355	0.2	579511
Ca 370.602	5010	ppb	6.346	0.1	12827
Cd 226.502	505.095	ppb	1.0712	0.2	16093.0
Co 228.615	504.953	ppb	0.3436	0.1	4778.33
Cr 267.716	5054.80	ppb	8.6437	0.2	184021
Cu 324.754	4896.75	ppb	22.9615	0.5	284430
Fe 271.441	5034.89	ppb	3.1294	0.1	5892.57
K 766.491	9944.41	ppb	15.0703	0.2	345257
Mg 279.078	4948.38	ppb	12.0278	0.2	8698.24
Mn 257.610	5122.69	ppb	34.3423	0.7	298514
Mo 202.032	502.088	ppb	1.1625	0.2	3107.17
Na 330.237	7432.46	ppb	31.5840	0.4	287.909
Ni 231.604	2549.03	ppb	4.4618	0.2	5929.20
Pb 220.353	501.346	ppb	2.7447	0.5	622.571
Sb 206.834	476.765	ppb	1.6732	0.4	611.970
Se 196.026	4997.53	ppb	18.5801	0.4	2014.35
Sn 189.925	4916.47	ppb	3.7631	0.1	3288.39
Sr 216.596	2528.51	ppb	4.7764	0.2	23436.0
Ti 334.941	505.179	ppb	2.6649	0.5	48566.5
Tl 190.794	5004.07	ppb	63.5511	1.3	2422.85
V 292.401	4847.54	ppb	2.7283	0.1	98664.1
Zn 206.200	2557.01	ppb	6.7541	0.3	2162.25

C010413 B

Hg Norm2



Linear

A= 0.0000e+000

B= 1.3651e-004

C= -7.8702e-002

Rho= 0.9999326

Accept= Accepted

Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
blank	0.000	0.028	0.028	541	4.320	535	543	545		
0.2	0.200	0.182	-0.018	1325	0.2 %	1324	1328	1323		
0.4	0.400	0.377	-0.023	2320	0.1 %	2321	2318	2321		
1.0	1.000	1.024	0.024	5612	0.1 %	5601	5618	5619		
3.0	3.000	2.980	-0.020	15567	0.4 %	15648	15555	15498		
5.0	5.000	5.009	0.009	25890	0.2 %	25888	25831	25953		

C010413B

Method: Hg Norm2 Operator: Admin Date of Analysis: 04 Jan 2013 15:58:32

Sample ID	Extended ID	Mean	RSD	Date
blank		541	0.7986	04 Jan 2013 15:59:19
0.2		1325	0.1630	04 Jan 2013 16:01:44
0.4		2320	0.0610	04 Jan 2013 16:04:10
1.0		5613	0.1472	04 Jan 2013 16:06:37
3.0		15567	0.3971	04 Jan 2013 16:09:03
5.0		25891	0.1925	04 Jan 2013 16:11:29
ICV		3.8944	0.3911	04 Jan 2013 16:13:55
ICB		0.0272	0.5896	04 Jan 2013 16:16:21
CRA		0.1754	0.4322	04 Jan 2013 16:18:46
CCV		2.5218	0.3045	04 Jan 2013 16:21:12
CCB		0.0325	1.5892	04 Jan 2013 16:23:38
MB	7471 CE 261381	0.0432	0.2144	04 Jan 2013 16:26:02
LCS	7471 CE 261381	2.5663	0.2330	04 Jan 2013 16:28:27
85835-1	7471 CE 261381	0.2077	0.2230	04 Jan 2013 16:30:52
85835-2	7471 CE 261381	0.2054	0.5023	04 Jan 2013 16:33:17
85835-3	7471 CE 261381	0.3148	0.5449	04 Jan 2013 16:35:42
85835-3MS	7471 CE 261381	1.2082	0.1935	04 Jan 2013 16:38:07
85835-3MSD	7471 CE 261381	1.2407	0.0638	04 Jan 2013 16:40:32
85835-4	7471 CE 261381	0.3439	0.2349	04 Jan 2013 16:42:58
85835-5	7471 CE 261381	0.4543	0.2877	04 Jan 2013 16:45:23
85835-6	7471 CE 261381	0.4947	0.3508	04 Jan 2013 16:47:49
CCV		2.5334	0.0827	04 Jan 2013 16:50:14
CCB		-0.0156	-2.0539	04 Jan 2013 16:52:40
85835-7	7471 CE 261381	0.4453	0.3348	04 Jan 2013 16:55:05
85835-8	7471 CE 261381	0.2083	0.0445	04 Jan 2013 16:57:31
85835-9	7471 CE 261381	0.3418	0.0977	04 Jan 2013 16:59:57
85835-11	7471 CE 261381	0.4757	0.0515	04 Jan 2013 17:02:23
85835-12	7471 CE 261381	0.2961	0.2503	04 Jan 2013 17:04:48
85835-13	7471 CE 261381	0.2521	0.5413	04 Jan 2013 17:07:14
85835-14	7471 CE 261381	0.3771	0.3861	04 Jan 2013 17:09:39
85835-15	7471 CE 261381	0.1527	0.6998	04 Jan 2013 17:12:04
85835-16	7471 CE 261381	0.5811	0.4070	04 Jan 2013 17:14:30
85835-17	7471 CE 261381	0.4387	0.3292	04 Jan 2013 17:16:55
CCV		2.5530	0.1414	04 Jan 2013 17:19:20
CCB		-0.0122	-4.6120	04 Jan 2013 17:21:46
85835-18	7471 CE 261381	0.2656	0.0000	04 Jan 2013 17:24:11
85835-19	7471 CE 261381	0.3180	0.6990	04 Jan 2013 17:26:36
85835-20	7471 CE 261381	0.1911	0.3027	04 Jan 2013 17:29:02
85835-21	7471 CE 261381	0.3935	0.6408	04 Jan 2013 17:31:28
MB	7471 CE 261383	0.2524	0.2543	04 Jan 2013 17:33:55
LCS	7471 CE 261383	2.6977	0.6086	04 Jan 2013 17:36:20
85620-1	7471 CE 261383	0.2889	0.4168	04 Jan 2013 17:38:46
85620-3	7471 CE 261383	2.4377	0.4296	04 Jan 2013 17:41:10
85620-5	7471 CE 261383	0.6256	0.5300	04 Jan 2013 17:43:35
85620-7	7471 CE 261383	0.1659	0.9812	04 Jan 2013 17:46:00
CCV		2.5255	0.4988	04 Jan 2013 17:48:25
CCB		0.0120	2.0505	04 Jan 2013 17:50:52
85620-8	7471 CE 261383	0.2074	0.3868	04 Jan 2013 17:53:16
85620-9	7471 CE 261383	0.1320	0.1856	04 Jan 2013 17:55:42
85620-10	7471 CE 261383	0.1263	0.6725	04 Jan 2013 17:58:08
85620-11	7471 CE 261383	0.1104	0.4440	04 Jan 2013 18:00:34
85620-12	7471 CE 261383	0.1179	0.5664	04 Jan 2013 18:03:00
85620-13	7471 CE 261383	0.0710	2.0076	04 Jan 2013 18:05:26
85620-14	7471 CE 261383	0.0673	0.8258	04 Jan 2013 18:07:52
85738-3	7471 CE 261383	0.3012	0.1627	04 Jan 2013 18:10:18
85738-5	7471 CE 261383	0.1070	2.2188	04 Jan 2013 18:12:43

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Method: Hg Norm2 Operator: Admin Date of Analysis: 04 Jan 2013 15:58:32

Sample ID	Extended ID	Mean	RSD	Date
85738-9	7471 CE 261383	0.3615	0.4533	04 Jan 2013 18:15:08
CCV		2.5603	0.3242	04 Jan 2013 18:17:33
CCB		-0.0061	-4.0441	04 Jan 2013 18:19:59
85738-12	7471 CE 261383	0.4584	0.1796	04 Jan 2013 18:22:24
85738-15	7471 CE 261383	0.1671	0.1920	04 Jan 2013 18:24:49
85886-8	7471 CE 261383	0.2625	0.7883	04 Jan 2013 18:27:15
85886-9	7471 CE 261383	0.5713	0.5078	04 Jan 2013 18:29:40
85886-10	7471 CE 261383	0.1647	0.3937	04 Jan 2013 18:32:05
86061-1	7471 CE 261383	0.6718	0.8615	04 Jan 2013 18:34:31
86061-1MS	7471 CE 261383	1.8008	2.0789	04 Jan 2013 18:36:57
86061-1MSD	7471 CE 261383	1.5883	0.2834	04 Jan 2013 18:39:25
MB	7471 CE 261383	-0.0158	-1.0142	04 Jan 2013 18:41:51
MB	7471 CE 261382	-0.0048	-3.3317	04 Jan 2013 18:44:16
CCV		2.5554	0.1630	04 Jan 2013 18:46:42
CCB		-0.0095	-3.5282	04 Jan 2013 18:49:08
LCS	7471 CE 261382	2.4513	0.3622	04 Jan 2013 18:51:32
41669-1	7471 CE 261382	2.1061	0.2526	04 Jan 2013 18:53:57
41669-1MS	7471 CE 261382	2.8451	0.0720	04 Jan 2013 18:56:23
41669-1MSD	7471 CE 261382	3.3305	0.3020	04 Jan 2013 18:58:48
41669-2	7471 CE 261382	5.6833	0.4095	04 Jan 2013 19:01:14
41669-3	7471 CE 261382	0.9748	0.6666	04 Jan 2013 19:03:40
41669-4	7471 CE 261382	0.9887	0.8713	04 Jan 2013 19:06:05
41669-5	7471 CE 261382	1.9188	0.6000	04 Jan 2013 19:08:31
41669-6	7471 CE 261382	0.0148	1.6594	04 Jan 2013 19:10:56
41669-7	7471 CE 261382	0.9239	0.8529	04 Jan 2013 19:13:23
CCV		2.5796	0.9343	04 Jan 2013 19:15:48
CCB		-0.0841	-0.5826	04 Jan 2013 19:18:14
41669-8	7471 CE 261382	0.0001	1517.3479	04 Jan 2013 19:20:39
41669-9	7471 CE 261382	4.5383	0.2407	04 Jan 2013 19:23:05
41669-10	7471 CE 261382	0.0717	0.5632	04 Jan 2013 19:25:31
41669-11	7471 CE 261382	3.6418	0.5476	04 Jan 2013 19:27:56
41669-12	7471 CE 261382	0.5605	0.2011	04 Jan 2013 19:30:22
MB	7471 CE 261598	4.6770	0.3365	04 Jan 2013 19:32:48
LCS	7471 CE 261598	3.7222	0.2919	04 Jan 2013 19:35:14
85417-5	7471 CE 261598	2.3348	0.4928	04 Jan 2013 19:37:40
85417-5MS	7471 CE 261598	2.6827	0.5404	04 Jan 2013 19:40:05
85417-5MSD	7471 CE 261598	2.7594	0.5617	04 Jan 2013 19:42:31
CCV		2.6246	0.7867	04 Jan 2013 19:44:56
CCB		-0.0161	-1.1520	04 Jan 2013 19:47:23
85417-6	7471 CE 261598	2.0704	0.1129	04 Jan 2013 19:49:48
85417-15	7471 CE 261598	1.0821	0.4072	04 Jan 2013 19:52:14
85417-24	7471 CE 261598	1.2630	0.4578	04 Jan 2013 19:54:40
85417-33	7471 CE 261598	1.8824	0.2503	04 Jan 2013 19:57:06
85417-45	7471 CE 261598	1.8086	0.0542	04 Jan 2013 19:59:31
85490-5	7471 CE 261598	0.9932	0.6721	04 Jan 2013 20:01:59
85490-6	7471 CE 261598	4.2122	0.3904	04 Jan 2013 20:04:24
85490-10	7471 CE 261598	2.2085	0.1995	04 Jan 2013 20:06:50
85490-20	7471 CE 261598	2.6073	0.0585	04 Jan 2013 20:09:16
85490-24	7471 CE 261598	2.8228	0.4239	04 Jan 2013 20:11:43
CCV		2.6073	0.5069	04 Jan 2013 20:14:08
CCB		-0.0066	-2.4368	04 Jan 2013 20:16:34
85490-28	7471 CE 261598	3.1573	0.3662	04 Jan 2013 20:18:59
85490-32	7471 CE 261598	5.4492	0.1107	04 Jan 2013 20:21:26
85490-41	7471 CE 261598	1.3641	0.8792	04 Jan 2013 20:23:53
85490-42	7471 CE 261598	2.1843	0.1182	04 Jan 2013 20:26:19
85490-55	7471 CE 261598	1.5279	2.3078	04 Jan 2013 20:28:45

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Method: Hg Norm2 Operator: Admin Date of Analysis: 04 Jan 2013 15:58:32

Sample ID	Extended ID	Mean	RSD	Date
85490-65	7471 CE 261598	8.3974	0.4415	04 Jan 2013 20:31:12
LB 261413	7470L CE 261621	-0.0072	-7.7477	04 Jan 2013 20:33:38
LCS	7470L CE 261621	2.1266	0.3795	04 Jan 2013 20:36:06
86103-1	7470L CE 261621	0.0617	1.6727	04 Jan 2013 20:38:32
86103-1MS	7470L CE 261621	0.7688	0.1269	04 Jan 2013 20:40:58
CCV		2.5494	0.2677	04 Jan 2013 20:43:25
CCB		-0.0103	-9.3302	04 Jan 2013 20:45:51
86103-1MSD	7470L CE 261621	0.7380	0.0996	04 Jan 2013 20:48:17
86120-1	7470L CE 261621	0.0059	3.1610	04 Jan 2013 20:50:43
86150-1	7470L CE 261621	-0.0239	-1.7779	04 Jan 2013 20:53:09
LB 261217	7470L CE 261621	0.0879	0.9190	04 Jan 2013 20:55:36
86114-1	7470L CE 261621	0.0066	20.8286	04 Jan 2013 20:58:02
LB 258586	7470L CE 261621	0.0297	3.8322	04 Jan 2013 21:00:29
85356-1	7470L CE 261621	0.0197	2.8629	04 Jan 2013 21:02:55
MB	245.1 CE 261590	0.1701	0.7325	04 Jan 2013 21:05:22
LLCS	245.1 CE 261590	2.4473	0.8335	04 Jan 2013 21:07:48
LCS	245.1 CE 261590	0.2288	0.4049	04 Jan 2013 21:10:14
CCV		2.6547	0.9079	04 Jan 2013 21:12:41
CCB		-0.0034	-9.8971	04 Jan 2013 21:15:06
85982-1	245.1 CE 261590	0.1259	0.9648	04 Jan 2013 21:17:31
85982-1MS	245.1 CE 261590	0.8354	0.3181	04 Jan 2013 21:19:58
85982-1MSD	245.1 CE 261590	0.8924	0.3516	04 Jan 2013 21:22:24
65666-1	245.1 CE 261590	0.1740	1.8139	04 Jan 2013 21:24:51
65667-1	245.1 CE 261590	0.1380	1.8267	04 Jan 2013 21:27:18
86116-1	245.1 CE 261590	-0.0230	-2.2400	04 Jan 2013 21:29:44
85980-46	245.1 CE 261590	0.3748	0.1962	04 Jan 2013 21:32:11
85619-1	245.1 CE 261590	0.9828	0.7313	04 Jan 2013 21:34:37
85516-1	245.1 CE 261590	-0.0218	-1.8483	04 Jan 2013 21:37:04
MB	7470 CE 261611	0.6530	0.2202	04 Jan 2013 21:39:30
CCV		2.6097	0.1228	04 Jan 2013 21:41:57
CCB		0.0202	5.6335	04 Jan 2013 21:44:23
LCS	7470 CE 261611	2.3163	1.2268	04 Jan 2013 21:46:48
86162-6	7470 CE 261611	0.2363	1.3866	04 Jan 2013 21:49:15
86162-6MS	7470 CE 261611	0.7134	0.1622	04 Jan 2013 21:51:42
86162-6MSD	7470 CE 261611	0.7113	0.2944	04 Jan 2013 21:54:09
86162-11	7470 CE 261611	0.1981	0.3273	04 Jan 2013 21:56:35
86161-1	7470 CE 261611	0.3055	0.8932	04 Jan 2013 21:59:03
86007-1	7470 CE 261611	0.1179	0.8747	04 Jan 2013 22:01:29
86007-2	7470 CE 261611	0.1187	1.3612	04 Jan 2013 22:03:57
86007-4	7470 CE 261611	0.0397	0.2332	04 Jan 2013 22:06:25
86007-5	7470 CE 261611	0.0389	3.8063	04 Jan 2013 22:08:51
CCV		2.6103	0.0525	04 Jan 2013 22:11:19
CCB		0.0070	2.6316	04 Jan 2013 22:13:46
86007-6	7470 CE 261611	0.0000	1063.2891	04 Jan 2013 22:16:11
86007-7	7470 CE 261611	0.8348	0.2434	04 Jan 2013 22:18:38
86007-8	7470 CE 261611	-0.0019	-26.6731	04 Jan 2013 22:21:05
86007-9	7470 CE 261611	0.0084	6.9280	04 Jan 2013 22:23:32
86007-10	7470 CE 261611	0.0591	2.1938	04 Jan 2013 22:25:59
86007-13	7470 CE 261611	0.0099	9.9460	04 Jan 2013 22:28:27
86007-14	7470 CE 261611	-0.0306	-3.4430	04 Jan 2013 22:30:53
86007-15	7470 CE 261611	0.0248	0.3737	04 Jan 2013 22:33:20
86007-16	7470 CE 261611	0.0708	0.5992	04 Jan 2013 22:35:46
86007-17	7470 CE 261611	0.0249	5.2434	04 Jan 2013 22:38:13
CCV		2.5888	0.5833	04 Jan 2013 22:40:40
CCB		0.0070	16.1030	04 Jan 2013 22:43:07
CCV		2.7001	0.1714	04 Jan 2013 22:45:34

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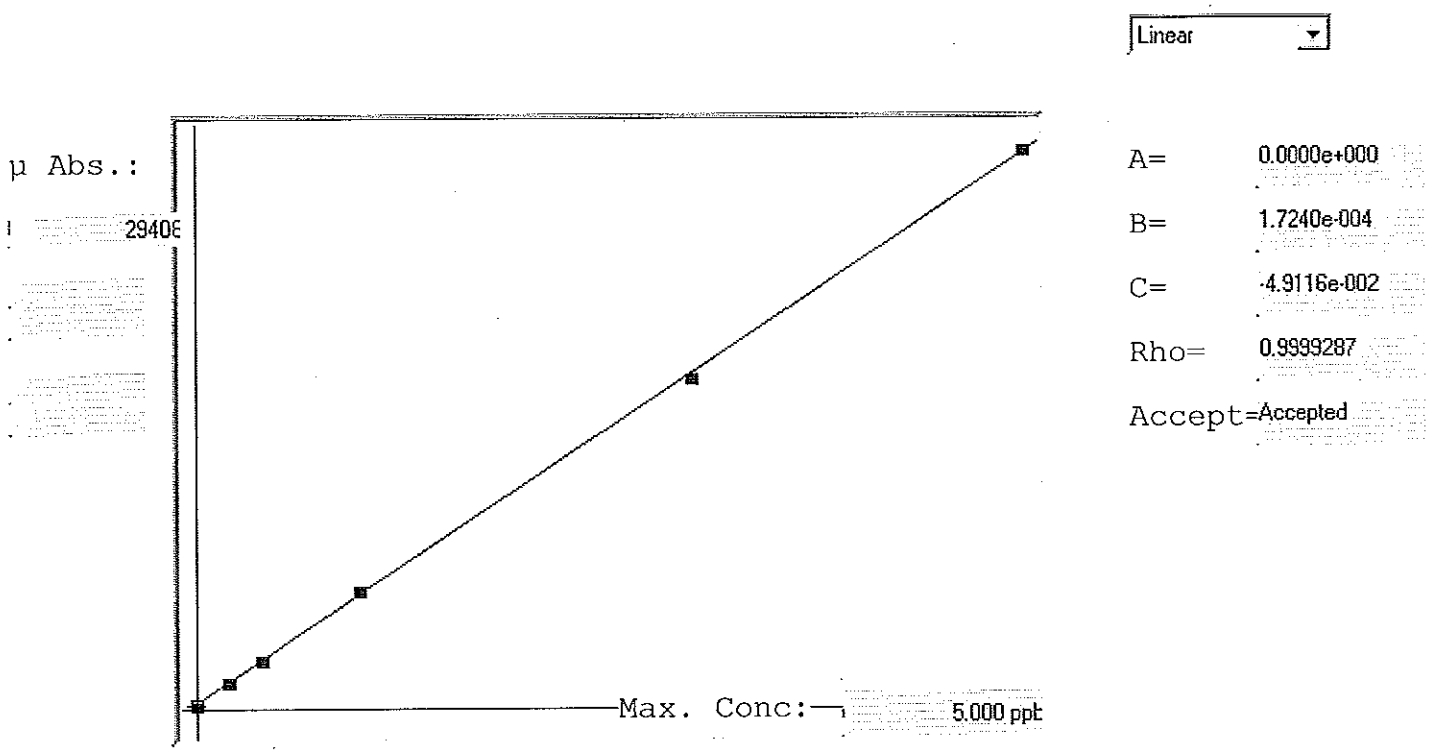
Method: Hg Norm2 Operator: Admin Date of Analysis: 04 Jan 2013 15:58:32

Sample ID	Extended ID	Mean	RSD	Date
CCB		-0.0132	-6.1179	04 Jan 2013 22:48:03
86036-1X5	245.1 CE 261590	-0.0540	-0.7476	04 Jan 2013 22:50:30
85941-1X5	245.1 CE 261590	-0.0959	-0.7910	04 Jan 2013 22:52:57
86036-1X10	245.1 CE 261590	-0.0826	-0.9708	04 Jan 2013 22:55:24
85941-1X10	245.1 CE 261590	-0.0547	-0.4484	04 Jan 2013 22:57:52
CCV		2.5869	0.0752	04 Jan 2013 23:00:19
CCB		-0.0115	-5.5822	04 Jan 2013 23:02:45
CCV		2.6149	0.1416	05 Jan 2013 10:48:12
CCB		-0.0067	-11.0356	05 Jan 2013 10:50:38
MB	245.1 CE 261590	0.1755	0.2939	05 Jan 2013 10:53:03
MB	7470 CE 261611	0.6928	1.0653	05 Jan 2013 10:55:28
MB	7471 CE 261598	4.9692	0.8714	05 Jan 2013 10:57:54
CCV		2.6516	0.4203	05 Jan 2013 11:00:20
CCB		-0.0187	-3.5717	05 Jan 2013 11:02:46
86036-1	245.1 CE 261590	-0.0742	-0.3746	05 Jan 2013 11:05:12
85941-1	245.1 CE 261590	-0.1006	-1.1973	05 Jan 2013 11:07:38
CCV		2.3109	1.0936	05 Jan 2013 11:10:04
CCB		-0.0212	-3.0599	05 Jan 2013 11:12:30

Hg Norm2



Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
blank	0.000	-0.002	-0.002	274	11.728	258	280	285		
0.2	0.200	0.197	-0.003	1429	0.4 %	1436	1432	1421		
0.4	0.400	0.406	0.006	2637	0.3 %	2631	2635	2647		
1.0	1.000	1.021	0.021	6209	0.1 %	6212	6202	6215		
3.0	3.000	2.957	-0.043	17434	0.3 %	17442	17486	17374		
5.0	5.000	5.021	0.021	29408	0.2 %	29319	29443	29463		

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Method: Hg Norm2 Operator: Admin Date of Analysis: 31 Dec 2012 10:38:35

Sample ID	Extended ID	Mean	RSD	Date
blank		274	4.2752	31 Dec 2012 10:39:37
0.2		1430	0.4436	31 Dec 2012 10:42:02
0.4		2638	0.2578	31 Dec 2012 10:44:29
1.0		6210	0.0895	31 Dec 2012 10:46:55
3.0		17434	0.2643	31 Dec 2012 10:49:21
5.0		29408	0.2166	31 Dec 2012 10:51:46
ICV		3.1526	0.0867	31 Dec 2012 10:54:12
ICB		-0.0015	-535.4199	31 Dec 2012 10:56:37
CRA		0.1939	0.5868	31 Dec 2012 10:59:02
CCV		2.4271	0.2755	31 Dec 2012 11:04:05
CCB		0.0151	6.6249	31 Dec 2012 11:06:31
MB	BCB 7471 261469	0.0074	68.8646	31 Dec 2012 11:08:56
LCS	BCB 7471 261469	2.2634	0.2430	31 Dec 2012 11:11:23
85860-1	BCB 7471 261469	0.8850	0.5362	31 Dec 2012 11:13:48
85860-1S	BCB 7471 261469	1.7380	1.1157	31 Dec 2012 11:16:13
85860-1SD	BCB 7471 261469	1.7148	0.1971	31 Dec 2012 11:18:37
85814-1	BCB 7470 261369	0.0060	13.3524	31 Dec 2012 11:21:02
MB	BCB 7471 261384	0.1072	0.7915	31 Dec 2012 11:23:26
LCS	BCB 7471 261384	2.3883	0.2306	31 Dec 2012 11:25:51
85835-22	BCB 7471 261384	0.4541	0.4395	31 Dec 2012 11:28:17
85835-23	BCB 7471 261384	0.3348	0.0642	31 Dec 2012 11:30:42
CCV		2.4373	0.2960	31 Dec 2012 11:33:09
CCB		0.0178	2.0952	31 Dec 2012 11:35:35
85835-24	BCB 7471 261384	0.7012	0.2125	31 Dec 2012 11:37:59
85835-25	BCB 7471 261384	0.7746	0.3372	31 Dec 2012 11:40:26
85835-26	BCB 7471 261384	0.4113	0.1688	31 Dec 2012 11:42:53
85835-27	BCB 7471 261384	0.1735	0.4936	31 Dec 2012 11:45:18
85835-28	BCB 7471 261384	0.3918	0.5034	31 Dec 2012 11:47:42
85660-2	BCB 7471 261384	2.0896	0.1728	31 Dec 2012 11:50:08
85702-1	BCB 7471 261384	0.0617	0.8640	31 Dec 2012 11:52:33
85702-2	BCB 7471 261384	0.1092	0.1488	31 Dec 2012 11:54:58
85831-3	BCB 7471 261384	0.3213	0.3726	31 Dec 2012 11:57:24
85980-39	BCB 7471 261384	2.9217	0.4413	31 Dec 2012 11:59:49
CCV		2.4033	0.1661	31 Dec 2012 12:02:15
CCB		0.0009	111.9660	31 Dec 2012 12:04:41
85980-39S	BCB 7471 261384	2.0234	0.1247	31 Dec 2012 12:07:07
85980-39SD	BCB 7471 261384	2.6318	0.2120	31 Dec 2012 12:09:33
85545-1	BCB 7471 261384	0.6782	0.7729	31 Dec 2012 12:11:59
85958-1	BCB 7471 261384	2.8688	0.2459	31 Dec 2012 12:14:26
85725-1	BCB 7471 261384	0.6418	0.4827	31 Dec 2012 12:16:53
85725-2	BCB 7471 261384	0.6040	0.2334	31 Dec 2012 12:19:18
85725-3	BCB 7471 261384	0.6121	0.3001	31 Dec 2012 12:21:44
85725-4	BCB 7471 261384	0.9844	0.3027	31 Dec 2012 12:24:09
LB	BCB 7471 261384	0.0209	2.7992	31 Dec 2012 12:26:34
86032-1	BCB 7471 261384	0.2653	1.2583	31 Dec 2012 12:28:59
CCV		2.3259	0.5219	31 Dec 2012 12:31:24
CCB		0.0007	62.4986	31 Dec 2012 12:33:51
MB	BCB 7471 261379	0.0178	1.6432	31 Dec 2012 12:36:16
LCS	BCB 7471 261379	2.3541	1.0945	31 Dec 2012 12:38:42
85740-1	BCB 7471 261379	0.0752	0.8161	31 Dec 2012 12:41:07
85740-2	BCB 7471 261379	0.1289	0.4413	31 Dec 2012 12:43:32
85740-3	BCB 7471 261379	0.0522	1.0210	31 Dec 2012 12:45:58
85740-4	BCB 7471 261379	0.1090	0.3875	31 Dec 2012 12:48:25
85740-5	BCB 7471 261379	0.0690	0.3535	31 Dec 2012 12:50:51
85740-6	BCB 7471 261379	0.0524	0.7104	31 Dec 2012 12:53:16
85740-7	BCB 7471 261379	0.1410	0.3598	31 Dec 2012 12:55:43
85740-8	BCB 7471 261379	0.1670	1.5690	31 Dec 2012 12:58:08
CCV		2.1022	4.3607	31 Dec 2012 13:00:35
CCB		0.0041	8.6440	31 Dec 2012 13:03:01
85740-10	BCB 7471 261379	0.3829	0.2677	31 Dec 2012 13:05:26

Sample ID	Extended ID	Mean	RSD	Date
85740-11	BCB 7471 261379	0.3203	0.2168	31 Dec 2012 13:07:51
85740-12	BCB 7471 261379	0.3342	0.4639	31 Dec 2012 13:10:16
85740-13	BCB 7471 261379	0.2683	0.1092	31 Dec 2012 13:12:42
85740-13S	BCB 7471 261379	1.1252	0.4980	31 Dec 2012 13:15:07
85740-13SD	BCB 7471 261379	1.1649	0.2971	31 Dec 2012 13:17:32
85740-14	BCB 7471 261379	0.5936	0.1660	31 Dec 2012 13:19:58
85740-15	BCB 7471 261379	0.6701	0.5150	31 Dec 2012 13:22:24
85740-16	BCB 7471 261379	0.2629	0.8127	31 Dec 2012 13:24:50
CCV		2.4007	0.1145	31 Dec 2012 13:27:16
CCB		-0.0050	-24.6339	31 Dec 2012 13:29:41
85660-3	1/5 BCB 7470 261363	1.4736	0.3980	31 Dec 2012 13:34:36
MB	BCB 7471 261384	0.0109	5.8038	31 Dec 2012 13:37:00
85980-39	BCB 7471 261384	2.9298	0.1549	31 Dec 2012 13:39:25
85980-39S	BCB 7471 261384	2.0604	0.2988	31 Dec 2012 13:41:49
85980-39SD	BCB 7471 261384	2.6514	0.2952	31 Dec 2012 13:44:14
CCV		2.3612	0.5664	31 Dec 2012 13:46:39
CCB		0.0052	6.7508	31 Dec 2012 13:49:04
MB	BCB 245 261053	0.2132	2.0039	31 Dec 2012 13:55:45
LCS	BCB 245 261053	0.4372	0.0984	31 Dec 2012 13:58:10
LLCS	BCB 245 261053	2.1352	0.1695	31 Dec 2012 14:00:35
65666-1	BCB 245 261053	0.1793	0.1813	31 Dec 2012 14:03:00
65666-1S	BCB 245 261053	0.8851	0.2571	31 Dec 2012 14:05:25
65666-1SD	BCB 245 261053	0.8066	0.5016	31 Dec 2012 14:07:49
65667-1	BCB 245 261053	0.0534	0.3044	31 Dec 2012 14:10:14
85516-1	BCB 245 261053	0.3648	0.1179	31 Dec 2012 14:12:39
86036-1	1/10BCB 245 261053	-0.0562	-0.5210	31 Dec 2012 14:15:05
85941-1	1/10BCB 245 261053	-0.0667	-0.3655	31 Dec 2012 14:17:31
CCV		2.3836	0.3612	31 Dec 2012 14:19:57
CCB		0.0058	6.1451	31 Dec 2012 14:22:23
MB	BCB 245 261386	0.0351	0.6131	31 Dec 2012 14:24:47
LCS	BCB 245 261386	2.0272	0.2197	31 Dec 2012 14:27:13
LLCS	BCB 245 261386	0.1664	0.7389	31 Dec 2012 14:29:40
85982-1	BCB 245 261386	0.0107	23.9912	31 Dec 2012 14:32:05
85982-1S	BCB 245 261386	0.8486	0.8962	31 Dec 2012 14:34:30
85982-1SD	BCB 245 261386	0.8478	0.8999	31 Dec 2012 14:36:56
86116-1	BCB 245 261386	0.0062	2.2615	31 Dec 2012 14:39:21
85980-46	BCB 245 261386	0.0068	3.1625	31 Dec 2012 14:41:47
85619-1	BCB 245 261386	0.0156	4.5441	31 Dec 2012 14:44:12
MB	BCB 245 261053	0.2105	0.7711	31 Dec 2012 14:46:38
CCV		2.3957	0.5103	31 Dec 2012 14:49:04
CCB		-0.0031	-9.3242	31 Dec 2012 14:51:31
65666-1	BCB 245 261053	0.1778	0.1584	31 Dec 2012 14:53:56
LCS	BCB 245 261386	2.0556	0.6095	31 Dec 2012 14:56:22
CCV		2.3822	0.5493	31 Dec 2012 14:58:49
CCB		-0.0035	-8.4023	31 Dec 2012 15:01:15
CCV		2.3831	0.7783	31 Dec 2012 15:12:52
CCB		-0.0069	-4.2250	31 Dec 2012 15:15:18
MB	BCB 7471 261380	0.0720	0.2988	31 Dec 2012 15:17:43
LCS	BCB 7471 261380	2.5914	0.6550	31 Dec 2012 15:20:08
85831-1	BCB 7471 261380	0.8628	0.2497	31 Dec 2012 15:22:35
85831-2	BCB 7471 261380	0.7688	0.6417	31 Dec 2012 15:25:00
86021-3	BCB 7471 261380	2.0993	0.7109	31 Dec 2012 15:27:25
86021-3S	BCB 7471 261380	4.3976	0.2106	31 Dec 2012 15:29:51
86021-3SD	BCB 7471 261380	3.4060	0.4542	31 Dec 2012 15:32:16
86021-8	BCB 7471 261380	12.7651	0.6458	31 Dec 2012 15:34:43
86021-9	BCB 7471 261380	1.4727	0.3307	31 Dec 2012 15:37:09
86021-26	BCB 7471 261380	1.7693	0.5013	31 Dec 2012 15:39:36
CCV		2.3962	0.3231	31 Dec 2012 15:42:03
CCB		-0.0056	-8.8972	31 Dec 2012 15:44:29
86021-27	BCB 7471 261380	18.7670	0.4935	31 Dec 2012 15:46:54

Sample ID	Extended ID	Mean	RSD	Date
86021-28	BCB 7471 261380	1.9964	0.2085	31 Dec 2012 15:49:21
86021-30	BCB 7471 261380	1.3835	0.2217	31 Dec 2012 15:51:48
41641-3	BCB 7471 261380	0.7040	0.1814	31 Dec 2012 15:54:14
41641-4	BCB 7471 261380	-0.0062	-2.2747	31 Dec 2012 15:56:40
85612-1	BCB 7471 261380	0.5683	0.3677	31 Dec 2012 15:59:05
85612-3	BCB 7471 261380	0.3836	0.7343	31 Dec 2012 16:01:31
85612-2	BCB 7471 261380	0.3662	0.8689	31 Dec 2012 16:03:57
85612-4	BCB 7471 261380	0.4010	0.2681	31 Dec 2012 16:06:23
85706-1	BCB 7471 261380	0.2018	0.3440	31 Dec 2012 16:08:50
CCV		2.4358	0.1256	31 Dec 2012 16:11:15
CCB		-0.0023	-12.8484	31 Dec 2012 16:13:41
85706-2	BCB 7471 261380	0.3413	0.5367	31 Dec 2012 16:16:06
85706-3	BCB 7471 261380	0.3504	0.4793	31 Dec 2012 16:18:32
MB	BCB 7471 261381	0.1094	0.1966	31 Dec 2012 16:21:00
LCS	BCB 7471 261381	2.4326	0.1128	31 Dec 2012 16:23:26
85835-1	BCB 7471 261381	0.2274	0.1857	31 Dec 2012 16:25:53
85835-2	BCB 7471 261381	0.2070	0.2574	31 Dec 2012 16:28:19
85835-3	BCB 7471 261381	0.3215	0.4068	31 Dec 2012 16:30:46
85835-3S	BCB 7471 261381	1.1483	0.2330	31 Dec 2012 16:33:12
85835-3SD	BCB 7471 261381	1.2152	0.9443	31 Dec 2012 16:35:37
85835-4	BCB 7471 261381	0.3529	0.4982	31 Dec 2012 16:38:03
CCV		2.4559	0.2631	31 Dec 2012 16:40:28
CCB		-0.0010	-36.6432	31 Dec 2012 16:42:54
85835-5	BCB 7471 261381	0.4614	0.3005	31 Dec 2012 16:45:19
85835-6	BCB 7471 261381	0.4708	0.5596	31 Dec 2012 16:47:46
85835-7	BCB 7471 261381	0.4256	0.4491	31 Dec 2012 16:50:12
85835-8	BCB 7471 261381	0.2186	0.1932	31 Dec 2012 16:52:38
85835-9	BCB 7471 261381	0.3439	0.4951	31 Dec 2012 16:55:06
85835-11	BCB 7471 261381	0.4886	0.4084	31 Dec 2012 16:57:34
85835-12	BCB 7471 261381	0.3077	0.2795	31 Dec 2012 17:00:01
85835-13	BCB 7471 261381	0.2549	1.1599	31 Dec 2012 17:02:28
85835-14	BCB 7471 261381	0.3502	0.3418	31 Dec 2012 17:04:54
85835-15	BCB 7471 261381	0.1595	0.3566	31 Dec 2012 17:07:20
CCV		2.4322	0.4488	31 Dec 2012 17:09:46
CCB		-0.0029	-12.4067	31 Dec 2012 17:12:12
85835-16	BCB 7471 261381	0.5864	0.6059	31 Dec 2012 17:14:39
85835-17	BCB 7471 261381	0.4158	0.3991	31 Dec 2012 17:17:05
85835-18		0.2769	0.3666	31 Dec 2012 17:19:32
85835-19	BCB 7471 261381	0.3207	0.3314	31 Dec 2012 17:21:59
85835-20	BCB 7471 261381	0.2039	0.6416	31 Dec 2012 17:24:25
85835-21	BCB 7471 261381	0.3693	0.1008	31 Dec 2012 17:26:52
MB	BCB 7471 261383	0.2453	0.9480	31 Dec 2012 17:29:19
LCS	BCB 7471 261383	2.5577	0.3900	31 Dec 2012 17:31:46
85620-1	BCB 7471 261383	0.3018	0.3175	31 Dec 2012 17:34:13
85620-3	BCB 7471 261383	2.3106	0.2681	31 Dec 2012 17:36:39
CCV		2.3808	0.2084	31 Dec 2012 17:39:05
CCB		0.0255	0.5513	31 Dec 2012 17:41:32
85620-5	BCB 7471 261383	-0.0515	-0.5463	31 Dec 2012 17:43:58
85620-7	BCB 7471 261383	-0.0527	-0.4623	31 Dec 2012 17:46:24
85620-8	BCB 7471 261383	-0.0502	-0.4283	31 Dec 2012 17:48:50
85620-9	BCB 7471 261383	-0.0502	-1.2863	31 Dec 2012 17:51:16
85620-10	BCB 7471 261383	-0.0490	-1.1960	31 Dec 2012 17:53:43
85620-11	BCB 7471 261383	-0.0511	-0.3179	31 Dec 2012 17:56:09
85620-12	BCB 7471 261383	-0.0499	-0.5877	31 Dec 2012 17:58:35
85620-13	BCB 7471 261383	-0.0508	-1.0494	31 Dec 2012 18:01:02
85620-14	BCB 7471 261383	-0.0510	-0.2759	31 Dec 2012 18:03:29
85738-3	BCB 7471 261383	-0.0515	-0.7227	31 Dec 2012 18:05:56
CCV		(L)-0.0504	-0.6445	31 Dec 2012 18:08:23
CCB		-0.0498	-1.0190	31 Dec 2012 18:10:50
85738-5	BCB 7471 261383	-0.0492	-0.4373	31 Dec 2012 18:13:17

c12312012a

Method: Hg Norm2 Operator: Admin Date of Analysis: 31 Dec 2012 10:38:35

Sample ID	Extended ID	Mean	RSD	Date
85738-9	BCB 7471 261383	-0.0503	0.0000	31 Dec 2012 18:15:43
85738-12	BCB 7471 261383	-0.0505	-0.4828	31 Dec 2012 18:18:10
85738-15	BCB 7471 261383	-0.0491	-0.4383	31 Dec 2012 18:20:37
85886-8	BCB 7471 261383	-0.0507	-0.8011	31 Dec 2012 18:23:04
85886-9	BCB 7471 261383	-0.0519	-0.5427	31 Dec 2012 18:25:30
85886-10	BCB 7471 261383	-0.0492	-0.1651	31 Dec 2012 18:27:58
86061-1	BCB 7471 261383	-0.0502	-0.1619	31 Dec 2012 18:30:24
86061-1S	BCB 7471 261383	1.6922	0.1415	31 Dec 2012 18:32:50
86061-1SD	BCB 7471 261383	-0.0541	-0.3978	31 Dec 2012 18:35:17
CCV		(L)-0.0507	-0.2778	31 Dec 2012 18:37:44
CCB		-0.0516	-0.4168	31 Dec 2012 18:40:11
MB	BCB 7471 261382	-0.0511	-0.4206	31 Dec 2012 18:42:36
LCS	BCB 7471 261382	-0.0517	-1.2477	31 Dec 2012 18:45:03
41669-1	BCB 7471 261382	-0.0516	-0.3151	31 Dec 2012 18:47:31
41669-1S	BCB 7471 261382	-0.0493	-0.2856	31 Dec 2012 18:49:59
41669-1SD	BCB 7471 261382	-0.0499	-0.4312	31 Dec 2012 18:52:25
41669-2	BCB 7471 261382	-0.0506	-1.0542	31 Dec 2012 18:54:51
41669-3	BCB 7471 261382	-0.0506	-1.0542	31 Dec 2012 18:57:18
41669-4	BCB 7471 261382	-0.0518	-1.0296	31 Dec 2012 18:59:45
41669-5	BCB 7471 261382	-0.0496	-0.5672	31 Dec 2012 19:02:12
41669-6	BCB 7471 261382	-0.0513	-0.1584	31 Dec 2012 19:04:38
CCV		2.3557	0.6614	31 Dec 2012 19:07:06
CCB		0.0211	2.1437	31 Dec 2012 19:09:33
41669-7	BCB 7471 261382	0.9699	0.1468	31 Dec 2012 19:11:58
41669-8	BCB 7471 261382	0.0213	2.1206	31 Dec 2012 19:14:25
41669-9	BCB 7471 261382	4.0496	0.2880	31 Dec 2012 19:16:53
41669-10	BCB 7471 261382	0.0874	0.9661	31 Dec 2012 19:19:20
41669-11	BCB 7471 261382	3.3835	0.5228	31 Dec 2012 19:21:47
41669-12	BCB 7471 261382	0.4879	0.5055	31 Dec 2012 19:24:13
86021-8	1/10 BCB 7471 261380	1.3913	0.2670	31 Dec 2012 19:26:40
86021-9	BCB 7471 261380	1.4392	0.5336	31 Dec 2012 19:29:07
86021-27	1/10 BCB 7471 261380	1.8751	0.1014	31 Dec 2012 19:31:34
86021-28	BCB 7471 261380	1.9857	0.5775	31 Dec 2012 19:34:01
CCV		2.3801	0.2484	31 Dec 2012 19:36:28
CCB		0.0233	0.9209	31 Dec 2012 19:38:55
85516-1	BCB 245 261053	0.3001	0.3016	31 Dec 2012 19:41:21
CCV		2.3297	0.1134	31 Dec 2012 19:43:47
CCB		-0.0491	0.0000	31 Dec 2012 19:46:15

METALS BATCH WORKSHEET

Lab Name: TestAmerica Savannah Job No.: 680-85980-2

SDG No.: 68085980-2

Batch Number: 260769 Batch Start Date: 12/22/12 09:25 Batch Analyst: Lawhon, Jon

Batch Method: 200.7 Batch End Date: 12/24/12 07:51

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	MS lcs1cpi 00031	MS_LCS2_wk 00139	
MB 680-260769/1		200.7, 200.7 Rev 4.4			50 mL	50 mL			
LCS 680-260769/2		200.7, 200.7 Rev 4.4			50 mL	50 mL	0.5 mL	0.5 mL	
680-85980-B-46	121912-RB-SIEVE	200.7, 200.7 Rev 4.4	T	<2	50 mL	50 mL			
680-86038-C-1 MS		200.7, 200.7 Rev 4.4	T	<2	50 mL	50 mL	0.5 mL	0.5 mL	
680-86038-C-1 MSD		200.7, 200.7 Rev 4.4	T	<2	50 mL	50 mL	0.5 mL	0.5 mL	

Batch Notes	
Lot # of hydrochloric acid	13500
Lot # of Nitric Acid	L08022
Hood ID or number	FH10
Hot Block ID number	7
Oven, Bath or Block Temperature 1	98 Degrees C
Oven, Bath or Block Temperature 2	98 Degrees C
Pipette ID	ME6
ID number of the thermometer	MEHGWB2-C
Digestion Tube/Cup Lot #	1207143

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.: 680-85980-2

SDG No.: 68085980-2

Batch Number: 260659 Batch Start Date: 12/21/12 10:51 Batch Analyst: Moore, Ron A

Batch Method: 3050B Batch End Date: 12/21/12 15:22

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	MS lcs1cpi 00030	MS_LCS2_wk 00139	
MB 680-260659/1		3050B, 6010C		CALC NOT SET TO RUN	1.05 g	100 mL			
LCS 680-260659/2		3050B, 6010C		CALC NOT SET TO RUN	1.00 g	100 mL	1 mL	1 mL	
680-85980-C-39	CV0627A-CS	3050B, 6010C	T	CALC NOT SET TO RUN	1.04 g	100 mL			
680-85980-C-39 MS	CV0627A-CS	3050B, 6010C	T	CALC NOT SET TO RUN	1.03 g	100 mL	1 mL	1 mL	
680-85980-C-39 MSD	CV0627A-CS	3050B, 6010C	T	CALC NOT SET TO RUN	1.01 g	100 mL	1 mL	1 mL	

Batch Notes	
Analyst	RM
Balance ID	25
Blank Soil Lot Number	P-TEFONCH-00012
Hydrogen peroxide lot number	51283145
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	93 Degrees C
Pipette ID	PREP-23
Perform Calculation (0=No, 1=Yes)	0
Temperature	94 Degrees C
ID number of the thermometer	MEPREP_3
Digestion Tube/Cup Lot #	1202052-2130

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.: 680-85980-2

SDG No.: 68085980-2

Batch Number: 261590 Batch Start Date: 01/02/13 10:50 Batch Analyst: Umbehr, Uli

Batch Method: 245.1 Batch End Date: 01/04/13 16:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	InitialAmount	FinalAmount	Hg_Int_Cal 00086		
MB 680-261590/1		245.1, 245.1			50 mL	50 mL			
LCS 680-261590/2		245.1, 245.1			50 mL	50 mL	0.25 mL		
680-85982-R-1 MS		245.1, 245.1	T	<2	50 mL	50 mL	0.1 mL		
680-85982-R-1 MSD		245.1, 245.1	T	<2	50 mL	50 mL	0.1 mL		
680-85980-C-46	121912-RB-SIEVE	245.1, 245.1	T	<2	50 mL	50 mL			

Batch Notes	
Hydroxylamine Sulfate Lot Number	2834960
Hydroxylamine Hydrochloride Lot	2907399
Sulfuric Acid Lot Number	2844762
Lot # of hydrochloric acid	2844674
Lot # of Nitric Acid	2900088
Hood ID or number	WB2
Hot Block ID number	12
Potassium Persulfate Lot Number	2907187
Potassium Permanganate Lot Number	2907188
NaCL Lot #	2891381
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	11/30/12
Stannous Chloride Lot Number	2245647
SOP Number	ME028
Temperature	95 Degrees C
ID number of the thermometer	MEHgWB2-C
Digestion Tube/Cup Lot #	J151322-263-100

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.: 680-85980-2

SDG No.: 68085980-2

Batch Number: 261590 Batch Start Date: 01/02/13 10:50 Batch Analyst: Umbehr, Uli

Batch Method: 245.1 Batch End Date: 01/04/13 16:30

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.: 680-85980-2

SDG No.: 68085980-2

Batch Number: 261384 Batch Start Date: 12/29/12 18:56 Batch Analyst: Umbehr, Uli

Batch Method: 7471B Batch End Date: 12/29/12 19:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Hg_Int_Cal 00086			
MB 680-261384/1		7471B, 7471B		0.51 g	50 mL				
LCS 680-261384/2		7471B, 7471B		0.52 g	50 mL	0.25 mL			
680-85980-B-39	CV0627A-CS	7471B, 7471B	T	0.58 g	50 mL				
680-85980-B-39 MS	CV0627A-CS	7471B, 7471B	T	0.54 g	50 mL	0.1 mL			
680-85980-B-39 MSD	CV0627A-CS	7471B, 7471B	T	0.55 g	50 mL	0.1 mL			
LB 680-261384/23		7471B, 7471B		0.51 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.: 680-85980-2

SDG No.: 68085980-2

Batch Number: 261384 Batch Start Date: 12/29/12 18:56 Batch Analyst: Umbehr, Uli

Batch Method: 7471B Batch End Date: 12/29/12 19:45

Batch Notes	
Hydroxylamine Sulfate Lot Number	2834960
Hydroxylamine Hydrochloride Lot	2907399
Aqua Regia Lot Number	2907364
Balance ID	27
Blank Soil Lot Number	2021821
Sulfuric Acid Lot Number	2844762
Lot # of hydrochloric acid	2844674
Lot # of Nitric Acid	2900088
Hood ID or number	WB2
Hot Block ID number	12
Potassium Persulfate Lot Number	2907187
Potassium Permanganate Lot Number	2907188
NaCL Lot #	2891382
Nominal Amount Used	0.5 g
Oven, Bath or Block Temperature 1	94
Oven, Bath or Block Temperature 2	95
Pipette ID	ME1, ME7, ME10
Repittetor Volume Check	11/30/12
Stannous Chloride Lot Number	2245646
SOP Number	ME028
ID number of the thermometer	MEHgWB2-C
Digestion Tube/Cup Lot #	J151322-263-100
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.

Shipping and Receiving Documents

Serial Number 62479 .

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 Ave Removal		

TAL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Lisa Harvey	2005148-1356	

CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX

CLIENT NAME	CLIENT E-MAIL
OTIF	

CLIENT ADDRESS

COMPANY CONTRACTING THIS WORK (if applicable)

PAGE 4 OF 4

STANDARD REPORT DELIVERY ◯

DATE DUE _____

EXPEDITED REPORT DELIVERY (SURCHARGE) ◯

DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

REQUIRED ANALYSIS

PRESERVATIVE: 4 Deg C; RLAB Metals

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS
12-17-12	08:40	CV0016A-CS	C		X			X										
	08:50	CV0016B-GS	G		X			X										
	0915	CV0027A-CS	C		X			X	X									
	0925	CV0627B-GS	G		X			X										
	0950	HP0190A-CS-SP	C		X			X										
	1000	HP0190B-CS-SP	C		X			X										
	1015	HP0190C-CS-SP	C		X			X										
	0900	CV0451A-CS-SP	C		X			X										
	0915	CV0451B-CS-SP	C		X			X										
	1200	121912-RB-Steve		X				X	X									
	0915	CV0627A-CS (Screed)	C		X				X									

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12-19-12	1300						

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]	12/20/12	1027	YES ◯ NO ◯		680-85980	4.2°

TAL8240-680 (1008)

Login Sample Receipt Checklist

Client: Oneida Total Integrated Enterprises LLC

Job Number: 680-85980-2
SDG Number: 68085980-2

Login Number: 85980
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	One cooler missing.
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.	False	-29: broken jar, contents recovered. Water sample had a broken liter.
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	