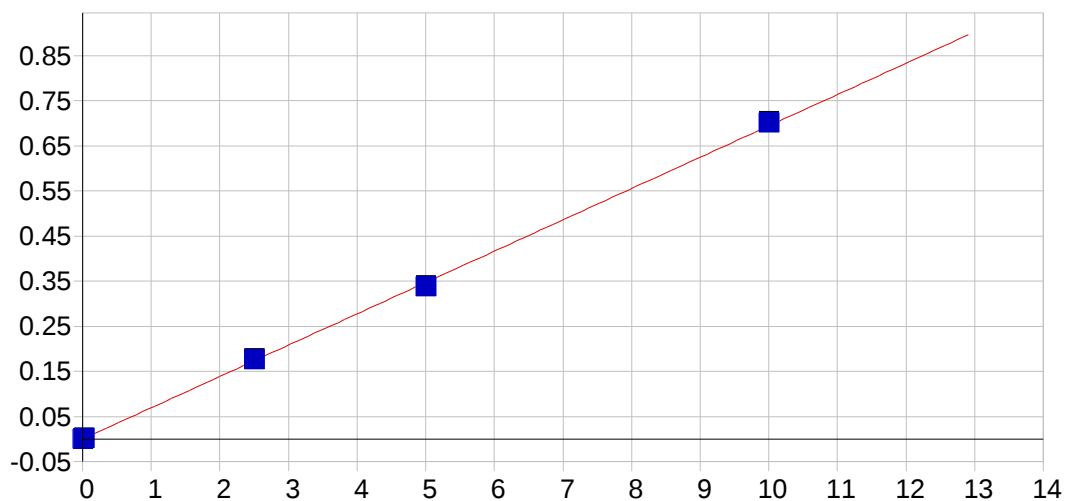


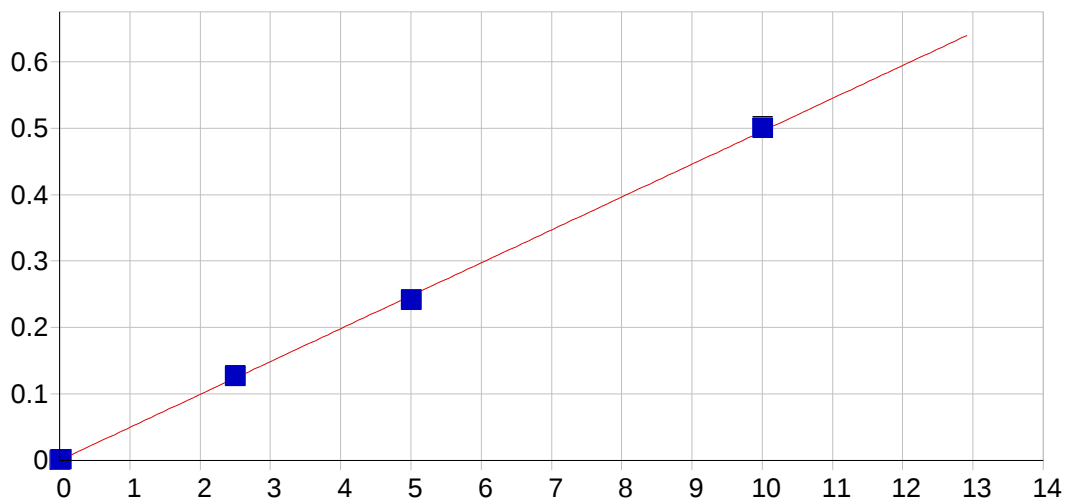


As 189.042 {478}

Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000176 Re-Slope: 1.000000
 A1 (Gain): 0.069459 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999842 Status: OK.
 Std Error of Est: 0.000030
 Predicted MDL: 0.002672
 Predicted MQL: 0.008907

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00018	.000	1
S1	.02000	.02169	.002	8.45	.00133	.000	1
S3	2.5000	2.5357	.036	1.43	.17594	.001	1
S4	5.0000	4.8611	-.139	-2.78	.33745	.001	1
S5	10.000	10.102	.102	1.02	.70142	.002	1



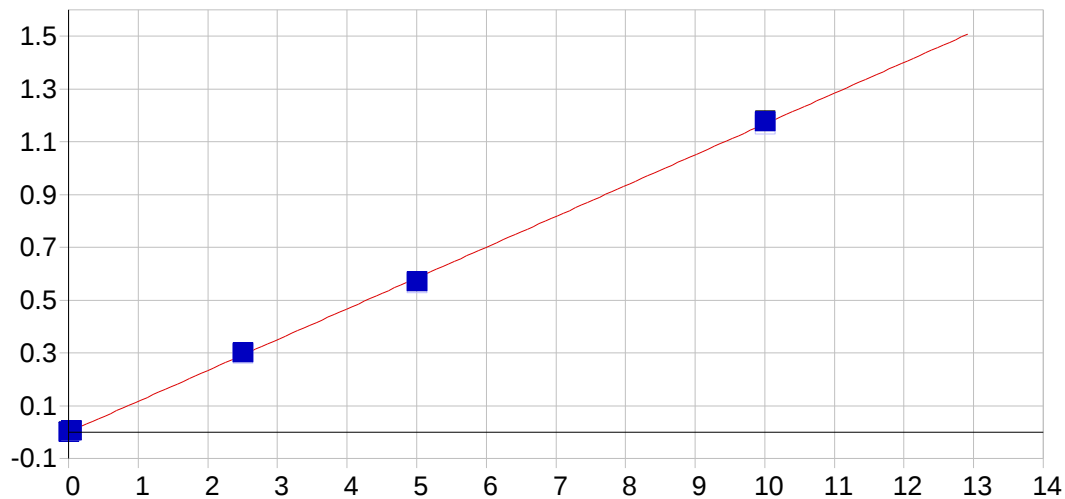
As 189.042 {479}

Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000320 Re-Slope: 1.000000

A1 (Gain): 0.049498 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999831 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.002408
 Predicted MQL: 0.008025

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00032	.000	1
S1	.02000	.02174	.002	8.68	.00140	.000	1
S3	2.5000	2.5447	.045	1.79	.12628	.001	1
S4	5.0000	4.8578	-.142	-2.84	.24078	.001	1
S5	10.000	10.096	.096	.958	.50005	.001	1

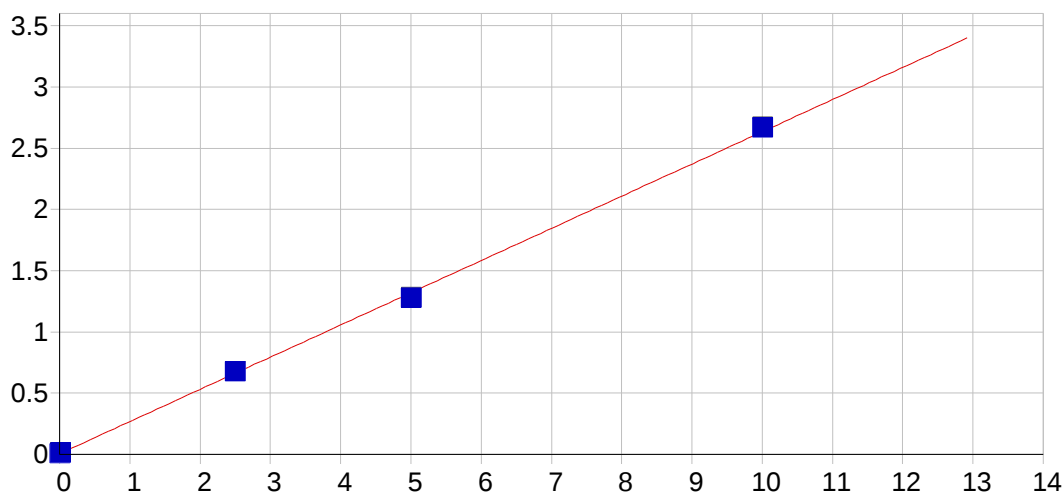


TI 190.856 {477}

Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000042 Re-Slope: 1.000000
 A1 (Gain): 0.116738 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999840 Status: OK.
 Std Error of Est: 0.000071
 Predicted MDL: 0.001215
 Predicted MQL: 0.004051

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.04000	.04170	.002	4.25	.00470	.000	1
S3	2.5000	2.5619	.062	2.48	.29604	.001	1
S4	5.0000	4.8689	-.131	-2.62	.56236	.001	1
S5	10.000	10.068	.068	.675	1.1633	.002	1

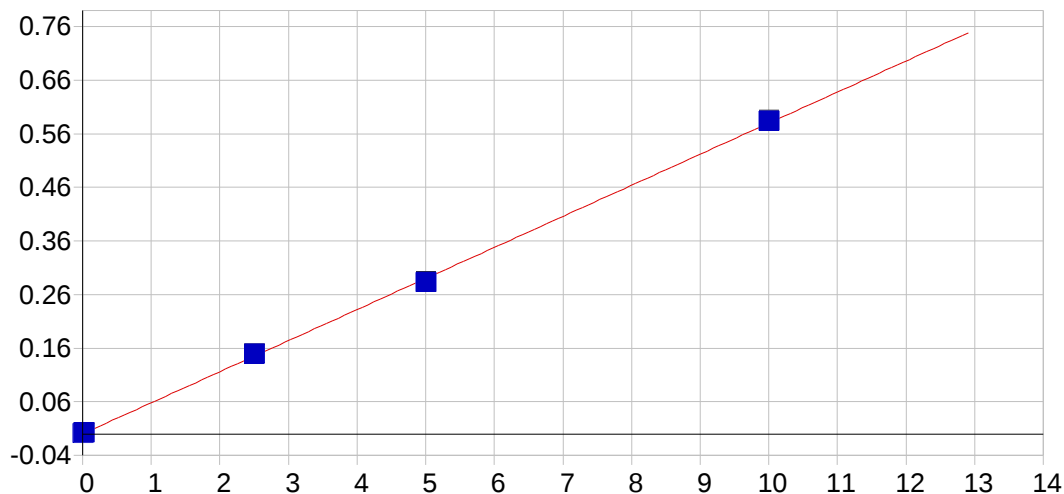


Pb 220.353 {453}

Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005276 Re-Slope: 1.000000
 A1 (Gain): 0.262823 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999789 Status: OK.
 Std Error of Est: 0.000101
 Predicted MDL: 0.000922
 Predicted MQL: 0.003072

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00528	.000	1
S1	.01200	.01104	-.001	-8.01	.00812	.000	1
S3	2.5000	2.5380	.038	1.52	.67155	.001	1
S4	5.0000	4.8391	-.161	-3.22	1.2755	.001	1
S5	10.000	10.124	.124	1.24	2.6629	.003	1



Se 196.090 {472}

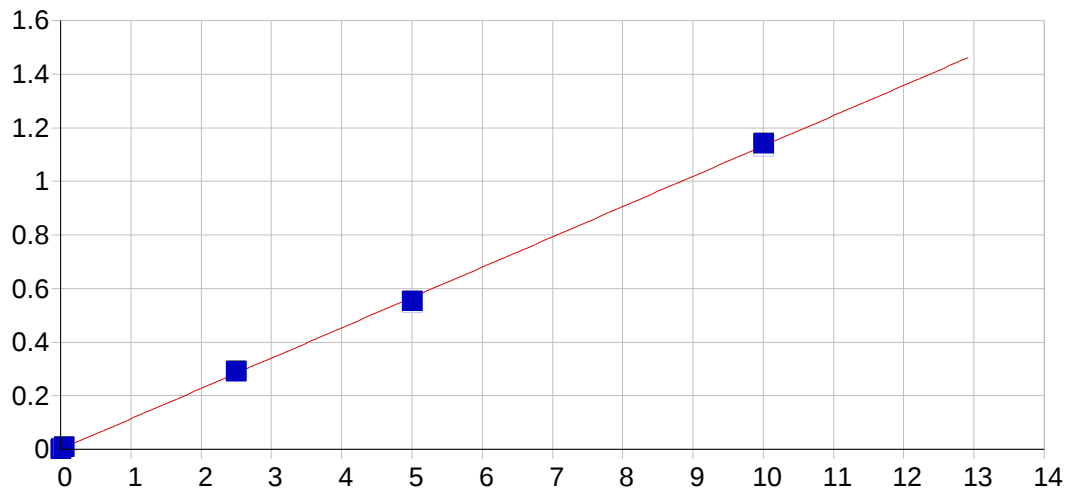
Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000038 Re-Slope: 1.000000
 A1 (Gain): 0.057978 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860
 Std Error of Est: 0.000023
 Predicted MDL: 0.002873
 Predicted MQL: 0.009577

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.02000	.02084	.001	4.20	.00125	.000	1
S3	2.5000	2.5556	.056	2.23	.14818	.000	1
S4	5.0000	4.8742	-.126	-2.52	.28257	.001	1
S5	10.000	10.069	.069	.693	.58370	.000	1



Sb 206.833 {463}

Date of Fit: 6/5/2019 17:12:20

Type of Fit: Linear

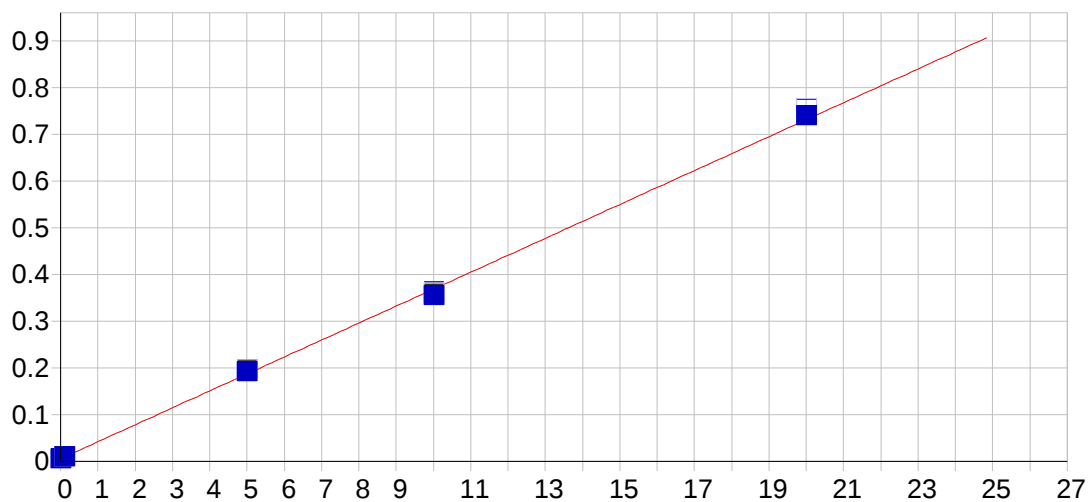
Weighting: 1/Conc

A0 (Offset): 0.000701
 A1 (Gain): 0.113096
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999840
 Std Error of Est: 0.000077
 Predicted MDL: 0.001842
 Predicted MQL: 0.006141

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00070	.000	1
S1	.05000	.05198	.002	3.96	.00644	.000	1
S3	2.5000	2.5582	.058	2.33	.28685	.001	1
S4	5.0000	4.8670	-.133	-2.66	.54478	.001	1
S5	10.000	10.073	.073	.728	1.1272	.002	1

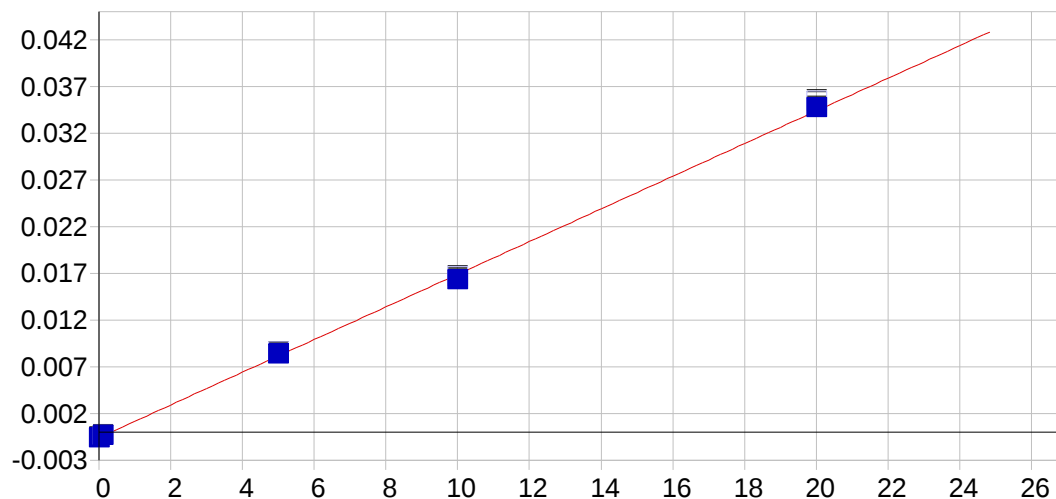


AI 308.215 {109}

Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005804 Re-Slope: 1.000000
 A1 (Gain): 0.036265 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999708 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.002618
 Predicted MQL: 0.008725

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00580	.000	1
S1	.10000	.10538	.005	5.38	.00988	.000	1
S3	5.0000	5.1409	.141	2.82	.19585	.000	1
S4	10.000	9.6212	-.379	-3.79	.36194	.002	1
S5	20.000	20.232	.232	1.16	.75398	.000	1



AI 309.271 {109}

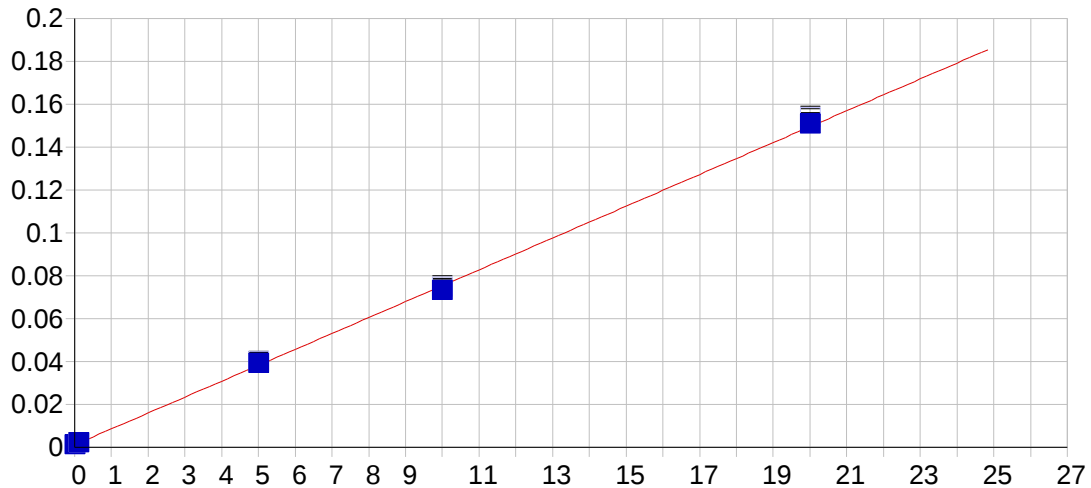
Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000573 Re-Slope: 1.000000
 A1 (Gain): 0.001748 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999651
 Std Error of Est: 0.000004
 Predicted MDL: 0.036315
 Predicted MQL: 0.121051

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00057	.000	1
S1	.10000	.12763	.028	27.6	-.00034	.000	1
S3	5.0000	5.1174	.117	2.35	.00854	.000	1
S4	10.000	9.6417	-.358	-3.58	.01663	.000	1
S5	20.000	20.212	.212	1.06	.03545	.000	1



AI 396.152 { 85}

Date of Fit: 6/5/2019 17:12:20

Type of Fit: Linear

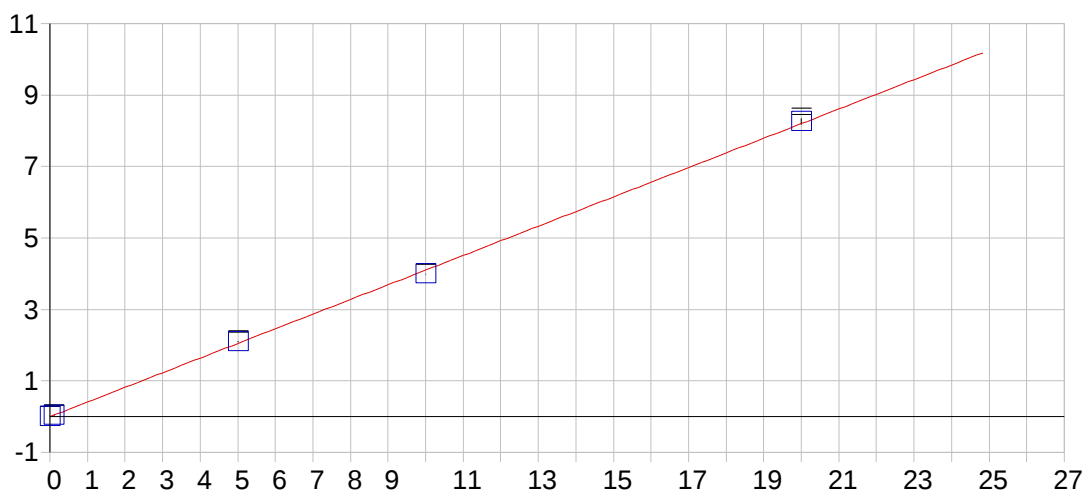
Weighting: 1/Conc

A0 (Offset): 0.001175
 A1 (Gain): 0.007418
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999813
 Std Error of Est: 0.000011
 Predicted MDL: 0.014462
 Predicted MQL: 0.048207

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00117	.000	1
S1	.10000	.10621	.006	6.21	.00201	.000	1
S3	5.0000	5.1207	.121	2.41	.03990	.000	1
S4	10.000	9.7016	-.298	-2.98	.07462	.001	1
S5	20.000	20.171	.171	.856	.15377	.001	1

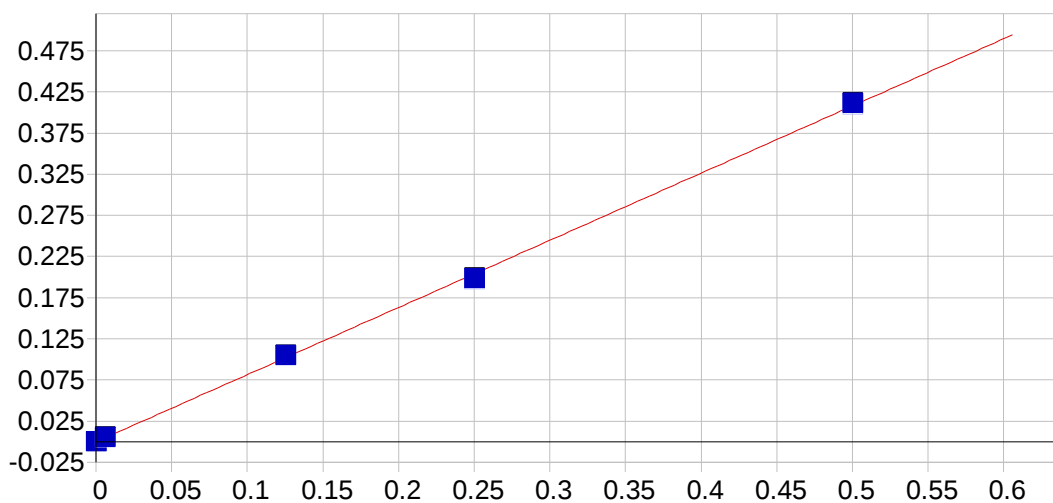


Ba 493.409 { 68}

Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001331 Re-Slope: 1.000000
 A1 (Gain): 0.410082 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849 Status: OK.
 Std Error of Est: 0.000544
 Predicted MDL: 0.000628
 Predicted MQL: 0.002093

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00133	.000	1
S1	.10000	.10304	.003	3.04	.04092	.000	1
S3	5.0000	5.1193	.119	2.39	2.0980	.010	1
S5	20.000	20.137	.137	.683	8.2563	.088	1
S4	10.000	9.7411	-.259	-2.59	3.9933	.010	1



Be 234.861 {144}

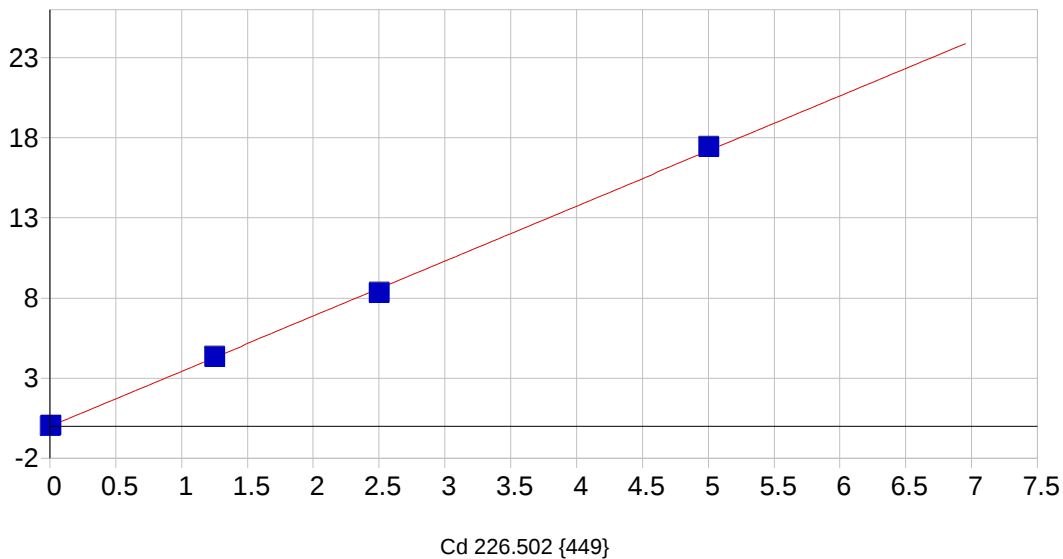
Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000176 Re-Slope: 1.000000
 A1 (Gain): 0.816183 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999795
 Std Error of Est: 0.000049
 Predicted MDL: 0.000075
 Predicted MQL: 0.000252

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00018	.000	1
S1	.00600	.00631	.000	5.22	.00493	.000	1
S3	.12500	.12829	.003	2.63	.10389	.001	1
S4	.25000	.24252	-.007	-2.99	.19648	.001	1
S5	.50000	.50388	.004	.777	.40852	.001	1



Date of Fit: 6/5/2019 17:12:20

Type of Fit: Linear

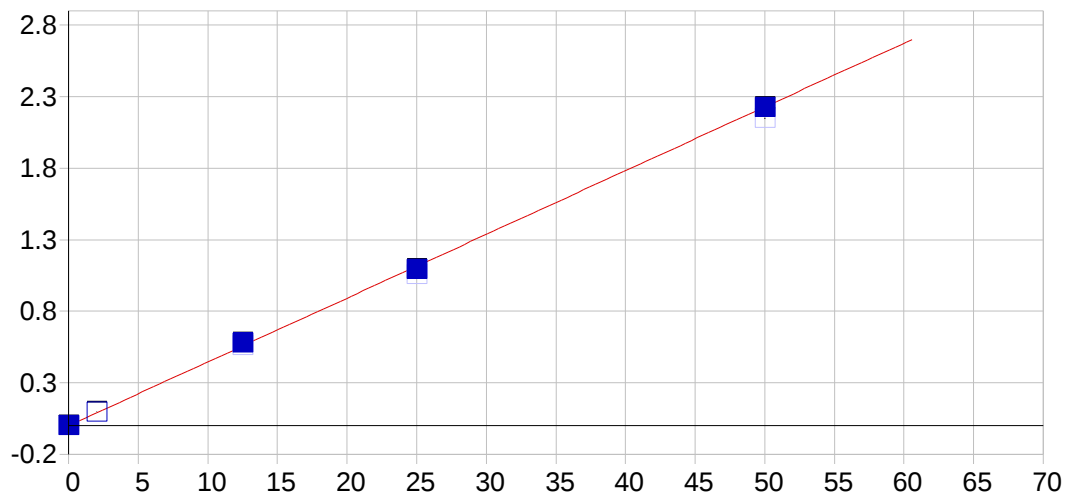
Weighting: 1/Conc

A0 (Offset): -0.001878
 A1 (Gain): 3.436488
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999797
 Std Error of Est: 0.000647
 Predicted MDL: 0.000080
 Predicted MQL: 0.000268

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00188	.000	1
S1	.00600	.00600	.000	.065	.01879	.000	1
S3	1.2500	1.2592	.009	.740	4.3265	.007	1
S4	2.5000	2.4209	-.079	-3.17	8.3194	.009	1
S5	5.0000	5.0699	.070	1.40	17.425	.015	1

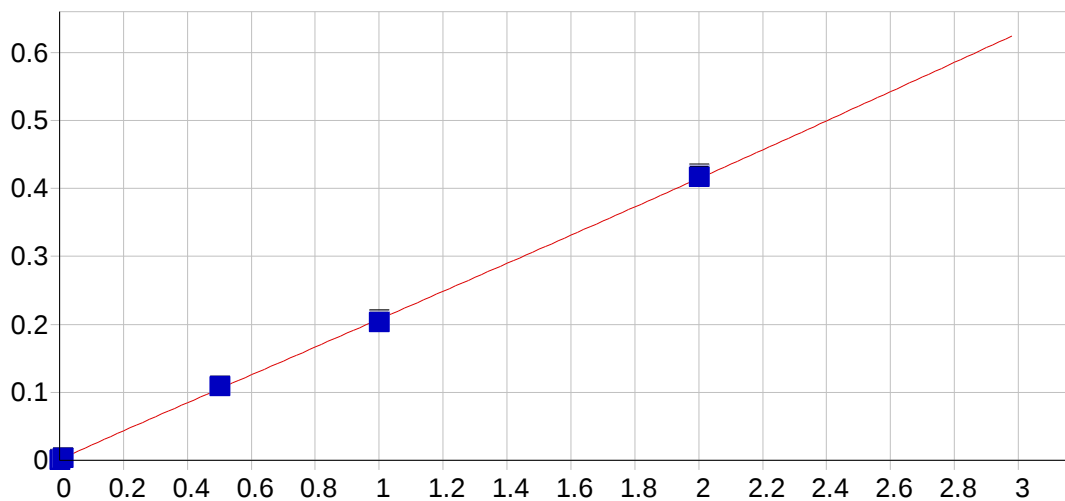


Ca 373.690 { 90}

Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000758 Re-Slope: 1.000000
 A1 (Gain): 0.044561 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999758 Status: OK.
 Std Error of Est: 0.000518
 Predicted MDL: 0.019244
 Predicted MQL: 0.064148

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1462	.146	7.31	.09639	.001	1
S0	.00000	-.00018	-.000	.000	.00075	.001	1
S3	12.500	12.989	.489	3.91	.56098	.002	1
S4	25.000	24.489	-.511	-2.04	1.0549	.005	1
S5	50.000	49.871	-.129	-.258	2.1488	.005	1



Cr 267.716 {126}

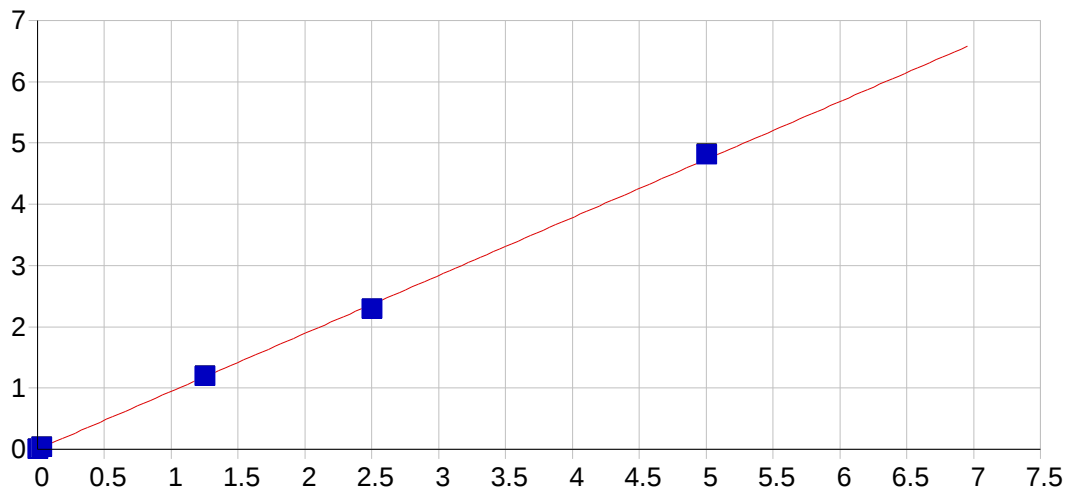
Date of Fit: 6/5/2019 17:12:20 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000416 Re-Slope: 1.000000
 A1 (Gain): 0.200757 Y-int: 0.000000

A2 (Curvature): 0.006283
 n (Exponent): 0.960000
 Correlation: 0.999840
 Std Error of Est: 0.000050
 Predicted MDL: 0.000423
 Predicted MQL: 0.001410

Status: Warning Positive Curvature

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00042	.000	1
S1	.01000	.00899	-.001	-10.1	.00261	.000	1
S3	.50000	.51613	.016	3.23	.10937	.000	1
S4	1.0000	.97773	-.022	-2.23	.20447	.002	1
S5	2.0000	2.0071	.007	.354	.41937	.001	1



Co 228.616 {447}

Date of Fit: 6/5/2019 17:12:20

Type of Fit: Linear

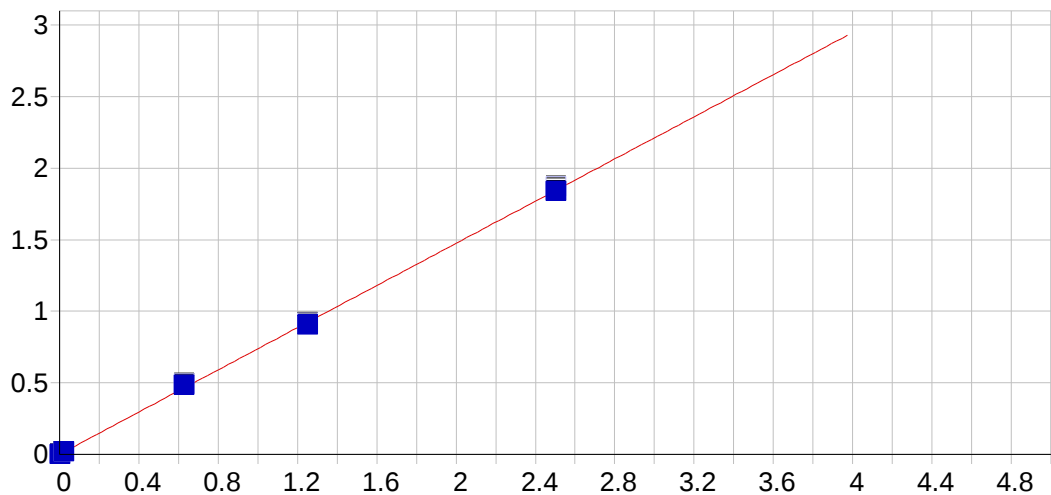
Weighting: 1/Conc

A0 (Offset): 0.000533
 A1 (Gain): 0.946064
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999755
 Std Error of Est: 0.000439
 Predicted MDL: 0.000240
 Predicted MQL: 0.000799

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00053	.000	1
S1	.03000	.02943	-.001	-1.89	.02819	.000	1
S3	1.2500	1.2581	.008	.650	1.1917	.001	1
S4	2.5000	2.4134	-.087	-3.46	2.2856	.005	1
S5	5.0000	5.0790	.079	1.58	4.8093	.006	1

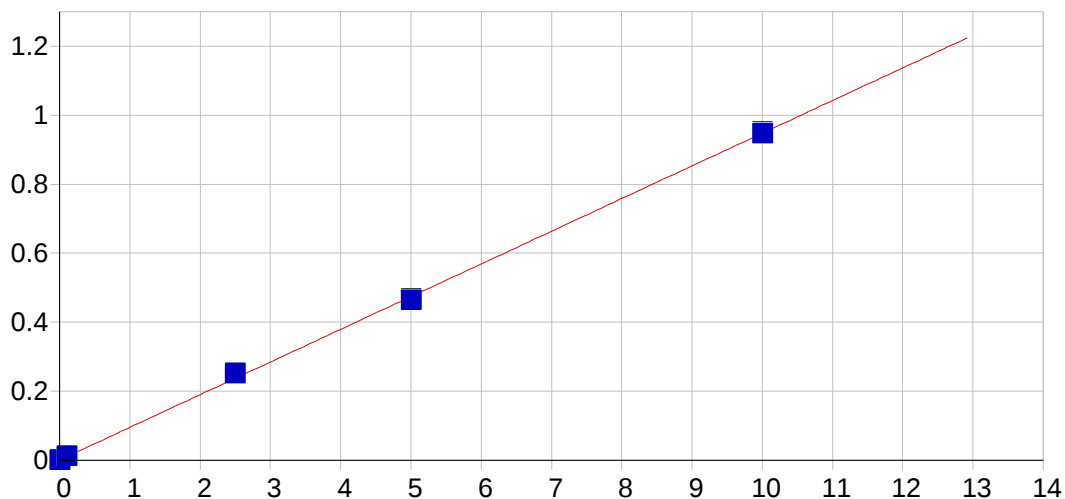


Cu 224.700 {450}

Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001399 Re-Slope: 1.000000
 A1 (Gain): 0.736904 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999752 Status: OK.
 Std Error of Est: 0.000202
 Predicted MDL: 0.000426
 Predicted MQL: 0.001421

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00140	.000	1
S1	.02000	.02175	.002	8.76	.01766	.000	1
S3	.62500	.65626	.031	5.00	.49245	.002	1
S4	1.2500	1.2247	-.025	-2.02	.91880	.004	1
S5	2.5000	2.4923	-.008	-.310	1.8677	.005	1



Fe 240.488 {140}

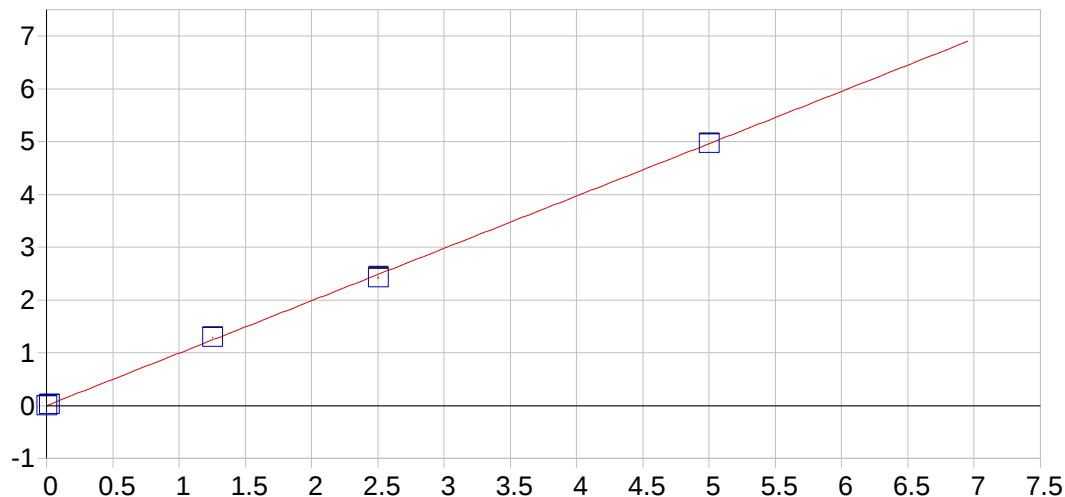
Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000811 Re-Slope: 1.000000
 A1 (Gain): 0.094690 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999676
 Std Error of Est: 0.000131
 Predicted MDL: 0.000718
 Predicted MQL: 0.002395

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00081	.000	1
S1	.10000	.10703	.007	7.03	.01099	.000	1
S3	2.5000	2.6413	.141	5.65	.25180	.000	1
S4	5.0000	4.8788	-.121	-2.42	.46456	.003	1
S5	10.000	9.9728	-.027	-.272	.94867	.002	1



Mn 257.610 {131}

Date of Fit: 6/5/2019 17:12:20

Type of Fit: Linear

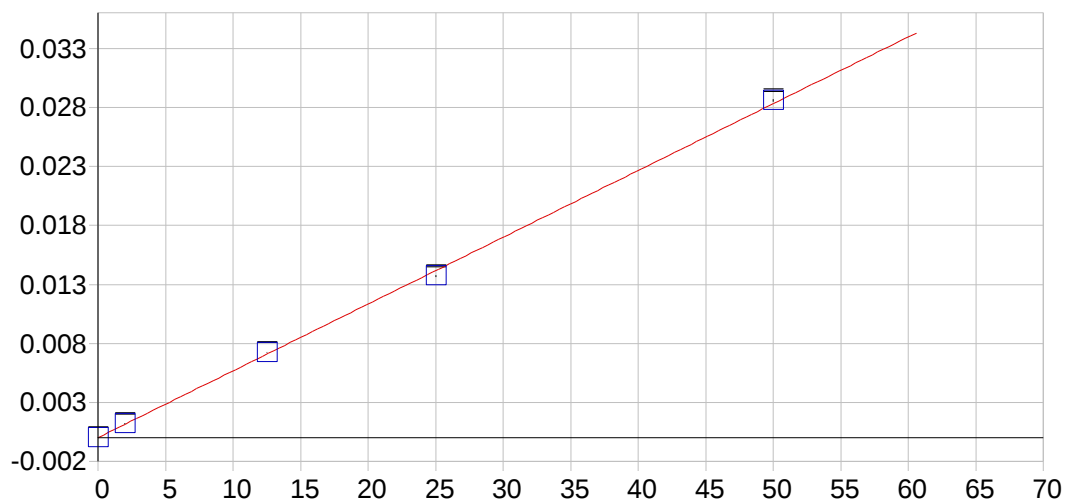
Weighting: 1/Conc

A0 (Offset): -0.000147
 A1 (Gain): 0.992341
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999774
 Std Error of Est: 0.000361
 Predicted MDL: 0.000074
 Predicted MQL: 0.000247

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00015	.000	1
S1	.02000	.02212	.002	10.6	.02180	.000	1
S3	1.2500	1.3051	.055	4.40	1.2949	.001	1
S4	2.5000	2.4425	-.058	-2.30	2.4236	.015	1
S5	5.0000	5.0004	.000	.007	4.9619	.010	1

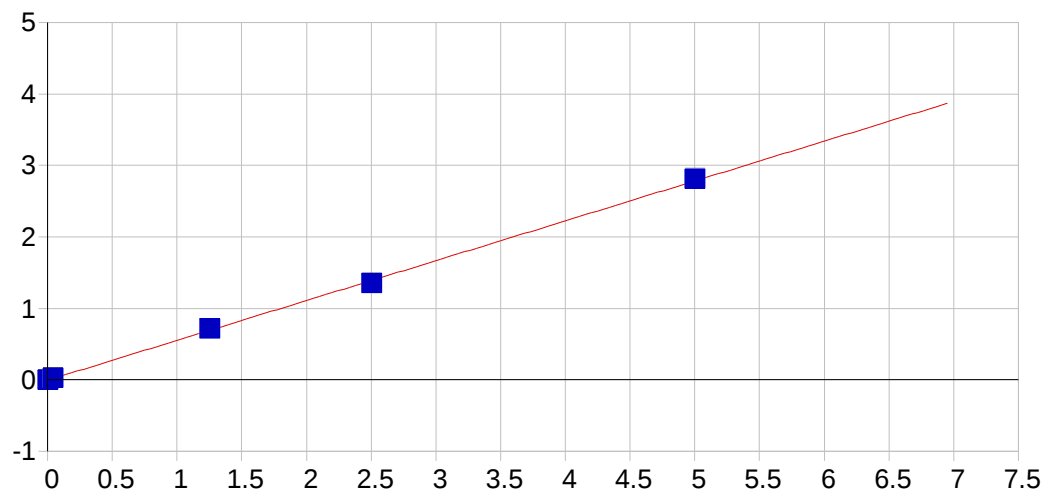


Mg 279.079 {121}

Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000015 Re-Slope: 1.000000
 A1 (Gain): 0.000566 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999782 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.055383
 Predicted MQL: 0.184609

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0734	.073	3.67	.00119	.000	1
S0	.00000	-.00007	-.000	.000	.00002	.000	1
S3	12.500	12.760	.260	2.08	.00724	.000	1
S4	25.000	24.189	-.811	-3.25	.01371	.000	1
S5	50.000	50.478	.478	.955	.02859	.000	1



Ni 231.604 {445}

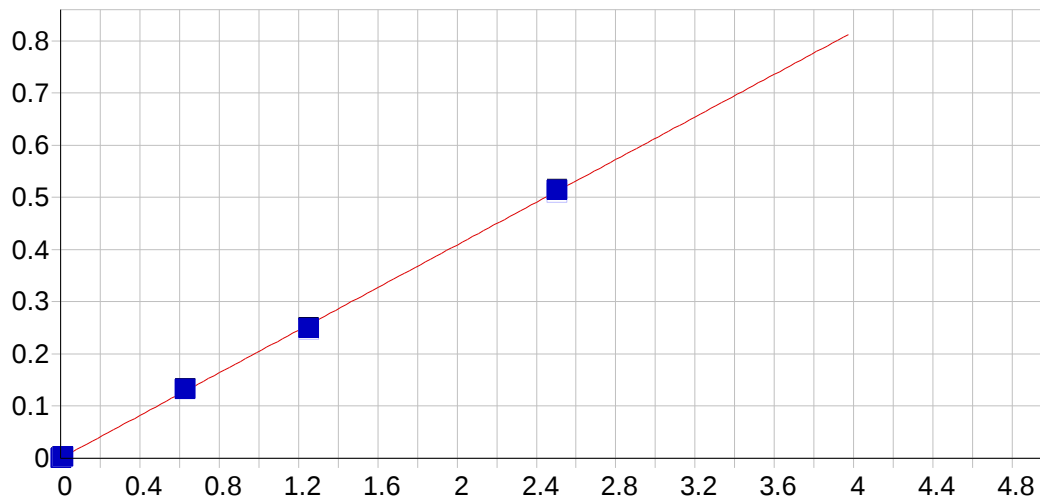
Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005414 Re-Slope: 1.000000
 A1 (Gain): 0.557547 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999798
 Std Error of Est: 0.000272
 Predicted MDL: 0.000426
 Predicted MQL: 0.001421

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00541	.000	1
S1	.04000	.04080	.001	2.01	.01735	.000	1
S3	1.2500	1.2787	.029	2.29	.70827	.000	1
S4	2.5000	2.4222	-.078	-3.11	1.3466	.004	1
S5	5.0000	5.0484	.048	.967	2.8123	.005	1



Ag 328.068 {103}

Date of Fit: 6/5/2019 17:12:20

Type of Fit: Linear

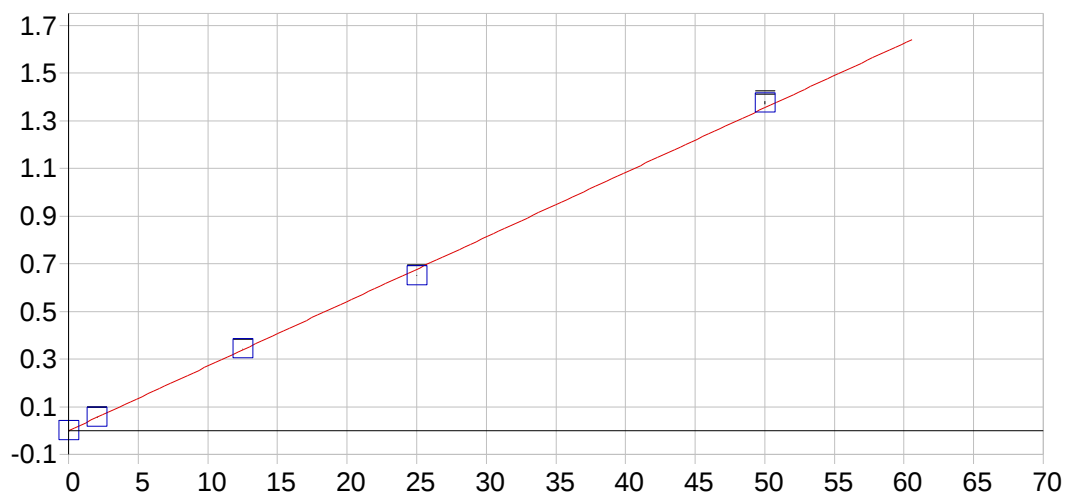
Weighting: 1/Conc

A0 (Offset): 0.000320
 A1 (Gain): 0.204374
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999782
 Std Error of Est: 0.000036
 Predicted MDL: 0.000621
 Predicted MQL: 0.002071

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00032	.000	1
S1	.01000	.01023	.000	2.27	.00237	.000	1
S3	.62500	.64662	.022	3.46	.13102	.000	1
S4	1.2500	1.2140	-.036	-2.88	.24552	.002	1
S5	2.5000	2.5141	.014	.566	.50833	.001	1

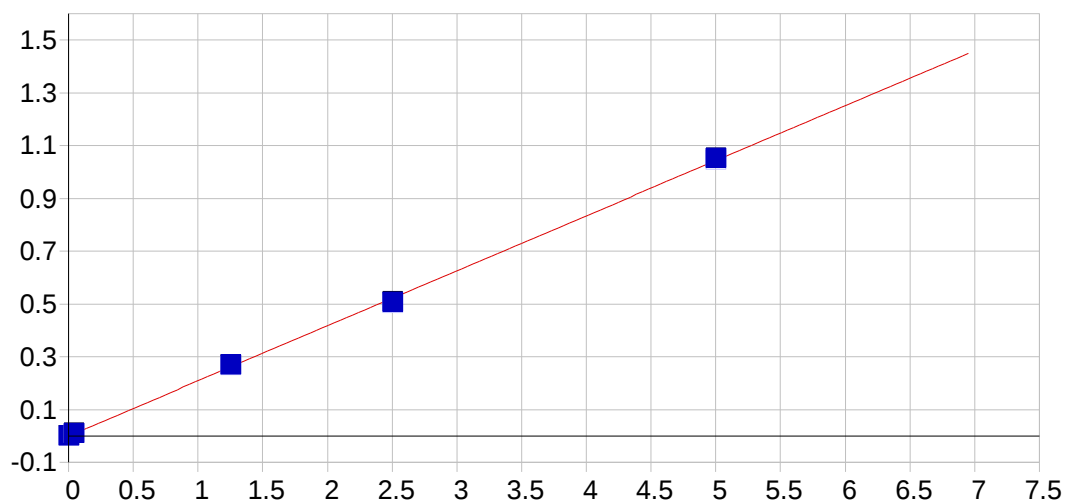


Na 589.592 { 57}

Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000278 Re-Slope: 1.000000
 A1 (Gain): 0.027084 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999674 Status: OK.
 Std Error of Est: 0.000377
 Predicted MDL: 0.010450
 Predicted MQL: 0.034833

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0971	.097	4.86	.05652	.000	1
S0	.00000	-.00007	-.000	.000	-.00028	.000	1
S3	12.500	12.626	.126	1.01	.34169	.002	1
S4	25.000	23.998	-1.00	-4.01	.64968	.002	1
S5	50.000	50.779	.779	1.56	1.3750	.006	1



V 292.402 {115}

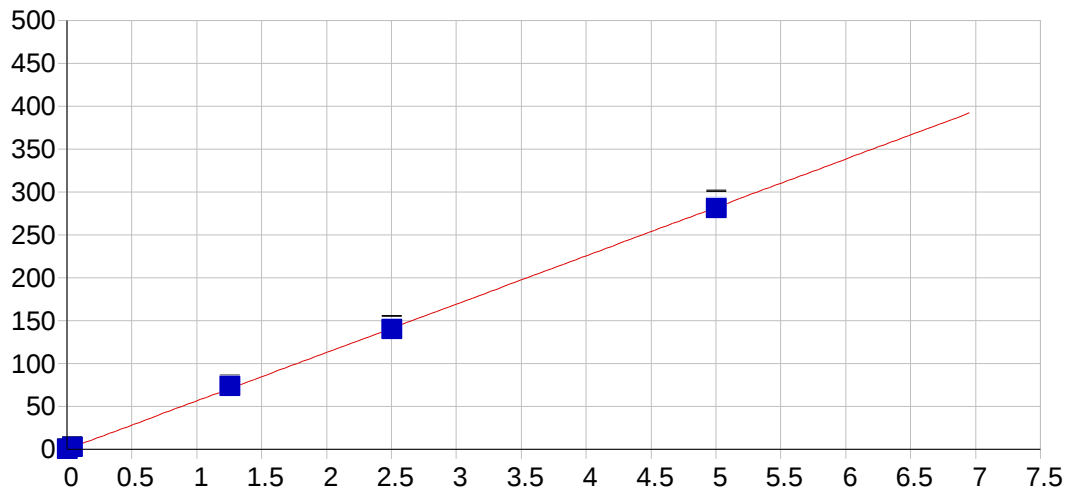
Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000038 Re-Slope: 1.000000
 A1 (Gain): 0.208557 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999796
 Std Error of Est: 0.000101
 Predicted MDL: 0.000467
 Predicted MQL: 0.001557

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00004	.000	1
S1	.04000	.04040	.000	1.00	.00833	.000	1
S3	1.2500	1.2856	.036	2.84	.26645	.000	1
S4	2.5000	2.4254	-.075	-2.98	.50247	.003	1
S5	5.0000	5.0386	.039	.772	1.0441	.001	1



Zn 206.200 {163}

Date of Fit: 6/5/2019 17:12:20

Type of Fit: Linear

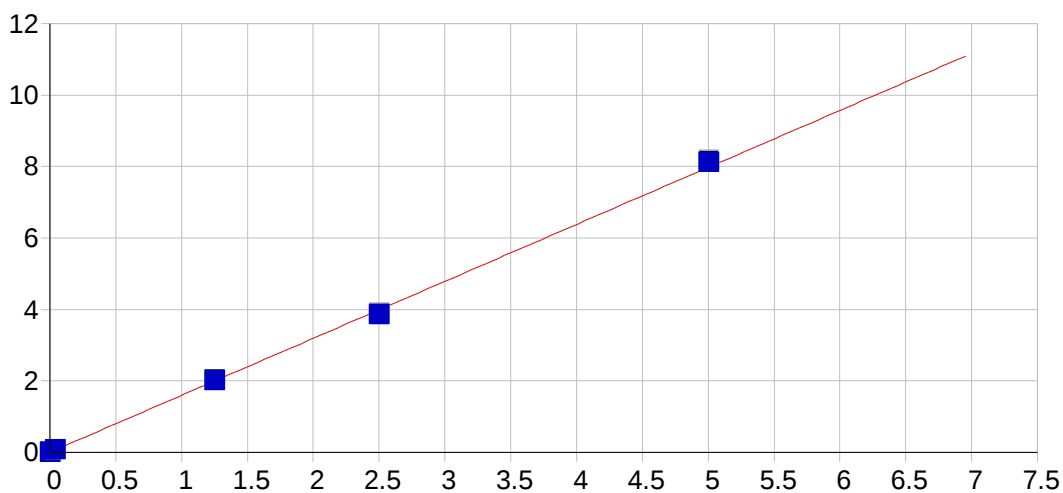
Weighting: 1/Conc

A0 (Offset): 0.064324
 A1 (Gain): 56.392660
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999845
 Std Error of Est: 0.024137
 Predicted MDL: 0.000412
 Predicted MQL: 0.001375

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.06405	.011	1
S1	.04000	.04394	.004	9.85	2.5570	.067	1
S3	1.2500	1.2994	.049	3.96	73.769	.700	1
S4	2.5000	2.4755	-.025	-.981	140.52	3.78	1
S5	5.0000	4.9711	-.029	-.577	282.11	8.43	1

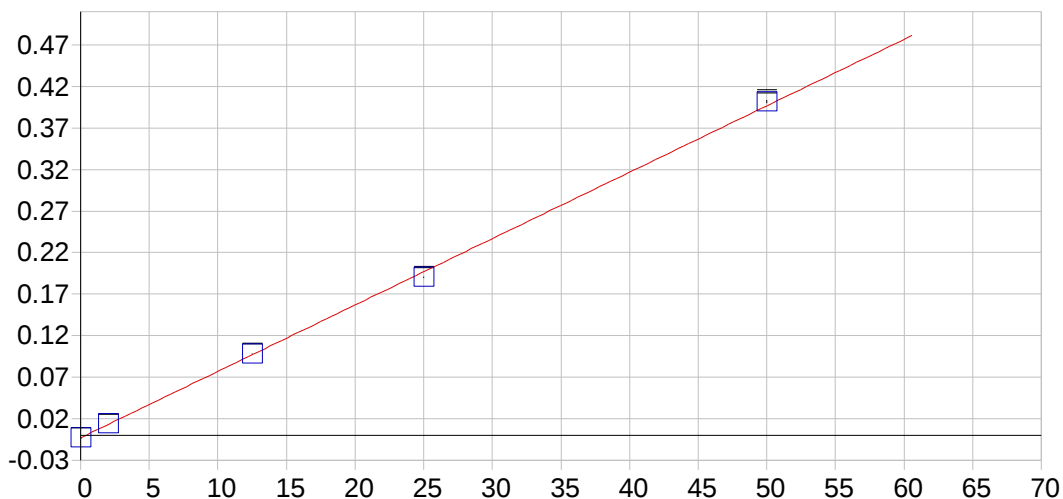


Zn 213.856 {458}

Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002717 Re-Slope: 1.000000
 A1 (Gain): 1.594405 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999737 Status: OK.
 Std Error of Est: 0.000890
 Predicted MDL: 0.000107
 Predicted MQL: 0.000357

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00272	.000	1
S1	.04000	.03877	-.001	-3.08	.06497	.000	1
S3	1.2500	1.2539	.004	.311	2.0146	.003	1
S4	2.5000	2.4113	-.089	-3.55	3.8727	.006	1
S5	5.0000	5.0861	.086	1.72	8.1629	.012	1



K 766.490 {44}

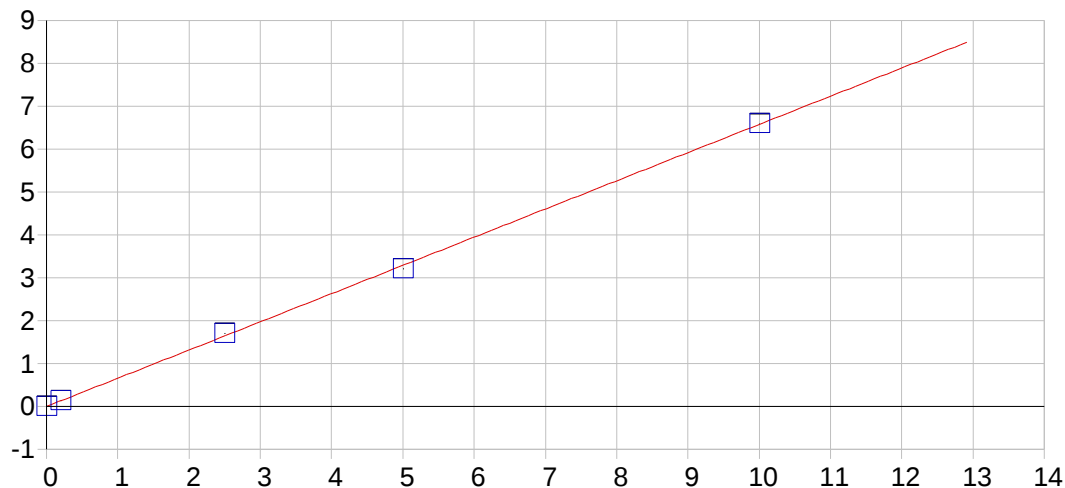
Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002839 Re-Slope: 1.000000
 A1 (Gain): 0.007990 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999789
 Std Error of Est: 0.000090
 Predicted MDL: 0.039994
 Predicted MQL: 0.133313

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0742	.074	3.71	.01373	.000	1
S0	.00000	-.00005	-.000	.000	-.00284	.000	1
S3	12.500	12.611	.111	.889	.09792	.000	1
S4	25.000	24.190	-.810	-3.24	.19044	.001	1
S5	50.000	50.624	.624	1.25	.40165	.002	1



Mo 202.030 {467}

Date of Fit: 6/5/2019 17:12:20

Type of Fit: Linear

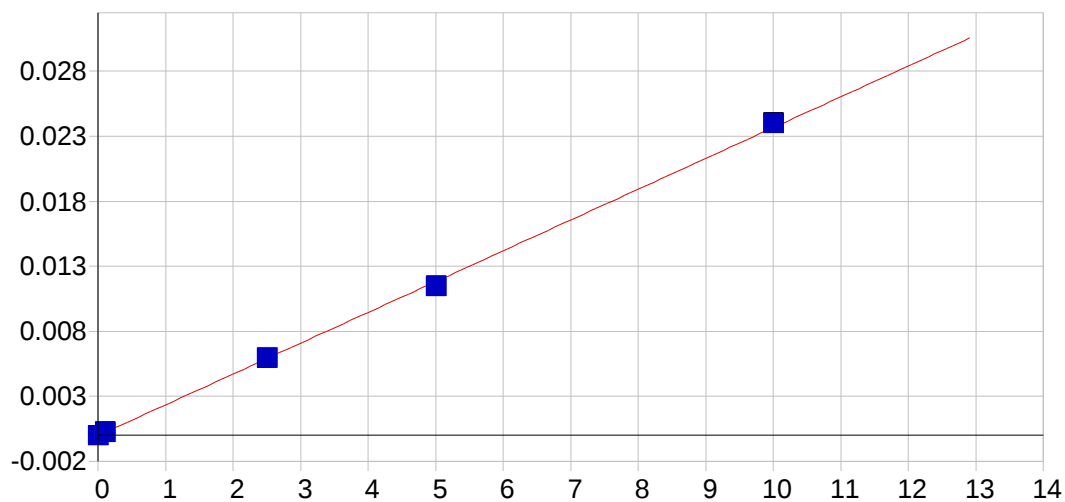
Weighting: 1/Conc

A0 (Offset): -0.000098
 A1 (Gain): 0.657711
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999806
 Std Error of Est: 0.000995
 Predicted MDL: 0.000290
 Predicted MQL: 0.000967

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00011	.000	1
S1	.20000	.21367	.014	6.83	.14043	.000	1
S3	2.5000	2.5867	.087	3.47	1.7012	.006	1
S4	5.0000	4.8797	-.120	-2.41	3.2093	.007	1
S5	10.000	10.020	.020	.200	6.5902	.010	1

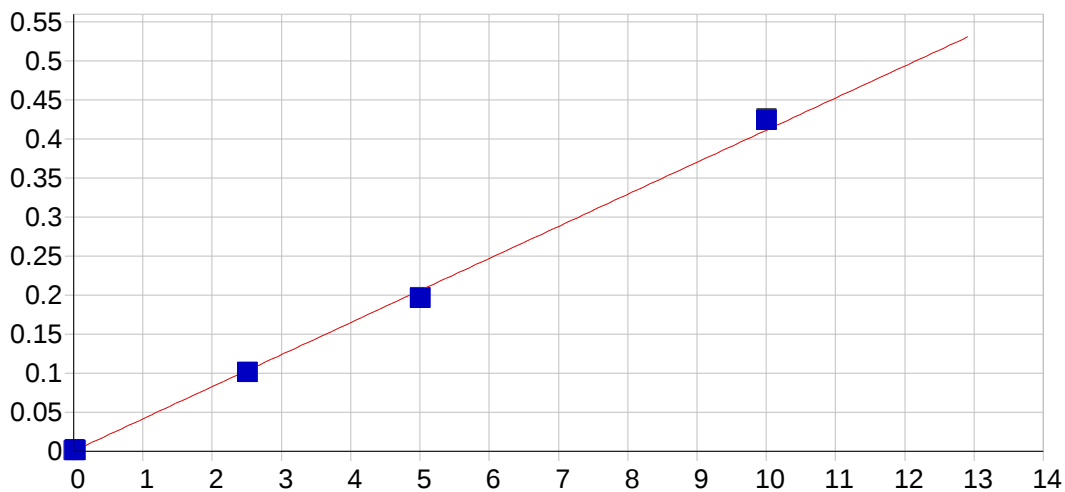


B 249.678 {135}

Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000020 Re-Slope: 1.000000
 A1 (Gain): 0.002368 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999795 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.012317
 Predicted MQL: 0.041056

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.10000	.10538	.005	5.38	.00023	.000	1
S3	2.5000	2.5132	.013	.527	.00592	.000	1
S4	5.0000	4.8433	-.157	-3.13	.01142	.000	1
S5	10.000	10.138	.138	1.38	.02394	.000	1



S 182.034 {485}

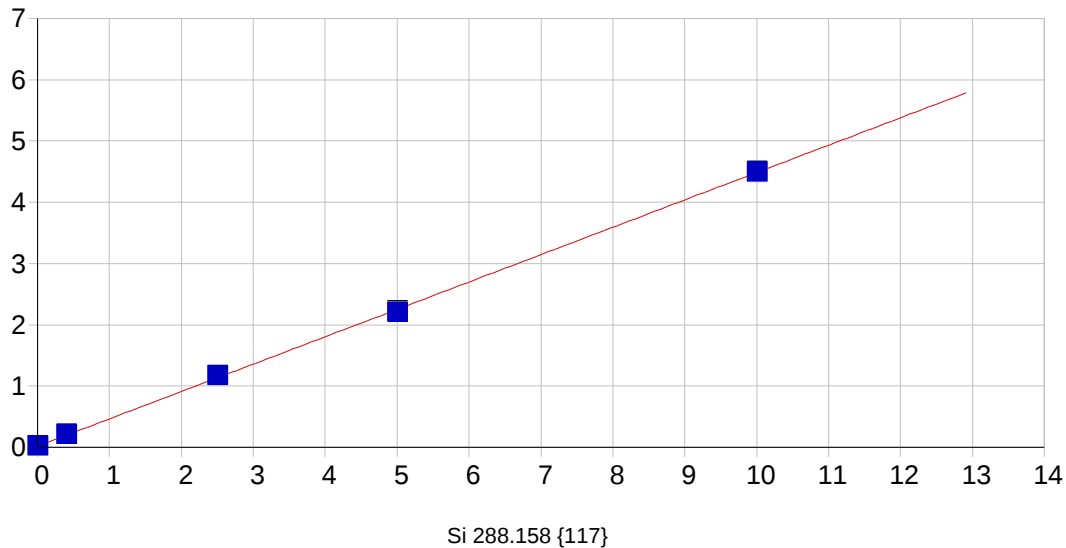
Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000589 Re-Slope: 1.000000
 A1 (Gain): 0.041083 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999324
 Std Error of Est: 0.000036
 Predicted MDL: 0.002854
 Predicted MQL: 0.009514

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00059	.000	1
S1	.02000	.01540	-.005	-23.0	.00120	.000	1
S3	2.5000	2.4360	-.064	-2.56	.10055	.000	1
S4	5.0000	4.7605	-.239	-4.79	.19593	.001	1
S5	10.000	10.308	.308	3.08	.42361	.001	1



Date of Fit: 6/5/2019 17:12:20

Type of Fit: Linear

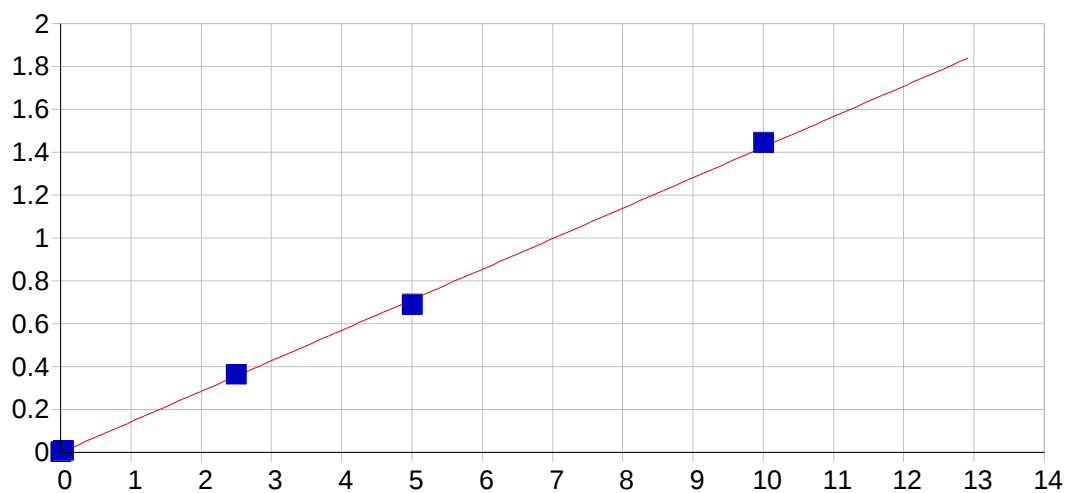
Weighting: 1/Conc

A0 (Offset): 0.017349
 A1 (Gain): 0.446778
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999826
 Std Error of Est: 0.000910
 Predicted MDL: 0.002482
 Predicted MQL: 0.008273

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01734	.000	1
S1	.40000	.42821	.028	7.05	.20851	.002	1
S3	2.5000	2.5711	.071	2.85	1.1655	.003	1
S4	5.0000	4.8948	-.105	-2.10	2.2031	.024	1
S5	10.000	10.006	.006	.058	4.4854	.015	1

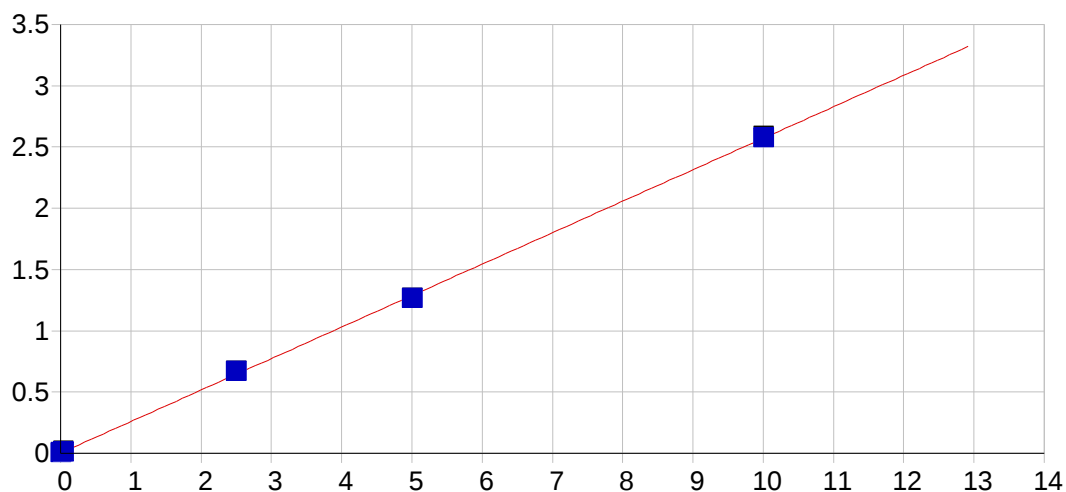


Sn 189.989 {477}

Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000066 Re-Slope: 1.000000
 A1 (Gain): 0.142337 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999767 Status: OK.
 Std Error of Est: 0.000105
 Predicted MDL: 0.000767
 Predicted MQL: 0.002555

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.04000	.03951	-.000	-1.23	.00569	.000	1
S3	2.5000	2.5342	.034	1.37	.36084	.000	1
S4	5.0000	4.8291	-.171	-3.42	.68755	.002	1
S5	10.000	10.137	.137	1.37	1.4432	.001	1



Ti 336.121 {100}

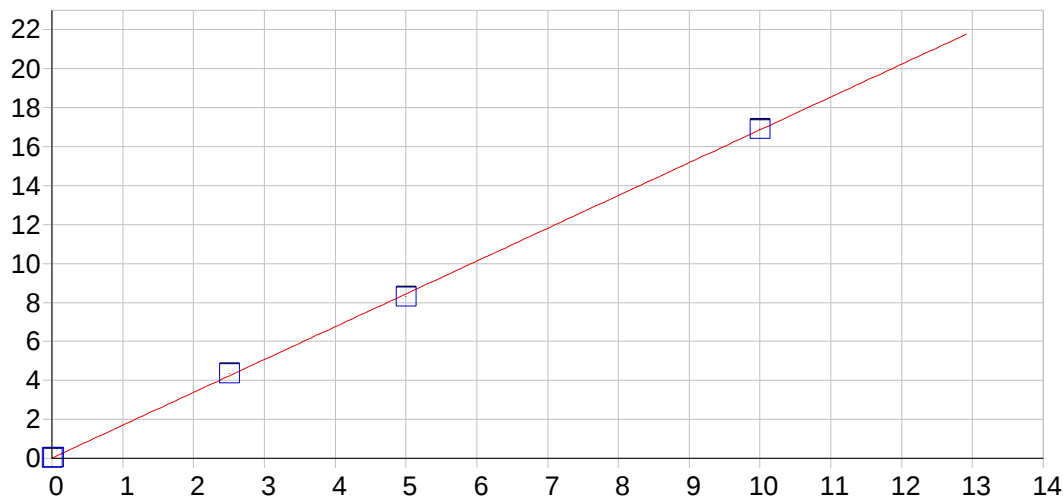
Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002746 Re-Slope: 1.000000
 A1 (Gain): 0.256870 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999862
 Std Error of Est: 0.000146
 Predicted MDL: 0.002371
 Predicted MQL: 0.007902

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00275	.001	1
S1	.04000	.03991	-.000	-.228	.01299	.000	1
S3	2.5000	2.5855	.085	3.42	.66680	.001	1
S4	5.0000	4.9025	-.098	-1.95	1.2619	.004	1
S5	10.000	10.012	.012	.121	2.5742	.012	1



Li 670.784 { 50}

Date of Fit: 6/5/2019 17:12:20

Type of Fit: Linear

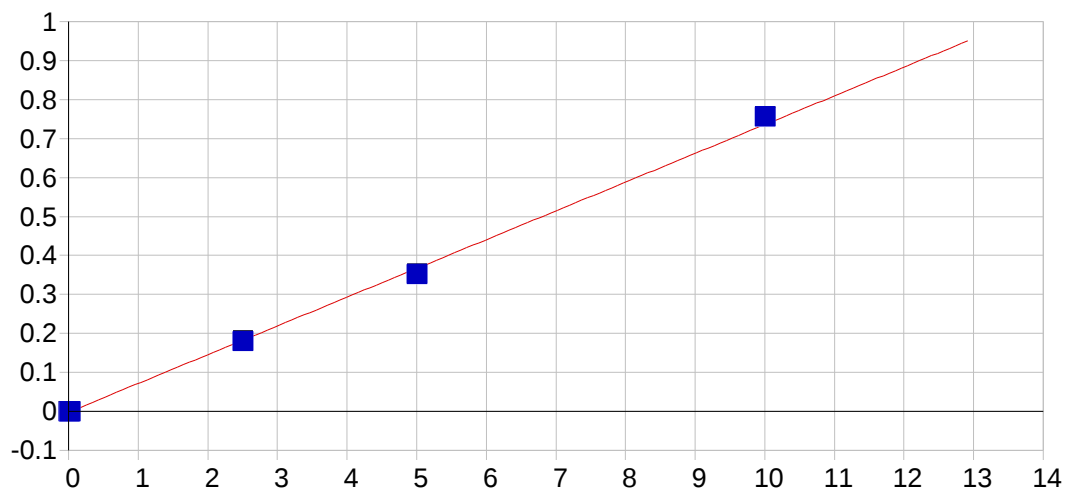
Weighting: 1/Conc

A0 (Offset): 0.014517
 A1 (Gain): 1.685004
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895
 Std Error of Est: 0.000589
 Predicted MDL: 0.001837
 Predicted MQL: 0.006123

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01452	.002	1
S1	.02000	.01845	-.002	-7.74	.04561	.001	1
S3	2.5000	2.5722	.072	2.89	4.3486	.015	1
S4	5.0000	4.9148	-.085	-1.70	8.2960	.017	1
S5	10.000	10.015	.015	.146	16.889	.030	1



P 177.495 {490}

Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002021 Re-Slope: 1.000000
 A1 (Gain): 0.073774 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999515 Status: OK.
 Std Error of Est: 0.000055
 Predicted MDL: 0.001566
 Predicted MQL: 0.005220

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00202	.000	1
S1	.02000	.01732	-.003	-13.4	-.00075	.000	1
S3	2.5000	2.4634	-.037	-1.47	.17944	.000	1
S4	5.0000	4.7825	-.217	-4.35	.35027	.001	1
S5	10.000	10.257	.257	2.57	.75360	.001	1



Y 224.306 {450}*

Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.000000 Y-int: 0.000000







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

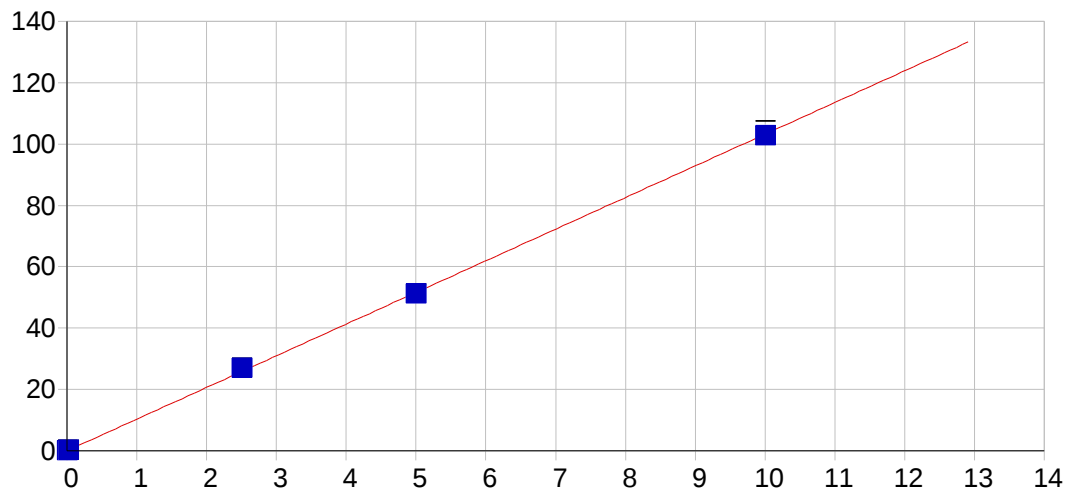
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sr 407.771 { 83}

Date of Fit: 6/5/2019 17:12:20

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001253

Re-Slope: 1.000000

A1 (Gain): 10.321666

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999851

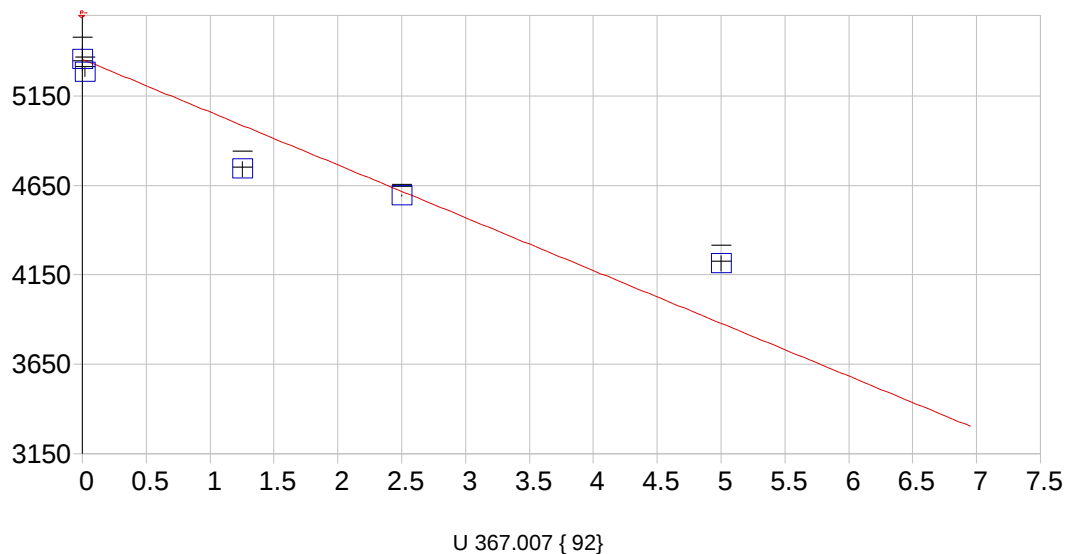
Status: OK.

Std Error of Est: 0.004302

Predicted MDL: 0.000117

Predicted MQL: 0.000389

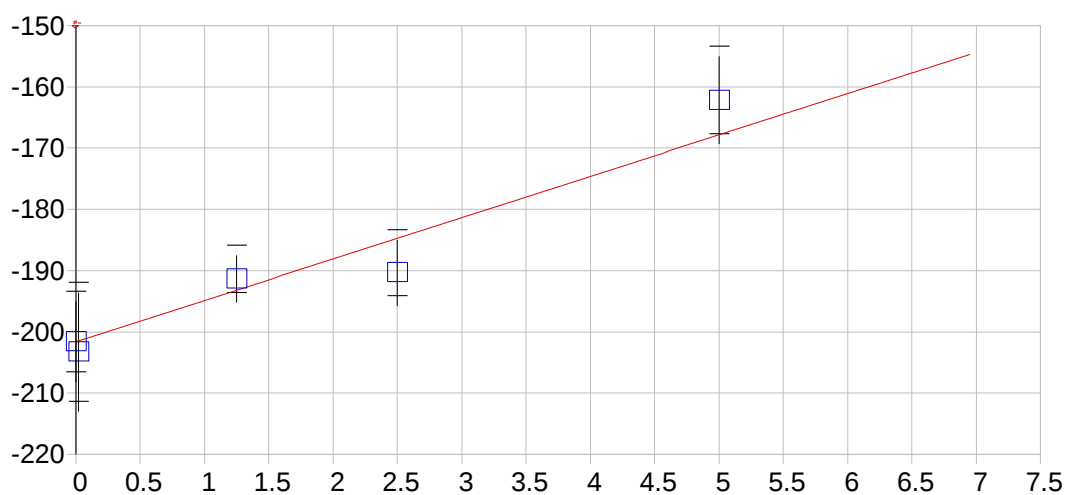
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00124	.001	1
S1	.02000	.02118	.001	5.88	.22097	.001	1
S3	2.5000	2.6037	.104	4.15	26.905	.048	1
S4	5.0000	4.9461	-.054	-1.08	51.110	.111	1
S5	10.000	9.9490	-.051	-.510	102.81	1.45	1



Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5354.459533 Re-Slope: 1.000000
A1 (Gain): -295.050032 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.850849 Status: Warning Negative Gain
Std Error of Est: 3.113503
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00023	-.000	.000	5354.5	67.4	1
S1	.02000	.24504	.225	1130.	5282.2	26.9	1
S3	1.2500	2.0784	.828	66.3	4741.2	44.6	1
S4	2.5000	2.5812	.081	3.25	4592.9	4.18	1
S5	5.0000	3.8654	-1.13	-22.7	4214.0	45.8	1



U 385.958 { 87}

Date of Fit: 6/5/2019 17:12:20 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -201.614032 Re-Slope: 1.000000
 A1 (Gain): 6.750859 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.825472 Status: OK.
 Std Error of Est: 0.078883
 Predicted MDL: 1.734665
 Predicted MQL: 5.782216

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00027	.000	.000	-201.61	6.63	1
S1	.02000	-.24921	-.269	-1350.	-203.30	9.75	1
S3	1.2500	1.5139	.264	21.1	-191.39	3.88	1
S4	2.5000	1.6677	-.832	-33.3	-190.36	5.36	1
S5	5.0000	5.8376	.838	16.8	-162.21	7.15	1

Sample Name: S0 Acquired: 6/5/2019 12:20:55 Type: Cal
Method: P4-ICP2(v3176) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00032	-.00004	.00528	.00004	.00070	.00117	-.00133	-.00018
Stddev	.00009	.00013	.00009	.00004	.00023	.00006	.00034	.00005
%RSD	28.320	308.00	1.6390	106.82	32.430	5.0317	25.143	30.600

#1	.00042	.00011	.00528	.00002	.00090	.00123	-.00101	-.00016
#2	.00030	-.00012	.00519	.00001	.00045	.00111	-.00131	-.00024
#3	.00024	-.00011	.00536	.00008	.00075	.00119	-.00168	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00188	.00075	.00042	.00053	.00140	.00081	-.00015	.00002
Stddev	.00004	.00110	.00007	.00004	.00010	.00001	.00004	.00003
%RSD	2.2812	147.27	16.252	7.9513	7.2915	.83455	29.946	163.51

#1	-.00184	.00030	.00048	.00054	.00135	.00081	-.00020	-.00001
#2	-.00193	.00201	.00035	.00049	.00132	.00080	-.00014	.00002
#3	-.00186	-.00006	.00042	.00057	.00151	.00082	-.00011	.00004

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00541	.00032	-.00028	.00004	.00272	-.00284	-.00011	-.00002
Stddev	.00016	.00006	.00029	.00013	.00011	.00005	.00017	.00001
%RSD	2.9754	17.464	104.36	330.60	3.8702	1.8883	156.54	26.179

#1	-.00558	.00037	-.00048	.00014	.00278	-.00289	.00008	-.00002
#2	-.00525	.00033	.00005	.00008	.00260	-.00278	-.00016	-.00002
#3	-.00541	.00026	-.00041	-.00010	.00278	-.00285	-.00025	-.00003

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00059	.01734	.00007	.00275	.01452	-.0020	.00124	5354.5
Stddev	.00008	.00027	.00005	.00109	.00231	.0001	.00057	67.4
%RSD	14.249	1.5329	77.857	39.768	15.903	5.523	45.740	1.2595

#1	.00068	.01764	.00012	.00397	.01563	-.0021	.00169	5430.2
#2	.00052	.01717	.00004	.00186	.01606	-.0020	.00060	5300.9
#3	.00057	.01720	.00003	.00241	.01186	-.0019	.00141	5332.4

Sample Name: S0 Acquired: 6/5/2019 12:20:55 Type: Cal
Method: P4-ICP2(v3176) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-201.61
Stddev	6.63
%RSD	3.2890

#1	-199.84
#2	-208.95
#3	-196.05

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4018.2	50292.	4504.2	62.381	4565.3
Stddev	12.1	110.	47.3	1.078	20.8
%RSD	.30096	.21810	1.0507	1.7284	.45495

#1	4005.9	50382.	4450.1	62.141	4541.7
#2	4030.1	50324.	4538.2	61.443	4580.8
#3	4018.7	50170.	4524.2	63.559	4573.4

Sample Name: S1 Acquired: 6/5/2019 12:25:21 Type: Cal
Method: P4-ICP2(v3176) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00140	.00470	.00812	.00125	.00644	.00201	.04092	.00493
Stddev	.00004	.00011	.00016	.00005	.00004	.00004	.00011	.00003
%RSD	2.6213	2.3971	2.0086	4.0566	.65411	2.1524	.27168	.59121

#1	.00136	.00462	.00793	.00130	.00649	.00197	.04104	.00496
#2	.00143	.00466	.00823	.00123	.00642	.00201	.04091	.00490
#3	.00139	.00483	.00820	.00121	.00641	.00206	.04082	.00492

Elem	Cd2265	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01879	.00261	.02819	.01766	.01099	.02180	.01735	.00237
Stddev	.00031	.00002	.00004	.00038	.00007	.00009	.00006	.00007
%RSD	1.6657	.86868	.12626	2.1759	.66291	.42595	.33235	3.1332

#1	.01881	.00258	.02817	.01810	.01105	.02188	.01728	.00245
#2	.01847	.00261	.02823	.01746	.01101	.02182	.01737	.00231
#3	.01910	.00263	.02817	.01741	.01091	.02170	.01739	.00235

Elem	V_2924	Zn2138	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00833	.06497	.14043	.00023	.00120	.20851	.00569	.01299
Stddev	.00009	.00029	.00017	.00005	.00019	.00158	.00006	.00017
%RSD	1.0760	.43931	.12016	21.959	16.030	.75994	.98202	1.2712

#1	.00829	.06464	.14026	.00022	.00111	.20807	.00563	.01295
#2	.00844	.06515	.14059	.00019	.00106	.21028	.00570	.01285
#3	.00827	.06513	.14045	.00028	.00142	.20720	.00574	.01317

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04561	-.0007	.22097	5282.2	-203.30
Stddev	.00066	.0001	.00076	26.9	9.75
%RSD	1.4564	7.342	.34606	.50901	4.7970

#1	.04487	-.0007	.22123	5308.4	-192.92
#2	.04616	-.0007	.22011	5283.4	-204.70
#3	.04579	-.0008	.22157	5254.7	-212.27

Sample Name: S1 Acquired: 6/5/2019 12:25:21 Type: Cal
 Method: P4-ICP2(v3176) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4047.2	50888.	4563.7	62.930	4576.7
Stddev	8.6	107.	19.6	1.605	18.2
%RSD	.21339	.20976	.42904	2.5507	.39798
#1	4051.5	50971.	4552.4	62.766	4578.4
#2	4052.9	50768.	4552.4	61.414	4593.9
#3	4037.3	50925.	4586.3	64.611	4557.6

Sample Name: S2 Acquired: 6/5/2019 12:29:47 Type: Cal
 Method: P4-ICP2(v3176) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.09639	.00119	.05652	.01373
Stddev	.00149	.00004	.00036	.00026
%RSD	1.5418	3.5939	.62993	1.9178

#1	.09512	.00114	.05692	.01353
#2	.09803	.00120	.05641	.01403
#3	.09603	.00123	.05623	.01365

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	50320.	4584.2
Stddev	154.	2.3
%RSD	.30625	.04927

#1	50155.	4584.0
#2	50461.	4586.5
#3	50344.	4582.0

Sample Name: S3 Acquired: 6/5/2019 12:34:02 Type: Cal
Method: P4-ICP2(v3176) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.12628	.29604	.67155	.14818	.28685	.03990	2.0980	.10389
Stddev	.00062	.00097	.00074	.00045	.00056	.00018	.0102	.00066
%RSD	.49436	.32721	.10956	.30639	.19651	.44437	.48575	.63879
#1	.12674	.29640	.67226	.14852	.28718	.03971	2.1096	.10402
#2	.12557	.29494	.67079	.14766	.28620	.03993	2.0941	.10448
#3	.12653	.29678	.67159	.14835	.28717	.04006	2.0904	.10317
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.3265	.56098	.10937	1.1917	.49245	.25180	1.2949	.00724
Stddev	.0073	.00182	.00029	.0007	.00199	.00029	.0009	.00003
%RSD	.16880	.32402	.26731	.05506	.40343	.11468	.07100	.40869
#1	4.3340	.55942	.10939	1.1917	.49369	.25212	1.2955	.00723
#2	4.3194	.56055	.10965	1.1911	.49015	.25155	1.2939	.00722
#3	4.3261	.56298	.10906	1.1924	.49349	.25173	1.2953	.00727
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.70827	.13102	.34169	.26645	2.0146	.09792	1.7012	.00592
Stddev	.00022	.00031	.00179	.00033	.0032	.00041	.0057	.00004
%RSD	.03162	.23341	.52487	.12219	.15690	.42067	.33431	.59489
#1	.70840	.13079	.34354	.26680	2.0175	.09802	1.7044	.00595
#2	.70841	.13137	.34160	.26616	2.0112	.09747	1.6946	.00588
#3	.70802	.13091	.33995	.26637	2.0152	.09828	1.7046	.00592
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.10055	1.1655	.36084	.66680	4.3486	.1794	26.905	4741.2
Stddev	.00030	.0027	.00043	.00125	.0152	.0005	.048	44.6
%RSD	.29845	.22883	.11967	.18812	.34920	.2631	.17989	.94048
#1	.10089	1.1629	.36134	.66572	4.3489	.1795	26.874	4769.0
#2	.10033	1.1682	.36061	.66649	4.3636	.1789	26.960	4764.9
#3	.10044	1.1654	.36057	.66818	4.3333	.1799	26.879	4689.8

Sample Name: S3 Acquired: 6/5/2019 12:34:02 Type: Cal
 Method: P4-ICP2(v3176) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-191.39
Stddev	3.88
%RSD	2.0274

#1	-186.98
#2	-192.96
#3	-194.25

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3926.7	49166.	4552.1	63.278	4220.6
Stddev	13.2	278.	4.4	.248	7.3
%RSD	.33682	.56564	.09649	.39211	.17256

#1	3916.0	48848.	4547.7	63.477	4215.0
#2	3941.5	49285.	4552.0	63.000	4228.8
#3	3922.8	49365.	4556.5	63.356	4218.0

Sample Name: S4 Acquired: 6/5/2019 12:38:01 Type: Cal
Method: P4-ICP2(v3176) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.24078	.56236	1.2755	.28257	.54478	.07462	3.9933	.19648
Stddev	.00054	.00143	.0014	.00117	.00090	.00062	.0096	.00148
%RSD	.22305	.25509	.11020	.41384	.16589	.83610	.24118	.75109
#1	.24140	.56116	1.2746	.28391	.54567	.07446	3.9840	.19758
#2	.24046	.56197	1.2772	.28200	.54481	.07410	3.9927	.19705
#3	.24047	.56395	1.2749	.28180	.54386	.07531	4.0033	.19480
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.3194	1.0549	.20447	2.2856	.91880	.46456	2.4236	.01371
Stddev	.0087	.0050	.00161	.0051	.00367	.00336	.0154	.00009
%RSD	.10425	.47855	.78499	.22197	.39939	.72353	.63646	.62542
#1	8.3167	1.0491	.20516	2.2798	.92082	.46671	2.4307	.01361
#2	8.3291	1.0573	.20562	2.2891	.92101	.46627	2.4342	.01373
#3	8.3123	1.0583	.20264	2.2880	.91456	.46068	2.4059	.01378
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3466	.24552	.64968	.50247	3.8727	.19044	3.2093	.01142
Stddev	.0035	.00172	.00150	.00328	.0065	.00096	.0070	.00002
%RSD	.26158	.70142	.23134	.65196	.16735	.50555	.21707	.19116
#1	1.3437	.24653	.64802	.50478	3.8653	.18976	3.2170	.01140
#2	1.3505	.24651	.65093	.50391	3.8756	.19001	3.2035	.01144
#3	1.3456	.24354	.65010	.49872	3.8772	.19154	3.2075	.01143
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.19593	2.2031	.68755	1.2619	8.2960	.3503	51.110	4592.9
Stddev	.00102	.0235	.00157	.0036	.0175	.0012	.111	4.2
%RSD	.52058	1.0686	.22906	.28630	.21078	.3445	.21739	.09092
#1	.19543	2.2167	.68592	1.2579	8.2911	.3491	51.079	4593.5
#2	.19526	2.2166	.68907	1.2630	8.3155	.3502	51.233	4596.7
#3	.19711	2.1759	.68766	1.2648	8.2816	.3515	51.017	4588.4

Sample Name: S4 Acquired: 6/5/2019 12:38:01 Type: Cal
 Method: P4-ICP2(v3176) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-190.36
Stddev	5.36
%RSD	2.8180

#1	-193.33
#2	-193.57
#3	-184.16

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3856.2	48479.	4502.0	61.027	4060.4
Stddev	15.7	267.	39.2	1.391	9.0
%RSD	.40804	.55011	.87166	2.2795	.22057

#1	3838.9	48353.	4484.3	61.497	4053.0
#2	3859.9	48298.	4474.6	59.462	4057.8
#3	3869.7	48785.	4546.9	62.123	4070.3

Sample Name: S5 Acquired: 6/5/2019 12:42:00 Type: Cal
Method: P4-ICP2(v3176) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.50005	1.1633	2.6629	.58370	1.1272	.15377	8.2563	.40852
Stddev	.00141	.0023	.0029	.00050	.0025	.00062	.0883	.00058
%RSD	.28143	.19404	.10870	.08549	.22129	.40631	1.0690	.14093
#1	.50167	1.1655	2.6634	.58428	1.1283	.15429	8.2156	.40918
#2	.49908	1.1632	2.6598	.58344	1.1243	.15308	8.3576	.40825
#3	.49941	1.1610	2.6656	.58339	1.1289	.15393	8.1957	.40812
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	17.425	2.1488	.41937	4.8093	1.8677	.94867	4.9619	.02859
Stddev	.015	.0048	.00106	.0062	.0050	.00205	.0096	.00009
%RSD	.08679	.22372	.25381	.12831	.26986	.21648	.19295	.32875
#1	17.432	2.1490	.42026	4.8142	1.8701	.94941	4.9683	.02869
#2	17.407	2.1535	.41819	4.8024	1.8619	.94635	4.9509	.02850
#3	17.434	2.1439	.41966	4.8114	1.8711	.95025	4.9665	.02858
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8123	.50833	1.3750	1.0441	8.1629	.40165	6.5902	.02394
Stddev	.0053	.00105	.0064	.0011	.0124	.00190	.0098	.00005
%RSD	.18798	.20600	.46603	.10481	.15169	.47386	.14838	.19882
#1	2.8178	.50922	1.3811	1.0450	8.1755	.40339	6.5902	.02399
#2	2.8072	.50717	1.3683	1.0444	8.1507	.39962	6.5804	.02391
#3	2.8120	.50859	1.3757	1.0428	8.1624	.40193	6.5999	.02390
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.42361	4.4854	1.4432	2.5742	16.889	.7536	102.81	4214.0
Stddev	.00107	.0149	.0011	.0119	.030	.0006	1.45	45.8
%RSD	.25375	.33263	.07875	.46254	.17710	.0775	1.4116	1.0875
#1	.42483	4.4685	1.4443	2.5872	16.923	.7541	101.51	4205.6
#2	.42318	4.4907	1.4420	2.5639	16.869	.7529	104.37	4172.9
#3	.42281	4.4968	1.4433	2.5716	16.875	.7538	102.53	4263.4

Sample Name: S5 Acquired: 6/5/2019 12:42:00 Type: Cal
Method: P4-ICP2(v3176) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-162.21
Stddev	7.15
%RSD	4.4107

#1	-158.47
#2	-157.70
#3	-170.45

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3715.3	46983.	4465.9	59.934	3795.9
Stddev	10.4	113.	5.5	1.795	5.8
%RSD	.28008	.24075	.12291	2.9941	.15345

#1	3718.8	46868.	4470.4	58.366	3797.5
#2	3723.5	47094.	4459.8	59.544	3800.9
#3	3703.6	46987.	4467.5	61.891	3789.5

Sample Name: ICV01 Acquired: 6/5/2019 12:46:14 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0129	1.0594	1.0150	1.0182	.99650	2.5277	.49471	.49741
Stddev	.0020	.0042	.0044	.0047	.00429	.0217	.00294	.00073
%RSD	.20136	.39614	.43460	.46545	.43079	.85798	.59403	.14623
#1	1.0105	1.0550	1.0172	1.0230	.99402	2.5156	.49144	.49807
#2	1.0141	1.0600	1.0099	1.0136	.99401	2.5148	.49711	.49753
#3	1.0140	1.0634	1.0179	1.0179	1.0015	2.5527	.49558	.49663
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49112	10.918	.50720	.50285	.53018	5.1843	.51387	5.8874
Stddev	.00055	.013	.00095	.00137	.00227	.0130	.00045	.0279
%RSD	.11168	.12303	.18776	.27268	.42883	.25074	.08789	.47441
#1	.49050	10.911	.50814	.50212	.52849	5.1992	.51435	5.8564
#2	.49152	10.934	.50721	.50199	.52928	5.1783	.51382	5.8952
#3	.49135	10.911	.50624	.50443	.53276	5.1754	.51345	5.9106
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50465	.51077	9.8537	.50100	.98133	9.8722	2.6036	2.5754
Stddev	.00109	.00094	.0383	.00174	.00065	.0225	.0044	.0429
%RSD	.21623	.18392	.38893	.34677	.06658	.22770	.16822	1.6671
#1	.50419	.51144	9.8146	.50108	.98197	9.8875	2.6077	2.5268
#2	.50386	.51117	9.8553	.50269	.98135	9.8828	2.5990	2.5914
#3	.50590	.50970	9.8912	.49922	.98066	9.8464	2.6041	2.6081
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00790	2.5715	2.5528	2.6579	F .00611	F .0029	F .00636	F 2.3916
Stddev	.00279	.0182	.0098	.0039	.00138	.0013	.00011	.0800
%RSD	35.256	.70668	.38471	.14514	22.653	46.14	1.7091	3.3435
#1	.00475	2.5925	2.5472	2.6576	.00670	.0023	.00647	2.3249
#2	.00892	2.5605	2.5470	2.6619	.00711	.0019	.00635	2.4802
#3	.01003	2.5615	2.5641	2.6542	.00453	.0044	.00626	2.3698

Sample Name: ICV01 Acquired: 6/5/2019 12:46:14 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.3385
Stddev	.6581
%RSD	28.140

#1	1.9081
#2	3.0960
#3	2.0114

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3927.3	49749.	4526.3	61.878	4299.8
Stddev	1.1	82.	25.8	.311	2.5
%RSD	.02894	.16494	.57078	.50265	.05927

#1	3926.7	49659.	4497.9	62.193	4301.1
#2	3928.7	49819.	4532.6	61.871	4301.4
#3	3926.7	49769.	4548.4	61.571	4296.9

Sample Name: LLICV01 Acquired: 6/5/2019 12:50:20 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02061	.04167	.01110	.02240	.05078	.09833	.10124
Stddev	.00128	.00133	.00082	.00078	.00028	.00879	.00109
%RSD	6.2068	3.1887	7.3794	3.4868	.55149	8.9359	1.0718

#1	.02046	.04035	.01120	.02293	.05108	.09004	.10038
#2	.02196	.04165	.01186	.02277	.05054	.09739	.10246
#3	.01942	.04301	.01023	.02150	.05070	.10754	.10088

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00628	.00583	2.0192	.00875	.02897	.02091	.10487
Stddev	.00013	.00005	.0221	.00036	.00030	.00032	.00089
%RSD	2.0614	.90565	1.0943	4.1567	1.0348	1.5375	.84686

#1	.00629	.00589	2.0365	.00907	.02883	.02092	.10402
#2	.00641	.00580	1.9943	.00836	.02932	.02122	.10580
#3	.00615	.00581	2.0268	.00883	.02877	.02058	.10480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02185	1.9899	.03985	.01047	1.9837	.03953	.03806
Stddev	.00019	.1082	.00028	.00021	.0257	.00032	.00019
%RSD	.89135	5.4392	.69464	2.0444	1.2947	.80960	.48800

#1	.02174	1.8729	.04011	.01072	1.9596	.03980	.03815
#2	.02208	2.0864	.03988	.01039	2.0107	.03918	.03818
#3	.02174	2.0104	.03956	.01031	1.9809	.03962	.03784

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0036	.20885	F .12004	F .01250	.41559	.03914	.04054
Stddev	.0431	.00118	.00108	.00023	.00114	.00028	.00112
%RSD	2.1522	.56393	.90157	1.8741	.27536	.70925	2.7533

#1	1.9850	.20773	.11982	.01276	.41679	.03943	.03955
#2	2.0529	.21008	.11908	.01243	.41544	.03888	.04031
#3	1.9729	.20876	.12121	.01231	.41452	.03909	.04175

Sample Name: LLICV01 Acquired: 6/5/2019 12:50:20 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02063	.0169	.02060	F 1.8962	F<.00000
Stddev	.00054	.0019	.00023	.1860	.54478
%RSD	2.5956	11.45	1.1074	9.8070	44.280
#1	.02112	.0191	.02035	2.0609	-1.8580
#2	.02070	.0159	.02079	1.9332	-.88069
#3	.02006	.0156	.02065	1.6946	-.95222
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4055.1	51658.	4653.8	64.733	4582.0
Stddev	4.5	39.	17.1	1.243	3.6
%RSD	.11020	.07458	.36743	1.9200	.07919
#1	4053.4	51686.	4647.7	65.823	4577.8
#2	4051.7	51674.	4673.1	63.380	4584.3
#3	4060.2	51614.	4640.5	64.998	4583.9

Sample Name: ICB01 Acquired: 6/5/2019 12:54:45 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00105	.00039	-.00100	.00108	-.00120	-.00510	.00060
Stddev	.00164	.00099	.00098	.00088	.00045	.01035	.00030
%RSD	156.91	252.76	97.075	81.653	37.400	202.82	49.656

#1	-.00292	.00153	-.00001	.00208	-.00137	-.01523	.00075
#2	.00011	-.00008	-.00105	.00074	-.00155	.00546	.00026
#3	-.00033	-.00028	-.00195	.00041	-.00069	-.00554	.00079

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00004	.01213	-.00020	.00021	-.00012	.00024
Stddev	.00007	.00002	.01813	.00030	.00022	.00018	.00095
%RSD	205.08	47.556	149.46	146.14	107.14	145.99	399.33

#1	-.00003	.00006	-.00383	-.00044	.00025	-.00009	-.00051
#2	.00011	.00003	.03184	-.00031	.00041	.00004	.00131
#3	.00002	.00003	.00837	.00013	-.00003	-.00032	-.00008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.03601	.00042	-.00008	-.00439	-.00019	-.00010
Stddev	.00004	.01777	.00004	.00022	.00075	.00042	.00007
%RSD	89.362	49.342	9.4231	293.37	17.072	215.11	70.447

#1	.00000	-.03428	.00046	.00006	-.00363	.00029	-.00011
#2	.00008	-.01917	.00043	-.00034	-.00513	-.00041	-.00003
#3	.00005	-.05458	.00038	.00005	-.00441	-.00045	-.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03561	-.00019	.01830	-.00398	-.00615	.00039	.00040
Stddev	.01750	.00028	.01297	.00095	.00144	.00024	.00168
%RSD	49.142	144.69	70.861	23.944	23.383	61.446	423.18

#1	.05422	-.00005	.02869	-.00334	-.00586	.00029	.00203
#2	.03313	-.00052	.02244	-.00508	-.00488	.00066	.00049
#3	.01948	-.00002	.00377	-.00353	-.00771	.00021	-.00132

Sample Name: ICB01 Acquired: 6/5/2019 12:54:45 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00139	.0004	-0.00005	F 1.9838	F<.00000
Stddev	.00217	.0011	.00001	.0732	.36557
%RSD	156.54	280.8	22.238	3.6918	17.455

#1	-0.00390	-0.0007	-0.00004	1.9349	-1.8961
#2	-0.00010	.0004	-0.00006	2.0680	-1.8707
#3	-0.00017	.0015	-0.00005	1.9485	-2.5162

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4060.2	51619.	4655.1	64.092	4625.4
Stddev	14.1	83.	48.0	1.310	13.2
%RSD	.34754	.16168	1.0309	2.0437	.28491

#1	4044.6	51701.	4614.9	62.673	4610.2
#2	4063.6	51621.	4642.1	64.348	4633.2
#3	4072.2	51534.	4708.2	65.255	4632.7

Sample Name: CRI01 Acquired: 6/5/2019 12:59:14 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01860	.04257	.01156	.02211	.05160	.09763	.10310
Stddev	.00324	.00045	.00121	.00270	.00062	.00230	.00033
%RSD	17.391	1.0499	10.449	12.221	1.2081	2.3565	.31847

#1	.01502	.04284	.01276	.02489	.05200	.09773	.10277
#2	.01948	.04205	.01034	.02193	.05088	.09987	.10343
#3	.02131	.04281	.01158	.01950	.05191	.09527	.10309

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00637	.00596	2.0486	.00897	.02959	.02192	.10743
Stddev	.00010	.00001	.0350	.00009	.00015	.00049	.00012
%RSD	1.6005	.08723	1.7095	1.0342	.51208	2.2236	.11263

#1	.00625	.00595	2.0323	.00888	.02950	.02243	.10757
#2	.00641	.00596	2.0888	.00907	.02951	.02146	.10736
#3	.00644	.00596	2.0247	.00897	.02976	.02186	.10735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02226	1.9660	.04048	.01047	2.0162	.04065	.03897
Stddev	.00001	.0368	.00032	.00022	.0081	.00033	.00004
%RSD	.04820	1.8706	.78304	2.1295	.40310	.82079	.11393

#1	.02225	1.9271	.04074	.01066	2.0097	.04066	.03892
#2	.02226	2.0001	.04058	.01023	2.0136	.04031	.03901
#3	.02227	1.9709	.04013	.01053	2.0253	.04098	.03898

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9577	.21208	.10805	.01471	.41195	.03936	.04120
Stddev	.0094	.00096	.00586	.00175	.00623	.00068	.00079
%RSD	.47937	.45260	5.4273	11.888	1.5117	1.7381	1.9233

#1	1.9661	.21317	.10404	.01559	.40733	.03963	.04084
#2	1.9476	.21135	.10532	.01584	.41903	.03987	.04065
#3	1.9593	.21172	.11478	.01269	.40949	.03858	.04211

Sample Name: CRI01 Acquired: 6/5/2019 12:59:14 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01719	.0190	.02095	F 2.1831	F<.00000
Stddev	.00210	.0005	.00005	.1173	1.2094
%RSD	12.233	2.527	.21815	5.3735	61.197
#1	.01612	.0194	.02090	2.1405	-3.2937
#2	.01583	.0191	.02097	2.0930	-.91642
#3	.01961	.0185	.02098	2.3157	-1.7186
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3994.3	51040.	4628.2	65.177	4506.7
Stddev	19.1	83.	27.7	1.290	11.9
%RSD	.47695	.16174	.59933	1.9799	.26472
#1	3977.5	51128.	4634.3	64.343	4494.5
#2	3990.5	51028.	4597.9	64.525	4507.3
#3	4015.0	50964.	4652.3	66.664	4518.3

Sample Name: ICSA01 Acquired: 6/5/2019 13:03:40 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00932	.00720	-.00039	.01050	.00471	276.54	.00797	.00320
Stddev	.00043	.00084	.00123	.00070	.00127	1.41	.00021	.00003
%RSD	4.6312	11.703	315.92	6.6370	26.913	.50992	2.6379	.92405
#1	.00982	.00639	-.00064	.01093	.00601	275.10	.00820	.00321
#2	.00905	.00807	.00094	.01088	.00348	277.92	.00779	.00321
#3	.00910	.00713	-.00148	.00970	.00464	276.60	.00794	.00316
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00481	261.67	.04678	.00017	.01918	97.111	.01608	282.05
Stddev	.00010	1.35	.00062	.00031	.00037	.925	.00002	.63
%RSD	2.0072	.51556	1.3290	184.28	1.9497	.95250	.11176	.22172
#1	-.00472	260.89	.04744	.00041	.01906	96.520	.01609	281.33
#2	-.00481	260.89	.04669	.00028	.01960	96.636	.01610	282.48
#3	-.00491	263.23	.04621	-.00018	.01888	98.177	.01606	282.33
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00797	-.00954	.04788	.00044	.00812	.02629	-.00183	.07095
Stddev	.00045	.00038	.01408	.00048	.00028	.03541	.00016	.02094
%RSD	5.7100	3.9611	29.412	109.25	3.4371	134.72	8.6339	29.509
#1	-.00745	-.00942	.03999	.00052	.00826	-.01205	-.00180	.09334
#2	-.00813	-.00924	.03951	-.00008	.00830	.05777	-.00170	.06765
#3	-.00832	-.00996	.06413	.00087	.00780	.03315	-.00201	.05186
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01702	-.01341	.00251	-.00204	.01552	.0152	-.00133	4.7904
Stddev	.00235	.00120	.00053	.00154	.00136	.0006	.00069	.1104
%RSD	13.810	8.9220	21.024	75.386	8.7347	4.152	51.713	2.3039
#1	.01504	-.01239	.00218	-.00155	.01664	.0158	-.00132	4.6633
#2	.01639	-.01473	.00223	-.00081	.01401	.0152	-.00065	4.8620
#3	.01962	-.01312	.00312	-.00376	.01591	.0145	-.00203	4.8460

Sample Name: ICSA01 Acquired: 6/5/2019 13:03:40 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	98.579
Stddev	2.182
%RSD	2.2135

#1	97.638
#2	97.025
#3	101.07

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3541.4	44452.	4401.5	59.025	3592.3
Stddev	5.8	121.	24.1	1.537	8.0
%RSD	.16488	.27261	.54753	2.6031	.22158

#1	3547.9	44317.	4401.0	57.308	3599.9
#2	3539.3	44486.	4425.8	60.271	3584.0
#3	3536.8	44553.	4377.7	59.496	3593.1

Sample Name: ICSAB01 Acquired: 6/5/2019 13:08:18 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12162	.11606	.05376	.05777	.65208	275.29	.58256
Stddev	.00106	.00032	.00037	.00342	.00073	1.72	.00308
%RSD	.87276	.27906	.67906	5.9138	.11177	.62427	.52800

#1	.12120	.11596	.05371	.06070	.65201	273.53	.57951
#2	.12283	.11580	.05343	.05402	.65140	276.97	.58566
#3	.12083	.11642	.05415	.05859	.65285	275.35	.58251

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57914	1.0580	261.14	.58686	.53254	.54383	96.529
Stddev	.00120	.0027	.43	.00194	.00104	.00148	1.075
%RSD	.20660	.25545	.16407	.33119	.19470	.27239	1.1139

#1	.57873	1.0609	260.92	.58641	.53373	.54229	96.322
#2	.58048	1.0555	261.64	.58899	.53186	.54396	97.692
#3	.57819	1.0575	260.88	.58518	.53202	.54524	95.571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55050	279.13	1.0406	.21729	.05017	.54291	1.1257
Stddev	.00070	2.50	.0022	.00123	.00392	.00147	.0028
%RSD	.12706	.89453	.21427	.56815	7.8135	.27004	.24801

#1	.55029	276.29	1.0430	.21656	.05125	.54214	1.1284
#2	.55128	281.00	1.0385	.21872	.04582	.54460	1.1228
#3	.54993	280.09	1.0403	.21660	.05343	.54199	1.1258

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02230	1.1096	F 1.2361	F .54966	.99854	1.1303	1.1345
Stddev	.03849	.0027	.0212	.00359	.00779	.0037	.0076
%RSD	172.58	.24571	1.7121	.65400	.78014	.32879	.66664

#1	.01315	1.1078	1.2117	.55380	1.0056	1.1346	1.1257
#2	-.01682	1.1128	1.2473	.54732	.99017	1.1281	1.1391
#3	-.06325	1.1083	1.2493	.54786	.99986	1.1283	1.1385

Sample Name: ICSAB01 Acquired: 6/5/2019 13:08:18 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .01102	F .0152	F -.00033	4.8793	99.754
Stddev	.00084	.0015	.00127	.0779	1.703
%RSD	7.6433	9.670	389.64	1.5961	1.7068
#1	.01062	.0152	-.00023	4.9407	98.235
#2	.01199	.0137	-.00164	4.9055	99.433
#3	.01046	.0167	.00089	4.7917	101.59
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3542.1	44592.	4373.9	58.735	3586.9
Stddev	9.6	121.	21.4	2.408	9.7
%RSD	.27179	.27189	.48915	4.0994	.26955
#1	3550.8	44647.	4349.8	55.957	3576.6
#2	3531.7	44453.	4381.3	60.218	3588.4
#3	3543.7	44675.	4390.6	60.032	3595.7

Sample Name: CCV01 Acquired: 6/5/2019 13:12:42 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8564	4.9309	4.8457	4.8936	4.8590	9.5653	9.7885	.24570
Stddev	.0134	.0134	.0053	.0053	.0080	.0879	.0402	.00095
%RSD	.27668	.27089	.10905	.10900	.16504	.91912	.41078	.38764
#1	4.8698	4.9220	4.8432	4.8972	4.8539	9.4804	9.7472	.24461
#2	4.8429	4.9244	4.8422	4.8875	4.8683	9.5596	9.8275	.24630
#3	4.8565	4.9462	4.8518	4.8961	4.8549	9.6559	9.7907	.24621
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4052	24.448	.97835	2.4291	1.2200	4.8894	2.4758	24.392
Stddev	.0014	.156	.00236	.0045	.0027	.0126	.0009	.150
%RSD	.05826	.63695	.24093	.18366	.21988	.25774	.03799	.61582
#1	2.4043	24.272	.97625	2.4271	1.2217	4.8825	2.4751	24.221
#2	2.4045	24.504	.98090	2.4259	1.2213	4.9039	2.4754	24.504
#3	2.4068	24.567	.97790	2.4342	1.2169	4.8817	2.4768	24.450
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4099	1.2173	24.250	2.4418	2.4238	23.770	4.8693	F 4.7477
Stddev	.0024	.0028	.060	.0052	.0042	.139	.0041	.0188
%RSD	.09871	.23296	.24747	.21093	.17429	.58664	.08428	.39636
#1	2.4089	1.2144	24.198	2.4370	2.4228	23.611	4.8701	4.7265
#2	2.4083	1.2175	24.316	2.4472	2.4202	23.875	4.8729	4.7542
#3	2.4127	1.2201	24.237	2.4412	2.4285	23.823	4.8648	4.7624
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8213	4.7565	4.8412	4.8713	F 4.7371	4.856	4.8943	F 4.3036
Stddev	.0049	.0127	.0080	.0363	.0277	.007	.0176	.0088
%RSD	.10135	.26752	.16430	.74516	.58543	.1457	.35887	.20335
#1	4.8169	4.7425	4.8321	4.8353	4.7097	4.862	4.8758	4.3025
#2	4.8266	4.7673	4.8445	4.8708	4.7651	4.848	4.9107	4.2954
#3	4.8203	4.7596	4.8469	4.9079	4.7365	4.857	4.8963	4.3128

Sample Name: CCV01 Acquired: 6/5/2019 13:12:42 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.8418
Stddev	2.3465
%RSD	127.40

#1	1.1566
#2	-.08582
#3	4.4547

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3810.3	48370.	4540.3	62.088	4014.2
Stddev	6.7	49.	10.3	1.470	4.6
%RSD	.17549	.10112	.22585	2.3681	.11417

#1	3803.9	48352.	4536.4	61.170	4009.9
#2	3809.9	48333.	4532.6	61.310	4019.0
#3	3817.2	48425.	4552.0	63.784	4013.7

Sample Name: LLCCV01 Acquired: 6/5/2019 13:16:42 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02049	.04240	.01122	.02291	.05164	.10108	.10377
Stddev	.00131	.00058	.00057	.00236	.00076	.00597	.00083
%RSD	6.4141	1.3636	5.0830	10.308	1.4726	5.9074	.79503

#1	.02103	.04242	.01112	.02081	.05234	.10115	.10355
#2	.01899	.04298	.01070	.02546	.05175	.09508	.10309
#3	.02145	.04182	.01183	.02244	.05083	.10702	.10469

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00628	.00597	2.0425	.01110	.02963	.02165	.11777
Stddev	.00010	.00008	.0261	.00003	.00009	.00016	.00048
%RSD	1.5474	1.3586	1.2801	.28783	.29746	.75517	.40503

#1	.00625	.00593	2.0147	.01113	.02969	.02183	.11731
#2	.00639	.00606	2.0461	.01110	.02966	.02158	.11826
#3	.00621	.00592	2.0666	.01107	.02953	.02152	.11773

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02235	2.0124	.04183	.01039	2.0361	.04034	.04141
Stddev	.00015	.0781	.00016	.00022	.0099	.00051	.00015
%RSD	.67715	3.8793	.39131	2.0923	.48581	1.2565	.35759

#1	.02219	1.9238	.04166	.01030	2.0283	.03999	.04130
#2	.02248	2.0424	.04198	.01063	2.0327	.04092	.04135
#3	.02239	2.0711	.04186	.01022	2.0472	.04010	.04158

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9539	.21081	.10855	F .01404	.43869	.03903	.04332
Stddev	.0150	.00061	.00814	.00082	.00578	.00055	.00186
%RSD	.76726	.28714	7.5011	5.8135	1.3180	1.3999	4.2864

#1	1.9582	.21012	.10434	.01436	.43644	.03896	.04178
#2	1.9372	.21126	.10338	.01311	.44526	.03961	.04538
#3	1.9662	.21106	.11794	.01465	.43437	.03852	.04280

Sample Name: LLCCV01 Acquired: 6/5/2019 13:16:42 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01608	.0168	.02093	F 3.0740	F<.00000
Stddev	.00043	.0017	.00014	.0920	1.1015
%RSD	2.6657	10.31	.69235	2.9932	38.957
#1	.01612	.0149	.02077	3.1771	-4.0986
#2	.01563	.0173	.02104	3.0446	-2.1554
#3	.01649	.0182	.02099	3.0003	-2.2283
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3999.0	50999.	4610.6	66.364	4506.2
Stddev	3.2	56.	21.2	1.227	3.3
%RSD	.07993	.11052	.46025	1.8487	.07326
#1	4002.6	51016.	4610.6	65.043	4509.3
#2	3996.6	51045.	4589.4	66.580	4502.7
#3	3997.8	50936.	4631.8	67.468	4506.7

Sample Name: CCB01 Acquired: 6/5/2019 13:21:09 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	.00134	-.00151	.00164	-.00079	-.00844	.00109
Stddev	.00108	.00167	.00065	.00176	.00106	.00682	.00048
%RSD	359.51	124.57	43.347	107.46	132.88	80.807	44.010

#1	.00119	.00161	-.00076	.00121	-.00201	-.00158	.00104
#2	.00061	.00287	-.00193	.00358	-.00012	-.01523	.00158
#3	-.00090	-.00045	-.00183	.00013	-.00025	-.00853	.00063

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00003	-.00260	-.00015	.00002	-.00038	.00026
Stddev	.00004	.00004	.00656	.00031	.00009	.00016	.00082
%RSD	670.02	114.27	252.14	212.23	519.77	43.160	316.09

#1	-.00004	.00003	-.00982	-.00027	.00009	-.00029	.00119
#2	-.00002	.00007	-.00096	.00021	.00005	-.00028	-.00039
#3	.00004	-.00000	.00298	-.00038	-.00009	-.00056	-.00002

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.01887	.00018	.00023	-.01928	.00006	-.00021
Stddev	.00003	.01937	.00041	.00018	.00266	.00035	.00007
%RSD	53.005	102.64	227.23	80.250	13.806	562.36	32.974

#1	.00005	-.00294	.00005	.00019	-.01662	.00045	-.00022
#2	.00003	.03405	.00064	.00007	-.02194	-.00021	-.00014
#3	.00008	.02550	-.00015	.00043	-.01928	-.00005	-.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01871	.00013	.00429	-.00607	-.00907	-.00073	.00142
Stddev	.00166	.00022	.00971	.00331	.00109	.00036	.00146
%RSD	8.8825	171.95	226.12	54.558	12.025	49.814	103.04

#1	.01697	.00004	.00679	-.00985	-.01028	-.00088	.00253
#2	.01888	-.00004	.01250	-.00468	-.00874	-.00031	.00197
#3	.02028	.00038	-.00642	-.00368	-.00818	-.00098	-.00024

Sample Name: CCB01 Acquired: 6/5/2019 13:21:09 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00415	-0.0014	.00005	F 2.8264	F<.00000
Stddev	.00094	.0008	.00002	.0766	.61697
%RSD	22.705	53.89	48.459	2.7083	18.545

#1	-0.00365	-0.0006	.00006	2.7715	-3.1365
#2	-0.00524	-0.0015	.00006	2.9139	-4.0166
#3	-0.00357	-0.0021	.00002	2.7939	-2.8276

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4034.9	51544.	4604.0	65.395	4584.3
Stddev	11.6	271.	27.9	.927	8.7
%RSD	.28696	.52511	.60515	1.4178	.18918

#1	4021.9	51676.	4599.4	64.334	4574.9
#2	4038.9	51232.	4578.7	65.805	4586.1
#3	4044.0	51722.	4633.9	66.048	4592.0

Sample Name: K3188-01 Acquired: 6/5/2019 13:25:07 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-PS-01-RAW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00277	-.00031	.00727	.00377	-.00127	6.0067	.01867	.00085
Stddev	.00252	.00026	.00032	.00386	.00159	.0662	.00099	.00002
%RSD	90.860	85.240	4.4081	102.27	124.81	1.1019	5.2963	2.7527
#1	.00529	-.00039	.00696	-.00007	-.00040	6.0546	.01896	.00085
#2	.00025	-.00053	.00760	.00374	-.00311	6.0342	.01948	.00082
#3	.00279	-.00001	.00724	.00764	-.00031	5.9311	.01757	.00087
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00137	4.0691	.02383	.00073	.00809	21.911	.02212	.00949
Stddev	.00004	.0318	.00030	.00009	.00029	.198	.00016	.01725
%RSD	2.7765	.78202	1.2518	11.924	3.5350	.90498	.73612	181.82
#1	-.00141	4.0899	.02399	.00063	.00785	22.109	.02221	.02498
#2	-.00138	4.0850	.02400	.00077	.00841	21.910	.02221	-.00910
#3	-.00133	4.0325	.02348	.00079	.00802	21.713	.02193	.01259
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	-.00153	.94673	.01918	.03821	.23884	.00140	.01443
Stddev	.00018	.00008	.00301	.00133	.00027	.00633	.00005	.00222
%RSD	41.110	5.3936	.31782	6.9333	.69686	2.6500	3.7766	15.407
#1	.00061	-.00162	.95019	.02040	.03851	.23684	.00134	.01684
#2	.00049	-.00152	.94477	.01938	.03809	.24593	.00145	.01246
#3	.00025	-.00145	.94522	.01776	.03803	.23376	.00141	.01400
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11644	3.0420	.00075	.53825	-.00737	.2912	-.01974	3.1461
Stddev	.00153	.0316	.00042	.00331	.00159	.0005	.00028	.1309
%RSD	1.3158	1.0386	55.297	.61429	21.579	.1644	1.4049	4.1602
#1	.11816	3.0779	.00076	.54145	-.00920	.2914	-.02004	3.0266
#2	.11592	3.0181	.00116	.53485	-.00641	.2916	-.01967	3.2860
#3	.11523	3.0301	.00033	.53844	-.00649	.2907	-.01950	3.1257

Sample Name: K3188-01 Acquired: 6/5/2019 13:25:07 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-PS-01-RAW Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	23.311
Stddev	2.266
%RSD	9.7231

#1	25.610
#2	21.078
#3	23.245

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4031.2	52216.	4671.9	64.844	4519.4
Stddev	11.0	25.	30.8	.821	19.2
%RSD	.27207	.04741	.66004	1.2657	.42489

#1	4018.7	52239.	4670.0	64.507	4497.3
#2	4035.9	52190.	4703.7	64.245	4529.6
#3	4039.0	52218.	4642.1	65.780	4531.3

Sample Name: K3188-01DUP Acquired: 6/5/2019 13:29:33 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-PS-01-RAW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	-.00134	.00741	.00205	-.00100	5.3435	.01752	.00079
Stddev	.00063	.00197	.00024	.00183	.00152	.0168	.00040	.00001
%RSD	41.997	146.95	3.2583	89.360	151.04	.31362	2.2904	1.3305
#1	.00223	-.00354	.00760	.00034	-.00232	5.3321	.01796	.00080
#2	.00124	-.00070	.00748	.00182	.00066	5.3628	.01718	.00078
#3	.00105	.00023	.00714	.00398	-.00136	5.3356	.01743	.00080
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00122	3.7791	.02100	.00038	.00710	20.301	.02148	.01496
Stddev	.00009	.0090	.00024	.00010	.00033	.024	.00008	.03141
%RSD	7.2270	.23718	1.1521	25.268	4.6544	.11781	.36596	210.03
#1	-.00127	3.7743	.02082	.00044	.00726	20.324	.02150	-.00086
#2	-.00127	3.7735	.02128	.00042	.00732	20.303	.02155	-.00540
#3	-.00112	3.7894	.02091	.00027	.00672	20.276	.02140	.05114
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	-.00141	.93627	.01556	.03627	.17448	.00146	.00835
Stddev	.00053	.00029	.01877	.00005	.00003	.03562	.00017	.01767
%RSD	196.28	20.829	2.0049	.31323	.07567	20.416	11.389	211.67
#1	.00041	-.00174	.91714	.01554	.03630	.17170	.00128	.01940
#2	.00072	-.00131	.95466	.01552	.03628	.21141	.00149	-.01203
#3	-.00032	-.00117	.93700	.01562	.03624	.14033	.00161	.01768
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11617	2.8707	.00044	.53106	-.00912	.2888	-.01838	3.0764
Stddev	.00202	.0079	.00102	.01277	.00073	.0003	.00012	.2497
%RSD	1.7371	.27673	232.37	2.4045	8.0354	.0886	.64018	8.1151
#1	.11391	2.8650	-.00074	.54325	-.00869	.2890	-.01849	2.8532
#2	.11781	2.8675	.00109	.51778	-.00870	.2885	-.01826	3.3460
#3	.11679	2.8798	.00096	.53215	-.00996	.2890	-.01839	3.0301

Sample Name: K3188-01DUP Acquired: 6/5/2019 13:29:33 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-PS-01-RAW Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 22.607
 Stddev .773
 %RSD 3.4182

#1 22.014
 #2 23.481
 #3 22.327

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4019.8	52148.	4673.0	65.554	4520.8
Stddev	7.6	109.	32.7	.505	10.0
%RSD	.18962	.20960	.70041	.76986	.22113

#1	4014.3	52066.	4647.7	64.982	4510.0
#2	4028.5	52107.	4710.0	65.743	4529.8
#3	4016.6	52273.	4661.5	65.936	4522.5

Sample Name: K3188-01LX5 Acquired: 6/5/2019 13:33:59 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00008	.00066	-.00289	-.00171	1.0699	.00441	.00013
Stddev	.00123	.00062	.00068	.00193	.00083	.0052	.00040	.00005
%RSD	1685.5	737.76	103.55	66.974	48.778	.48597	9.0362	36.203

#1	.00093	-.00064	.00104	-.00504	-.00099	1.0677	.00396	.00017
#2	-.00145	.00046	.00107	-.00131	-.00263	1.0759	.00472	.00016
#3	.00031	.00043	-.00013	-.00230	-.00151	1.0662	.00455	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	.76554	.00419	.00029	.00141	4.1398	.00440	.03479
Stddev	.00012	.01407	.00031	.00013	.00036	.0035	.00014	.05737
%RSD	53.412	1.8380	7.4230	43.491	25.568	.08525	3.1090	164.88

#1	-.00021	.75341	.00384	.00020	.00099	4.1423	.00447	-.02602
#2	-.00012	.76223	.00444	.00044	.00160	4.1358	.00424	.08795
#3	-.00036	.78097	.00428	.00024	.00163	4.1414	.00448	.04245

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	-.00017	.16041	.00295	.00638	.04415	.00036	.00519
Stddev	.00012	.00030	.01301	.00019	.00012	.01216	.00034	.00516
%RSD	47.767	172.98	8.1113	6.4228	1.8272	27.545	94.769	99.387

#1	.00012	-.00051	.17090	.00306	.00649	.05599	.00022	.00278
#2	.00035	.00007	.16448	.00305	.00626	.03169	.00011	.01112
#3	.00025	-.00008	.14585	.00273	.00640	.04477	.00075	.00168

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01861	.57768	-.00047	.10914	-.00643	.0578	-.00380	3.3476
Stddev	.00151	.00617	.00044	.00370	.00238	.0018	.00004	.1230
%RSD	8.1243	1.0675	94.370	3.3939	37.069	3.083	1.1136	3.6737

#1	.02035	.57857	-.00016	.11273	-.00745	.0599	-.00375	3.4511
#2	.01780	.57111	-.00027	.10935	-.00370	.0571	-.00383	3.2116
#3	.01768	.58334	-.00097	.10533	-.00813	.0565	-.00382	3.3802

Sample Name: K3188-01LX5 Acquired: 6/5/2019 13:33:59 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.3986
Stddev	.3774
%RSD	8.5797

#1	4.1891
#2	4.8343
#3	4.1725

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4011.6	51629.	4623.0	64.315	4508.8
Stddev	15.7	203.	32.7	.946	15.5
%RSD	.39015	.39353	.70837	1.4704	.34449

#1	3994.9	51654.	4585.2	63.898	4495.0
#2	4014.1	51414.	4640.4	65.398	4505.8
#3	4025.9	51818.	4643.3	63.650	4525.6

Sample Name: K3188-01MS Acquired: 6/5/2019 13:38:26 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-PS-01-RAW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65423	1.8292	.90211	1.7108	.56387	11.298	.21154	.17554	.17258
Stddev	.00331	.0087	.00308	.0051	.00224	.042	.00164	.00055	.00062
%RSD	.50653	.47408	.34158	.30034	.39802	.37264	.77582	.31473	.35727
#1	.65357	1.8217	.90177	1.7155	.56170	11.274	.21008	.17571	.17214
#2	.65129	1.8272	.89921	1.7117	.56372	11.272	.21121	.17598	.17231
#3	.65782	1.8387	.90535	1.7053	.56618	11.346	.21332	.17492	.17328
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8312	.39532	.18287	.29179	21.730	.20509	1.8682	.44980	.06432
Stddev	.0130	.00057	.00026	.00053	.021	.00032	.0541	.00114	.00072
%RSD	.26859	.14516	.14484	.18278	.09731	.15402	2.8987	.25423	1.1129
#1	4.8302	.39575	.18257	.29240	21.742	.20546	1.9163	.44875	.06444
#2	4.8447	.39467	.18297	.29156	21.742	.20494	1.8096	.44962	.06497
#3	4.8188	.39554	.18306	.29141	21.705	.20489	1.8787	.45102	.06356
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3449	.29466	.19834	8.8640	.35584	.25957	.10012	3.6510	.59741
Stddev	.0310	.00055	.00023	.0257	.00094	.00375	.00083	.0138	.00241
%RSD	.92752	.18749	.11508	.29042	.26422	1.4450	.83198	.37762	.40265
#1	3.3123	.29516	.19819	8.8404	.35476	.26359	.10107	3.6659	.59547
#2	3.3484	.29476	.19823	8.8601	.35646	.25617	.09953	3.6386	.60010
#3	3.3740	.29407	.19860	8.8914	.35630	.25894	.09975	3.6484	.59666
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.56592	.17630	5.246	.17234	3.6618	29.178			
Stddev	.01321	.00065	.017	.00048	.2421	1.859			
%RSD	2.3342	.36963	.3178	.27768	6.6109	6.3705			
#1	.58115	.17555	5.228	.17279	3.5921	28.872			
#2	.55906	.17664	5.248	.17184	3.9311	27.491			
#3	.55755	.17672	5.261	.17240	3.4622	31.171			

Sample Name: K3188-01MS Acquired: 6/5/2019 13:38:26 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-PS-01-RAW Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3987.1	51557.	4615.0	64.902	4406.8
Stddev	16.5	229.	23.5	.356	11.3
%RSD	.41432	.44414	.50920	.54904	.25740
#1	3972.5	51387.	4590.3	65.100	4402.0
#2	3983.7	51818.	4617.7	64.491	4398.7
#3	4005.0	51466.	4637.0	65.116	4419.8

Sample Name: K3188-01MSD Acquired: 6/5/2019 13:42:31 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-PS-01-RAW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66192	1.8548	.91584	1.7373	.57305	11.413	.21559	.17820	.17499
Stddev	.00036	.0053	.00193	.0044	.00255	.049	.00102	.00029	.00026
%RSD	.05430	.28346	.21089	.25400	.44469	.43274	.47484	.16312	.14837

#1	.66160	1.8544	.91780	1.7347	.57226	11.429	.21576	.17794	.17470
#2	.66185	1.8497	.91394	1.7424	.57590	11.452	.21652	.17852	.17506
#3	.66231	1.8602	.91579	1.7348	.57099	11.357	.21450	.17814	.17521

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8120	.40281	.18519	.29712	21.536	.20825	1.8348	.45680	.06636
Stddev	.0208	.00139	.00078	.00115	.041	.00070	.0710	.00006	.00017
%RSD	.43204	.34519	.42047	.38721	.19167	.33710	3.8709	.01317	.25038

#1	4.8263	.40125	.18429	.29688	21.512	.20863	1.7965	.45678	.06629
#2	4.8215	.40391	.18559	.29610	21.584	.20869	1.9167	.45687	.06655
#3	4.7882	.40328	.18568	.29837	21.513	.20745	1.7911	.45676	.06624

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4695	.30041	.20412	9.0654	.35983	.27596	.10728	3.7558	.60615
Stddev	.0261	.00082	.00039	.0826	.00079	.00486	.00374	.0389	.00092
%RSD	.75248	.27363	.19036	.91149	.22045	1.7608	3.4901	1.0357	.15145

#1	3.4576	.30131	.20446	9.0524	.35893	.27541	.10447	3.7716	.60567
#2	3.4994	.30020	.20420	9.1538	.36042	.28107	.10585	3.7115	.60721
#3	3.4514	.29971	.20369	8.9901	.36015	.27140	.11153	3.7843	.60557

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58103	.17826	5.316	.17766	3.6443	28.555
Stddev	.01643	.00207	.012	.00179	.1033	2.928
%RSD	2.8279	1.1613	.2232	1.0085	2.8355	10.253

#1	.59955	.18044	5.319	.17969	3.7541	26.014
#2	.57534	.17632	5.303	.17631	3.6300	27.896
#3	.56820	.17802	5.326	.17697	3.5489	31.757

Sample Name: K3188-01MSD Acquired: 6/5/2019 13:42:31 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-PS-01-RAW Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3971.5	51099.	4566.6	64.122	4391.2
Stddev	14.8	87.	47.8	2.079	15.3
%RSD	.37161	.17091	1.0457	3.2418	.34808
#1	3955.0	51197.	4526.3	62.518	4374.4
#2	3983.3	51029.	4619.3	66.470	4404.4
#3	3976.2	51072.	4554.1	63.377	4394.7

Sample Name: K3188-01A Acquired: 6/5/2019 13:46:36 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65690	1.8353	.90841	1.7210	.57094	11.345	.21296	.17725	.17365
Stddev	.00231	.0044	.00090	.0066	.00546	.036	.00163	.00011	.00017
%RSD	.35175	.24082	.09857	.38434	.95695	.31928	.76541	.06348	.09959
#1	.65527	1.8404	.90887	1.7166	.56472	11.308	.21230	.17716	.17383
#2	.65589	1.8330	.90738	1.7179	.57312	11.381	.21482	.17738	.17349
#3	.65955	1.8325	.90898	1.7286	.57498	11.344	.21176	.17722	.17361
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8353	.39952	.18351	.29519	21.907	.20714	1.7972	.45278	.06518
Stddev	.0230	.00051	.00038	.00017	.017	.00065	.0679	.00105	.00097
%RSD	.47563	.12710	.20646	.05835	.07813	.31348	3.7799	.23217	1.4921
#1	4.8256	.39972	.18341	.29538	21.922	.20706	1.7914	.45200	.06497
#2	4.8187	.39895	.18393	.29508	21.888	.20782	1.7323	.45397	.06625
#3	4.8615	.39990	.18319	.29510	21.910	.20653	1.8678	.45236	.06434
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3096	.29733	.19531	8.9325	.35871	.27113	.09644	3.7209	.60220
Stddev	.0237	.00157	.00019	.0728	.00091	.00952	.00292	.0433	.00055
%RSD	.71506	.52905	.09617	.81549	.25431	3.5109	3.0230	1.1644	.09059
#1	3.3050	.29910	.19510	8.9198	.35830	.28211	.09435	3.7534	.60226
#2	3.3353	.29608	.19538	9.0108	.35808	.26525	.09520	3.6717	.60163
#3	3.2886	.29681	.19546	8.8668	.35976	.26603	.09977	3.7377	.60272
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.55639	.17629	5.281	.17274	3.7630	27.502			
Stddev	.00725	.00119	.003	.00103	.0933	.297			
%RSD	1.3033	.67633	.0645	.59856	2.4799	1.0794			
#1	.55342	.17755	5.277	.17390	3.6711	27.295			
#2	.55108	.17518	5.284	.17238	3.7601	27.842			
#3	.56465	.17614	5.281	.17193	3.8577	27.368			

Sample Name: K3188-01A Acquired: 6/5/2019 13:46:36 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3958.7	51066.	4580.8	62.844	4379.0
Stddev	3.3	175.	45.0	1.013	3.4
%RSD	.08372	.34219	.98183	1.6118	.07692
#1	3960.7	50943.	4531.1	63.975	4380.6
#2	3960.5	50989.	4618.7	62.536	4381.3
#3	3954.9	51266.	4592.7	62.020	4375.2

Sample Name: K3188-02 Acquired: 6/5/2019 13:50:41 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-PS-01-RAW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01594	-.00297	.10526	.01463	-.00010	21.867	.30033	.00161
Stddev	.00238	.00096	.00043	.00189	.00144	.052	.00148	.00008
%RSD	14.941	32.222	.41090	12.885	1514.4	.23879	.49380	5.0812

#1	.01393	-.00350	.10486	.01518	.00012	21.817	.29863	.00152
#2	.01532	-.00187	.10572	.01618	.00123	21.921	.30100	.00168
#3	.01857	-.00355	.10520	.01253	-.00164	21.863	.30136	.00164

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00274	119.37	.08771	.01028	.14939	29.434	1.2044	14.863
Stddev	.00003	1.05	.00037	.00031	.00042	.123	.0007	.028
%RSD	.91954	.87698	.42532	3.0331	.28138	.41762	.06052	.18819

#1	.00272	118.29	.08759	.01020	.14916	29.448	1.2052	14.833
#2	.00277	119.43	.08813	.01001	.14987	29.304	1.2038	14.868
#3	.00273	120.38	.08741	.01062	.14913	29.549	1.2041	14.889

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03126	-.00223	3.1433	.09275	.59355	6.6543	.00422	.17747
Stddev	.00026	.00050	.0233	.00060	.00057	.0157	.00014	.02321
%RSD	.84467	22.276	.74113	.64411	.09618	.23618	3.3173	13.077

#1	.03121	-.00278	3.1242	.09219	.59398	6.6572	.00438	.17783
#2	.03154	-.00182	3.1692	.09338	.59290	6.6373	.00418	.15409
#3	.03102	-.00209	3.1364	.09269	.59376	6.6683	.00411	.20050

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.240	3.9769	.00229	1.0587	.00955	5.520	.34630	3.1675
Stddev	.015	.0526	.00101	.0136	.00059	.014	.00328	.1312
%RSD	.11571	1.3222	44.134	1.2876	6.1438	.2558	.94733	4.1411

#1	13.256	3.9796	.00144	1.0501	.00896	5.534	.34251	3.1693
#2	13.226	3.9229	.00203	1.0516	.01013	5.506	.34803	3.0354
#3	13.238	4.0280	.00341	1.0744	.00955	5.518	.34835	3.2978

Sample Name: K3188-02 Acquired: 6/5/2019 13:50:41 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-PS-01-RAW Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	35.168
Stddev	1.388
%RSD	3.9470

#1	36.371
#2	33.649
#3	35.483

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4045.7	52392.	4908.8	65.093	4206.0
Stddev	1.1	31.	23.9	.861	7.5
%RSD	.02793	.05961	.48618	1.3226	.17874

#1	4046.8	52370.	4932.4	66.077	4197.7
#2	4045.5	52428.	4909.2	64.482	4207.9
#3	4044.6	52378.	4884.7	64.719	4212.4

Sample Name: K3188-03 Acquired: 6/5/2019 13:55:05 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-PS-01-CLA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14225	.00553	.17227	.00379	-.00693	88.542	.16723	.01265
Stddev	.00042	.00179	.00177	.00346	.00037	.435	.00116	.00017
%RSD	.29449	32.441	1.0253	91.348	5.2840	.49145	.69646	1.3764
#1	.14226	.00376	.17373	.00778	-.00702	88.608	.16703	.01272
#2	.14183	.00735	.17277	.00199	-.00723	88.077	.16618	.01245
#3	.14266	.00548	.17031	.00160	-.00652	88.940	.16848	.01277
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00813	41.948	.40999	.00428	.17842	233.11	.06375	1.5226
Stddev	.00031	.186	.00038	.00025	.00050	.98	.00028	.0279
%RSD	3.8522	.44256	.09253	5.9281	.27815	.42139	.43912	1.8311
#1	-.00824	41.790	.41002	.00455	.17827	232.26	.06393	1.5247
#2	-.00778	41.901	.40960	.00425	.17801	232.88	.06343	1.4937
#3	-.00838	42.152	.41035	.00405	.17897	234.18	.06390	1.5493
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00141	-.02746	1.0574	.66698	.19753	8.3170	.00795	.15114
Stddev	.00024	.00053	.0211	.00020	.00098	.0678	.00032	.00696
%RSD	17.210	1.9396	1.9924	.02972	.49810	.81499	3.9753	4.6047
#1	-.00164	-.02783	1.0782	.66721	.19640	8.3534	.00763	.14494
#2	-.00144	-.02770	1.0360	.66686	.19808	8.2388	.00826	.14981
#3	-.00115	-.02685	1.0579	.66686	.19812	8.3589	.00795	.15867
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9075	6.7640	.01377	.52453	-.00028	1.840	-.19236	<.00000
Stddev	.0063	.0391	.00100	.00567	.00089	.003	.00084	.08377
%RSD	.33018	.57875	7.2375	1.0819	319.09	.1637	.43518	5.3891
#1	1.9059	6.7303	.01270	.52147	-.00126	1.837	-.19142	-1.4603
#2	1.9144	6.7548	.01467	.53107	.00049	1.843	-.19263	-1.6206
#3	1.9021	6.8069	.01395	.52104	-.00007	1.840	-.19303	-1.5825

Sample Name: K3188-03 Acquired: 6/5/2019 13:55:05 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-PS-01-CLA Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 453.98
Stddev	1.87
%RSD	.41200

#1	453.02
#2	452.78
#3	456.13

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5131.1	65256.	6092.0	64.011	4100.8
Stddev	3.2	174.	14.7	2.264	1.7
%RSD	.06180	.26691	.24123	3.5372	.04127

#1	5133.9	65061.	6085.9	61.445	4100.1
#2	5131.8	65313.	6081.4	64.860	4102.8
#3	5127.7	65395.	6108.8	65.728	4099.6

Sample Name: K3188-04 Acquired: 6/5/2019 13:59:35 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-PS-01-RAW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15013	.00640	.09008	.01475	-.00579	50.006	.07182	.00728
Stddev	.00128	.00160	.00113	.00025	.00083	.131	.00012	.00004
%RSD	.85043	25.058	1.2545	1.6878	14.417	.26104	.16605	.54386
#1	.14891	.00501	.09018	.01480	-.00553	49.875	.07195	.00731
#2	.15001	.00604	.09116	.01497	-.00672	50.006	.07173	.00724
#3	.15146	.00815	.08891	.01448	-.00511	50.136	.07177	.00731
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01003	30.306	.30700	.00225	.12629	172.59	.03029	.52653
Stddev	.00013	.105	.00127	.00010	.00055	.43	.00020	.00749
%RSD	1.2738	.34487	.41378	4.3074	.43835	.25176	.67210	1.4232
#1	-.00990	30.243	.30708	.00231	.12603	172.30	.03008	.52632
#2	-.01015	30.427	.30569	.00230	.12692	173.09	.03030	.51915
#3	-.01005	30.249	.30823	.00214	.12591	172.39	.03048	.53413
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00399	-.01546	1.3210	.45379	.06796	3.3820	.00643	.12360
Stddev	.00040	.00070	.0042	.00256	.00031	.0154	.00024	.00434
%RSD	9.9497	4.5444	.31688	.56340	.45459	.45406	3.6872	3.5130
#1	-.00431	-.01595	1.3257	.45398	.06830	3.3958	.00624	.12418
#2	-.00412	-.01466	1.3194	.45114	.06770	3.3655	.00635	.12762
#3	-.00354	-.01579	1.3178	.45624	.06787	3.3849	.00670	.11900
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1003	8.9540	.00454	.84905	-.00412	.6704	-.15759	2.8380
Stddev	.0020	.0926	.00057	.01278	.00027	.0029	.00065	.0185
%RSD	.18359	1.0345	12.539	1.5049	6.5373	.4348	.41234	.65160
#1	1.1025	8.9571	.00390	.85698	-.00431	.6671	-.15697	2.8220
#2	1.0998	8.8599	.00498	.83431	-.00424	.6725	-.15827	2.8337
#3	1.0985	9.0451	.00474	.85586	-.00381	.6717	-.15753	2.8582

Sample Name: K3188-04 Acquired: 6/5/2019 13:59:35 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-PS-01-RAW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 236.44
Stddev 1.33
%RSD .56401

#1 237.58
#2 236.76
#3 234.97

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4188.0	53664.	4952.0	64.612	4280.7
Stddev	3.7	86.	25.8	.558	9.0
%RSD	.08756	.16083	.52160	.86289	.20988

#1	4183.9	53632.	4925.6	64.519	4275.5
#2	4189.2	53599.	4977.2	65.210	4275.5
#3	4191.0	53762.	4953.1	64.107	4291.1

Sample Name: PB120329BL Acquired: 6/5/2019 14:04:01 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120329BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00199	.00090	-.00135	.00034	-.00102	-.00682	.00136
Stddev	.00114	.00066	.00058	.00303	.00047	.00974	.00065
%RSD	57.174	73.574	43.170	879.57	46.373	142.82	48.025

#1	-.00077	.00040	-.00068	-.00290	-.00113	.00306	.00188
#2	-.00303	.00166	-.00170	.00084	-.00050	-.00711	.00063
#3	-.00216	.00065	-.00166	.00310	-.00143	-.01641	.00156

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00008	.01012	-.00014	.00010	-.00028	.00576
Stddev	.00002	.00004	.01440	.00023	.00017	.00028	.00092
%RSD	721.64	47.497	142.28	164.23	167.13	98.510	15.980

#1	.00003	.00011	.02186	-.00007	-.00009	-.00053	.00677
#2	-.00001	.00004	-.00595	.00005	.00018	.00002	.00555
#3	-.00001	.00009	.01446	-.00039	.00021	-.00034	.00497

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00708	.00048	.00029	-.01508	-.00044	-.00020
Stddev	.00003	.02064	.00004	.00039	.00908	.00015	.00003
%RSD	127.36	291.54	9.0575	132.74	60.239	33.587	15.983

#1	.00003	.01591	.00044	.00037	-.02237	-.00061	-.00023
#2	.00004	-.01314	.00047	.00064	-.01795	-.00038	-.00020
#3	-.00001	-.02401	.00052	-.00013	-.00490	-.00033	-.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01176	-.00021	-.00236	-.00320	-.00948	-.00045	.00238
Stddev	.00158	.00020	.01731	.00227	.00182	.00020	.00143
%RSD	13.467	97.362	732.45	70.969	19.163	45.135	59.770

#1	.01149	-.00039	.00600	-.00222	-.00808	-.00021	.00241
#2	.01033	.00001	-.02227	-.00158	-.00883	-.00058	.00379
#3	.01346	-.00023	.00918	-.00579	-.01154	-.00054	.00094

Sample Name: PB120329BL Acquired: 6/5/2019 14:04:01 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120329BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00385	-.0016	-.00007	F 3.6121	F<.00000
Stddev	.00116	.0015	.00002	.0311	2.2801
%RSD	30.149	93.27	27.305	.85991	89.847

#1	-.00424	-.0029	-.00005	3.5821	.06636
#2	-.00477	.0000	-.00009	3.6101	-4.1755
#3	-.00254	-.0019	-.00007	3.6441	-3.5040

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4008.6	51366.	4619.7	66.086	4565.0
Stddev	11.4	91.	11.3	2.023	8.2
%RSD	.28411	.17631	.24446	3.0620	.18056

#1	4021.5	51274.	4611.9	66.236	4572.4
#2	4004.1	51455.	4632.7	68.030	4566.3
#3	4000.1	51369.	4614.5	63.991	4556.1

Sample Name: CCV02 Acquired: 6/5/2019 14:08:29 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15059 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7945	4.8997	4.7868	4.8366	4.7982	9.3817	9.6741	.24292
Stddev	.0110	.0028	.0064	.0107	.0095	.0446	.0129	.00055
%RSD	.22990	.05675	.13279	.22209	.19858	.47531	.13308	.22441
#1	4.7891	4.8966	4.7910	4.8342	4.7882	9.3426	9.6692	.24235
#2	4.7872	4.9020	4.7795	4.8483	4.7992	9.4303	9.6887	.24296
#3	4.8072	4.9005	4.7900	4.8272	4.8071	9.3720	9.6644	.24344
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3746	24.168	.96311	2.4057	1.1998	4.8317	2.4524	24.185
Stddev	.0017	.091	.00034	.0010	.0012	.0093	.0017	.094
%RSD	.07292	.37833	.03536	.04293	.10114	.19190	.07108	.38798
#1	2.3729	24.078	.96329	2.4046	1.1985	4.8423	2.4540	24.179
#2	2.3747	24.166	.96331	2.4058	1.2010	4.8278	2.4526	24.094
#3	2.3763	24.261	.96271	2.4066	1.1998	4.8250	2.4505	24.282
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3746	1.2104	24.089	2.4287	2.4031	23.472	4.8083	4.6646
Stddev	.0030	.0026	.027	.0041	.0008	.027	.0044	.0066
%RSD	.12720	.21786	.11379	.16872	.03404	.11467	.09221	.14162
#1	2.3716	1.2127	24.095	2.4335	2.4022	23.500	4.8045	4.6688
#2	2.3748	1.2110	24.113	2.4260	2.4036	23.471	4.8073	4.6570
#3	2.3776	1.2075	24.059	2.4268	2.4036	23.446	4.8132	4.6681
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7800	4.6981	4.7782	4.8165	4.6260	4.861	4.8440	4.9075
Stddev	.0081	.0294	.0095	.0297	.0257	.009	.0263	.1420
%RSD	.17036	.62598	.19895	.61587	.55658	.1832	.54407	2.8943
#1	4.7765	4.6890	4.7673	4.7893	4.6189	4.851	4.8277	5.0195
#2	4.7893	4.6743	4.7850	4.8121	4.6046	4.868	4.8299	4.9551
#3	4.7742	4.7310	4.7823	4.8481	4.6546	4.865	4.8744	4.7477

Sample Name: CCV02 Acquired: 6/5/2019 14:08:29 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15059 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .17668
Stddev	1.9971
%RSD	1130.4

#1	-1.6921
#2	-.05912
#3	2.2812

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3831.4	48708.	4569.6	62.005	4027.8
Stddev	5.3	126.	15.8	1.906	8.1
%RSD	.13872	.25912	.34603	3.0747	.20047

#1	3826.7	48606.	4577.0	64.206	4019.9
#2	3837.2	48668.	4580.3	60.891	4036.0
#3	3830.3	48849.	4551.4	60.918	4027.4

Sample Name: CCB02 Acquired: 6/5/2019 14:12:28 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15059 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	.00024	-.00188	.00062	-.00152	-.00677	.00155
Stddev	.00125	.00080	.00065	.00137	.00078	.01868	.00039
%RSD	265.35	332.01	34.561	220.67	51.740	275.82	25.066

#1	-.00097	-.00024	-.00158	.00049	-.00076	-.01176	.00121
#2	.00132	.00116	-.00144	-.00068	-.00146	.01390	.00147
#3	.00106	-.00020	-.00263	.00205	-.00233	-.02245	.00198

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00008	-.00944	.00040	.00014	-.00020	.00001
Stddev	.00008	.00002	.01654	.00004	.00020	.00020	.00064
%RSD	5969.3	23.604	175.25	10.839	151.08	100.86	6800.6

#1	.00008	.00006	-.01748	.00036	-.00003	-.00008	-.00021
#2	-.00007	.00010	-.02042	.00045	.00007	-.00042	-.00049
#3	-.00002	.00008	.00959	.00039	.00037	-.00009	.00073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00963	.00007	-.00000	-.00593	-.00027	-.00012
Stddev	.00008	.03412	.00012	.00045	.00564	.00031	.00005
%RSD	83.730	354.22	180.67	10724.	95.152	115.17	41.368

#1	.00010	.02218	.00018	.00049	-.00588	-.00030	-.00014
#2	.00001	-.00542	.00008	-.00038	-.00031	-.00057	-.00015
#3	.00017	-.04566	-.00006	-.00013	-.01160	.00005	-.00006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03711	.00003	.00192	-.00592	-.00850	-.00020	.00057
Stddev	.03653	.00014	.00426	.00061	.00135	.00056	.00156
%RSD	98.441	425.89	221.45	10.311	15.867	282.21	272.93

#1	.01647	-.00005	.00547	-.00625	-.00733	.00043	.00062
#2	.01557	-.00005	-.00280	-.00629	-.00997	-.00065	.00211
#3	.07929	.00019	.00311	-.00521	-.00819	-.00039	-.00101

Sample Name: CCB02 Acquired: 6/5/2019 14:12:28 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15059 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00582	-.0018	.00012	F 3.5582	F<.00000
Stddev	.00135	.0003	.00004	.2018	.86927
%RSD	23.260	15.81	32.670	5.6724	42.289
#1	-.00668	-.0020	.00017	3.3404	-1.0952
#2	-.00652	-.0015	.00010	3.7390	-2.7885
#3	-.00426	-.0020	.00010	3.5951	-2.2830
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3988.9	50806.	4599.1	65.266	4529.1
Stddev	6.9	97.	22.3	1.559	6.4
%RSD	.17392	.19052	.48499	2.3887	.14079
#1	3994.7	50721.	4582.9	65.170	4526.5
#2	3981.2	50786.	4589.9	63.757	4524.4
#3	3990.8	50911.	4624.5	66.870	4536.4

Sample Name: PB120329BS Acquired: 6/5/2019 14:16:36 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120329BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77073	2.0719	1.0029	1.9883	.78799	1.9662	.20612	.20002
Stddev	.00168	.0066	.0007	.0064	.00092	.0222	.00160	.00039
%RSD	.21848	.31757	.07161	.32225	.11628	1.1267	.77651	.19451
#1	.77016	2.0643	1.0020	1.9878	.78781	1.9407	.20444	.20026
#2	.76941	2.0765	1.0031	1.9822	.78717	1.9794	.20763	.20024
#3	.77263	2.0748	1.0034	1.9950	.78898	1.9786	.20627	.19958
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19471	1.1891	.42293	.20449	.32125	3.1933	.21510	2.0024
Stddev	.00099	.0054	.00053	.00018	.00074	.0043	.00039	.0765
%RSD	.50847	.45418	.12526	.08950	.23091	.13608	.18083	3.8190
#1	.19464	1.1933	.42353	.20438	.32048	3.1975	.21531	1.9375
#2	.19375	1.1909	.42252	.20438	.32131	3.1935	.21534	2.0867
#3	.19573	1.1830	.42275	.20470	.32196	3.1888	.21465	1.9830
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50531	.07471	3.0663	.31860	.19737	9.8293	.41348	.29520
Stddev	.00031	.00045	.0374	.00026	.00011	.1219	.00067	.01421
%RSD	.06199	.60064	1.2195	.08132	.05760	1.2397	.16198	4.8125
#1	.50504	.07449	3.0372	.31867	.19725	9.7538	.41278	.30614
#2	.50523	.07522	3.1085	.31831	.19737	9.9699	.41411	.27914
#3	.50566	.07441	3.0533	.31881	.19748	9.7642	.41356	.30030
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .73290	.91482	.69308	.21232	.20323	5.622	.20804	F 4.2741
Stddev	.01547	.01253	.00108	.00414	.00278	.005	.00221	.0980
%RSD	2.1102	1.3694	.15631	1.9515	1.3686	.0907	1.0608	2.2929
#1	.74942	.92739	.69316	.21709	.20597	5.616	.21057	4.3870
#2	.73051	.90234	.69412	.21026	.20040	5.623	.20655	4.2107
#3	.71877	.91473	.69196	.20961	.20332	5.626	.20698	4.2247

Sample Name: PB120329BS Acquired: 6/5/2019 14:16:36 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120329BS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 7.1511
 Stddev 1.4606
 %RSD 20.425

#1 6.0189
 #2 8.7998
 #3 6.6346

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3914.8	50197.	4488.8	63.598	4363.9
Stddev	7.7	175.	86.2	1.595	2.7
%RSD	.19736	.34825	1.9193	2.5080	.06169

#1	3906.1	50137.	4390.9	62.366	4360.9
#2	3921.0	50059.	4552.9	65.400	4366.0
#3	3917.2	50393.	4522.7	63.030	4364.8

Sample Name: PB120334BL Acquired: 6/5/2019 14:20:44 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120334BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00136	-.00009	-.00140	.00283	.00043	.00152	.00110
Stddev	.00088	.00067	.00050	.00234	.00122	.01033	.00027
%RSD	64.918	780.49	35.681	82.623	283.41	681.35	24.713

#1	.00091	.00012	-.00086	.00024	-.00045	.00822	.00079
#2	.00238	.00046	-.00185	.00346	.00183	-.01038	.00128
#3	.00079	-.00083	-.00149	.00480	-.00008	.00671	.00123

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00003	.00305	.00010	.00002	-.00005	.00088
Stddev	.00006	.00005	.00671	.00030	.00005	.00008	.00042
%RSD	1141.5	177.00	220.18	313.34	237.22	148.32	47.903

#1	-.00007	-.00002	.00767	.00025	.00003	-.00010	.00097
#2	.00006	.00002	.00612	.00029	.00006	-.00010	.00042
#3	-.00001	.00009	-.00465	-.00025	-.00003	.00004	.00126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.05974	.00009	.00058	-.02271	-.00006	-.00021
Stddev	.00009	.01238	.00027	.00030	.00775	.00024	.00006
%RSD	223.85	20.730	299.81	50.702	34.142	393.38	29.488

#1	.00012	-.05419	.00015	.00030	-.01952	-.00034	-.00028
#2	-.00006	-.05110	.00032	.00089	-.01706	.00013	-.00017
#3	.00005	-.07393	-.00021	.00056	-.03155	.00002	-.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03064	-.00026	-.00396	-.00310	-.00979	-.00023	.00005
Stddev	.01710	.00037	.01415	.00211	.00322	.00058	.00092
%RSD	55.799	144.61	357.40	68.118	32.916	251.33	1726.1

#1	.02857	-.00068	-.01314	-.00167	-.00711	.00034	-.00077
#2	.01467	-.00010	.01233	-.00210	-.00888	-.00022	.00105
#3	.04868	.00001	-.01106	-.00552	-.01336	-.00082	-.00012

Sample Name: PB120334BL Acquired: 6/5/2019 14:20:44 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120334BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00441	-.0004	.00005	F 3.7429	F<.00000
Stddev	.00115	.0022	.00013	.1191	1.1890
%RSD	26.117	537.2	264.19	3.1814	35.880

#1	-.00552	-.0008	-.00010	3.6370	-2.8493
#2	-.00450	.0020	.00014	3.8718	-4.6650
#3	-.00322	-.0024	.00011	3.7198	-2.4272

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3992.3	50996.	4611.6	65.152	4535.7
Stddev	12.3	335.	15.9	.737	6.5
%RSD	.30915	.65772	.34510	1.1315	.14339

#1	3978.3	50641.	4594.9	64.991	4528.3
#2	3997.1	51041.	4613.3	64.509	4540.4
#3	4001.5	51308.	4626.6	65.957	4538.5

Sample Name: PB120334BS Acquired: 6/5/2019 14:25:13 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120334BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73383	1.9566	.95334	1.8705	.75699	1.8718	.19649
Stddev	.00887	.0043	.00551	.0135	.00728	.0138	.00126
%RSD	1.2093	.22084	.57764	.72093	.96216	.73618	.64322
#1	.72420	1.9521	.94775	1.8550	.74945	1.8640	.19533
#2	.74167	1.9606	.95876	1.8789	.76399	1.8637	.19630
#3	.73561	1.9572	.95350	1.8777	.75753	1.8877	.19784
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18621	.18484	1.1362	.40873	.19624	.30578	3.0619
Stddev	.00043	.00140	.0017	.00178	.00082	.00211	.0127
%RSD	.23182	.75923	.14727	.43565	.41763	.68879	.41629
#1	.18579	.18338	1.1368	.40669	.19530	.30368	3.0496
#2	.18666	.18617	1.1375	.40995	.19683	.30789	3.0610
#3	.18618	.18497	1.1343	.40956	.19658	.30578	3.0750
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20741	1.9120	.48072	.07017	2.9174	.30835	.18393
Stddev	.00111	.0469	.00264	.00070	.0136	.00131	.00154
%RSD	.53750	2.4547	.54883	.99926	.46526	.42568	.83496
#1	.20617	1.9632	.47768	.07053	2.9022	.30684	.18218
#2	.20771	1.9018	.48218	.06936	2.9285	.30896	.18502
#3	.20834	1.8710	.48231	.07062	2.9214	.30924	.18461
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3011	.40882	.27183	F -.00853	.87040	.66172	.20579
Stddev	.0636	.00207	.00409	.00146	.00222	.00532	.00342
%RSD	.68381	.50706	1.5052	17.087	.25526	.80410	1.6627
#1	9.2404	.40691	.27654	-.00810	.86865	.65639	.20343
#2	9.2955	.41102	.26911	-.01016	.86966	.66703	.20422
#3	9.3673	.40853	.26984	-.00734	.87290	.66175	.20971

Sample Name: PB120334BS Acquired: 6/5/2019 14:25:13 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120334BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19038	5.285	.19917	F 4.3869	F 5.1952
Stddev	.00056	.024	.00106	.1703	1.5530
%RSD	.29415	.4545	.53138	3.8822	29.893
#1	.19005	5.262	.19815	4.1902	6.1371
#2	.19006	5.310	.19911	4.4877	3.4027
#3	.19103	5.285	.20026	4.4827	6.0458
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3888.3	50235.	4480.6	63.674	4367.8
Stddev	8.3	145.	12.4	1.240	4.0
%RSD	.21428	.28839	.27595	1.9483	.09064
#1	3896.0	50170.	4489.3	62.245	4372.3
#2	3879.4	50400.	4486.2	64.300	4366.3
#3	3889.4	50133.	4466.5	64.477	4364.9

Sample Name: PB120334TB Acquired: 6/5/2019 14:29:21 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00095	-.00153	.00170	.00312	.00052	.01211	.00078	-.00010
Stddev	.00148	.00181	.00109	.00345	.00157	.00665	.00088	.00004
%RSD	155.51	118.12	64.266	110.70	300.01	54.905	112.19	46.837
#1	-.00168	-.00000	.00271	.00152	-.00017	.01900	.00179	-.00004
#2	.00075	-.00352	.00054	.00708	-.00058	.01158	.00023	-.00012
#3	-.00192	-.00106	.00183	.00075	.00232	.00574	.00032	-.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00593	.00076	.00018	.00001	.00237	.00011	.02174
Stddev	.00005	.01075	.00022	.00015	.00016	.00061	.00003	.06493
%RSD	461.78	181.38	28.204	80.359	3066.6	25.568	24.349	298.67
#1	.00001	.00538	.00065	.00027	.00010	.00233	.00014	-.00654
#2	-.00004	.01694	.00101	.00026	.00009	.00300	.00008	-.02425
#3	.00007	-.00454	.00063	.00001	-.00018	.00179	.00010	.09602
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00199	.00207	F 406.18	.00021	.00148	.16473	-.00003	-.00018
Stddev	.00031	.00024	5.61	.00026	.00006	.07851	.00032	.02538
%RSD	15.535	11.732	1.3816	120.21	3.9399	47.659	991.76	13802.
#1	.00184	.00233	399.70	-.00006	.00152	.08447	.00034	-.00028
#2	.00179	.00203	409.24	.00045	.00141	.16836	-.00021	.02525
#3	.00234	.00185	409.59	.00024	.00150	.24135	-.00022	-.02552
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00456	-.00350	.00045	.00256	.00425	-.0022	.00002	5.7658
Stddev	.00352	.00278	.00078	.00093	.00287	.0014	.00005	.2010
%RSD	77.160	79.289	175.16	36.383	67.634	62.82	276.52	3.4862
#1	.00851	-.00292	.00064	.00183	.00181	-.0021	-.00001	5.5339
#2	.00178	-.00106	.00112	.00361	.00351	-.0009	-.00001	5.8733
#3	.00339	-.00653	-.00041	.00225	.00742	-.0036	.00008	5.8902

Sample Name: PB120334TB Acquired: 6/5/2019 14:29:21 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .52228
%RSD 3.4536

#1 -14.527
#2 -15.500
#3 -15.341

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3645.0	45615.	4438.1	62.578	3810.3
Stddev	18.9	86.	6.7	1.853	23.1
%RSD	.51753	.18923	.15051	2.9607	.60679

#1	3638.5	45707.	4445.8	61.784	3794.7
#2	3666.2	45603.	4434.1	61.255	3836.9
#3	3630.2	45535.	4434.3	64.695	3799.5

Sample Name: PB120327BL Acquired: 6/5/2019 14:33:57 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120327BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	-.00024	-.00112	.00063	-.00114	-.00839	.00062
Stddev	.00248	.00057	.00088	.00128	.00164	.00632	.00007
%RSD	794.60	235.13	78.429	203.64	144.28	75.388	11.643

#1	.00278	-.00065	-.00015	.00166	-.00275	-.00180	.00067
#2	.00034	.00041	-.00133	-.00080	.00054	-.00895	.00054
#3	-.00219	-.00050	-.00187	.00102	-.00121	-.01440	.00064

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00002	-.00235	.00008	.00026	-.00023	.00023
Stddev	.00001	.00004	.00810	.00023	.00008	.00054	.00018
%RSD	39.880	235.26	344.53	302.07	29.582	235.34	78.108

#1	.00004	-.00006	.00613	.00014	.00017	.00024	.00027
#2	.00004	.00001	-.00317	-.00018	.00029	-.00082	.00039
#3	.00002	-.00000	-.01001	.00027	.00031	-.00010	.00003

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.05237	.00024	.00089	.15958	-.00008	.00044
Stddev	.00005	.06492	.00048	.00024	.01046	.00025	.00011
%RSD	96.989	123.97	200.85	26.547	6.5526	315.00	24.694

#1	.00011	.02018	.00037	.00066	.17165	.00016	.00035
#2	.00005	-.07230	-.00029	.00089	.15385	-.00006	.00041
#3	.00000	-.10500	.00064	.00113	.15324	-.00033	.00057

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26493	-.00026	-.00150	-.00247	-.01217	-.00052	-.00032
Stddev	.03327	.00007	.00466	.00255	.00241	.00019	.00248
%RSD	12.558	25.260	309.74	103.18	19.831	36.862	786.17

#1	.30250	-.00025	.00104	-.00105	-.00994	-.00033	.00013
#2	.23923	-.00020	.00133	-.00095	-.01183	-.00071	-.00298
#3	.25304	-.00033	-.00688	-.00541	-.01473	-.00052	.00191

Sample Name: PB120327BL Acquired: 6/5/2019 14:33:57 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120327BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00710	-.0018	.00003	F 3.9905	F<.00000
Stddev	.00115	.0015	.00007	.1561	.60675
%RSD	16.250	84.94	241.59	3.9116	23.591

#1	.00843	-.0007	-.00000	4.0604	-2.6223
#2	.00647	-.0035	.00011	3.8117	-1.9416
#3	.00639	-.0011	-.00002	4.0994	-3.1519

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3970.6	50877.	4594.5	64.895	4501.7
Stddev	6.2	186.	20.6	.537	9.9
%RSD	.15697	.36618	.44875	.82718	.21886

#1	3972.2	50691.	4599.3	65.136	4513.1
#2	3963.7	50877.	4572.0	65.268	4495.1
#3	3975.8	51064.	4612.4	64.280	4497.1

Sample Name: PB120327BS Acquired: 6/5/2019 14:40:05 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120327BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75137	2.0344	.96890	1.9725	.77501	1.8653	.19828
Stddev	.00494	.0066	.00083	.0111	.00315	.0139	.00150
%RSD	.65682	.32676	.08544	.56394	.40653	.74572	.75871

#1	.75540	2.0383	.96975	1.9821	.77732	1.8812	.19681
#2	.74586	2.0267	.96810	1.9604	.77629	1.8554	.19981
#3	.75284	2.0381	.96884	1.9751	.77142	1.8593	.19823

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19749	.19039	1.1342	.40448	.19681	.31113	3.0696
Stddev	.00080	.00043	.0143	.00043	.00031	.00122	.0030
%RSD	.40317	.22371	1.2567	.10629	.15570	.39323	.09883

#1	.19659	.19041	1.1421	.40462	.19696	.31209	3.0729
#2	.19776	.18996	1.1178	.40400	.19646	.30975	3.0688
#3	.19812	.19081	1.1428	.40482	.19702	.31155	3.0670

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20684	1.8908	.48511	.07384	3.0095	.30285	.19202
Stddev	.00060	.0530	.00144	.00073	.0249	.00101	.00045
%RSD	.29131	2.8039	.29607	.99493	.82830	.33300	.23550

#1	.20614	1.8481	.48659	.07307	2.9827	.30400	.19231
#2	.20716	1.8741	.48373	.07453	3.0321	.30239	.19150
#3	.20721	1.9501	.48501	.07390	3.0136	.30215	.19225

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4754	.40196	.27692	F -.00680	.89371	.68392	.20308
Stddev	.0422	.00193	.01424	.00371	.01031	.00142	.00088
%RSD	.44544	.48085	5.1439	54.546	1.1536	.20799	.43409

#1	9.5181	.40298	.26066	-.01072	.90088	.68547	.20238
#2	9.4745	.39973	.28723	-.00334	.89835	.68361	.20407
#3	9.4337	.40316	.28286	-.00635	.88189	.68268	.20280

Sample Name: PB120327BS Acquired: 6/5/2019 14:40:05 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120327BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19554	5.528	.19713	F 4.6180	F 4.8569
Stddev	.00190	.015	.00029	.0876	.5641
%RSD	.97372	.2673	.14752	1.8959	11.614
#1	.19647	5.534	.19709	4.5169	5.3716
#2	.19679	5.511	.19743	4.6696	4.2539
#3	.19334	5.539	.19685	4.6675	4.9453
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3916.1	49883.	4525.5	63.869	4348.6
Stddev	12.1	193.	31.4	2.287	6.0
%RSD	.30961	.38758	.69314	3.5805	.13782
#1	3903.5	49771.	4499.4	61.236	4344.6
#2	3927.7	50106.	4560.3	65.007	4355.5
#3	3917.2	49772.	4516.9	65.364	4345.8

Sample Name: PB120330BL Acquired: 6/5/2019 14:44:11 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00054	.00066	-.00109	-.00014	.00006	-.00315	.00089
Stddev	.00334	.00031	.00043	.00180	.00078	.00406	.00018
%RSD	623.60	46.128	39.002	1244.4	1390.4	129.20	19.764

#1	.00180	.00031	-.00150	.00012	-.00004	-.00005	.00089
#2	-.00436	.00084	-.00065	-.00206	.00088	-.00775	.00071
#3	.00096	.00085	-.00113	.00150	-.00068	-.00164	.00106

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00002	.00507	-.00003	.00012	-.00033	-.00005
Stddev	.00005	.00007	.00829	.00046	.00013	.00011	.00079
%RSD	269.99	284.39	163.43	1689.9	114.04	32.991	1450.7

#1	.00003	.00005	-.00345	-.00053	.00024	-.00025	-.00030
#2	.00006	-.00002	.00556	.00038	-.00002	-.00028	-.00069
#3	-.00004	-.00010	.01311	.00007	.00013	-.00045	.00083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.04164	-.00006	.00037	.01918	-.00002	-.00020
Stddev	.00002	.00607	.00011	.00012	.00846	.00015	.00003
%RSD	59.657	14.584	180.01	34.006	44.104	743.65	14.180

#1	.00005	-.04818	.00001	.00023	.02013	.00014	-.00022
#2	.00001	-.04055	-.00019	.00047	.01029	-.00016	-.00017
#3	.00006	-.03619	-.00001	.00041	.02713	-.00005	-.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05408	-.00019	-.01035	-.00516	-.01209	-.00087	.00044
Stddev	.01187	.00043	.00820	.00145	.00169	.00093	.00283
%RSD	21.956	226.15	79.250	28.088	13.981	107.46	637.91

#1	.06454	.00030	-.01663	-.00449	-.01114	-.00191	-.00100
#2	.05654	-.00050	-.00107	-.00682	-.01108	-.00011	-.00137
#3	.04117	-.00036	-.01333	-.00416	-.01404	-.00058	.00370

Sample Name: PB120330BL Acquired: 6/5/2019 14:44:11 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00212	-.0014	.00007	F 4.1019	F<.00000
Stddev	.00083	.0013	.00014	.1209	.98780
%RSD	38.959	98.52	194.11	2.9481	34.444
#1	-.00228	-.0008	.00022	4.2363	-2.6484
#2	-.00286	-.0029	-.00006	4.0677	-2.0082
#3	-.00123	-.0004	.00005	4.0018	-3.9469
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3945.4	50504.	4559.6	64.739	4480.8
Stddev	5.0	83.	28.4	.746	16.9
%RSD	.12750	.16451	.62301	1.1516	.37674
#1	3939.6	50408.	4551.0	63.950	4461.7
#2	3947.7	50555.	4536.4	65.432	4486.9
#3	3948.8	50549.	4591.3	64.834	4493.8

Sample Name: PB120330BS Acquired: 6/5/2019 14:48:38 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73808	2.0046	.95574	1.9462	.76567	1.8540	.19323
Stddev	.00448	.0081	.00128	.0088	.00386	.0217	.00240
%RSD	.60634	.40215	.13402	.45112	.50388	1.1699	1.2407

#1	.74286	2.0071	.95644	1.9406	.76434	1.8547	.19092
#2	.73398	2.0111	.95652	1.9417	.76266	1.8754	.19570
#3	.73740	1.9956	.95426	1.9563	.77002	1.8320	.19306

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19457	.18769	1.1105	.39881	.19425	.30661	3.0196
Stddev	.00033	.00056	.0081	.00176	.00059	.00102	.0071
%RSD	.16958	.29721	.73236	.44158	.30544	.33409	.23641

#1	.19444	.18731	1.1017	.39833	.19406	.30597	3.0217
#2	.19495	.18742	1.1121	.40075	.19377	.30606	3.0116
#3	.19432	.18833	1.1178	.39733	.19491	.30779	3.0254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20284	1.8905	.47857	.07203	2.9157	.29645	.18896
Stddev	.00033	.0260	.00123	.00024	.0237	.00044	.00036
%RSD	.16158	1.3745	.25616	.32807	.81234	.14873	.19083

#1	.20317	1.8683	.47717	.07198	2.8938	.29603	.18930
#2	.20284	1.8840	.47943	.07228	2.9408	.29642	.18858
#3	.20252	1.9191	.47911	.07182	2.9125	.29691	.18901

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.2785	.39723	.27977	F -.00434	.87981	.67591	.20168
Stddev	.0371	.00194	.00927	.00041	.00291	.00112	.00279
%RSD	.39936	.48813	3.3140	9.4190	.33082	.16528	1.3815

#1	9.2367	.39655	.28996	-.00418	.88234	.67707	.20483
#2	9.3073	.39573	.27183	-.00480	.87663	.67582	.20068
#3	9.2917	.39942	.27751	-.00403	.88047	.67484	.19953

Sample Name: PB120330BS Acquired: 6/5/2019 14:48:38 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18606	5.440	.19285	F 4.3272	F 4.6431
Stddev	.00103	.004	.00035	.0884	.5600
%RSD	.55463	.0642	.17890	2.0423	12.060
#1	.18709	5.444	.19252	4.4091	5.2826
#2	.18503	5.437	.19284	4.2335	4.4066
#3	.18606	5.439	.19321	4.3391	4.2403
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3939.5	50201.	4542.1	64.501	4378.6
Stddev	16.3	166.	8.5	.568	10.0
%RSD	.41471	.33034	.18677	.88118	.22741
#1	3932.2	50258.	4534.7	63.859	4368.6
#2	3958.2	50014.	4540.4	64.702	4388.5
#3	3928.1	50331.	4551.4	64.941	4378.6

Sample Name: K3183-01 Acquired: 6/5/2019 14:53:45 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 2019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10530	.00594	1.7722	.01522	.00180	141.94	1.4235	.01927
Stddev	.00318	.00153	.0053	.00234	.00165	.91	.0103	.00019
%RSD	3.0164	25.734	.29807	15.367	91.771	.63819	.72578	1.0052
#1	.10501	.00575	1.7665	.01647	.00103	142.61	1.4323	.01948
#2	.10228	.00755	1.7769	.01252	.00369	140.91	1.4121	.01910
#3	.10861	.00451	1.7732	.01666	.00067	142.29	1.4261	.01922
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00370	104.52	.21609	.12602	.89788	252.09	3.4333	52.585
Stddev	.00028	.62	.00260	.00038	.00153	1.78	.0293	.185
%RSD	7.6446	.59240	1.2036	.29969	.17068	.70540	.85451	.35191
#1	-.00402	105.09	.21909	.12563	.89890	253.93	3.4668	52.693
#2	-.00359	104.62	.21453	.12605	.89612	250.38	3.4122	52.372
#3	-.00349	103.86	.21464	.12639	.89861	251.98	3.4209	52.692
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18303	-.02776	3.6169	.40335	3.7841	18.514	.00266	.57250
Stddev	.00153	.00043	.0320	.00220	.0034	.140	.00003	.00993
%RSD	.83804	1.5609	.88496	.54474	.09006	.75493	1.2511	1.7351
#1	.18133	-.02823	3.6322	.40589	3.7809	18.554	.00264	.58397
#2	.18431	-.02737	3.5801	.40194	3.7877	18.358	.00270	.56659
#3	.18345	-.02770	3.6384	.40223	3.7838	18.629	.00265	.56694
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4172	5.2594	.37614	1.4543	.15389	7.066	.20755	3.1390
Stddev	.0088	.1335	.00234	.0154	.00185	.023	.00514	.0201
%RSD	.25881	2.5387	.62291	1.0572	1.1995	.3276	2.4762	.64029
#1	3.4087	5.4020	.37355	1.4632	.15567	7.040	.20837	3.1430
#2	3.4263	5.2391	.37811	1.4631	.15401	7.082	.21223	3.1172
#3	3.4167	5.1372	.37677	1.4365	.15198	7.077	.20205	3.1568

Sample Name: K3183-01 Acquired: 6/5/2019 14:53:45 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 2019 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 400.28
 Stddev 1.54
 %RSD .38455

#1 400.60
 #2 401.63
 #3 398.60

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4238.9	53874.	5205.4	62.063	3858.2
Stddev	4.7	502.	73.0	1.095	4.3
%RSD	.11080	.93208	1.4017	1.7637	.11132

#1	4233.7	53315.	5149.5	61.128	3862.4
#2	4242.9	54288.	5178.9	63.267	3853.8
#3	4240.0	54018.	5287.9	61.794	3858.3

Sample Name: K3183-03 Acquired: 6/5/2019 14:58:07 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-060419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10539	.00219	1.6921	.01404	-.00012	126.71	1.1958	.01963
Stddev	.00411	.00064	.0086	.00422	.00050	.19	.0049	.00002
%RSD	3.9022	29.218	.50544	30.046	429.68	.14864	.40948	.07807
#1	.10170	.00292	1.7013	.01158	.00029	126.57	1.1933	.01961
#2	.10982	.00191	1.6844	.01890	.00004	126.65	1.1926	.01964
#3	.10465	.00174	1.6906	.01162	-.00067	126.92	1.2014	.01963
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00308	96.772	.19379	.12227	.85981	237.61	3.2565	53.703
Stddev	.00029	.434	.00010	.00064	.00484	.60	.0026	.120
%RSD	9.3183	.44827	.05129	.52243	.56274	.25051	.08054	.22396
#1	-.00286	96.376	.19389	.12294	.86465	238.10	3.2547	53.720
#2	-.00298	96.704	.19370	.12166	.85497	236.95	3.2595	53.815
#3	-.00340	97.235	.19377	.12221	.85980	237.78	3.2552	53.576
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16854	-.02672	4.1316	.38098	4.1941	24.647	.00083	.82679
Stddev	.00057	.00061	.0256	.00133	.0193	.079	.00025	.00416
%RSD	.34095	2.2994	.61927	.34849	.46009	.31960	29.736	.50312
#1	.16917	-.02604	4.1355	.38038	4.2163	24.736	.00111	.82705
#2	.16841	-.02688	4.1042	.38006	4.1808	24.586	.00073	.83081
#3	.16804	-.02724	4.1550	.38251	4.1853	24.619	.00064	.82251
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0739	4.4557	.20308	1.9039	.12629	7.142	.13440	2.3411
Stddev	.0117	.0364	.00061	.0061	.00025	.024	.00336	.1712
%RSD	.37910	.81575	.30057	.32055	.19946	.3301	2.4979	7.3144
#1	3.0870	4.4141	.20351	1.9023	.12652	7.167	.13058	2.2823
#2	3.0648	4.4815	.20238	1.8988	.12633	7.120	.13690	2.5340
#3	3.0699	4.4714	.20334	1.9107	.12602	7.138	.13571	2.2070

Sample Name: K3183-03 Acquired: 6/5/2019 14:58:07 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-060419 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 378.43
Stddev	1.87
%RSD	.49441

#1	379.04
#2	376.34
#3	379.93

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4353.1	54884.	5241.3	61.770	3926.4
Stddev	26.5	92.	15.6	1.293	22.2
%RSD	.60987	.16703	.29679	2.0925	.56600

#1	4322.5	54784.	5258.5	63.222	3900.7
#2	4370.1	54964.	5228.3	60.746	3939.4
#3	4366.7	54903.	5237.1	61.342	3939.0

Sample Name: CCV03 Acquired: 6/5/2019 15:02:32 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15060 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9108	5.0225	4.9075	4.9670	4.9143	9.5768	9.8936	.24854
Stddev	.0071	.0034	.0148	.0152	.0087	.1143	.0872	.00111
%RSD	.14498	.06660	.30135	.30639	.17686	1.1935	.88132	.44571
#1	4.9173	5.0217	4.9151	4.9600	4.9239	9.4634	9.8006	.24730
#2	4.9118	5.0196	4.8905	4.9844	4.9070	9.5751	9.9068	.24944
#3	4.9032	5.0262	4.9170	4.9565	4.9119	9.6920	9.9735	.24887
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4384	24.718	.99028	2.4686	1.2278	4.9545	2.5036	24.598
Stddev	.0044	.074	.00190	.0038	.0017	.0071	.0029	.250
%RSD	.18027	.29760	.19189	.15361	.14182	.14340	.11607	1.0156
#1	2.4414	24.765	.98816	2.4705	1.2293	4.9568	2.5054	24.390
#2	2.4334	24.757	.99182	2.4643	1.2281	4.9601	2.5051	24.527
#3	2.4404	24.633	.99087	2.4712	1.2259	4.9465	2.5003	24.875
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4363	1.2473	24.580	2.4895	2.4582	24.216	4.9351	4.7631
Stddev	.0066	.0019	.119	.0027	.0034	.172	.0016	.0210
%RSD	.26995	.15251	.48263	.10857	.13950	.71060	.03171	.43983
#1	2.4374	1.2476	24.449	2.4873	2.4590	24.032	4.9343	4.7389
#2	2.4293	1.2453	24.612	2.4925	2.4545	24.242	4.9370	4.7738
#3	2.4423	1.2490	24.680	2.4885	2.4612	24.373	4.9342	4.7765
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8927	4.9041	4.9070	4.9300	4.7684	5.023	5.0028	4.8288
Stddev	.0063	.0192	.0032	.0204	.0202	.005	.0180	.1989
%RSD	.12958	.39181	.06533	.41385	.42331	.1058	.35898	4.1183
#1	4.8955	4.9235	4.9036	4.9078	4.7451	5.022	4.9821	4.8615
#2	4.8972	4.9037	4.9075	4.9479	4.7791	5.019	5.0151	5.0093
#3	4.8854	4.8850	4.9100	4.9342	4.7810	5.029	5.0111	4.6156

Sample Name: CCV03 Acquired: 6/5/2019 15:02:32 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15060 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .05114
Stddev	.61833
%RSD	1209.2

#1	.02494
#2	-.55367
#3	.68214

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3782.1	47704.	4449.4	61.278	3969.4
Stddev	8.0	70.	21.3	1.731	3.7
%RSD	.21250	.14570	.47793	2.8247	.09247

#1	3781.5	47750.	4428.3	61.428	3966.3
#2	3774.4	47737.	4449.0	59.477	3968.4
#3	3790.4	47624.	4470.8	62.929	3973.4

Sample Name: CCB03 Acquired: 6/5/2019 15:06:30 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15060 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	.00101	-.00052	.00079	-.00039	-.00165	.00040
Stddev	.00111	.00094	.00053	.00103	.00071	.01181	.00013
%RSD	178.08	93.602	102.19	130.83	181.61	715.85	32.750

#1	.00187	.00144	-.00108	.00197	-.00078	.00009	.00054
#2	-.00029	-.00007	-.00003	.00006	-.00081	-.01423	.00038
#3	.00029	.00166	-.00044	.00034	.00043	.00919	.00028

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00012	.00475	.00018	.00023	-.00037	.00149
Stddev	.00003	.00004	.01244	.00007	.00001	.00039	.00034
%RSD	3618.3	29.319	262.24	40.270	4.4153	103.36	22.499

#1	.00001	.00012	.00600	.00010	.00023	-.00080	.00186
#2	-.00004	.00009	-.00828	.00018	.00022	-.00029	.00120
#3	.00003	.00016	.01651	.00024	.00024	-.00004	.00140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.04763	.00014	.00038	.00957	-.00008	.00009
Stddev	.00002	.09089	.00034	.00012	.00956	.00040	.00007
%RSD	21.453	190.83	252.13	31.346	99.866	484.37	81.839

#1	.00006	-.05094	.00048	.00033	.00184	-.00014	.00008
#2	.00008	.04487	-.00020	.00029	.00662	.00035	.00016
#3	.00009	-.13682	.00012	.00052	.02026	-.00046	.00002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03196	.00026	.00143	-.00555	-.00884	.00051	.00243
Stddev	.03467	.00003	.00518	.00137	.00158	.00016	.00070
%RSD	108.49	9.8043	362.61	24.759	17.889	31.416	28.817

#1	-.00407	.00027	-.00436	-.00491	-.00752	.00069	.00261
#2	.06509	.00023	.00304	-.00462	-.01059	.00039	.00302
#3	.03487	.00027	.00561	-.00713	-.00841	.00045	.00166

Sample Name: CCB03 Acquired: 6/5/2019 15:06:30 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15060 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00419	-.0014	.00011	F 3.8248	F<.00000
Stddev	.00119	.0012	.00010	.2351	.90361
%RSD	28.386	83.42	88.428	6.1461	36.683

#1	-.00519	-.0013	.00020	4.0899	-1.4377
#2	-.00449	-.0026	.00001	3.7431	-2.8102
#3	-.00288	-.0003	.00012	3.6415	-3.1421

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3947.2	50294.	4515.4	63.099	4490.1
Stddev	19.2	173.	39.1	1.707	9.4
%RSD	.48548	.34439	.86624	2.7050	.20837

#1	3946.9	50130.	4471.9	62.548	4497.6
#2	3928.2	50276.	4547.6	61.736	4479.6
#3	3966.6	50475.	4526.7	65.014	4493.1

Sample Name: LR CHECK 2 Acquired: 6/5/2019 15:19:26 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00664	-.01010	239.47	.04527	-.06095	.02043	92.961	-.00185
Stddev	.00027	.00089	1.29	.00162	.00332	.01042	.694	.00015
%RSD	4.1188	8.7903	.53773	3.5726	5.4480	50.982	.74618	7.9346

#1	.00687	-.00950	239.26	.04340	-.06004	.01785	92.166	-.00201
#2	.00634	-.00968	238.30	.04620	-.05819	.01154	93.278	-.00179
#3	.00670	-.01112	240.85	.04621	-.06464	.03189	93.440	-.00174

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01021	-.14906	-.12819	-.00570	257.86	-.56967	41.887	-.17934
Stddev	.00021	.00493	.00044	.00016	2.00	.00842	.095	.03015
%RSD	2.0830	3.3058	.34678	2.8536	.77632	1.4786	.22698	16.812

#1	-.01027	-.14848	-.12850	-.00586	260.17	-.56541	41.859	-.17286
#2	-.01039	-.14445	-.12768	-.00554	256.78	-.56422	41.808	-.15296
#3	-.00997	-.15426	-.12839	-.00571	256.63	-.57937	41.992	-.21221

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.838	.00609	.59163	-.25238	34.979	.71005	-.00974	-.00225
Stddev	.080	.00032	.07842	.00125	.155	.18757	.00027	.00680
%RSD	.16466	5.3147	13.254	.49364	.44400	26.416	2.7456	302.63

#1	48.922	.00573	.66616	-.25215	35.145	.90585	-.00945	-.00917
#2	48.762	.00620	.59890	-.25127	34.837	.69233	-.00997	.00443
#3	48.829	.00635	.50983	-.25373	34.954	.53197	-.00982	-.00201

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07720	-.00064	-.00027	.01786	-.00378	.3743	.00219	4.5919
Stddev	.00289	.00084	.00081	.00057	.00106	.0071	.00008	.0458
%RSD	3.7414	131.24	297.90	3.1755	28.093	1.908	3.5141	.99721

#1	.07705	.00017	-.00047	.01849	-.00404	.3825	.00228	4.5575
#2	.08015	-.00058	.00062	.01739	-.00468	.3713	.00214	4.6439
#3	.07438	-.00150	-.00097	.01769	-.00261	.3692	.00215	4.5744

Sample Name: LR CHECK 2 Acquired: 6/5/2019 15:19:26 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .81034
 %RSD 183.78

#1 -1.2257
 #2 .39280
 #3 -.48990

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2759.8	51392.	4618.1	64.703	4186.7
Stddev	12.6	137.	25.7	1.394	13.4
%RSD	.45551	.26657	.55554	2.1541	.32004

#1	2746.6	51502.	4599.6	63.414	4178.4
#2	2771.7	51434.	4647.4	66.182	4202.2
#3	2760.9	51238.	4607.3	64.514	4179.5

Sample Name: LR CHECK 1 Acquired: 6/5/2019 15:41:40 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01195	.01627	.03959	-.18061	.03953	1868.5	.01102	.05909
Stddev	.00706	.00101	.00607	.00689	.00496	3.7	.00020	.00101
%RSD	59.068	6.2133	15.344	3.8171	12.553	.19590	1.8554	1.7069

#1	-.01203	.01742	.04625	-.18574	.03964	1872.1	.01116	.05794
#2	-.01897	.01585	.03817	-.17278	.03452	1868.6	.01079	.05951
#3	-.00485	.01553	.03435	-.18332	.04444	1864.8	.01112	.05981

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00906	1690.3	-.07086	.07508	50.178	830.52	-.01861	1680.9
Stddev	.00148	17.4	.00071	.00100	.572	9.50	.00017	3.6
%RSD	16.286	1.0275	.99545	1.3359	1.1409	1.1436	.91744	.21482

#1	.01072	1682.7	-.07006	.07483	49.520	819.60	-.01880	1679.5
#2	.00858	1678.1	-.07112	.07422	50.560	836.88	-.01858	1678.2
#3	.00789	1710.2	-.07139	.07618	50.454	835.09	-.01846	1685.0

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02264	-.22273	1642.8	.00963	.04258	911.01	-.01936	-.08862
Stddev	.00113	.00010	20.9	.00033	.00262	6.62	.00118	.00857
%RSD	4.9911	.04410	1.2708	3.4470	6.1633	.72635	6.1026	9.6659

#1	.02158	-.22282	1660.8	.00971	.04539	913.79	-.01803	-.07888
#2	.02382	-.22274	1647.6	.00927	.04020	915.79	-.02029	-.09198
#3	.02251	-.22262	1619.9	.00992	.04215	903.46	-.01977	-.09500

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28736	-.00614	.01212	-.04107	.09815	.1262	-.90310	4.9268
Stddev	.01319	.00413	.00428	.00164	.00303	.0053	.01042	.1234
%RSD	4.5891	67.145	35.332	4.0018	3.0889	4.163	1.1540	2.5047

#1	.29100	-.00617	.00718	-.04293	.09480	.1236	-.89113	5.0428
#2	.29834	-.00201	.01449	-.03982	.09896	.1323	-.91018	4.7971
#3	.27273	-.01026	.01470	-.04048	.10070	.1228	-.90799	4.9405

Sample Name: LR CHECK 1 Acquired: 6/5/2019 15:41:40 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1476.2
Stddev	3.2
%RSD	.21947

#1	1477.2
#2	1472.6
#3	1478.9

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2888.7	36244.	3914.3	49.846	2551.7
Stddev	20.7	57.	51.0	1.429	13.7
%RSD	.71721	.15840	1.3037	2.8677	.53746

#1	2906.8	36310.	3917.0	48.248	2563.1
#2	2893.3	36203.	3964.0	51.003	2555.5
#3	2866.1	36219.	3862.0	50.287	2536.5

Sample Name: K2940-19DLX10 Acquired: 6/5/2019 15:46:47 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01789	-.00010	.01297	.00289	-.00085	2.6740	.11921	.00012
Stddev	.00240	.00134	.00020	.00063	.00115	.0104	.00171	.00005
%RSD	13.411	1364.3	1.5611	21.901	135.87	.38771	1.4372	38.657

#1	.01829	-.00155	.01288	.00350	-.00017	2.6658	.11758	.00018
#2	.02006	.00018	.01321	.00224	-.00218	2.6706	.12100	.00010
#3	.01531	.00108	.01284	.00293	-.00020	2.6857	.11904	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.37399	.00048	.00020	.01147	1.0773	.01623	.17410
Stddev	.00002	.00907	.00033	.00018	.00037	.0109	.00015	.01737
%RSD	163.53	2.4247	68.904	91.417	3.2196	1.0147	.90400	9.9760

#1	-.00002	.38444	.00074	.00040	.01189	1.0897	.01636	.18846
#2	.00001	.36945	.00060	.00006	.01135	1.0691	.01607	.15480
#3	-.00003	.36810	.00011	.00012	.01118	1.0731	.01626	.17905

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00059	2.0935	.00211	.04127	2.6650	.00010	.03116
Stddev	.00008	.00059	.0685	.00017	.00084	.1301	.00015	.00857
%RSD	78.383	99.317	3.2719	8.0267	2.0345	4.8797	152.22	27.503

#1	.00018	.00028	2.1639	.00204	.04033	2.8004	.00011	.02179
#2	.00011	.00023	2.0896	.00230	.04155	2.6536	.00025	.03860
#3	.00002	.00127	2.0271	.00199	.04194	2.5411	-.00006	.03309

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31992	5.1226	-.00067	.04688	.00426	.0355	.00180	3.8242
Stddev	.00045	.0917	.00061	.00116	.00121	.0007	.00010	.1600
%RSD	.13962	1.7898	91.173	2.4684	28.387	2.025	5.5996	4.1848

#1	.32024	5.2235	-.00044	.04751	.00474	.0349	.00172	3.7023
#2	.31941	5.0997	-.00137	.04554	.00288	.0363	.00178	4.0054
#3	.32011	5.0445	-.00021	.04758	.00515	.0353	.00191	3.7649

Sample Name: K2940-19DLX10 Acquired: 6/5/2019 15:46:47 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 2.3383
%RSD 253.87

#1 1.3461
#2 -.78479
#3 -3.3245

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3955.1	50574.	4461.7	62.624	4425.7
Stddev	15.2	163.	58.3	.731	14.4
%RSD	.38472	.32304	1.3060	1.1667	.32432

#1	3958.2	50387.	4405.4	61.798	4428.7
#2	3938.6	50648.	4457.8	62.891	4410.0
#3	3968.6	50688.	4521.8	63.184	4438.3

Sample Name: K2941-03DLX10 Acquired: 6/5/2019 15:51:13 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00380	.00102	.01267	.00020	-.00019	13.109	.10071
Stddev	.00276	.00025	.00083	.00533	.00129	.132	.00198
%RSD	72.419	24.496	6.5572	2615.0	676.06	1.0059	1.9693

#1	.00592	.00131	.01308	-.00569	.00115	13.132	.10265
#2	.00069	.00083	.01171	.00468	-.00142	13.228	.10080
#3	.00480	.00093	.01321	.00162	-.00030	12.967	.09869

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.00003	.70725	.00332	.00010	.00074	.59016
Stddev	.00010	.00003	.01634	.00036	.00023	.00034	.00406
%RSD	30.176	103.43	2.3103	10.812	219.58	45.829	.68763

#1	.00041	-.00001	.69098	.00292	.00014	.00035	.58557
#2	.00038	.00005	.72366	.00360	.00031	.00087	.59325
#3	.00022	.00004	.70710	.00344	-.00014	.00099	.59167

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02248	1.2854	-.00008	.00096	2.2014	.02098	.03880
Stddev	.00008	.0259	.00011	.00025	.0175	.00044	.00204
%RSD	.35210	2.0113	140.88	25.969	.79620	2.0860	5.2605

#1	.02239	1.2571	.00005	.00123	2.1893	.02047	.03920
#2	.02252	1.3077	-.00013	.00092	2.2215	.02128	.03658
#3	.02254	1.2915	-.00016	.00073	2.1933	.02117	.04060

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7314	-.00035	.04589	.45504	F 21.368	-.00150	.05133
Stddev	.0526	.00024	.00787	.00230	.087	.00054	.00261
%RSD	.78193	68.664	17.155	.50482	.40873	35.713	5.0752

#1	6.7627	-.00061	.05387	.45730	21.467	-.00129	.05357
#2	6.7609	-.00027	.03814	.45510	21.338	-.00110	.04847
#3	6.6706	-.00016	.04566	.45271	21.300	-.00211	.05195

Sample Name: K2941-03DLX10 Acquired: 6/5/2019 15:51:13 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00064	.0141	.00453	4.4762	F<.00000
Stddev	.00092	.0012	.00005	.0893	.85071
%RSD	143.35	8.665	1.0214	1.9952	34.652

#1	-.00167	.0126	.00449	4.4096	-1.4746
#2	.00012	.0147	.00451	4.5777	-2.9986
#3	-.00038	.0148	.00458	4.4414	-2.8919

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3902.2	49874.	4421.5	61.239	4324.3
Stddev	19.3	177.	8.2	.724	22.8
%RSD	.49364	.35443	.18593	1.1819	.52664

#1	3887.2	49945.	4419.4	60.493	4298.4
#2	3923.9	49672.	4414.6	61.939	4341.1
#3	3895.4	50003.	4430.6	61.284	4333.5

Sample Name: K3126-12 Acquired: 6/5/2019 15:55:37 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02518	.00062	.00647	.00073	-.00034	4.3487	.14481	.00031
Stddev	.00151	.00026	.00046	.00180	.00102	.1071	.01082	.00011
%RSD	6.0000	41.838	7.0817	247.56	300.59	2.4619	7.4724	36.274
#1	.02363	.00086	.00689	.00234	-.00051	4.2319	.13296	.00041
#2	.02526	.00034	.00598	.00107	-.00127	4.3718	.14731	.00034
#3	.02665	.00065	.00654	-.00122	.00076	4.4423	.15416	.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	.92307	.00078	.00086	.01148	3.9567	.18260	.43814
Stddev	.00004	.01783	.00014	.00011	.00006	.0195	.00094	.04982
%RSD	17.399	1.9314	18.257	13.070	.52259	.49235	.51400	11.371
#1	-.00025	.91728	.00064	.00089	.01149	3.9349	.18290	.38490
#2	-.00018	.90886	.00078	.00096	.01153	3.9724	.18155	.44589
#3	-.00020	.94308	.00092	.00074	.01141	3.9629	.18335	.48363
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00125	.00090	3.9062	.01100	.06755	1.2164	-.00013	.15014
Stddev	.00031	.00041	.1336	.00013	.00258	.0290	.00018	.01623
%RSD	24.511	45.618	3.4190	1.1418	3.8177	2.3804	137.14	10.807
#1	.00094	.00136	4.0544	.01101	.06516	1.1871	-.00020	.13803
#2	.00155	.00080	3.8692	.01113	.07028	1.2173	.00007	.14381
#3	.00128	.00055	3.7951	.01088	.06721	1.2450	-.00027	.16858
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6733	F 10.624	-.00133	.12586	-.00994	.3594	.00438	3.4113
Stddev	.0401	.028	.00057	.00661	.00283	.0047	.00034	.0926
%RSD	2.3968	.26562	42.924	5.2526	28.455	1.306	7.8272	2.7157
#1	1.7172	10.650	-.00112	.11995	-.01081	.3629	.00413	3.4655
#2	1.6385	10.594	-.00090	.12463	-.00678	.3540	.00424	3.3043
#3	1.6642	10.628	-.00198	.13300	-.01224	.3611	.00477	3.4640

Sample Name: K3126-12 Acquired: 6/5/2019 15:55:37 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.2742
Stddev 2.2157
%RSD 173.89

#1 3.3530
#2 1.5265
#3 -1.0569

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4115.3	52309.	4637.6	65.767	4663.4
Stddev	8.6	78.	21.1	1.819	12.1
%RSD	.20922	.14906	.45473	2.7650	.26001

#1	4120.2	52339.	4613.8	65.389	4671.5
#2	4120.4	52221.	4653.9	67.745	4669.2
#3	4105.4	52367.	4645.1	64.168	4649.5

Sample Name: K3183-05 Acquired: 6/5/2019 15:59:58 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04735	-.01599	.91027	.00630	-.00188	157.46	1.3433	.02588
Stddev	.00087	.00109	.00187	.00194	.00260	.47	.0028	.00008
%RSD	1.8359	6.8309	.20586	30.800	138.10	.29567	.21094	.30249
#1	.04673	-.01527	.91120	.00617	.00026	156.93	1.3417	.02579
#2	.04696	-.01545	.90812	.00830	-.00478	157.72	1.3416	.02593
#3	.04834	-.01724	.91150	.00443	-.00114	157.75	1.3466	.02592
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00390	66.769	.16271	.20460	.90582	223.11	5.0146	108.27
Stddev	.00025	.212	.00041	.00047	.00034	.31	.0387	.41
%RSD	6.3803	.31731	.25485	.22840	.03804	.13735	.77194	.37505
#1	-.00361	66.591	.16311	.20443	.90594	223.11	5.0411	108.17
#2	-.00404	66.711	.16273	.20512	.90609	222.80	4.9702	107.92
#3	-.00405	67.003	.16228	.20423	.90544	223.41	5.0324	108.72
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28286	-.03013	2.2161	.28035	3.1617	80.270	-.00326	.15323
Stddev	.00101	.00032	.0098	.00122	.0044	.217	.00026	.00728
%RSD	.35792	1.0483	.44146	.43465	.13831	.27072	8.1130	4.7517
#1	.28180	-.02999	2.2049	.27907	3.1667	80.046	-.00334	.16162
#2	.28381	-.03049	2.2228	.28150	3.1583	80.284	-.00348	.14856
#3	.28296	-.02990	2.2207	.28050	3.1602	80.480	-.00297	.14950
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9058	1.5502	.12593	4.1670	.07965	7.121	.04394	1.0227
Stddev	.0105	.0189	.00111	.0136	.00069	.016	.00029	.0952
%RSD	.55009	1.2214	.87841	.32658	.86386	.2299	.67064	9.3047
#1	1.8939	1.5321	.12471	4.1518	.07976	7.103	.04364	1.0902
#2	1.9093	1.5699	.12624	4.1711	.08027	7.130	.04394	.91384
#3	1.9140	1.5487	.12685	4.1781	.07891	7.131	.04423	1.0639

Sample Name: K3183-05 Acquired: 6/5/2019 15:59:58 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 429.03
Stddev 1.18
%RSD .27510

#1 427.86
#2 430.22
#3 429.01

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4860.7	62615.	5862.9	59.727	3623.5
Stddev	4.6	217.	10.8	2.240	2.5
%RSD	.09386	.34588	.18475	3.7510	.06850

#1	4864.6	62371.	5851.7	58.926	3622.9
#2	4855.7	62787.	5873.3	62.258	3621.3
#3	4861.8	62685.	5863.7	57.997	3626.2

Sample Name: K3183-07 Acquired: 6/5/2019 16:04:31 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08851	-.00372	1.2508	.00240	-.00064	158.76	1.3829	.02678
Stddev	.00447	.00306	.0042	.00535	.00244	1.11	.0105	.00011
%RSD	5.0534	82.131	.33356	223.06	378.80	.70062	.76035	.39822
#1	.09314	-.00694	1.2502	-.00362	.00180	157.63	1.3714	.02668
#2	.08421	-.00335	1.2552	.00419	-.00308	158.81	1.3853	.02677
#3	.08818	-.00087	1.2469	.00661	-.00065	159.85	1.3921	.02690
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00384	80.973	.35969	.19772	.76986	263.08	3.2010	74.672
Stddev	.00035	.169	.00128	.00041	.00170	1.65	.0034	.377
%RSD	9.1772	.20843	.35580	.20624	.22022	.62846	.10533	.50421
#1	-.00408	80.945	.35823	.19725	.76819	262.84	3.2001	74.339
#2	-.00344	80.820	.36063	.19798	.77158	261.56	3.1981	74.596
#3	-.00401	81.154	.36021	.19793	.76982	264.84	3.2047	75.081
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23924	-.03305	2.5943	.58392	3.0212	42.505	-.00232	.27385
Stddev	.00150	.00021	.0053	.00513	.0064	.320	.00046	.01420
%RSD	.62626	.63046	.20542	.87818	.21131	.75353	19.874	5.1861
#1	.23770	-.03307	2.5891	.58093	3.0219	42.135	-.00201	.25749
#2	.23933	-.03283	2.5942	.58099	3.0272	42.676	-.00285	.28115
#3	.24070	-.03325	2.5997	.58984	3.0144	42.703	-.00209	.28293
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4538	2.4786	.15734	2.8749	.15940	8.439	-.01152	2.2069
Stddev	.0241	.0207	.00135	.0065	.00094	.015	.00258	.1582
%RSD	.69775	.83420	.86112	.22532	.58947	.1767	22.421	7.1700
#1	3.4716	2.4986	.15890	2.8703	.15848	8.435	-.01019	2.1962
#2	3.4634	2.4573	.15671	2.8823	.15937	8.456	-.00988	2.3702
#3	3.4264	2.4798	.15642	2.8722	.16035	8.427	-.01450	2.0543

Sample Name: K3183-07 Acquired: 6/5/2019 16:04:31 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 471.95
Stddev 2.63
%RSD .55756

#1 468.96
#2 473.00
#3 473.90

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4477.2	57344.	5364.8	58.908	3691.8
Stddev	5.4	152.	42.2	.461	12.0
%RSD	.11996	.26532	.78652	.78241	.32425

#1	4475.2	57340.	5318.1	59.095	3687.5
#2	4473.1	57498.	5376.1	59.246	3682.6
#3	4483.3	57194.	5400.2	58.383	3705.3

Sample Name: K3183-09 Acquired: 6/5/2019 16:08:54 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03012	-.02996	.17904	.00103	-.00383	148.82	1.5169	.03188
Stddev	.00227	.00294	.00238	.00130	.00140	.62	.0055	.00010
%RSD	7.5466	9.7959	1.3300	126.20	36.701	.41815	.36101	.32360
#1	.02781	-.03071	.17788	.00217	-.00240	148.39	1.5117	.03194
#2	.03020	-.03245	.18177	-.00039	-.00386	148.53	1.5164	.03193
#3	.03235	-.02673	.17745	.00131	-.00521	149.53	1.5226	.03176
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00497	71.758	.15497	.23122	.91464	244.31	5.0655	109.62
Stddev	.00024	.246	.00015	.00257	.00998	1.21	.0329	.49
%RSD	4.7408	.34325	.09891	1.1098	1.0917	.49525	.65026	.44786
#1	-.00498	71.998	.15513	.23264	.91983	245.61	5.1021	109.06
#2	-.00472	71.506	.15482	.23277	.92095	243.21	5.0381	109.89
#3	-.00519	71.769	.15495	.22826	.90313	244.11	5.0563	109.93
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30542	-.03509	3.6044	.38376	2.1355	92.142	-.00443	.14921
Stddev	.00501	.00026	.0052	.00223	.0301	.259	.00040	.00906
%RSD	1.6395	.73337	.14524	.58227	1.4077	.28136	9.0357	6.0728
#1	.30968	-.03494	3.5985	.38344	2.1533	91.961	-.00487	.14643
#2	.30668	-.03495	3.6064	.38613	2.1523	92.026	-.00435	.14187
#3	.29991	-.03539	3.6084	.38170	2.1008	92.439	-.00408	.15934
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2306	1.1475	.01492	6.9097	.04948	F 12.80	.09520	.20359
Stddev	.0192	.0072	.00112	.0121	.00025	.13	.00042	.03928
%RSD	1.5600	.62424	7.5396	.17555	.49966	1.049	.43968	19.296
#1	1.2425	1.1552	.01363	6.8965	.04924	12.89	.09530	.20981
#2	1.2410	1.1411	.01543	6.9124	.04973	12.87	.09475	.23940
#3	1.2085	1.1462	.01570	6.9203	.04947	12.65	.09557	.16157

Sample Name: K3183-09 Acquired: 6/5/2019 16:08:54 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 481.29
Stddev 4.13
%RSD .85740

#1 476.70
#2 482.45
#3 484.71

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4895.9	62466.	5868.5	57.755	3655.6
Stddev	45.5	241.	49.7	.828	44.2
%RSD	.92852	.38646	.84679	1.4344	1.2100

#1	4867.7	62192.	5811.2	58.192	3629.4
#2	4871.6	62650.	5899.5	56.800	3630.6
#3	4948.3	62554.	5894.9	58.274	3706.6

Sample Name: K3183-11 Acquired: 6/5/2019 16:13:29 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24074	.00099	4.5826	.00774	-.00014	190.50	2.5694	.02199
Stddev	.00113	.00196	.0106	.00226	.00166	.99	.0135	.00010
%RSD	.47050	199.16	.23174	29.164	1218.7	.52210	.52457	.46566
#1	.23959	-.00043	4.5792	.00521	-.00125	189.52	2.5549	.02194
#2	.24077	.00323	4.5945	.00843	-.00092	191.51	2.5816	.02192
#3	.24185	.00016	4.5740	.00956	.00177	190.49	2.5717	.02211
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00209	290.24	.55647	.23671	1.4342	316.46	4.7814	119.92
Stddev	.00037	.58	.00164	.00107	.0022	.67	.0076	.61
%RSD	17.598	.19825	.29412	.45364	.15637	.21069	.15870	.50903
#1	-.00240	289.61	.55586	.23603	1.4363	317.01	4.7894	119.22
#2	-.00168	290.73	.55832	.23795	1.4347	316.65	4.7804	120.24
#3	-.00219	290.39	.55523	.23616	1.4318	315.72	4.7744	120.31
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39206	-.03889	9.7124	.56772	4.5792	14.934	.00780	.71417
Stddev	.00233	.00021	.0615	.00116	.0061	.151	.00024	.01648
%RSD	.59542	.54726	.63366	.20517	.13393	1.0135	3.0409	2.3070
#1	.38950	-.03892	9.6569	.56894	4.5722	14.777	.00769	.70193
#2	.39406	-.03908	9.7786	.56662	4.5818	15.079	.00764	.73290
#3	.39263	-.03866	9.7017	.56761	4.5836	14.947	.00808	.70767
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 15.796	3.3491	.48090	2.1455	.22525	F 28.87	.57416	3.5823
Stddev	.072	.0114	.00380	.0069	.00068	.02	.00316	.1508
%RSD	.45511	.34064	.79036	.32234	.30043	.0723	.55080	4.2082
#1	15.714	3.3614	.47663	2.1381	.22599	28.88	.57051	3.7089
#2	15.847	3.3389	.48393	2.1466	.22465	28.89	.57599	3.6225
#3	15.827	3.3471	.48214	2.1519	.22512	28.85	.57599	3.4156

Sample Name: K3183-11 Acquired: 6/5/2019 16:13:29 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 528.29
Stddev 5.76
%RSD 1.0901

#1 525.13
#2 524.80
#3 534.94

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3962.1	50690.	4841.8	58.079	3551.9
Stddev	8.3	78.	7.6	.997	.6
%RSD	.20922	.15467	.15782	1.7167	.01688

#1	3952.6	50687.	4833.1	58.266	3552.3
#2	3967.0	50614.	4847.3	57.002	3551.2
#3	3966.8	50770.	4845.1	58.969	3552.1

Sample Name: K3165-09 Acquired: 6/5/2019 16:17:52 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8276 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 4.2772	k -.08177	k 17.460	k -.90045	k .24188	k 92.168	3.2773
Stddev	.0067	.00145	.013	.00463	.00505	.528	.0172
%RSD	.15752	1.7685	.07580	.51462	2.0874	.57330	.52493

#1	k 4.2703	k -.08343	k 17.455	k -.89907	k .23655	k 92.689	3.2900
#2	k 4.2777	k -.08111	k 17.475	k -.89666	k .24659	k 92.182	3.2843
#3	k 4.2837	k -.08077	k 17.451	k -.90561	k .24248	k 91.633	3.2578

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12467	k .34016	k 96.639	k 1.7422	k 1.8284	k 61.283	^ *****
Stddev	.00041	.00084	.439	.0038	.0027	.097	-----
%RSD	.32838	.24607	.45376	.21994	.14588	.15895	-----

#1	.12495	k .34051	k 96.914	k 1.7387	k 1.8272	k 61.222	^ -----
#2	.12486	k .34077	k 96.134	k 1.7418	k 1.8314	k 61.231	^ -----
#3	.12420	k .33921	k 96.871	k 1.7463	k 1.8265	k 61.395	^ -----

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.788	54.435	k 2.8412	k -.52409	19.670	k .18017	kF 57.188
Stddev	.049	.368	.0033	.00302	.106	.00089	.532
%RSD	.45769	.67533	.11771	.57546	.53692	.49298	.93074

#1	10.836	54.545	k 2.8424	k -.52616	19.722	k .18113	k 57.798
#2	10.790	54.735	k 2.8438	k -.52063	19.739	k .17999	k 56.820
#3	10.738	54.025	k 2.8374	k -.52548	19.548	k .17938	k 56.946

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.421	F 14.449	kF -1.8066	kF 50.447	k 3.0228	k 1.7523	k 4.7637
Stddev	.128	.018	.0140	.188	.0378	.0055	.0083
%RSD	.38314	.12581	.77435	.37303	1.2493	.31376	.17495

#1	33.498	14.445	k -1.7933	k 50.299	k 3.0408	k 1.7462	k 4.7581
#2	33.492	14.434	k -1.8054	k 50.659	k 2.9794	k 1.7537	k 4.7597
#3	33.273	14.470	k -1.8212	k 50.382	k 3.0482	k 1.7569	k 4.7733

Sample Name: K3165-09 Acquired: 6/5/2019 16:17:52 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8276 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04275	k 4.292	k .45369	<.00000	F 3556.7
Stddev	.00223	.018	.00183	.11354	17.9
%RSD	5.2176	.4236	.40238	2.1278	.50212
#1	.04153	k 4.271	k .45509	-5.4407	3540.5
#2	.04140	k 4.297	k .45162	-5.2153	3575.9
#3	.04533	k 4.306	k .45436	-5.3518	3553.7
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3518.8	49707.	4865.6	55.081	3092.5
Stddev	5.4	238.	34.8	1.517	1.4
%RSD	.15453	.47887	.71587	2.7534	.04402
#1	3518.0	49432.	4848.6	55.410	3091.8
#2	3524.6	49851.	4905.7	56.405	3091.6
#3	3513.8	49837.	4842.6	53.426	3094.1

Sample Name: K3165-09DLX2 Acquired: 6/5/2019 16:22:23 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 2.2121	k -.03875	k 8.6826	k -.45783	k .12585	k 48.111	1.7036
Stddev	.0083	.00149	.0227	.00455	.00158	.177	.0114
%RSD	.37655	3.8548	.26203	.99447	1.2589	.36807	.66998

#1	k 2.2163	k -.03886	k 8.6918	k -.46258	k .12636	k 47.924	1.6905
#2	k 2.2025	k -.03721	k 8.6567	k -.45351	k .12712	k 48.277	1.7095
#3	k 2.2174	k -.04019	k 8.6993	k -.45741	k .12407	k 48.132	1.7109

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07109	k .16082	k 53.681	k .97226	k .90828	k 33.394	^ *****
Stddev	.00036	.00062	.037	.00238	.00209	.080	-----
%RSD	.50164	.38811	.06913	.24454	.23026	.24067	-----

#1	.07068	k .16139	k 53.647	k .97312	k .90922	k 33.470	^ -----
#2	.07127	k .16015	k 53.675	k .96957	k .90974	k 33.310	^ -----
#3	.07132	k .16093	k 53.720	k .97408	k .90589	k 33.400	^ -----

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1208	29.620	k 1.3665	k -.28168	10.272	k .09590	kF 37.981
Stddev	.0217	.305	.0030	.00029	.069	.00150	.171
%RSD	.35533	1.0294	.22258	.10435	.67096	1.5622	.44926

#1	6.1447	29.296	k 1.3694	k -.28187	10.193	k .09762	k 37.881
#2	6.1023	29.902	k 1.3667	k -.28134	10.321	k .09518	k 38.178
#3	6.1154	29.662	k 1.3633	k -.28183	10.302	k .09490	k 37.883

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.688	7.6879	k -.93963	kF 24.075	k 1.6854	k .86492	k 2.6003
Stddev	.106	.0164	.02255	.036	.0160	.00421	.0089
%RSD	.59957	.21305	2.3996	.14926	.94925	.48685	.34060

#1	17.673	7.7052	k -.92772	k 24.058	k 1.7039	k .86630	k 2.5905
#2	17.801	7.6726	k -.92554	k 24.051	k 1.6754	k .86827	k 2.6026
#3	17.591	7.6860	k -.96564	k 24.116	k 1.6770	k .86019	k 2.6077

Sample Name: K3165-09DLX2 Acquired: 6/5/2019 16:22:23 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02361	k 2.060	k .24648	.15288	F 1852.3
Stddev	.00037	.010	.00080	.06240	1.0
%RSD	1.5702	.4838	.32389	40.815	.05466
#1	.02379	k 2.062	k .24734	.22488	1851.7
#2	.02385	k 2.068	k .24576	.11919	1851.8
#3	.02318	k 2.049	k .24633	.11456	1853.5
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3640.9	49028.	4643.6	57.535	3539.8
Stddev	12.1	23.	27.9	.846	10.4
%RSD	.33278	.04684	.60184	1.4700	.29289
#1	3629.9	49044.	4612.7	56.925	3530.7
#2	3653.9	49002.	4667.0	57.179	3551.1
#3	3638.9	49039.	4651.2	58.500	3537.6

Sample Name: K2638-02 Acquired: 6/5/2019 16:26:42 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01989	-.00968	5.5582	.01107	.04638	72.278	.55058	.00993
Stddev	.00159	.00032	.0012	.00450	.00037	.794	.00739	.00014
%RSD	8.0024	3.2630	.02078	40.624	.79511	1.0979	1.3416	1.3871
#1	.02058	-.00932	5.5576	.01594	.04654	71.571	.54367	.00993
#2	.02101	-.00987	5.5595	.00707	.04596	73.136	.55837	.01006
#3	.01807	-.00986	5.5574	.01019	.04664	72.127	.54972	.00979
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00177	88.370	.11765	.10774	.44734	152.13	3.3282	31.432
Stddev	.00027	.204	.00061	.00039	.00074	.27	.0039	.420
%RSD	15.011	.23045	.51927	.36203	.16631	.17522	.11626	1.3354
#1	-.00155	88.376	.11830	.10812	.44808	152.10	3.3266	30.994
#2	-.00170	88.164	.11709	.10776	.44735	152.41	3.3326	31.831
#3	-.00207	88.571	.11756	.10734	.44660	151.88	3.3254	31.471
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16137	-.01602	3.0516	.18071	1.3300	9.2917	.00467	.14185
Stddev	.00065	.00023	.0348	.00161	.0008	.0578	.00027	.01472
%RSD	.40155	1.4561	1.1418	.89358	.06118	.62212	5.7683	10.380
#1	.16078	-.01629	3.0156	.18223	1.3291	9.2487	.00498	.13982
#2	.16128	-.01591	3.0852	.18089	1.3306	9.3574	.00452	.15749
#3	.16206	-.01586	3.0540	.17902	1.3304	9.2690	.00452	.12825
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8654	4.2444	1.8445	2.3952	.08498	F 10.84	.03080	.44563
Stddev	.0101	.0765	.0025	.0084	.00067	.03	.00040	.01938
%RSD	.14644	1.8024	.13492	.34894	.78363	.2332	1.3150	4.3482
#1	6.8744	4.3327	1.8469	2.4045	.08573	10.87	.03126	.46076
#2	6.8673	4.2024	1.8420	2.3883	.08446	10.83	.03051	.45234
#3	6.8545	4.1981	1.8445	2.3928	.08475	10.82	.03062	.42379

Sample Name: K2638-02 Acquired: 6/5/2019 16:26:42 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 256.16
 Stddev 1.75
 %RSD .68493

#1 257.79
 #2 254.31
 #3 256.38

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4884.8	62394.	5731.9	59.891	3886.2
Stddev	2.3	246.	77.6	.770	4.2
%RSD	.04689	.39453	1.3536	1.2857	.10800

#1	4884.5	62377.	5651.6	59.045	3890.5
#2	4882.7	62157.	5806.4	60.078	3886.0
#3	4887.2	62649.	5737.6	60.550	3882.1

Sample Name: K3151-01 Acquired: 6/5/2019 16:31:06 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11923	.00767	.30823	.01421	-.00272	91.888	.58617	.01886
Stddev	.00284	.00056	.00253	.00110	.00161	.465	.00365	.00036
%RSD	2.3860	7.2891	.82121	7.7373	59.093	.50646	.62345	1.9288
#1	.12241	.00724	.30595	.01416	-.00251	91.359	.58200	.01914
#2	.11693	.00747	.30778	.01314	-.00441	92.070	.58772	.01845
#3	.11835	.00831	.31096	.01534	-.00122	92.235	.58880	.01900
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00944	117.51	.33421	.05862	.16860	239.94	1.7914	41.286
Stddev	.00014	.39	.00066	.00023	.00071	.62	.0030	.052
%RSD	1.5212	.32765	.19725	.39718	.42031	.25813	.16524	.12716
#1	-.00957	117.13	.33345	.05863	.16779	240.30	1.7939	41.240
#2	-.00929	117.90	.33460	.05885	.16891	240.31	1.7923	41.343
#3	-.00948	117.50	.33459	.05838	.16910	239.23	1.7882	41.273
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09552	-.02653	5.7045	.30668	.60769	21.479	.00262	.22260
Stddev	.00025	.00012	.0121	.00032	.00120	.092	.00028	.01725
%RSD	.25716	.43721	.21205	.10579	.19732	.42871	10.761	7.7485
#1	.09558	-.02646	5.6954	.30695	.60640	21.376	.00292	.21138
#2	.09574	-.02666	5.6999	.30632	.60791	21.511	.00260	.21397
#3	.09526	-.02646	5.7182	.30679	.60876	21.552	.00236	.24247
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4154	3.4395	.01318	.53176	.07417	F 11.76	.07187	3.1833
Stddev	.0060	.0039	.00041	.00174	.00146	.02	.00205	.0998
%RSD	.09271	.11454	3.1273	.32720	1.9621	.2117	2.8541	3.1335
#1	6.4202	3.4350	.01307	.53018	.07474	11.75	.06951	3.1575
#2	6.4173	3.4424	.01284	.53148	.07251	11.74	.07289	3.2934
#3	6.4087	3.4410	.01364	.53363	.07525	11.79	.07321	3.0990

Sample Name: K3151-01 Acquired: 6/5/2019 16:31:06 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 381.07
Stddev 3.62
%RSD .94893

#1 376.93
#2 382.63
#3 383.64

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4234.2	54224.	4999.9	58.772	3803.5
Stddev	5.1	80.	14.5	.245	2.8
%RSD	.11951	.14768	.29019	.41767	.07318

#1	4236.2	54149.	4986.2	58.859	3802.4
#2	4228.4	54214.	4998.4	58.963	3801.5
#3	4238.0	54308.	5015.1	58.495	3806.7

Sample Name: CCV04 Acquired: 6/5/2019 16:35:33 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9762	5.0971	4.9658	5.0214	4.9761	9.4866	9.7331	.25321
Stddev	.0013	.0032	.0032	.0092	.0096	.0602	.0507	.00104
%RSD	.02523	.06296	.06421	.18295	.19359	.63439	.52104	.40982
#1	4.9769	5.0939	4.9691	5.0234	4.9814	9.4949	9.7160	.25216
#2	4.9770	5.0970	4.9628	5.0294	4.9819	9.4228	9.6932	.25424
#3	4.9748	5.1004	4.9655	5.0114	4.9650	9.5423	9.7902	.25323
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4793	24.969	1.0058	2.5085	1.2464	5.0126	2.5288	24.460
Stddev	.0037	.067	.0006	.0037	.0022	.0076	.0015	.207
%RSD	.14939	.26656	.06402	.14546	.17945	.15138	.06131	.84495
#1	2.4754	24.946	1.0050	2.5052	1.2489	5.0158	2.5290	24.495
#2	2.4828	24.918	1.0060	2.5077	1.2457	5.0040	2.5271	24.239
#3	2.4796	25.045	1.0063	2.5124	1.2446	5.0182	2.5302	24.648
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4733	1.2705	23.967	2.5271	2.4951	24.405	5.0068	4.7304
Stddev	.0022	.0030	.135	.0013	.0016	.157	.0046	.0621
%RSD	.08806	.23398	.56343	.04931	.06275	.64261	.09144	1.3119
#1	2.4708	1.2675	23.921	2.5268	2.4934	24.384	5.0041	4.7190
#2	2.4740	1.2706	23.862	2.5285	2.4954	24.260	5.0042	4.6748
#3	2.4750	1.2734	24.119	2.5260	2.4965	24.571	5.0121	4.7973
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0007	5.1157	4.9522	4.9989	4.7477	5.138	5.0074	5.1766
Stddev	.0040	.0548	.0075	.0173	.0305	.006	.0294	.0718
%RSD	.08093	1.0707	.15041	.34519	.64295	.1257	.58656	1.3868
#1	4.9972	5.0750	4.9578	4.9791	4.7365	5.132	4.9857	5.2513
#2	4.9998	5.1780	4.9551	5.0105	4.7822	5.145	5.0408	5.1081
#3	5.0051	5.0941	4.9437	5.0071	4.7243	5.137	4.9958	5.1704

Sample Name: CCV04 Acquired: 6/5/2019 16:35:33 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.7107
Stddev	.2557
%RSD	14.948

#1	1.5339
#2	1.5943
#3	2.0039

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3731.1	47271.	4299.4	59.772	3902.1
Stddev	2.6	177.	26.1	.430	4.0
%RSD	.06842	.37502	.60623	.71859	.10302

#1	3728.4	47257.	4306.8	59.897	3906.7
#2	3733.5	47455.	4270.4	60.125	3900.3
#3	3731.5	47101.	4320.9	59.294	3899.3

Sample Name: CCB04 Acquired: 6/5/2019 16:39:33 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8276 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00023	.00189	.00238	-.00140	-.01893	.00094
Stddev	.00156	.00091	.00010	.00194	.00184	.01203	.00007
%RSD	1183.9	395.67	5.3811	81.374	131.78	63.541	7.2717

#1	.00189	-.00001	.00177	.00453	-.00078	-.00521	.00096
#2	-.00109	.00124	.00195	.00184	-.00346	-.02768	.00099
#3	-.00040	-.00054	.00195	.00077	.00006	-.02390	.00086

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00011	.01700	.00009	.00010	-.00006	.00216
Stddev	.00001	.00007	.02497	.00004	.00020	.00014	.00026
%RSD	9.4591	69.140	146.88	45.992	199.64	227.01	11.908

#1	.00006	.00002	-.00846	.00005	.00033	.00009	.00231
#2	.00006	.00016	.01802	.00007	-.00003	-.00018	.00231
#3	.00007	.00014	.04145	.00013	.00000	-.00008	.00187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00828	.00013	.00070	.11695	-.00004	.00087
Stddev	.00003	.03988	.00029	.00011	.00075	.00018	.00007
%RSD	159.08	481.70	229.41	15.643	.64151	417.04	7.8710

#1	-.00001	.01756	-.00002	.00070	.11753	.00011	.00092
#2	.00002	-.03542	.00047	.00058	.11721	-.00000	.00079
#3	.00006	.04270	-.00006	.00080	.11610	-.00024	.00089

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47889	.00059	-.00123	.00034	-.00685	.00101	.00019
Stddev	.04138	.00045	.02012	.00200	.00227	.00100	.00226
%RSD	8.6410	76.061	1635.3	590.18	33.174	98.514	1209.6

#1	.44721	.00039	.02062	.00234	-.00444	.00024	-.00159
#2	.52571	.00111	-.01898	-.00166	-.00715	.00213	-.00058
#3	.46375	.00028	-.00533	.00035	-.00895	.00066	.00273

Sample Name: CCB04 Acquired: 6/5/2019 16:39:33 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8276 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	-.0018	.00007	F 3.8924	F<.00000
Stddev	.00149	.0013	.00003	.0347	.33569
%RSD	95.100	74.35	47.302	.89036	10.771

#1	-.00159	-.0007	.00006	3.9290	-3.4871
#2	-.00305	-.0033	.00010	3.8883	-2.8328
#3	-.00007	-.0014	.00004	3.8600	-3.0297

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3912.4	49841.	4368.3	62.630	4410.3
Stddev	7.8	117.	10.9	2.445	3.8
%RSD	.20007	.23398	.24875	3.9030	.08581

#1	3920.7	49713.	4376.8	64.452	4407.1
#2	3911.3	49868.	4356.0	59.852	4414.5
#3	3905.2	49942.	4371.9	63.586	4409.3

Sample Name: K3151-03 Acquired: 6/5/2019 16:44:01 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08709	.00310	.23571	.01581	-.00486	86.330	.41566	.01456
Stddev	.00208	.00061	.00196	.00220	.00115	.442	.00306	.00018
%RSD	2.3908	19.699	.83165	13.931	23.635	.51165	.73611	1.2470
#1	.08537	.00240	.23797	.01637	-.00379	85.863	.41262	.01436
#2	.08651	.00348	.23448	.01767	-.00608	86.741	.41874	.01468
#3	.08940	.00343	.23469	.01338	-.00470	86.386	.41561	.01466
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00814	73.426	.22238	.04535	.14111	179.98	1.1322	19.604
Stddev	.00020	.235	.00036	.00048	.00061	.50	.0006	.242
%RSD	2.4111	.31973	.16104	1.0526	.43485	.27924	.05473	1.2333
#1	-.00803	73.579	.22198	.04590	.14182	179.68	1.1315	19.338
#2	-.00802	73.544	.22252	.04513	.14078	179.70	1.1327	19.811
#3	-.00837	73.156	.22265	.04503	.14074	180.56	1.1324	19.662
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08013	-.01746	3.8720	.26474	.51798	12.066	.00245	.16091
Stddev	.00021	.00023	.0330	.00186	.00110	.112	.00014	.01113
%RSD	.26022	1.3353	.85174	.70360	.21161	.93017	5.5705	6.9201
#1	.07992	-.01720	3.8353	.26335	.51886	11.938	.00234	.16805
#2	.08033	-.01759	3.8814	.26402	.51833	12.147	.00241	.16659
#3	.08014	-.01761	3.8992	.26686	.51676	12.113	.00260	.14808
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9435	2.6475	.00873	.70153	.04945	F 10.15	.00329	2.7665
Stddev	.0139	.0193	.00096	.00326	.00159	.05	.00098	.0842
%RSD	.35164	.72763	11.026	.46489	3.2072	.4800	29.752	3.0417
#1	3.9574	2.6674	.00762	.69980	.04765	10.21	.00306	2.7805
#2	3.9435	2.6290	.00933	.69951	.05005	10.15	.00436	2.8427
#3	3.9297	2.6463	.00923	.70530	.05064	10.11	.00245	2.6762

Sample Name: K3151-03 Acquired: 6/5/2019 16:44:01 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 263.92
Stddev 1.31
%RSD .49679

#1 264.52
#2 262.42
#3 264.83

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4290.6	54711.	5013.5	61.766	3956.5
Stddev	3.2	152.	53.4	2.045	7.1
%RSD	.07484	.27768	1.0649	3.3109	.18070

#1	4288.8	54647.	4958.3	62.359	3950.0
#2	4288.6	54601.	5017.3	63.449	3955.3
#3	4294.3	54884.	5064.9	59.490	3964.1

Sample Name: K3151-05 Acquired: 6/5/2019 16:48:28 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12967	.00870	.67483	.01578	-.00306	86.951	.48075	.01863
Stddev	.00179	.00179	.00216	.00287	.00154	.319	.00352	.00019
%RSD	1.3817	20.573	.32039	18.183	50.158	.36707	.73116	1.0089
#1	.12837	.00824	.67732	.01292	-.00304	86.968	.47809	.01867
#2	.13172	.01068	.67349	.01866	-.00154	87.262	.48474	.01880
#3	.12893	.00719	.67367	.01578	-.00461	86.624	.47943	.01843
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	78.355	.27759	.03426	.79636	259.45	.98057	16.058
Stddev	.00021	.163	.00179	.00009	.00179	.60	.00374	.179
%RSD	47.067	.20782	.64467	.25890	.22464	.23208	.38166	1.1140
#1	-.00034	78.423	.27584	.03424	.79842	259.68	.97652	15.882
#2	-.00032	78.170	.27752	.03419	.79524	258.76	.98131	16.240
#3	-.00070	78.474	.27942	.03436	.79541	259.89	.98389	16.054
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05591	-.02770	4.3152	.30579	.83589	15.218	.00126	.20908
Stddev	.00083	.00065	.0282	.00060	.00066	.008	.00021	.00355
%RSD	1.4806	2.3444	.65432	.19558	.07942	.05419	17.001	1.6992
#1	.05572	-.02823	4.2866	.30609	.83644	15.209	.00150	.20743
#2	.05519	-.02698	4.3430	.30510	.83515	15.224	.00109	.20664
#3	.05682	-.02789	4.3161	.30617	.83607	15.221	.00118	.21315
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9467	3.0800	.10655	.46150	.04551	F 10.35	-.08647	3.0503
Stddev	.0167	.0330	.00100	.00155	.00147	.03	.00072	.0457
%RSD	.56591	1.0711	.94037	.33686	3.2243	.3103	.82778	1.4990
#1	2.9583	3.0709	.10576	.45971	.04593	10.38	-.08658	3.0068
#2	2.9276	3.0526	.10620	.46247	.04671	10.32	-.08571	3.0980
#3	2.9541	3.1166	.10767	.46233	.04387	10.35	-.08713	3.0461

Sample Name: K3151-05 Acquired: 6/5/2019 16:48:28 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 407.39
Stddev 1.55
%RSD .37994

#1 405.61
#2 408.32
#3 408.25

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4134.2	52754.	4821.9	60.901	3916.5
Stddev	4.2	48.	28.4	.434	5.3
%RSD	.10054	.09058	.58851	.71217	.13474

#1	4129.7	52758.	4806.9	61.280	3910.7
#2	4134.9	52799.	4854.6	60.995	3918.0
#3	4137.9	52704.	4804.2	60.428	3920.9

Sample Name: K3163-01 Acquired: 6/5/2019 16:52:54 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-060419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03558	-.01395	.14475	.00823	-.00368	138.14	.53069	.01679
Stddev	.00272	.00197	.00038	.00267	.00178	.44	.00358	.00005
%RSD	7.6514	14.111	.26071	32.389	48.412	.31948	.67538	.26888
#1	.03516	-.01601	.14495	.00551	-.00516	137.94	.52826	.01675
#2	.03849	-.01377	.14499	.00835	-.00170	138.65	.53481	.01679
#3	.03309	-.01208	.14432	.01083	-.00418	137.83	.52900	.01684
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00797	88.481	.22146	.20778	.33284	234.61	5.0965	51.148
Stddev	.00042	.620	.00047	.00098	.00115	1.09	.0051	.288
%RSD	5.2525	.70100	.21129	.47246	.34424	.46464	.10058	.56320
#1	-.00749	87.786	.22160	.20824	.33330	233.42	5.0934	50.830
#2	-.00826	88.678	.22184	.20665	.33154	235.56	5.1024	51.391
#3	-.00817	88.978	.22094	.20845	.33369	234.85	5.0937	51.222
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20176	-.02850	7.9570	.50492	.63885	7.4767	.00143	.16081
Stddev	.00086	.00027	.0324	.00129	.00125	.0351	.00048	.00360
%RSD	.42788	.95054	.40702	.25488	.19626	.46945	33.341	2.2393
#1	.20274	-.02827	7.9287	.50629	.63990	7.4647	.00197	.15859
#2	.20147	-.02843	7.9923	.50374	.63918	7.5162	.00121	.16497
#3	.20109	-.02880	7.9500	.50473	.63746	7.4492	.00110	.15889
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2330	3.7931	.01106	4.3728	.13189	8.089	-.15565	1.2564
Stddev	.0152	.0498	.00185	.0074	.00079	.038	.00121	.1014
%RSD	.67867	1.3121	16.735	.16860	.59636	.4722	.77803	8.0713
#1	2.2492	3.8216	.01261	4.3705	.13102	8.132	-.15443	1.3148
#2	2.2191	3.7357	.01155	4.3668	.13255	8.059	-.15685	1.1393
#3	2.2306	3.8222	.00901	4.3810	.13209	8.077	-.15567	1.3151

Sample Name: K3163-01 Acquired: 6/5/2019 16:52:54 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-060419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 414.89
Stddev	2.55
%RSD	.61424

#1	411.98
#2	416.01
#3	416.69

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4526.1	57802.	5336.8	59.660	3820.2
Stddev	1.3	121.	27.9	1.006	4.6
%RSD	.02834	.20934	.52270	1.6858	.11912

#1	4525.5	57720.	5348.6	60.205	3815.2
#2	4525.3	57745.	5356.9	60.275	3821.3
#3	4527.6	57941.	5305.0	58.499	3824.1

Sample Name: K3163-03 Acquired: 6/5/2019 16:57:27 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-060419 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03586	-.01820	.15255	.00482	-.00420	124.34	.52095	.01690
Stddev	.00069	.00084	.00041	.00428	.00109	.41	.00207	.00033
%RSD	1.9365	4.6320	.26983	88.878	26.036	.32675	.39814	1.9337
#1	.03666	-.01916	.15288	.00538	-.00302	123.99	.51918	.01720
#2	.03540	-.01787	.15209	.00028	-.00439	124.78	.52323	.01693
#3	.03553	-.01757	.15267	.00879	-.00518	124.24	.52043	.01655
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00823	99.384	.21442	.18138	.42160	241.26	4.6552	56.933
Stddev	.00015	.394	.00104	.00133	.00171	.63	.0228	.594
%RSD	1.8552	.39630	.48578	.73448	.40587	.26268	.48882	1.0435
#1	-.00832	98.930	.21472	.18173	.42122	240.53	4.6744	56.394
#2	-.00830	99.635	.21528	.17990	.42011	241.66	4.6301	57.570
#3	-.00805	99.587	.21326	.18249	.42347	241.59	4.6610	56.836
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21755	-.03010	8.1890	.54523	.63919	6.9053	.00204	.73096
Stddev	.00091	.00051	.0152	.00146	.00082	.0160	.00024	.01484
%RSD	.41987	1.7101	.18525	.26790	.12760	.23196	11.531	2.0295
#1	.21678	-.03009	8.1736	.54355	.63968	6.9170	.00178	.74001
#2	.21731	-.03062	8.2039	.54608	.63825	6.9118	.00208	.73903
#3	.21856	-.02959	8.1893	.54607	.63964	6.8871	.00225	.71384
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0413	1.6844	.01153	4.8680	.12289	8.019	-.13362	1.5592
Stddev	.0155	.0468	.00063	.0238	.00150	.033	.00039	.1040
%RSD	.51078	2.7774	5.4976	.48851	1.2203	.4090	.29201	6.6681
#1	3.0293	1.6499	.01170	4.8446	.12426	7.986	-.13362	1.6660
#2	3.0358	1.6656	.01207	4.8672	.12313	8.019	-.13402	1.4583
#3	3.0589	1.7376	.01084	4.8922	.12128	8.051	-.13324	1.5535

Sample Name: K3163-03 Acquired: 6/5/2019 16:57:27 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-060419 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 412.89
Stddev	2.34
%RSD	.56612

#1	411.47
#2	411.62
#3	415.59

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4418.1	56240.	5185.2	59.006	3781.1
Stddev	13.2	93.	25.2	1.886	8.7
%RSD	.29890	.16506	.48685	3.1962	.23044

#1	4402.9	56136.	5173.6	61.184	3771.2
#2	4426.9	56313.	5214.2	57.923	3784.4
#3	4424.4	56273.	5167.9	57.912	3787.6

Sample Name: K3171-01 Acquired: 6/5/2019 17:01:59 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-03-008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08326	-.01514	.85960	.00577	-.00015	123.82	1.0509	.01328
Stddev	.00237	.00157	.00195	.00249	.00078	1.04	.0087	.00004
%RSD	2.8425	10.379	.22656	43.108	527.45	.83744	.82994	.28013
#1	.08192	-.01630	.85882	.00657	.00059	125.01	1.0604	.01330
#2	.08186	-.01577	.86181	.00298	-.00007	123.40	1.0490	.01331
#3	.08599	-.01335	.85816	.00776	-.00097	123.07	1.0433	.01324
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00394	915.36	.34501	.12557	.48266	172.63	3.9660	178.51
Stddev	.00019	31.75	.00188	.00088	.00340	1.20	.0034	.79
%RSD	4.7054	3.4691	.54409	.70161	.70365	.69539	.08580	.44280
#1	-.00406	952.03	.34657	.12464	.48369	173.88	3.9622	179.08
#2	-.00373	896.99	.34555	.12568	.48543	171.48	3.9687	178.84
#3	-.00404	897.07	.34293	.12639	.47887	172.52	3.9671	177.61
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55309	-.02373	8.5767	.53670	1.4883	19.888	.01132	.25912
Stddev	.00066	.00025	.0453	.00456	.0083	.181	.00016	.01182
%RSD	.11943	1.0591	.52786	.84911	.55761	.90773	1.4535	4.5633
#1	.55241	-.02372	8.6251	.53629	1.4841	20.089	.01117	.25132
#2	.55373	-.02349	8.5697	.54145	1.4829	19.833	.01131	.25331
#3	.55313	-.02399	8.5354	.53236	1.4978	19.741	.01149	.27272
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.028	1.0835	.04768	4.9759	.19250	8.375	2.3867	4.8584
Stddev	.192	.0373	.00292	.1817	.00914	.019	.0940	.0340
%RSD	.59927	3.4460	6.1246	3.6512	4.7459	.2273	3.9384	.69892
#1	32.010	1.1256	.04913	5.1857	.20303	8.388	2.4953	4.8311
#2	31.845	1.0708	.04958	4.8760	.18678	8.384	2.3310	4.8477
#3	32.228	1.0543	.04431	4.8662	.18767	8.353	2.3339	4.8964

Sample Name: K3171-01 Acquired: 6/5/2019 17:01:59 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-008 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 229.29
 Stddev 5.19
 %RSD 2.2653

#1 223.88
 #2 234.23
 #3 229.75

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3779.8	48394.	4617.4	53.764	3286.1
Stddev	4.5	194.	153.0	1.766	21.2
%RSD	.11825	.40035	3.3135	3.2853	.64632

#1	3784.2	48174.	4441.1	51.725	3295.5
#2	3779.9	48472.	4715.1	54.835	3301.0
#3	3775.3	48537.	4696.1	54.731	3261.8

Sample Name: K3171-03 Acquired: 6/5/2019 17:06:24 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-03-008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08577	-.01492	.95511	.00213	-.00041	134.07	1.1098	.01827
Stddev	.00265	.00082	.00183	.00354	.00104	.40	.0053	.00022
%RSD	3.0914	5.5011	.19130	166.08	255.73	.29835	.47822	1.1867
#1	.08358	-.01541	.95334	-.00159	-.00128	134.08	1.1126	.01818
#2	.08501	-.01397	.95699	.00547	-.00067	134.46	1.1132	.01851
#3	.08872	-.01538	.95500	.00253	.00074	133.66	1.1037	.01811
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00443	897.57	.37260	.14103	.57294	252.29	4.6862	192.64
Stddev	.00014	1.94	.00036	.00037	.00114	.23	.0055	.15
%RSD	3.0575	.21619	.09686	.26535	.19813	.09186	.11784	.07550
#1	-.00457	897.63	.37261	.14070	.57169	252.56	4.6894	192.79
#2	-.00430	895.59	.37224	.14144	.57324	252.18	4.6893	192.61
#3	-.00443	899.47	.37296	.14094	.57390	252.14	4.6798	192.50
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76460	-.03615	16.450	.55809	1.7929	19.707	.01351	.45546
Stddev	.00302	.00065	.065	.00381	.0079	.047	.00034	.00600
%RSD	.39492	1.7941	.39570	.68331	.44019	.23633	2.5224	1.3177
#1	.76321	-.03587	16.487	.56189	1.7953	19.721	.01357	.46044
#2	.76807	-.03690	16.489	.55811	1.7993	19.744	.01314	.45715
#3	.76253	-.03570	16.375	.55426	1.7841	19.654	.01381	.44880
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 31.909	1.1601	.05302	5.0169	.18689	9.157	2.2419	4.5960
Stddev	.150	.0130	.00209	.0081	.00308	.019	.0035	.1203
%RSD	.46933	1.1173	3.9489	.16070	1.6480	.2052	.15568	2.6164
#1	31.951	1.1750	.05261	5.0076	.18344	9.145	2.2412	4.4659
#2	32.033	1.1546	.05529	5.0224	.18788	9.178	2.2389	4.6192
#3	31.742	1.1509	.05116	5.0206	.18935	9.146	2.2457	4.7030

Sample Name: K3171-03 Acquired: 6/5/2019 17:06:24 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-03-008 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 379.96
Stddev	2.58
%RSD	.68019

#1	378.98
#2	378.00
#3	382.89

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3788.9	48701.	4760.8	54.496	3236.5
Stddev	5.0	87.	19.0	.351	13.4
%RSD	.13307	.17904	.39873	.64395	.41542

#1	3783.4	48628.	4762.5	54.627	3227.5
#2	3789.8	48678.	4778.9	54.762	3230.0
#3	3793.4	48798.	4741.1	54.098	3251.9

Sample Name: K3172-01 Acquired: 6/5/2019 17:10:47 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-01-005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07468	-.01533	1.7130	.01088	.00093	108.13	.93336	.01121
Stddev	.00199	.00377	.0009	.00125	.00313	.54	.00691	.00012
%RSD	2.6646	24.576	.05303	11.528	336.40	.50327	.74041	1.0713
#1	.07488	-.01121	1.7121	.01097	.00448	108.12	.93117	.01118
#2	.07260	-.01859	1.7132	.00958	-.00027	108.69	.94110	.01111
#3	.07657	-.01618	1.7139	.01209	-.00142	107.60	.92781	.01134
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00333	973.37	.29230	.10865	.46758	155.15	3.7685	231.27
Stddev	.00008	2.27	.00091	.00013	.00091	.56	.0088	1.04
%RSD	2.5029	.23284	.31036	.11963	.19551	.36279	.23462	.45138
#1	-.00333	975.80	.29163	.10859	.46849	155.63	3.7595	230.70
#2	-.00325	971.32	.29195	.10880	.46760	155.30	3.7772	232.47
#3	-.00341	972.97	.29333	.10856	.46666	154.53	3.7687	230.63
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47143	-.02079	8.7105	.48150	1.5202	16.979	.01610	.23434
Stddev	.00059	.00060	.0556	.00388	.0038	.123	.00030	.00622
%RSD	.12423	2.8828	.63821	.80630	.25085	.72203	1.8790	2.6530
#1	.47111	-.02011	8.6774	.47845	1.5183	16.844	.01582	.22868
#2	.47108	-.02124	8.7747	.48019	1.5177	17.083	.01605	.23336
#3	.47211	-.02101	8.6795	.48587	1.5246	17.011	.01642	.24099
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.324	1.2278	.14163	4.1058	.17230	7.724	2.4595	5.0034
Stddev	.100	.0248	.00315	.0193	.00111	.018	.0050	.0446
%RSD	.34165	2.0192	2.2245	.46987	.64577	.2308	.20535	.89223
#1	29.282	1.2365	.14491	4.1115	.17196	7.735	2.4646	5.0536
#2	29.252	1.1998	.14136	4.0843	.17140	7.703	2.4545	4.9883
#3	29.439	1.2470	.13862	4.1217	.17355	7.733	2.4592	4.9682

Sample Name: K3172-01 Acquired: 6/5/2019 17:10:47 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-01-005 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 201.45
Stddev	2.12
%RSD	1.0543

#1	199.53
#2	203.73
#3	201.10

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3725.4	47932.	4689.4	53.399	3225.0
Stddev	7.6	189.	27.7	1.296	9.7
%RSD	.20368	.39398	.59157	2.4263	.30224

#1	3717.1	47835.	4660.9	54.391	3229.4
#2	3726.9	47812.	4716.3	51.933	3231.8
#3	3732.0	48150.	4690.8	53.873	3213.8

Sample Name: K3172-03 Acquired: 6/5/2019 17:15:12 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-01-005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07206	-.01383	.66092	.00968	-.00285	103.01	.86735	.01075
Stddev	.00302	.00187	.00187	.00185	.00099	.20	.00079	.00012
%RSD	4.1921	13.554	.28231	19.158	34.876	.19404	.09159	1.0706
#1	.07247	-.01170	.66012	.00974	-.00339	103.04	.86703	.01077
#2	.07485	-.01525	.66305	.01150	-.00170	102.80	.86677	.01062
#3	.06885	-.01453	.65959	.00779	-.00345	103.19	.86826	.01085
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00338	790.65	.28900	.09758	.41823	146.36	3.4169	141.10
Stddev	.00019	2.53	.00167	.00018	.00091	.31	.0029	.26
%RSD	5.6623	.32054	.57710	.18775	.21732	.20937	.08468	.18304
#1	-.00317	793.56	.29091	.09778	.41818	146.06	3.4137	141.29
#2	-.00355	788.90	.28830	.09743	.41734	146.33	3.4177	140.81
#3	-.00343	789.49	.28780	.09753	.41916	146.68	3.4193	141.21
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42801	-.01778	6.9514	.44398	1.1841	13.510	.00980	.22126
Stddev	.00141	.00034	.0223	.00055	.0027	.084	.00013	.01865
%RSD	.32836	1.9399	.32082	.12357	.23121	.62276	1.3660	8.4285
#1	.42948	-.01738	6.9270	.44339	1.1810	13.455	.00991	.19992
#2	.42789	-.01796	6.9567	.44447	1.1853	13.468	.00965	.23441
#3	.42668	-.01799	6.9706	.44408	1.1860	13.607	.00983	.22946
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 28.538	.99208	.07315	4.1668	.15406	6.645	1.8542	5.4242
Stddev	.091	.01354	.00130	.0155	.00158	.013	.0088	.1790
%RSD	.31800	1.3653	1.7780	.37121	1.0238	.1885	.47625	3.2992
#1	28.472	.99676	.07196	4.1552	.15380	6.632	1.8642	5.2224
#2	28.642	.97682	.07454	4.1610	.15263	6.657	1.8476	5.5638
#3	28.501	1.0027	.07296	4.1844	.15575	6.646	1.8508	5.4862

Sample Name: K3172-03 Acquired: 6/5/2019 17:15:12 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-01-005 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 187.42
Stddev	1.98
%RSD	1.0571

#1	189.40
#2	185.44
#3	187.42

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3736.9	48100.	4661.9	55.435	3340.5
Stddev	11.0	164.	28.7	1.255	5.3
%RSD	.29351	.34127	.61580	2.2642	.15842

#1	3725.6	47921.	4629.2	55.131	3336.0
#2	3747.4	48243.	4683.2	56.814	3339.1
#3	3737.8	48137.	4673.2	54.359	3346.3

Sample Name: K3173-01 Acquired: 6/5/2019 17:19:37 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-02-004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06029	-.01174	.62402	.04140	-.00202	104.32	.80695	.01452
Stddev	.00424	.00192	.00167	.00303	.00215	.36	.00307	.00022
%RSD	7.0285	16.364	.26722	7.3300	106.53	.34726	.38016	1.5184
#1	.06330	-.01274	.62384	.04072	-.00077	104.23	.80597	.01445
#2	.06212	-.00953	.62245	.03876	-.00450	104.73	.81039	.01477
#3	.05544	-.01295	.62577	.04471	-.00078	104.02	.80450	.01434
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00619	776.45	.24322	.28804	.56068	227.41	3.2543	180.86
Stddev	.00011	.84	.00095	.00028	.00091	.81	.0039	.77
%RSD	1.7905	.10842	.39142	.09814	.16294	.35806	.11962	.42746
#1	-.00628	776.70	.24221	.28830	.55979	228.31	3.2498	180.33
#2	-.00606	777.14	.24335	.28774	.56162	227.20	3.2561	181.74
#3	-.00622	775.51	.24410	.28808	.56065	226.73	3.2569	180.49
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3746	-.03102	8.8090	.46920	1.1279	15.168	.00842	.25956
Stddev	.0021	.00067	.0468	.00068	.0033	.065	.00030	.00978
%RSD	.14991	2.1454	.53112	.14521	.29459	.42682	3.5658	3.7685
#1	1.3758	-.03058	8.7628	.46901	1.1303	15.196	.00862	.26873
#2	1.3722	-.03070	8.8563	.46995	1.1241	15.215	.00857	.26070
#3	1.3758	-.03179	8.8080	.46863	1.1294	15.095	.00808	.24926
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 168.51	1.2048	-.02217	4.2101	.14731	6.778	1.7736	5.0173
Stddev	.71	.0037	.00096	.0100	.00153	.016	.0046	.0813
%RSD	.42317	.30878	4.3496	.23810	1.0355	.2302	.25889	1.6208
#1	169.20	1.2009	-.02118	4.2001	.14556	6.796	1.7768	5.0840
#2	167.78	1.2053	-.02310	4.2201	.14800	6.769	1.7756	5.0412
#3	168.54	1.2083	-.02223	4.2100	.14837	6.768	1.7683	4.9267

Sample Name: K3173-01 Acquired: 6/5/2019 17:19:37 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-02-004 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 332.00
Stddev	4.93
%RSD	1.4848

#1	326.49
#2	336.00
#3	333.50

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3779.7	48557.	4724.3	55.650	3287.6
Stddev	7.8	129.	24.0	1.093	3.7
%RSD	.20667	.26534	.50863	1.9640	.11138

#1	3780.9	48415.	4697.6	55.912	3283.9
#2	3771.4	48590.	4744.1	56.589	3287.7
#3	3786.8	48666.	4731.3	54.450	3291.2

Sample Name: K3173-03 Acquired: 6/5/2019 17:24:02 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-SF-02-004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08812	-.01370	.97491	.00535	.00035	115.42	.91593	.01321
Stddev	.00139	.00092	.00433	.00165	.00209	.53	.00294	.00014
%RSD	1.5725	6.6966	.44385	30.786	590.42	.46146	.32130	1.0394
#1	.08772	-.01290	.97877	.00639	-.00016	114.80	.91257	.01326
#2	.08698	-.01351	.97023	.00622	.00265	115.68	.91713	.01306
#3	.08966	-.01470	.97573	.00345	-.00143	115.76	.91808	.01332
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00384	1136.1	.28192	.10668	.50645	161.24	3.4023	206.30
Stddev	.00009	3.9	.00028	.00077	.00140	.71	.0041	1.01
%RSD	2.3430	.34059	.09880	.72301	.27594	.44320	.11923	.48843
#1	-.00381	1133.8	.28172	.10663	.50806	160.58	3.4057	205.26
#2	-.00377	1140.6	.28224	.10747	.50565	161.15	3.4033	206.36
#3	-.00394	1133.9	.28181	.10593	.50563	162.00	3.3978	207.28
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44093	-.02353	14.247	.49197	1.5074	17.428	.01007	.33679
Stddev	.00061	.00033	.073	.00329	.0005	.168	.00014	.01236
%RSD	.13946	1.3975	.51294	.66783	.03350	.96206	1.3496	3.6703
#1	.44154	-.02368	14.168	.49338	1.5070	17.235	.00996	.35046
#2	.44093	-.02315	14.311	.48822	1.5074	17.537	.01003	.32640
#3	.44031	-.02376	14.263	.49432	1.5080	17.512	.01022	.33350
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 35.213	.93082	.05264	4.1950	.18525	7.185	3.2264	5.4789
Stddev	.106	.00935	.00274	.0168	.00245	.010	.0184	.1824
%RSD	.30128	1.0040	5.2019	.39921	1.3250	.1389	.56920	3.3299
#1	35.325	.93975	.05238	4.1783	.18241	7.196	3.2127	5.5793
#2	35.113	.92110	.05549	4.2118	.18668	7.183	3.2473	5.5892
#3	35.202	.93160	.05004	4.1951	.18664	7.176	3.2192	5.2684

Sample Name: K3173-03 Acquired: 6/5/2019 17:24:02 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-SF-02-004 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 202.23
Stddev	2.31
%RSD	1.1436

#1	200.42
#2	201.43
#3	204.83

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3643.7	46854.	4622.8	53.348	3169.3
Stddev	6.6	32.	18.0	1.490	4.9
%RSD	.18014	.06931	.38919	2.7923	.15524

#1	3650.8	46891.	4623.3	52.210	3173.2
#2	3637.8	46842.	4604.5	52.801	3163.8
#3	3642.5	46830.	4640.5	55.034	3171.0

Sample Name: CCV05 Acquired: 6/5/2019 17:32:57 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0313	5.1319	4.9999	5.0924	5.0374	9.4993	9.8127	.25463
Stddev	.0065	.0057	.0121	.0056	.0074	.0268	.0081	.00045
%RSD	.12981	.11160	.24309	.10957	.14775	.28179	.08247	.17514
#1	5.0330	5.1373	4.9992	5.0913	5.0453	9.4951	9.8043	.25470
#2	5.0368	5.1259	4.9881	5.0984	5.0305	9.4749	9.8134	.25415
#3	5.0241	5.1325	5.0123	5.0875	5.0366	9.5280	9.8204	.25504
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5000	24.947	1.0103	2.5321	1.2560	5.0065	2.5377	24.756
Stddev	.0032	.066	.0029	.0032	.0012	.0034	.0035	.162
%RSD	.12810	.26615	.28354	.12675	.09269	.06796	.13956	.65452
#1	2.4967	24.873	1.0073	2.5333	1.2558	5.0075	2.5368	24.637
#2	2.5001	25.003	1.0106	2.5285	1.2573	5.0027	2.5347	24.690
#3	2.5031	24.964	1.0130	2.5346	1.2550	5.0093	2.5416	24.941
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4912	1.2790	24.125	2.5456	2.5322	24.093	5.0415	4.7250
Stddev	.0040	.0024	.015	.0058	.0017	.017	.0081	.0247
%RSD	.16015	.18585	.06136	.22924	.06855	.07104	.16167	.52362
#1	2.4867	1.2815	24.113	2.5389	2.5333	24.105	5.0463	4.6988
#2	2.4925	1.2768	24.120	2.5484	2.5302	24.073	5.0460	4.7281
#3	2.4943	1.2786	24.141	2.5495	2.5331	24.101	5.0321	4.7480
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0715	5.1343	4.9849	5.0142	4.6955	5.195	5.0071	5.4783
Stddev	.0048	.0194	.0157	.0158	.0430	.005	.0291	.0877
%RSD	.09438	.37842	.31536	.31409	.91530	.0978	.58167	1.6005
#1	5.0769	5.1483	4.9667	5.0228	4.7374	5.194	5.0342	5.4520
#2	5.0678	5.1425	4.9932	5.0238	4.6976	5.200	5.0109	5.5761
#3	5.0697	5.1121	4.9946	4.9960	4.6515	5.190	4.9763	5.4067

Sample Name: CCV05 Acquired: 6/5/2019 17:32:57 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.4997
Stddev	.4513
%RSD	12.895

#1	4.0192
#2	3.2040
#3	3.2759

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3700.9	46994.	4294.2	58.596	3868.4
Stddev	6.7	154.	35.6	.729	3.9
%RSD	.18227	.32754	.82807	1.2449	.10124

#1	3697.7	46823.	4256.9	59.243	3864.0
#2	3696.4	47120.	4297.9	58.741	3870.2
#3	3708.7	47039.	4327.8	57.805	3871.2

Sample Name: CCB05 Acquired: 6/5/2019 17:36:56 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00191	.00130	.00218	.00081	-.00154	-.01615	.00051
Stddev	.00251	.00046	.00064	.00210	.00076	.00803	.00033
%RSD	131.47	35.494	29.445	257.33	49.459	49.743	65.923

#1	.00094	.00083	.00222	.00236	-.00182	-.01241	.00031
#2	-.00286	.00133	.00280	-.00157	-.00068	-.02538	.00089
#3	-.00380	.00175	.00152	.00165	-.00213	-.01067	.00032

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00009	.00633	-.00002	.00008	-.00051	.00087
Stddev	.00004	.00004	.01776	.00031	.00020	.00027	.00037
%RSD	155.06	41.523	280.76	1400.3	247.30	52.656	42.075

#1	.00008	.00011	.02333	-.00026	.00014	-.00069	.00126
#2	-.00001	.00011	.00776	.00033	.00025	-.00063	.00053
#3	.00002	.00005	-.01211	-.00014	-.00014	-.00020	.00083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.04958	-.00006	.00133	.08145	-.00014	.00056
Stddev	.00007	.02780	.00025	.00038	.00481	.00009	.00011
%RSD	107.58	56.066	401.10	28.816	5.9094	67.399	18.767

#1	.00010	-.08046	.00016	.00177	.08135	-.00023	.00067
#2	.00011	-.04171	-.00000	.00117	.07669	-.00004	.00046
#3	-.00002	-.02656	-.00034	.00106	.08632	-.00016	.00056

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19321	.00012	-.00134	.01451	-.00650	.00065	.00177
Stddev	.03209	.00011	.00166	.00391	.00218	.00106	.00154
%RSD	16.608	90.586	123.71	26.938	33.569	163.45	87.067

#1	.18585	.00011	-.00312	.01849	-.00453	.00170	.00304
#2	.16543	.00024	.00017	.01434	-.00613	.00068	.00006
#3	.22833	.00002	-.00108	.01068	-.00885	-.00043	.00221

Sample Name: CCB05 Acquired: 6/5/2019 17:36:56 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00611	-0.0015	.00004	4.3595	F<.00000
Stddev	.00140	.0008	.00013	.0554	1.2402
%RSD	22.847	52.02	342.81	1.2699	52.870

#1	-0.00769	-0.0012	.00012	4.4232	-2.2361
#2	-0.00558	-0.0024	.00011	4.3235	-3.6370
#3	-0.00505	-0.0010	-.00011	4.3317	-1.1639

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3878.5	49654.	4351.3	60.686	4369.4
Stddev	8.3	71.	34.9	1.209	9.0
%RSD	.21470	.14354	.80204	1.9925	.20543

#1	3878.8	49714.	4316.9	62.020	4362.2
#2	3870.1	49575.	4386.7	60.373	4366.6
#3	3886.7	49674.	4350.5	59.664	4379.5

Sample Name: K3174-01 Acquired: 6/5/2019 17:41:25 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-03-00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03012	.00523	.08475	.01404	-.00110	127.09	.21746	.00895
Stddev	.00063	.00070	.00148	.00190	.00200	1.01	.00198	.00008
%RSD	2.0808	13.295	1.7491	13.507	182.18	.79617	.90932	.87300
#1	.02958	.00502	.08643	.01352	.00050	126.31	.21591	.00890
#2	.02998	.00467	.08362	.01246	-.00046	128.24	.21969	.00904
#3	.03081	.00601	.08420	.01614	-.00334	126.74	.21677	.00892
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00944	26.789	.15622	.02252	.08897	155.55	.42774	1.6878
Stddev	.00020	.163	.00104	.00012	.00036	1.05	.00044	.0469
%RSD	2.1319	.60931	.66614	.54733	.40364	.67669	.10380	2.7787
#1	-.00921	26.631	.15551	.02258	.08935	154.58	.42785	1.6585
#2	-.00954	26.957	.15741	.02260	.08864	156.67	.42813	1.7419
#3	-.00958	26.778	.15573	.02238	.08893	155.39	.42726	1.6631
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06593	-.01220	.88780	.27049	.18797	1.7684	.00126	.11496
Stddev	.00043	.00038	.01632	.00120	.00108	.0195	.00015	.01294
%RSD	.65407	3.1374	1.8385	.44293	.57287	1.1038	11.602	11.254
#1	.06622	-.01176	.88794	.26911	.18914	1.7524	.00125	.10621
#2	.06614	-.01236	.90405	.27124	.18702	1.7901	.00112	.10885
#3	.06543	-.01248	.87141	.27113	.18775	1.7627	.00141	.12982
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80859	2.9724	.00353	.66091	.01770	1.422	-.15830	3.9263
Stddev	.00159	.0349	.00074	.00299	.00148	.007	.00122	.0773
%RSD	.19699	1.1741	21.046	.45293	8.3779	.4957	.77030	1.9699
#1	.80873	2.9933	.00338	.65801	.01792	1.430	-.15720	4.0147
#2	.81011	2.9321	.00287	.66073	.01906	1.420	-.15961	3.8929
#3	.80694	2.9917	.00434	.66399	.01612	1.417	-.15808	3.8712

Sample Name: K3174-01 Acquired: 6/5/2019 17:41:25 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-03-00 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 203.17
Stddev	1.36
%RSD	.66700

#1	201.80
#2	204.51
#3	203.20

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3973.6	50395.	4579.8	59.952	4069.8
Stddev	4.3	284.	40.6	1.205	4.3
%RSD	.10868	.56404	.88680	2.0093	.10593

#1	3978.4	50454.	4554.0	60.710	4065.2
#2	3972.3	50086.	4626.7	58.563	4073.7
#3	3970.0	50645.	4558.9	60.583	4070.6

Sample Name: K3175-01 Acquired: 6/5/2019 17:46:00 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-03-00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04258	.00525	.09528	.01057	-.00137	126.39	.24807	.01094
Stddev	.00251	.00212	.00067	.00382	.00225	.82	.00189	.00019
%RSD	5.8870	40.268	.70571	36.139	164.20	.65060	.76021	1.7193
#1	.04523	.00523	.09467	.00677	-.00392	125.47	.24589	.01096
#2	.04229	.00738	.09519	.01052	-.00054	126.66	.24927	.01075
#3	.04024	.00315	.09600	.01441	.00035	127.05	.24903	.01112
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01116	32.746	.16957	.02787	.09996	188.74	.63766	1.6722
Stddev	.00013	.201	.00045	.00020	.00057	1.14	.00172	.0096
%RSD	1.1431	.61510	.26628	.71594	.57220	.60374	.26949	.57478
#1	-.01101	32.543	.16910	.02770	.09934	187.62	.63572	1.6746
#2	-.01124	32.749	.17000	.02809	.10047	188.69	.63900	1.6616
#3	-.01123	32.946	.16959	.02783	.10005	189.90	.63825	1.6804
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06474	-.01601	1.0268	.31522	.23705	1.7419	.00287	.13759
Stddev	.00025	.00060	.0081	.00049	.00099	.0426	.00018	.01311
%RSD	.39149	3.7359	.79193	.15499	.41862	2.4460	6.2751	9.5305
#1	.06447	-.01668	1.0178	.31549	.23808	1.6934	.00298	.13567
#2	.06498	-.01582	1.0289	.31466	.23697	1.7731	.00296	.12555
#3	.06475	-.01553	1.0336	.31551	.23611	1.7593	.00266	.15156
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98377	2.5322	.00434	.69688	.01646	1.644	-.19181	3.9928
Stddev	.00394	.0263	.00063	.00097	.00025	.003	.00116	.1768
%RSD	.40073	1.0398	14.476	.13940	1.5392	.1882	.60697	4.4273
#1	.98770	2.5626	.00496	.69697	.01619	1.648	-.19063	3.8043
#2	.98378	2.5173	.00435	.69781	.01650	1.642	-.19184	4.1549
#3	.97982	2.5166	.00371	.69587	.01670	1.644	-.19296	4.0193

Sample Name: K3175-01 Acquired: 6/5/2019 17:46:00 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-03-00 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 253.68
Stddev 2.68
%RSD 1.0568

#1 256.64
#2 252.99
#3 251.42

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3957.1	50304.	4613.0	61.266	4030.9
Stddev	9.8	70.	23.7	1.054	7.0
%RSD	.24826	.13901	.51273	1.7202	.17254

#1	3947.7	50360.	4592.6	60.164	4023.9
#2	3967.3	50326.	4638.9	61.367	4037.8
#3	3956.1	50226.	4607.5	62.265	4031.1

Sample Name: K3175-01DUP Acquired: 6/5/2019 17:50:32 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-03-00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03881	.00588	.09706	.01037	.00019	127.80	.25008	.01123
Stddev	.00276	.00117	.00014	.00174	.00040	.55	.00125	.00024
%RSD	7.1143	19.843	.14719	16.738	208.47	.43321	.49842	2.1650
#1	.03723	.00714	.09705	.01092	.00036	127.80	.24990	.01151
#2	.03721	.00483	.09692	.00843	-.00026	127.24	.24893	.01111
#3	.04200	.00568	.09721	.01177	.00048	128.35	.25141	.01106
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01103	32.825	.17225	.02819	.10108	189.27	.64027	1.7601
Stddev	.00015	.251	.00032	.00028	.00040	1.53	.00147	.0052
%RSD	1.3661	.76326	.18317	.99716	.39587	.80763	.22885	.29686
#1	-.01093	32.743	.17261	.02828	.10089	188.81	.63862	1.7593
#2	-.01097	32.626	.17210	.02787	.10154	188.03	.64079	1.7554
#3	-.01121	33.107	.17203	.02841	.10081	190.98	.64140	1.7657
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06585	-.01638	1.0240	.31751	.23690	1.7324	.00297	.13700
Stddev	.00078	.00018	.0022	.00075	.00038	.0029	.00020	.00803
%RSD	1.1854	1.0902	.21744	.23670	.15945	.16490	6.6625	5.8632
#1	.06667	-.01648	1.0249	.31703	.23681	1.7332	.00315	.14500
#2	.06511	-.01648	1.0215	.31838	.23732	1.7347	.00276	.12894
#3	.06578	-.01617	1.0257	.31713	.23658	1.7292	.00299	.13708
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98325	2.6491	.00474	.69390	.01619	1.657	-.19228	3.8647
Stddev	.00121	.0297	.00004	.00438	.00116	.002	.00167	.3180
%RSD	.12346	1.1220	.74658	.63124	7.1794	.0944	.87044	8.2280
#1	.98444	2.6301	.00473	.69610	.01526	1.656	-.19189	3.5206
#2	.98328	2.6834	.00471	.68886	.01582	1.656	-.19083	3.9257
#3	.98202	2.6339	.00478	.69676	.01749	1.659	-.19411	4.1478

Sample Name: K3175-01DUP Acquired: 6/5/2019 17:50:32 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-03-00 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 255.30
Stddev 3.27
%RSD 1.2796

#1 254.41
#2 258.92
#3 252.58

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3957.0	50106.	4587.4	59.780	4022.7
Stddev	3.9	207.	19.5	.486	7.0
%RSD	.09832	.41351	.42417	.81239	.17316

#1	3952.6	50012.	4588.7	59.490	4017.5
#2	3958.5	50344.	4606.1	59.509	4019.9
#3	3960.0	49963.	4567.3	60.340	4030.6

Sample Name: K3175-01LX5 Acquired: 6/5/2019 17:55:05 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01057	-.00042	.01955	.00523	-.00034	26.959	.05318	.00213
Stddev	.00151	.00038	.00094	.00230	.00046	.230	.00028	.00014
%RSD	14.302	90.283	4.8169	43.967	137.47	.85343	.52458	6.7613
#1	.01217	-.00012	.01846	.00421	.00012	27.222	.05350	.00204
#2	.00916	-.00029	.02001	.00787	-.00080	26.798	.05307	.00229
#3	.01039	-.00084	.02016	.00363	-.00033	26.856	.05297	.00205
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00291	7.6403	.03562	.00613	.02069	44.116	.13843	.36895
Stddev	.00003	.0613	.00021	.00021	.00077	.441	.00039	.05197
%RSD	1.1125	.80184	.57647	3.4879	3.7107	.99864	.28381	14.087
#1	-.00289	7.6817	.03583	.00595	.02039	44.265	.13818	.30910
#2	-.00289	7.5699	.03562	.00636	.02156	43.620	.13888	.39509
#3	-.00294	7.6692	.03542	.00606	.02012	44.463	.13823	.40266
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01293	-.00213	.25411	.06584	.04610	.44598	.00028	.03625
Stddev	.00035	.00024	.00659	.00025	.00061	.01155	.00019	.00840
%RSD	2.6787	11.208	2.5934	.38207	1.3158	2.5900	65.693	23.174
#1	.01286	-.00223	.26167	.06612	.04585	.43377	.00009	.04539
#2	.01331	-.00230	.25103	.06575	.04679	.45673	.00046	.03450
#3	.01263	-.00186	.24962	.06564	.04566	.44743	.00029	.02886
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20189	.58221	.00154	.15215	-.00071	.3298	-.04509	4.4646
Stddev	.00218	.02560	.00053	.00422	.00122	.0013	.00052	.0346
%RSD	1.0797	4.3971	34.218	2.7713	171.59	.4014	1.1511	.77484
#1	.19941	.61046	.00211	.15680	-.00202	.3310	-.04519	4.4669
#2	.20347	.57560	.00146	.14858	-.00050	.3301	-.04452	4.4980
#3	.20280	.56055	.00106	.15106	.00039	.3284	-.04555	4.4289

Sample Name: K3175-01LX5 Acquired: 6/5/2019 17:55:05 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	47.612
Stddev	.944
%RSD	1.9823

#1	47.208
#2	48.691
#3	46.939

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3900.8	49554.	4321.9	60.677	4224.5
Stddev	7.8	208.	147.7	4.686	8.0
%RSD	.19956	.41912	3.4184	7.7227	.18881

#1	3893.3	49385.	4152.1	55.377	4216.6
#2	3900.2	49786.	4392.3	62.380	4224.4
#3	3908.8	49492.	4421.3	64.273	4232.5

Sample Name: K3175-01MS Acquired: 6/5/2019 17:59:36 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-03-00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75538	1.9766	1.0802	1.7916	.09362	181.49	.45415	.20562
Stddev	.00315	.0087	.0021	.0085	.00130	4.78	.00931	.00099
%RSD	.41681	.44072	.19079	.47481	1.3929	2.6323	2.0507	.47984
#1	.75507	1.9718	1.0812	1.7972	.09426	176.05	.44357	.20578
#2	.75866	1.9867	1.0816	1.7958	.09448	184.98	.46109	.20456
#3	.75239	1.9715	1.0778	1.7818	.09212	183.46	.45781	.20652
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18344	36.237	.59276	.23338	.39813	204.85	.85875	4.0753
Stddev	.00026	.227	.00286	.00093	.00136	.19	.00128	.1146
%RSD	.14022	.62705	.48180	.39727	.34188	.09282	.14861	2.8123
#1	.18314	35.983	.59387	.23436	.39876	204.63	.85876	3.9509
#2	.18359	36.420	.58952	.23326	.39907	204.99	.85747	4.0985
#3	.18359	36.308	.59490	.23252	.39657	204.92	.86002	4.1766
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57658	.05385	3.6476	.64179	.44137	11.042	.31496	.32105
Stddev	.00104	.00074	.0677	.00108	.00066	.180	.00104	.00320
%RSD	.18080	1.3686	1.8548	.16777	.14942	1.6288	.33114	.99517
#1	.57543	.05342	3.5807	.64069	.44074	10.873	.31567	.32142
#2	.57746	.05344	3.7160	.64284	.44205	11.231	.31546	.31769
#3	.57684	.05471	3.6461	.64183	.44133	11.023	.31376	.32405
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0431	3.3771	.61023	.86256	.21003	7.648	-.02354	4.3562
Stddev	.0031	.2730	.00450	.07922	.02067	.030	.01772	.0511
%RSD	.29540	8.0844	.73748	9.1842	9.8401	.3874	75.281	1.1732
#1	1.0451	3.0666	.61016	.77335	.18661	7.649	-.04349	4.3550
#2	1.0395	3.5796	.61476	.92468	.22570	7.678	-.00964	4.3057
#3	1.0446	3.4852	.60576	.88965	.21779	7.618	-.01749	4.4079

Sample Name: K3175-01MS Acquired: 6/5/2019 17:59:36 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-03-00 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 282.06
Stddev	2.93
%RSD	1.0375

#1	280.96
#2	285.37
#3	279.83

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3927.5	49458.	4609.5	60.664	3942.9
Stddev	10.4	80.	316.3	4.397	2.9
%RSD	.26587	.16234	6.8628	7.2481	.07455

#1	3922.7	49427.	4967.7	65.736	3944.5
#2	3920.2	49399.	4368.3	57.929	3939.5
#3	3939.4	49550.	4492.6	58.327	3944.7

Sample Name: K3175-01MSD Acquired: 6/5/2019 18:03:59 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-03-00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75866	1.9835	1.0768	1.7994	.09529	182.96	.45830	.20515
Stddev	.00656	.0077	.0027	.0049	.00346	1.05	.00433	.00059
%RSD	.86490	.38804	.25060	.27040	3.6260	.57572	.94476	.28535
#1	.75108	1.9746	1.0741	1.8034	.09538	181.80	.45339	.20543
#2	.76246	1.9875	1.0795	1.8009	.09180	183.85	.46157	.20555
#3	.76243	1.9883	1.0769	1.7940	.09871	183.24	.45995	.20448
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18298	36.228	.59202	.23282	.39802	204.39	.85575	4.1402
Stddev	.00049	.150	.00114	.00028	.00061	.74	.00162	.0589
%RSD	.27045	.41341	.19325	.11868	.15330	.36356	.18953	1.4225
#1	.18339	36.057	.59225	.23314	.39848	203.54	.85554	4.1075
#2	.18243	36.334	.59302	.23268	.39825	204.91	.85746	4.1049
#3	.18311	36.293	.59077	.23265	.39732	204.72	.85424	4.2082
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57689	.05457	3.7051	.64112	.44239	11.142	.31435	.31104
Stddev	.00093	.00122	.0110	.00099	.00031	.018	.00065	.00468
%RSD	.16148	2.2321	.29683	.15407	.07017	.16215	.20580	1.5060
#1	.57649	.05333	3.6973	.64224	.44255	11.124	.31501	.31387
#2	.57623	.05577	3.7177	.64035	.44258	11.142	.31372	.30564
#3	.57796	.05460	3.7002	.64079	.44203	11.161	.31431	.31362
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0442	3.4390	.61315	.89054	.21305	7.666	-.01882	4.6003
Stddev	.0053	.0104	.00215	.00431	.00334	.017	.00207	.0202
%RSD	.50408	.30178	.34998	.48373	1.5668	.2254	11.001	.43851
#1	1.0395	3.4311	.61378	.88559	.20923	7.646	-.02116	4.6129
#2	1.0432	3.4507	.61076	.89260	.21539	7.679	-.01720	4.5771
#3	1.0499	3.4351	.61491	.89343	.21453	7.672	-.01812	4.6110

Sample Name: K3175-01MSD Acquired: 6/5/2019 18:03:59 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-BPM-03-00 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 277.69
Stddev	1.71
%RSD	.61477

#1	276.99
#2	279.63
#3	276.44

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3919.3	49442.	4544.4	60.354	3930.6
Stddev	8.9	86.	40.1	1.236	5.2
%RSD	.22819	.17424	.88317	2.0484	.13246

#1	3909.7	49484.	4586.4	61.205	3926.2
#2	3920.9	49343.	4506.5	60.921	3929.2
#3	3927.4	49499.	4540.4	58.936	3936.3

Sample Name: K3175-01A Acquired: 6/5/2019 18:08:20 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76447	1.9983	1.0879	1.8099	.09285	184.01	.45862	.20542
Stddev	.00254	.0121	.0036	.0080	.00135	.37	.00106	.00083
%RSD	.33191	.60730	.33371	.44486	1.4542	.20054	.23213	.40561
#1	.76248	1.9869	1.0839	1.8018	.09251	183.90	.45978	.20456
#2	.76361	1.9969	1.0890	1.8179	.09171	183.71	.45837	.20623
#3	.76733	2.0111	1.0910	1.8102	.09434	184.42	.45770	.20548
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18309	36.403	.59416	.23559	.40177	205.38	.86022	4.1831
Stddev	.00019	.065	.00209	.00051	.00036	.35	.00096	.0442
%RSD	.10349	.17916	.35149	.21519	.08861	.17249	.11185	1.0574
#1	.18328	36.449	.59338	.23533	.40211	205.65	.85925	4.1351
#2	.18308	36.431	.59653	.23618	.40140	205.52	.86023	4.1918
#3	.18290	36.328	.59258	.23527	.40179	204.98	.86118	4.2223
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58101	.05324	3.6829	.64120	.44250	11.199	.31728	.32081
Stddev	.00187	.00033	.0248	.00187	.00015	.091	.00096	.01285
%RSD	.32170	.61962	.67457	.29168	.03294	.80989	.30263	4.0042
#1	.57901	.05286	3.6691	.63916	.44261	11.098	.31626	.30653
#2	.58128	.05339	3.6681	.64162	.44255	11.226	.31817	.32449
#3	.58272	.05347	3.7116	.64283	.44233	11.273	.31741	.33142
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0486	3.5543	.61647	.89913	.21460	7.722	-.01840	4.4662
Stddev	.0014	.0445	.00263	.00298	.00129	.020	.00104	.0278
%RSD	.13722	1.2509	.42635	.33108	.60296	.2549	5.6305	.62296
#1	1.0498	3.5450	.61434	.89569	.21352	7.705	-.01942	4.4962
#2	1.0491	3.6027	.61565	.90094	.21603	7.744	-.01844	4.4412
#3	1.0470	3.5152	.61941	.90075	.21424	7.716	-.01735	4.4611

Sample Name: K3175-01A Acquired: 6/5/2019 18:08:20 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 281.75
 Stddev .76
 %RSD .27141

#1 282.62
 #2 281.21
 #3 281.41

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3922.4	49416.	4520.6	59.403	3934.0
Stddev	8.4	110.	11.9	.928	6.6
%RSD	.21395	.22357	.26261	1.5616	.16690

#1	3915.7	49451.	4533.4	58.641	3930.8
#2	3919.7	49504.	4518.2	59.132	3929.7
#3	3931.8	49292.	4510.0	60.436	3941.6

Sample Name: K3182-02 Acquired: 6/5/2019 18:12:42 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-06-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07143	-.01076	3.5638	.00804	-.01284	103.44	.62862	.02032
Stddev	.00215	.00155	.0050	.00098	.00209	.23	.00220	.00023
%RSD	3.0147	14.442	.13899	12.185	16.299	.22704	.35007	1.1355
#1	.07375	-.01218	3.5586	.00881	-.01058	103.17	.62610	.02020
#2	.07105	-.01101	3.5685	.00838	-.01471	103.54	.62958	.02059
#3	.06950	-.00910	3.5642	.00694	-.01324	103.61	.63017	.02018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00956	79.256	1.0155	.64055	2.9571	269.37	3.8046	192.73
Stddev	.00021	.361	.0028	.00397	.0043	1.33	.0019	.73
%RSD	2.1702	.45507	.27652	.61942	.14358	.49366	.05077	.38068
#1	-.00967	79.193	1.0124	.63598	2.9524	268.51	3.8062	192.03
#2	-.00932	78.931	1.0163	.64313	2.9606	268.70	3.8050	192.67
#3	-.00968	79.644	1.0178	.64254	2.9584	270.90	3.8024	193.49
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6194	-.02820	24.121	.33289	2.0495	21.330	-.00056	.18495
Stddev	.0123	.00053	.107	.00212	.0015	.021	.00029	.00480
%RSD	.16193	1.8756	.44422	.63649	.07426	.09750	51.292	2.5977
#1	7.6059	-.02797	23.998	.33370	2.0479	21.315	-.00034	.19042
#2	7.6301	-.02880	24.170	.33448	2.0509	21.322	-.00045	.18299
#3	7.6223	-.02782	24.195	.33048	2.0498	21.354	-.00088	.18144
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1957	2.3140	.04764	3.5462	.20697	8.251	-.09814	3.2377
Stddev	.0579	.0165	.00042	.0192	.00174	.051	.00069	.1917
%RSD	.80525	.71263	.87233	.54246	.84121	.6196	.69841	5.9200
#1	7.1298	2.3326	.04779	3.5395	.20721	8.192	-.09746	3.4272
#2	7.2191	2.3079	.04796	3.5313	.20512	8.284	-.09812	3.0439
#3	7.2384	2.3014	.04717	3.5679	.20857	8.276	-.09883	3.2419

Sample Name: K3182-02 Acquired: 6/5/2019 18:12:42 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-06-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 447.74
 Stddev 3.83
 %RSD .85635

#1 444.68
 #2 452.04
 #3 446.51

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4044.0	52054.	4857.7	59.115	3603.4
Stddev	4.4	37.	26.3	.303	3.7
%RSD	.10765	.07026	.54063	.51234	.10324

#1	4048.9	52070.	4828.0	59.149	3607.3
#2	4042.7	52079.	4878.1	58.797	3603.2
#3	4040.5	52012.	4866.9	59.400	3599.9

Sample Name: K3182-04 Acquired: 6/5/2019 18:17:06 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-05-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06091	-.00858	2.0934	.01491	-.00872	103.10	1.2648	.01695
Stddev	.00413	.00197	.0034	.00311	.00103	.74	.0057	.00024
%RSD	6.7805	22.991	.16490	20.858	11.821	.72003	.45073	1.3995
#1	.05669	-.00826	2.0974	.01271	-.00937	102.69	1.2628	.01699
#2	.06494	-.00678	2.0911	.01354	-.00926	103.96	1.2713	.01670
#3	.06110	-.01069	2.0918	.01847	-.00753	102.65	1.2604	.01717
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00887	86.885	.45763	.43888	.53083	226.10	3.6238	88.275
Stddev	.00012	.264	.00041	.00021	.00046	1.11	.0036	.662
%RSD	1.3798	.30431	.08897	.04759	.08702	.49201	.10027	.74955
#1	-.00881	86.621	.45790	.43902	.53068	225.42	3.6200	87.529
#2	-.00902	87.150	.45784	.43864	.53046	227.39	3.6273	88.790
#3	-.00880	86.885	.45716	.43898	.53135	225.50	3.6241	88.507
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9625	-.02354	28.953	.33941	1.3616	13.698	-.00015	.16684
Stddev	.0024	.00015	.094	.00111	.0007	.036	.00056	.01702
%RSD	.04939	.65073	.32538	.32845	.04905	.26317	366.59	10.199
#1	4.9653	-.02337	28.910	.33878	1.3622	13.700	-.00013	.16824
#2	4.9613	-.02364	29.061	.34070	1.3609	13.732	.00039	.14916
#3	4.9608	-.02362	28.888	.33875	1.3617	13.660	-.00073	.18311
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0791	2.7003	.03865	3.1097	.18281	7.329	.05813	3.3029
Stddev	.0111	.0268	.00062	.0076	.00184	.011	.00138	.0636
%RSD	.36005	.99355	1.5980	.24610	1.0083	.1476	2.3816	1.9259
#1	3.0916	2.6767	.03804	3.1019	.18111	7.341	.05738	3.2920
#2	3.0703	2.6947	.03928	3.1172	.18477	7.322	.05729	3.2454
#3	3.0755	2.7295	.03863	3.1100	.18255	7.324	.05973	3.3712

Sample Name: K3182-04 Acquired: 6/5/2019 18:17:06 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-05-COMP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 347.43
Stddev	1.82
%RSD	.52245

#1	346.24
#2	349.52
#3	346.54

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4135.5	52714.	4896.9	59.004	3688.2
Stddev	3.3	235.	4.9	.279	2.1
%RSD	.07961	.44545	.09926	.47234	.05787

#1	4136.9	52595.	4893.8	58.721	3686.1
#2	4137.8	52563.	4894.5	59.013	3690.4
#3	4131.7	52985.	4902.5	59.278	3688.1

Sample Name: K3184-01 Acquired: 6/5/2019 18:21:31 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONTINGENCY- Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24433	-.02698	.40303	.00380	-.01088	134.55	1.8241	.00954
Stddev	.00427	.00139	.00183	.00483	.00274	1.73	.0227	.00017
%RSD	1.7488	5.1378	.45369	127.06	25.235	1.2844	1.2456	1.8124
#1	.24431	-.02785	.40235	.00909	-.01383	134.02	1.8221	.00973
#2	.24007	-.02538	.40164	.00270	-.01040	136.48	1.8477	.00948
#3	.24862	-.02771	.40510	-.00038	-.00840	133.15	1.8024	.00940
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00419	1685.3	1.8089	.07343	1.3097	146.39	5.7830	177.91
Stddev	.00037	21.5	.0155	.00065	.0055	1.90	.0311	2.25
%RSD	8.9181	1.2766	.85896	.88177	.42292	1.2967	.53741	1.2650
#1	-.00443	1685.3	1.8102	.07362	1.3096	145.72	5.7889	177.15
#2	-.00438	1663.7	1.8237	.07396	1.3042	148.53	5.8106	180.44
#3	-.00376	1706.8	1.7927	.07271	1.3153	144.91	5.7493	176.13
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59509	-.02348	7.4306	1.0129	1.9472	32.642	.15258	.19668
Stddev	.00134	.00055	.1050	.0034	.0009	.418	.00057	.01471
%RSD	.22466	2.3210	1.4124	.33522	.04664	1.2816	.37674	7.4814
#1	.59650	-.02347	7.3955	1.0154	1.9474	32.526	.15259	.20960
#2	.59491	-.02403	7.5486	1.0144	1.9462	33.106	.15201	.18066
#3	.59384	-.02294	7.3477	1.0090	1.9480	32.294	.15316	.19976
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 56.414	.43192	.02551	8.1592	.21743	5.759	.87341	6.3971
Stddev	.073	.00524	.00083	.0279	.00178	.009	.00499	.0740
%RSD	.12879	1.2131	3.2504	.34142	.81747	.1520	.57177	1.1566
#1	56.485	.42635	.02536	8.1275	.21808	5.751	.86806	6.4669
#2	56.340	.43266	.02640	8.1799	.21542	5.769	.87422	6.4048
#3	56.417	.43675	.02476	8.1701	.21879	5.758	.87795	6.3195

Sample Name: K3184-01 Acquired: 6/5/2019 18:21:31 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONTINGENCY- Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 153.20
Stddev .77
%RSD .50365

#1 152.44
#2 153.17
#3 153.98

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3349.9	42538.	4318.7	52.864	3055.7
Stddev	13.1	333.	24.8	1.087	3.1
%RSD	.39017	.78181	.57431	2.0566	.10305

#1	3353.9	42499.	4331.2	53.472	3059.2
#2	3360.6	42226.	4334.7	53.511	3054.7
#3	3335.3	42888.	4290.1	51.609	3053.2

Sample Name: CCV06 Acquired: 6/5/2019 18:26:07 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0462	5.1358	4.9898	5.0909	5.0139	9.4202	9.6998	.25526
Stddev	.0097	.0086	.0120	.0023	.0051	.0535	.0086	.00048
%RSD	.19229	.16644	.23986	.04580	.10175	.56837	.08861	.18819
#1	5.0440	5.1351	4.9931	5.0928	5.0185	9.3808	9.7045	.25523
#2	5.0569	5.1277	4.9766	5.0883	5.0148	9.4812	9.7050	.25575
#3	5.0378	5.1447	4.9999	5.0916	5.0084	9.3986	9.6899	.25479
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5017	24.928	1.0100	2.5259	1.2534	4.9950	2.5359	24.558
Stddev	.0014	.157	.0024	.0039	.0009	.0097	.0035	.129
%RSD	.05391	.62906	.23474	.15283	.07087	.19332	.13922	.52668
#1	2.5029	24.771	1.0122	2.5292	1.2536	5.0010	2.5399	24.622
#2	2.5002	25.084	1.0102	2.5217	1.2524	5.0002	2.5345	24.644
#3	2.5020	24.929	1.0075	2.5268	1.2541	4.9839	2.5333	24.410
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4869	1.2804	23.929	2.5549	2.5398	23.914	5.0419	4.7158
Stddev	.0056	.0032	.035	.0055	.0028	.127	.0076	.0291
%RSD	.22709	.25357	.14793	.21429	.10916	.52967	.15098	.61706
#1	2.4915	1.2841	23.944	2.5598	2.5429	23.849	5.0359	4.7413
#2	2.4806	1.2792	23.955	2.5560	2.5384	24.060	5.0504	4.7221
#3	2.4886	1.2779	23.889	2.5490	2.5379	23.834	5.0393	4.6841
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0926	5.1793	5.0031	4.9805	4.6421	5.224	4.9591	F 5.7328
Stddev	.0181	.0370	.0174	.0396	.0336	.012	.0297	.0303
%RSD	.35533	.71420	.34868	.79435	.72390	.2329	.59803	.52865
#1	5.1089	5.1368	5.0135	4.9488	4.6137	5.236	4.9262	5.7182
#2	5.0959	5.2043	4.9829	5.0248	4.6792	5.224	4.9837	5.7125
#3	5.0731	5.1969	5.0128	4.9680	4.6333	5.212	4.9675	5.7676

Sample Name: CCV06 Acquired: 6/5/2019 18:26:07 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7576
Stddev	1.0613
%RSD	38.485

#1	2.7089
#2	1.7216
#3	3.8424

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3692.9	46869.	4264.7	60.153	3848.7
Stddev	4.6	284.	24.3	.514	8.6
%RSD	.12452	.60624	.57029	.85527	.22432

#1	3688.0	46637.	4277.2	60.746	3838.8
#2	3693.6	46783.	4236.7	59.819	3854.7
#3	3697.1	47186.	4280.3	59.895	3852.6

Sample Name: CCB06 Acquired: 6/5/2019 18:30:06 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00153	-.00019	.00165	.00013	-.00191	-.01983	.00094
Stddev	.00181	.00074	.00067	.00082	.00094	.01207	.00055
%RSD	118.37	401.71	40.617	627.06	49.195	60.873	58.179

#1	-.00269	.00031	.00243	-.00072	-.00279	-.03332	.00101
#2	-.00244	-.00104	.00129	.00091	-.00092	-.01611	.00145
#3	.00056	.00017	.00124	.00021	-.00204	-.01005	.00036

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00012	.00831	.00027	.00004	-.00054	.00064
Stddev	.00006	.00002	.00572	.00054	.00014	.00023	.00053
%RSD	45.716	14.774	68.872	200.13	364.29	42.745	82.458

#1	.00019	.00012	.01457	.00069	.00009	-.00034	.00057
#2	.00008	.00014	.00703	.00045	.00015	-.00050	.00015
#3	.00010	.00011	.00333	-.00034	-.00012	-.00079	.00121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.01597	.00026	.00093	.04797	.00005	.00032
Stddev	.00001	.08606	.00028	.00031	.00542	.00049	.00004
%RSD	7.4750	538.86	110.57	33.424	11.298	898.90	12.320

#1	.00010	.07351	.00009	.00084	.04978	.00030	.00037
#2	.00011	-.02328	.00009	.00128	.04188	.00037	.00030
#3	.00010	-.09814	.00058	.00068	.05225	-.00051	.00030

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16481	.00016	-.00286	F .00788	-.00415	.00097	.00314
Stddev	.03101	.00025	.00453	.00159	.00134	.00070	.00132
%RSD	18.817	155.95	158.44	20.215	32.183	71.641	42.115

#1	.12917	.00021	.00016	.00604	-.00459	.00057	.00201
#2	.17963	.00038	-.00067	.00885	-.00265	.00057	.00460
#3	.18563	-.00011	-.00807	.00876	-.00521	.00178	.00282

Sample Name: CCB06 Acquired: 6/5/2019 18:30:06 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00760	-0.0019	-0.00001	F 4.3152	F<.00000
Stddev	.00238	.0007	.00015	.1407	1.0686
%RSD	31.265	37.29	1217.2	3.2596	96.457

#1	-0.00852	-0.0022	.00012	4.1996	-1.4051
#2	-0.00491	-0.0023	-0.00018	4.2743	.07791
#3	-0.00939	-0.0011	.00003	4.4718	-1.9963

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3876.9	49346.	4342.4	62.954	4356.9
Stddev	1.6	61.	33.9	1.346	6.2
%RSD	.04055	.12387	.78061	2.1386	.14269

#1	3878.6	49280.	4303.8	61.414	4351.3
#2	3875.6	49401.	4367.0	63.907	4363.6
#3	3876.6	49358.	4356.5	63.541	4355.8

Sample Name: K3184-03 Acquired: 6/5/2019 18:34:35 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FOOTING-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02973	-.02988	.05777	.01469	-.00106	155.18	1.2486	.02303
Stddev	.00113	.00386	.00035	.00179	.00119	2.00	.0164	.00017
%RSD	3.8167	12.935	.60029	12.178	111.65	1.2905	1.3160	.74050
#1	.02895	-.02563	.05738	.01275	-.00148	153.56	1.2365	.02293
#2	.03103	-.03319	.05788	.01504	.00028	154.57	1.2420	.02323
#3	.02920	-.03081	.05805	.01627	-.00199	157.42	1.2673	.02293
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	1335.6	.17288	.01947	.10059	74.680	6.3275	155.54
Stddev	.00018	12.9	.00175	.00039	.00026	.757	.0205	1.98
%RSD	35.825	.96842	1.0118	2.0083	.25888	1.0136	.32461	1.2719
#1	-.00052	1348.2	.17289	.01976	.10059	74.123	6.3066	153.56
#2	-.00067	1336.2	.17112	.01903	.10086	74.374	6.3284	155.54
#3	-.00032	1322.3	.17462	.01963	.10034	75.542	6.3476	157.52
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07100	-.01286	5.9958	.17709	3.5529	9.2102	.00581	.23545
Stddev	.00112	.00010	.0697	.00091	.0067	.1446	.00016	.01193
%RSD	1.5815	.77599	1.1626	.51478	.18867	1.5702	2.7879	5.0652
#1	.07133	-.01274	5.9388	.17617	3.5606	9.0951	.00591	.24091
#2	.07192	-.01289	5.9751	.17712	3.5480	9.1629	.00590	.22177
#3	.06975	-.01293	6.0735	.17799	3.5501	9.3725	.00562	.24366
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 60.055	.54483	-.01136	5.1231	.17054	1.572	2.6735	4.4119
Stddev	.127	.01167	.00201	.0240	.00185	.009	.0012	.1397
%RSD	.21091	2.1428	17.722	.46919	1.0864	.5575	.04401	3.1672
#1	60.196	.54666	-.01277	5.0959	.16908	1.583	2.6745	4.3973
#2	60.020	.55548	-.00906	5.1415	.16992	1.568	2.6738	4.2801
#3	59.950	.53235	-.01225	5.1320	.17263	1.567	2.6722	4.5584

Sample Name: K3184-03 Acquired: 6/5/2019 18:34:35 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FOOTING-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	82.195
Stddev	1.514
%RSD	1.8424

#1	83.925
#2	81.551
#3	81.109

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3790.1	47891.	4849.6	52.833	3129.2
Stddev	8.7	181.	43.6	.588	2.8
%RSD	.22971	.37811	.89967	1.1126	.09001

#1	3787.8	47963.	4814.7	52.155	3127.2
#2	3799.7	48025.	4835.6	53.165	3128.0
#3	3782.7	47685.	4898.5	53.181	3132.4

Sample Name: K3184-05 Acquired: 6/5/2019 18:39:19 Type: Unk

Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: JERSEY-BARRI Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10129	-.02368	.11201	.00629	.00122	149.99	1.0957	.01984
Stddev	.00024	.00118	.00110	.00293	.00313	.56	.0044	.00023
%RSD	.23510	4.9624	.98538	46.606	257.36	.37576	.40383	1.1534
#1	.10102	-.02409	.11255	.00635	.00029	149.47	1.0935	.01962
#2	.10148	-.02460	.11273	.00333	-.00135	149.91	1.0928	.01983
#3	.10136	-.02236	.11074	.00919	.00471	150.59	1.1008	.02008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00436	1298.7	.38507	.13213	.93685	175.13	5.1073	130.53
Stddev	.00002	5.2	.00062	.00042	.00137	.27	.0237	.25
%RSD	.49214	.39874	.15985	.31994	.14614	.15147	.46465	.18886
#1	-.00434	1292.8	.38444	.13193	.93624	174.99	5.1309	130.25
#2	-.00437	1301.2	.38511	.13261	.93842	174.96	5.1075	130.72
#3	-.00437	1302.2	.38566	.13183	.93590	175.44	5.0834	130.63
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30717	-.02652	6.1455	.37893	1.5882	21.480	.01564	.34565
Stddev	.00039	.00088	.0291	.00390	.0084	.070	.00039	.00656
%RSD	.12820	3.3039	.47439	1.0303	.52793	.32808	2.4694	1.8965
#1	.30760	-.02733	6.1173	.38341	1.5963	21.399	.01572	.34847
#2	.30682	-.02559	6.1438	.37623	1.5796	21.513	.01598	.35033
#3	.30709	-.02664	6.1755	.37715	1.5887	21.528	.01522	.33816
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 40.082	.61005	.00725	5.5717	.22768	F 12.23	2.0522	4.2546
Stddev	.313	.00230	.00173	.0552	.00052	.02	.0106	.0974
%RSD	.77985	.37702	23.929	.99147	.22976	.1380	.51833	2.2905
#1	40.306	.61239	.00724	5.5170	.22791	12.25	2.0470	4.2913
#2	39.725	.60779	.00552	5.5707	.22709	12.23	2.0451	4.1441
#3	40.214	.60997	.00899	5.6274	.22806	12.22	2.0644	4.3283

Sample Name: K3184-05 Acquired: 6/5/2019 18:39:19 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: JERSEY-BARRI Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 243.32
 Stddev .90
 %RSD .37064

#1 242.68
 #2 242.92
 #3 244.35

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3847.4	48958.	4911.7	52.789	3112.0
Stddev	3.9	95.	4.2	.431	18.2
%RSD	.10133	.19326	.08572	.81666	.58617

#1	3844.0	48931.	4916.5	53.004	3092.7
#2	3846.6	48880.	4909.1	53.070	3129.0
#3	3851.7	49064.	4909.4	52.292	3114.1

Sample Name: K3186-01 Acquired: 6/5/2019 18:43:55 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-EF-01-011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05005	-.00216	.26530	.00948	-.00165	94.742	.79309	.01353
Stddev	.00133	.00155	.00157	.00325	.00071	.612	.00237	.00014
%RSD	2.6657	71.621	.59342	34.263	42.805	.64633	.29860	1.0570
#1	.05111	-.00389	.26645	.00592	-.00219	94.152	.79086	.01356
#2	.04855	-.00167	.26594	.01022	-.00192	94.701	.79282	.01365
#3	.05048	-.00092	.26350	.01229	-.00085	95.374	.79558	.01337
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00747	44.814	.21363	.14406	.40027	179.19	3.9781	74.878
Stddev	.00002	.040	.00034	.00009	.00058	.47	.0034	.491
%RSD	.31614	.08997	.16128	.06015	.14462	.26303	.08675	.65639
#1	-.00745	44.787	.21324	.14406	.40051	178.84	3.9818	74.510
#2	-.00750	44.860	.21375	.14397	.39960	179.00	3.9749	74.688
#3	-.00747	44.794	.21390	.14415	.40068	179.72	3.9775	75.437
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3197	-.01734	.91795	.25935	.84649	9.8317	.00042	.15714
Stddev	.0017	.00043	.00359	.00046	.00153	.0632	.00017	.00096
%RSD	.12845	2.4982	.39153	.17916	.18052	.64325	40.417	.61236
#1	1.3214	-.01692	.91526	.25900	.84659	9.7587	.00038	.15655
#2	1.3197	-.01778	.91655	.25916	.84491	9.8694	.00027	.15663
#3	1.3180	-.01733	.92203	.25988	.84796	9.8671	.00060	.15825
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7700	3.4376	.02959	1.5426	.15293	4.275	-.10655	3.2417
Stddev	.0058	.0413	.00017	.0072	.00234	.006	.00031	.0589
%RSD	.32727	1.2017	.57669	.46775	1.5288	.1371	.29406	1.8157
#1	1.7636	3.4768	.02978	1.5343	.15076	4.281	-.10666	3.2987
#2	1.7748	3.4415	.02949	1.5459	.15262	4.274	-.10620	3.1811
#3	1.7716	3.3944	.02948	1.5475	.15540	4.270	-.10680	3.2454

Sample Name: K3186-01 Acquired: 6/5/2019 18:43:55 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-EF-01-011 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 268.68
Stddev	2.35
%RSD	.87314

#1	267.53
#2	271.38
#3	267.13

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4205.3	53559.	4953.1	59.624	3866.3
Stddev	5.7	53.	36.3	2.230	5.2
%RSD	.13599	.09962	.73368	3.7397	.13534

#1	4199.0	53497.	4927.5	59.380	3861.2
#2	4206.8	53593.	4937.1	57.525	3871.7
#3	4210.2	53585.	4994.7	61.965	3865.9

Sample Name: K3165-05 Acquired: 6/5/2019 18:48:21 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00201	-.00510	.07732	.01228	.06187	12.364	.88411	.00277
Stddev	.00171	.00245	.00200	.00288	.00211	.145	.00302	.00010
%RSD	84.843	48.109	2.5897	23.432	3.4164	1.1722	.34201	3.7767
#1	.00039	-.00284	.07501	.01413	.05945	12.197	.88071	.00289
#2	.00379	-.00476	.07832	.01375	.06334	12.454	.88514	.00274
#3	.00186	-.00771	.07861	.00897	.06282	12.440	.88648	.00269
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00240	379.61	.00728	.01396	.08598	76.587	2.8775	65.024
Stddev	.00013	2.24	.00041	.00021	.00038	.491	.0038	1.108
%RSD	5.2429	.59035	5.5926	1.4968	.44524	.64110	.13346	1.7036
#1	-.00234	379.85	.00739	.01374	.08583	76.115	2.8784	63.958
#2	-.00231	377.26	.00683	.01398	.08570	77.095	2.8809	66.169
#3	-.00255	381.72	.00762	.01415	.08642	76.550	2.8734	64.944
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01641	-.00714	F 2370.8	.02755	3.4341	66.860	.09463	.45526
Stddev	.00061	.00053	70.9	.00035	.0076	.869	.00034	.01890
%RSD	3.7317	7.4101	2.9921	1.2570	.22279	1.2993	.35505	4.1513
#1	.01634	-.00764	2438.0	.02790	3.4320	65.868	.09431	.43359
#2	.01706	-.00720	2377.6	.02720	3.4277	67.224	.09498	.46838
#3	.01584	-.00659	2296.6	.02755	3.4425	67.487	.09459	.46379
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 74.486	F 25.309	-.01722	.48442	.16970	.9427	4.7200	8.5133
Stddev	.205	.245	.00052	.00672	.02944	.0054	.0422	.0392
%RSD	.27539	.96830	3.0009	1.3875	17.351	.5748	.89318	.46068
#1	74.566	25.447	-.01711	.48322	.13927	.9425	4.7374	8.4746
#2	74.253	25.026	-.01778	.47839	.17177	.9482	4.6719	8.5530
#3	74.639	25.453	-.01676	.49167	.19805	.9374	4.7506	8.5124

Sample Name: K3165-05 Acquired: 6/5/2019 18:48:21 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	53.770
Stddev	.677
%RSD	1.2599

#1	53.857
#2	54.400
#3	53.054

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3039.2	37094.	3927.8	51.771	2856.8
Stddev	2.6	173.	41.1	.550	2.8
%RSD	.08416	.46714	1.0455	1.0615	.09845

#1	3040.3	36972.	3884.0	51.932	2858.2
#2	3040.9	37017.	3965.3	52.222	2858.7
#3	3036.2	37293.	3934.2	51.159	2853.6

Sample Name: K3165-05DUP Acquired: 6/5/2019 18:52:56 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00730	-.00460	.07701	.01704	.06081	12.293	.88766	.00257
Stddev	.00430	.00161	.00067	.00376	.00153	.073	.00572	.00013
%RSD	58.882	34.971	.87145	22.087	2.5151	.59350	.64472	5.0394
#1	.00240	-.00434	.07660	.01369	.05951	12.220	.88256	.00242
#2	.01042	-.00632	.07665	.02111	.06249	12.292	.88657	.00262
#3	.00907	-.00314	.07778	.01631	.06041	12.366	.89385	.00266
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00258	377.02	.00680	.01379	.08422	76.361	2.8713	64.571
Stddev	.00010	3.89	.00009	.00032	.00042	.119	.0062	.330
%RSD	3.9368	1.0326	1.2986	2.3124	.50330	.15569	.21479	.51115
#1	-.00261	372.58	.00674	.01413	.08453	76.227	2.8706	64.286
#2	-.00247	378.68	.00690	.01373	.08440	76.402	2.8655	64.494
#3	-.00267	379.82	.00676	.01350	.08374	76.454	2.8778	64.933
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01641	-.00716	F 2107.5	.02665	3.4151	66.668	.09434	.44933
Stddev	.00077	.00002	51.1	.00024	.0033	.637	.00036	.03052
%RSD	4.6680	.28687	2.4233	.88549	.09576	.95497	.38255	6.7922
#1	.01615	-.00718	2155.7	.02637	3.4132	65.996	.09473	.48210
#2	.01727	-.00715	2112.6	.02681	3.4189	66.747	.09403	.44417
#3	.01580	-.00715	2054.0	.02676	3.4133	67.262	.09424	.42171
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 73.681	F 25.022	-.01700	.48306	.16006	.9338	4.7071	8.4844
Stddev	.225	.184	.00106	.00221	.01449	.0065	.0373	.1141
%RSD	.30587	.73703	6.2392	.45784	9.0514	.6997	.79221	1.3444
#1	73.922	24.850	-.01611	.48053	.14358	.9413	4.6643	8.6161
#2	73.648	25.217	-.01672	.48465	.16578	.9297	4.7326	8.4180
#3	73.475	24.999	-.01818	.48400	.17081	.9303	4.7244	8.4190

Sample Name: K3165-05DUP Acquired: 6/5/2019 18:52:56 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 54.360
Stddev 1.259
%RSD 2.3169

#1 52.906
#2 55.069
#3 55.105

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3051.2	37397.	3988.3	53.567	2869.7
Stddev	7.0	68.	18.7	.540	5.5
%RSD	.23005	.18297	.46838	1.0076	.19147

#1	3044.0	37334.	3999.4	53.120	2865.9
#2	3051.4	37388.	3966.7	53.415	2867.3
#3	3058.1	37469.	3998.7	54.167	2876.0

Sample Name: K3165-05LX5 Acquired: 6/5/2019 18:57:30 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	-.00162	.01986	.00559	.01289	2.5506	.18342	.00075
Stddev	.00307	.00045	.00128	.00199	.00230	.0157	.00114	.00008
%RSD	366.58	27.525	6.4452	35.605	17.800	.61701	.62164	10.140
#1	-.00108	-.00197	.02075	.00784	.01327	2.5328	.18236	.00067
#2	.00438	-.00178	.02044	.00405	.01044	2.5566	.18463	.00075
#3	-.00078	-.00112	.01839	.00489	.01498	2.5626	.18329	.00082
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00093	86.158	.00194	.00303	.01919	18.015	.64615	13.932
Stddev	.00011	.143	.00055	.00015	.00042	.040	.00070	.021
%RSD	11.667	.16544	28.581	4.9432	2.1950	.22381	.10842	.15399
#1	-.00092	86.012	.00233	.00311	.01933	18.061	.64694	13.911
#2	-.00104	86.166	.00218	.00313	.01952	17.983	.64592	13.929
#3	-.00083	86.297	.00131	.00286	.01872	18.003	.64560	13.954
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00222	-.00055	653.65	.00613	.67748	13.331	.02064	.10190
Stddev	.00025	.00033	3.04	.00019	.00753	.023	.00029	.00773
%RSD	11.214	59.520	.46447	3.1533	1.1107	.17194	1.4201	7.5832
#1	.00248	-.00020	651.34	.00610	.68451	13.306	.02097	.10821
#2	.00198	-.00085	652.53	.00634	.67841	13.336	.02054	.09328
#3	.00219	-.00059	657.09	.00595	.66954	13.351	.02042	.10419
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 14.682	5.8150	-.00144	.10935	.03670	.1816	1.0449	6.3096
Stddev	.111	.0303	.00082	.00252	.00041	.0024	.0037	.0588
%RSD	.75773	.52194	56.901	2.3043	1.1214	1.312	.35169	.93191
#1	14.781	5.8396	-.00050	.10886	.03624	.1831	1.0433	6.3213
#2	14.703	5.7811	-.00198	.10712	.03705	.1827	1.0423	6.2458
#3	14.561	5.8242	-.00183	.11208	.03680	.1788	1.0491	6.3617

Sample Name: K3165-05LX5 Acquired: 6/5/2019 18:57:30 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.2056
Stddev	.9493
%RSD	43.041

#1	1.6069
#2	3.3002
#3	1.7097

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3504.6	43199.	4261.3	61.344	3503.3
Stddev	15.5	19.	8.5	1.508	9.6
%RSD	.44356	.04473	.19860	2.4579	.27422

#1	3487.1	43210.	4263.3	59.958	3492.5
#2	3510.0	43211.	4268.6	62.950	3506.6
#3	3516.8	43177.	4252.0	61.124	3510.9

Sample Name: K3165-05MS Acquired: 6/5/2019 19:01:59 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.96319	2.1658	1.1999	2.4583	.98356	14.260	1.0654	.26762
Stddev	.00006	.0068	.0007	.0076	.00177	.119	.0039	.00092
%RSD	.00598	.31287	.05889	.31034	.18015	.83660	.36220	.34494
#1	.96317	2.1699	1.2006	2.4670	.98560	14.158	1.0609	.26734
#2	.96325	2.1695	1.1991	2.4526	.98244	14.391	1.0672	.26688
#3	.96314	2.1580	1.1999	2.4554	.98263	14.229	1.0680	.26866
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23326	354.21	.45723	.24936	.39695	73.618	2.8961	62.396
Stddev	.00031	.97	.00158	.00104	.00024	.316	.0065	.780
%RSD	.13146	.27485	.34562	.41518	.05955	.42930	.22523	1.2508
#1	.23360	353.11	.45687	.25003	.39712	73.957	2.8925	61.496
#2	.23299	354.56	.45586	.24989	.39706	73.331	2.8921	62.801
#3	.23319	354.97	.45896	.24817	.39668	73.567	2.9036	62.891
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59037	.09015	F 2054.5	.38179	3.4373	73.815	.52576	.77022
Stddev	.00142	.00034	53.6	.00067	.0106	.614	.00020	.03467
%RSD	.24128	.37491	2.6111	.17450	.30849	.83154	.03865	4.5007
#1	.58992	.08979	2115.8	.38171	3.4463	73.179	.52576	.75361
#2	.58923	.09045	2031.8	.38249	3.4399	73.863	.52556	.81006
#3	.59197	.09021	2016.0	.38116	3.4256	74.404	.52597	.74698
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 68.551	F 24.931	.79142	.65365	.37231	9.304	4.6089	8.4915
Stddev	.309	.041	.00237	.00374	.01540	.026	.0067	.0279
%RSD	.45040	.16509	.29983	.57191	4.1369	.2788	.14472	.32912
#1	68.774	24.978	.79020	.65207	.35486	9.328	4.6092	8.5088
#2	68.679	24.902	.79416	.65791	.37806	9.307	4.6154	8.5065
#3	68.198	24.912	.78990	.65095	.38402	9.277	4.6020	8.4593

Sample Name: K3165-05MS Acquired: 6/5/2019 19:01:59 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	57.162
Stddev	1.474
%RSD	2.5781

#1	55.490
#2	57.720
#3	58.274

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3118.3	38406.	4033.2	54.912	2934.6
Stddev	16.7	156.	24.4	2.098	16.6
%RSD	.53512	.40518	.60562	3.8201	.56455

#1	3103.8	38227.	4007.2	53.268	2920.1
#2	3114.7	38478.	4036.7	54.193	2930.9
#3	3136.6	38513.	4055.7	57.275	2952.6

Sample Name: K3165-05MSD Acquired: 6/5/2019 19:06:20 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98516	2.2057	1.2290	2.5137	1.0245	14.658	1.1030	.27457
Stddev	.00087	.0083	.0032	.0033	.0021	.123	.0097	.00016
%RSD	.08824	.37571	.25742	.13175	.20363	.84133	.87687	.05654
#1	.98438	2.1990	1.2264	2.5099	1.0241	14.518	1.0919	.27448
#2	.98610	2.2150	1.2280	2.5160	1.0268	14.705	1.1097	.27475
#3	.98500	2.2033	1.2325	2.5152	1.0226	14.750	1.1075	.27448
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23852	365.78	.46782	.25594	.40760	75.616	2.9830	64.497
Stddev	.00014	1.73	.00219	.00020	.00069	.443	.0021	.478
%RSD	.05885	.47291	.46754	.07777	.16915	.58544	.07018	.74072
#1	.23845	364.15	.46530	.25582	.40720	75.668	2.9827	64.022
#2	.23868	365.59	.46898	.25584	.40840	76.031	2.9852	64.493
#3	.23842	367.59	.46918	.25617	.40720	75.150	2.9811	64.977
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60411	.09129	F 1961.7	.39129	3.5239	76.964	.54637	.79008
Stddev	.00072	.00109	79.0	.00074	.0170	.835	.00113	.01322
%RSD	.11882	1.1971	4.0254	.18919	.48220	1.0845	.20672	1.6733
#1	.60339	.09226	2043.7	.39104	3.5435	76.023	.54758	.80268
#2	.60483	.09011	1955.1	.39212	3.5148	77.254	.54619	.79124
#3	.60410	.09150	1886.2	.39070	3.5133	77.614	.54535	.77632
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 70.370	F 25.241	.82188	.66888	.38623	9.524	4.7652	8.6574
Stddev	.322	.130	.00153	.00180	.01040	.017	.0144	.1009
%RSD	.45726	.51520	.18608	.26911	2.6933	.1764	.30281	1.1654
#1	70.726	25.381	.82363	.66829	.37492	9.537	4.7551	8.6228
#2	70.285	25.124	.82082	.66746	.38836	9.530	4.7588	8.7710
#3	70.100	25.217	.82118	.67091	.39540	9.505	4.7818	8.5783

Sample Name: K3165-05MSD Acquired: 6/5/2019 19:06:20 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	58.444
Stddev	.517
%RSD	.88420

#1	58.599
#2	57.868
#3	58.866

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3104.4	38035.	4012.8	55.093	2919.4
Stddev	22.8	85.	24.4	1.001	22.7
%RSD	.73550	.22464	.60758	1.8165	.77634

#1	3078.0	37962.	3984.7	54.142	2893.2
#2	3117.1	38013.	4027.2	56.137	2931.2
#3	3118.0	38129.	4026.7	54.999	2933.7

Sample Name: K3165-05A Acquired: 6/5/2019 19:10:41 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98012	2.2032	1.2264	2.5050	1.0098	14.652	1.0892	.27209
Stddev	.00276	.0085	.0021	.0013	.0018	.167	.0080	.00039
%RSD	.28171	.38512	.17222	.05111	.17722	1.1367	.73327	.14353
#1	.98308	2.1979	1.2271	2.5036	1.0109	14.460	1.0808	.27196
#2	.97761	2.1986	1.2240	2.5053	1.0109	14.741	1.0967	.27177
#3	.97966	2.2130	1.2280	2.5061	1.0078	14.755	1.0902	.27252
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23780	365.31	.46541	.25416	.40623	75.607	2.9553	63.832
Stddev	.00058	2.41	.00147	.00061	.00107	.360	.0049	1.049
%RSD	.24504	.66063	.31524	.24100	.26301	.47647	.16574	1.6426
#1	.23713	363.49	.46392	.25359	.40730	75.266	2.9572	62.630
#2	.23815	364.39	.46685	.25481	.40517	75.570	2.9497	64.308
#3	.23813	368.05	.46545	.25407	.40623	75.984	2.9589	64.558
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60330	.09016	F 1923.8	.38719	3.5166	75.900	.53978	.78448
Stddev	.00040	.00091	48.2	.00097	.0109	.767	.00106	.01011
%RSD	.06635	1.0099	2.5073	.25019	.30916	1.0099	.19713	1.2882
#1	.60365	.08965	1979.5	.38676	3.5167	75.021	.53953	.77738
#2	.60286	.08962	1896.2	.38651	3.5057	76.427	.54095	.79605
#3	.60338	.09121	1895.8	.38830	3.5275	76.253	.53887	.78001
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 70.169	F 25.957	.81414	.68468	.37326	9.491	4.7367	8.6103
Stddev	.197	.269	.00359	.01054	.01106	.019	.0247	.0245
%RSD	.28024	1.0371	.44069	1.5398	2.9618	.2025	.52191	.28397
#1	70.130	26.114	.81003	.68125	.36172	9.508	4.7254	8.5838
#2	69.995	25.646	.81569	.67627	.37431	9.495	4.7197	8.6319
#3	70.382	26.110	.81668	.69651	.38376	9.470	4.7651	8.6152

Sample Name: K3165-05A Acquired: 6/5/2019 19:10:41 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	58.462
Stddev	1.706
%RSD	2.9178

#1	59.949
#2	58.837
#3	56.600

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3088.6	37988.	3963.2	53.150	2902.5
Stddev	8.5	101.	38.8	.111	6.7
%RSD	.27545	.26705	.97897	.20816	.22942

#1	3079.1	37899.	3924.6	53.050	2896.3
#2	3095.6	37967.	4002.2	53.269	2909.5
#3	3091.0	38098.	3962.8	53.131	2901.7

Sample Name: K3165-06 Acquired: 6/5/2019 19:15:01 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07429	-.22592	.16078	.28217	.02719	6.8741	2.1367	.03461
Stddev	.00355	.00109	.00096	.00572	.00228	.0796	.0211	.00027
%RSD	4.7845	.48151	.59440	2.0288	8.3923	1.1580	.98802	.79380
#1	.07299	-.22486	.16188	.27616	.02726	6.9651	2.1611	.03481
#2	.07832	-.22703	.16012	.28756	.02943	6.8172	2.1240	.03430
#3	.07157	-.22588	.16035	.28279	.02487	6.8400	2.1251	.03473
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02678	174.29	.00745	.02080	1.5950	586.09	4.1635	16.618
Stddev	.00077	1.31	.00012	.00042	.0042	5.18	.0172	.178
%RSD	2.8605	.74915	1.6301	2.0394	.26273	.88385	.41360	1.0728
#1	-.02597	173.64	.00735	.02097	1.5998	582.57	4.1568	16.763
#2	-.02688	173.43	.00758	.02112	1.5930	583.67	4.1507	16.419
#3	-.02749	175.79	.00740	.02032	1.5922	592.04	4.1831	16.674
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02003	-.08506	335.56	.01586	4.6081	16.198	-.00286	7.3078
Stddev	.00039	.00094	.83	.00043	.0080	.139	.00061	.1394
%RSD	1.9502	1.1103	.24644	2.6912	.17295	.85875	21.420	1.9082
#1	-.01967	-.08589	334.76	.01551	4.6151	16.358	-.00218	7.1681
#2	-.02045	-.08525	335.51	.01633	4.6097	16.124	-.00338	7.3082
#3	-.01996	-.08403	336.41	.01573	4.5994	16.111	-.00303	7.4470
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 31.816	F 13.194	.22403	.31388	.05604	4.653	-.30763	8.0744
Stddev	.052	.148	.00161	.00320	.00175	.009	.00466	.0529
%RSD	.16299	1.1199	.71676	1.0183	3.1205	.2013	1.5155	.65545
#1	31.831	13.049	.22550	.31161	.05470	4.644	-.30328	8.1312
#2	31.858	13.189	.22428	.31251	.05539	4.662	-.30706	8.0265
#3	31.758	13.344	.22231	.31754	.05801	4.653	-.31255	8.0656

Sample Name: K3165-06 Acquired: 6/5/2019 19:15:01 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 715.84
Stddev 4.46
%RSD .62303

#1 712.80
#2 713.75
#3 720.96

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2564.7	34296.	3905.2	54.535	2983.1
Stddev	8.5	103.	30.1	.735	10.0
%RSD	.33311	.30070	.77092	1.3480	.33362

#1	2564.2	34181.	3935.0	55.195	2987.7
#2	2556.4	34328.	3905.8	54.668	2971.7
#3	2573.5	34380.	3874.8	53.743	2989.9

Sample Name: CCV07 Acquired: 6/5/2019 19:19:24 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0472	5.0898	4.9146	5.2861	4.9374	9.0870	9.4278	.25062
Stddev	.0186	.0136	.0101	.0360	.0117	.0322	.0821	.00067
%RSD	.36783	.26728	.20476	.68195	.23650	.35459	.87070	.26736
#1	5.0492	5.0742	4.9055	5.3136	4.9282	9.0686	9.3330	.25090
#2	5.0647	5.0955	4.9128	5.2994	4.9505	9.0681	9.4747	.24986
#3	5.0277	5.0995	4.9254	5.2453	4.9335	9.1242	9.4757	.25111
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4704	24.728	1.0083	2.5158	1.2488	4.9607	2.5190	23.892
Stddev	.0054	.201	.0021	.0054	.0013	.0036	.0029	.079
%RSD	.21763	.81271	.20549	.21602	.10365	.07299	.11564	.33051
#1	2.4642	24.548	1.0076	2.5109	1.2489	4.9568	2.5193	23.804
#2	2.4737	24.689	1.0068	2.5217	1.2501	4.9614	2.5217	23.957
#3	2.4734	24.945	1.0107	2.5149	1.2475	4.9639	2.5159	23.915
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4698	1.2583	22.816	2.5347	2.4889	23.641	5.0036	4.5324
Stddev	.0034	.0015	.149	.0035	.0045	.046	.0085	.0332
%RSD	.13601	.12232	.65370	.13715	.18234	.19664	.16926	.73315
#1	2.4661	1.2567	22.643	2.5330	2.4839	23.628	4.9980	4.4953
#2	2.4707	1.2586	22.896	2.5386	2.4901	23.603	5.0134	4.5594
#3	2.4726	1.2597	22.907	2.5323	2.4927	23.693	4.9996	4.5425
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9270	5.1806	4.9538	4.9072	4.5838	5.164	4.8966	5.2404
Stddev	.0194	.0253	.0090	.0360	.0442	.006	.0562	.0173
%RSD	.39455	.48887	.18160	.73383	.96444	.1227	1.1476	.32915
#1	4.9221	5.1692	4.9441	4.8715	4.5388	5.158	4.8355	5.2205
#2	4.9104	5.1630	4.9553	4.9065	4.5853	5.171	4.9081	5.2487
#3	4.9484	5.2096	4.9619	4.9435	4.6272	5.163	4.9461	5.2518

Sample Name: CCV07 Acquired: 6/5/2019 19:19:24 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.4691
Stddev 2.3753
%RSD 53.148

#1 2.5192
#2 3.7737
#3 7.1145

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3765.3	48814.	4355.8	59.161	3961.9
Stddev	15.9	186.	29.2	.055	18.9
%RSD	.42272	.38056	.67025	.09241	.47647

#1	3783.2	49027.	4388.0	59.120	3983.7
#2	3752.6	48686.	4348.0	59.140	3952.4
#3	3760.1	48728.	4331.2	59.223	3949.8

Sample Name: CCB07 Acquired: 6/5/2019 19:23:24 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.00003	.00094	F .01789	-.00103	-.02190	.00143	.00008
Stddev	.00295	.00023	.00046	.00360	.00139	.00069	.00065	.00005
%RSD	5621.6	845.02	48.785	20.124	135.09	3.1295	45.258	59.049
#1	.00303	-.00029	.00062	.01764	-.00016	-.02191	.00216	.00012
#2	-.00284	.00007	.00074	.01442	-.00029	-.02258	.00118	.00003
#3	-.00035	.00014	.00147	.02160	-.00262	-.02121	.00094	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00037	.00006	.00029	-.00107	.00105	.00009	-.05337
Stddev	.00004	.00234	.00033	.00012	.00035	.00041	.00004	.01322
%RSD	22.370	625.84	587.03	40.383	32.286	39.234	44.798	24.766
#1	.00025	.00231	-.00031	.00041	-.00136	.00094	.00014	-.03843
#2	.00017	-.00199	.00014	.00018	-.00116	.00071	.00006	-.06354
#3	.00018	-.00144	.00033	.00029	-.00069	.00151	.00008	-.05815
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.00077	F .62619	.00010	.00019	.30178	.00032	.01102
Stddev	.00050	.00021	.01215	.00033	.00007	.00656	.00028	.01726
%RSD	208.18	26.796	1.9405	317.33	37.940	2.1739	86.886	156.56
#1	.00055	.00065	.61218	.00041	.00023	.30550	.00057	.00281
#2	.00051	.00100	.63253	.00015	.00024	.29421	.00039	.03086
#3	-.00034	.00064	.63386	-.00025	.00011	.30564	.00002	-.00059
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01480	-.00189	.00044	.00140	-.00218	-.0014	-.00004	F 3.8578
Stddev	.00224	.00154	.00077	.00144	.00100	.0017	.00009	.1606
%RSD	15.151	81.128	174.29	102.51	45.890	122.0	240.71	4.1644
#1	.01663	-.00012	.00024	.00031	-.00321	.0000	.00001	3.6861
#2	.01546	-.00273	.00130	.00302	-.00122	-.0009	-.00015	3.8828
#3	.01230	-.00284	-.00020	.00087	-.00210	-.0033	.00002	4.0045

Sample Name: CCB07 Acquired: 6/5/2019 19:23:24 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .64705
Stddev .49482
%RSD 76.473

#1 .28780
#2 .44190
#3 1.2114

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3949.9	51072.	4403.6	61.938	4423.4
Stddev	3.6	197.	24.0	.821	7.8
%RSD	.09191	.38627	.54572	1.3260	.17532

#1	3951.0	50933.	4377.3	62.516	4424.5
#2	3945.8	50986.	4424.4	62.300	4415.2
#3	3952.8	51298.	4409.1	60.998	4430.6

Sample Name: K3165-08 Acquired: 6/5/2019 19:27:53 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07502	-.21221	.04698	.28393	.04201	2.4992	.29036	.01878
Stddev	.00243	.00198	.00209	.00880	.00137	.0296	.00374	.00027
%RSD	3.2385	.93334	4.4556	3.1007	3.2599	1.1860	1.2879	1.4437
#1	.07407	-.21313	.04514	.28932	.04151	2.4879	.28605	.01907
#2	.07778	-.21355	.04926	.27377	.04097	2.5329	.29265	.01854
#3	.07321	-.20993	.04654	.28870	.04356	2.4769	.29238	.01873
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01737	88.909	-.01938	.03653	.79838	404.92	2.4471	7.2545
Stddev	.00072	.819	.00087	.00024	.00683	4.01	.0103	.2400
%RSD	4.1608	.92101	4.5063	.66050	.85525	.98915	.41902	3.3089
#1	-.01804	89.595	-.02011	.03674	.79412	408.86	2.4550	7.0025
#2	-.01660	88.002	-.01841	.03626	.80625	400.86	2.4508	7.2806
#3	-.01746	89.129	-.01961	.03658	.79476	405.05	2.4355	7.4804
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11765	-.04778	1197.0	-.00189	3.2369	F 1906.7	.03965	F 11.159
Stddev	.00146	.00063	13.3	.00055	.0294	60.6	.00125	.198
%RSD	1.2450	1.3115	1.1108	29.385	.90822	3.1786	3.1450	1.7705
#1	.11596	-.04813	1212.1	-.00245	3.2372	1970.0	.03846	10.944
#2	.11860	-.04816	1191.4	-.00185	3.2661	1900.8	.04095	11.203
#3	.11839	-.04706	1187.3	-.00135	3.2073	1849.2	.03956	11.332
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.195	2.5101	.20217	.03655	.19555	F 589.3	-.31283	10.505
Stddev	.116	.0325	.00078	.00149	.00152	5.4	.00452	.109
%RSD	.60377	1.2965	.38627	4.0815	.77805	.9101	1.4436	1.0400
#1	19.159	2.5472	.20135	.03724	.19381	589.7	-.31726	10.531
#2	19.324	2.4964	.20225	.03483	.19618	594.5	-.30824	10.384
#3	19.101	2.4866	.20290	.03757	.19665	583.8	-.31299	10.598

Sample Name: K3165-08 Acquired: 6/5/2019 19:27:53 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 401.99
Stddev 1.67
%RSD .41661

#1 401.64
#2 403.82
#3 400.53

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2179.5	30005.	4034.8	53.942	2464.9
Stddev	8.0	106.	35.4	.701	8.5
%RSD	.36709	.35343	.87670	1.3001	.34413

#1	2184.5	30121.	3996.5	53.184	2469.5
#2	2170.3	29913.	4066.2	54.073	2455.1
#3	2183.8	29980.	4041.7	54.568	2470.1

Sample Name: K2638-03 Acquired: 6/5/2019 19:32:34 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 2019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00193	-.00509	.07489	.01861	-.00016	.13947	.11221
Stddev	.00268	.00206	.00088	.00140	.00112	.01465	.00068
%RSD	138.88	40.530	1.1788	7.5499	687.75	10.505	.60270

#1	.00082	-.00691	.07518	.02019	.00090	.15623	.11152
#2	-.00453	-.00285	.07390	.01811	-.00134	.13309	.11226
#3	-.00208	-.00551	.07560	.01752	-.00004	.12909	.11287

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	.00088	20.023	.00078	.00490	.01411	.15878
Stddev	.00008	.00004	.129	.00027	.00025	.00027	.00060
%RSD	34.007	4.2239	.64564	34.185	5.1422	1.9394	.37970

#1	.00023	.00086	19.879	.00109	.00489	.01385	.15882
#2	.00029	.00092	20.061	.00064	.00517	.01439	.15936
#3	.00014	.00086	20.129	.00062	.00466	.01410	.15815

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72302	.63422	.00436	.00060	279.52	-.00237	.08322
Stddev	.00060	.03633	.00038	.00072	8.35	.00055	.00028
%RSD	.08286	5.7276	8.6999	120.90	2.9883	23.159	.33957

#1	.72247	.65208	.00478	-.00021	270.65	-.00288	.08296
#2	.72293	.59242	.00403	.00120	280.66	-.00179	.08352
#3	.72366	.65815	.00427	.00080	287.24	-.00243	.08318

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.573	.00003	.04913	.22860	.56514	.00193	.00434
Stddev	1.279	.00025	.01103	.00419	.00870	.00048	.00219
%RSD	7.7147	853.10	22.453	1.8349	1.5392	24.674	50.524

#1	17.915	-.00026	.06122	.22788	.56601	.00231	.00497
#2	16.433	.00021	.03960	.23311	.57337	.00207	.00190
#3	15.370	.00014	.04658	.22481	.55604	.00140	.00615

Sample Name: K2638-03 Acquired: 6/5/2019 19:32:34 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 2019 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01663	.0149	.05990	5.9494	F<.00000
Stddev	.00031	.0002	.00027	.1108	.76141
%RSD	1.8463	1.621	.44917	1.8626	7.2025
#1	.01698	.0152	.05987	6.0365	-11.451
#2	.01651	.0148	.05964	5.8247	-10.123
#3	.01640	.0147	.06018	5.9870	-10.141
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3687.3	46640.	4312.8	58.492	3794.4
Stddev	9.3	193.	18.8	.282	8.9
%RSD	.25228	.41444	.43667	.48207	.23453
#1	3680.0	46795.	4306.7	58.817	3788.1
#2	3697.7	46702.	4297.8	58.351	3790.6
#3	3684.1	46424.	4333.9	58.309	3804.6

Sample Name: K2638-03DUP Acquired: 6/5/2019 19:37:07 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 2019DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00350	-.00419	.07593	.01009	-.00015	.14555	.11635
Stddev	.00103	.00060	.00101	.00172	.00044	.00569	.00247
%RSD	29.428	14.422	1.3330	17.085	293.56	3.9119	2.1251

#1	-.00460	-.00438	.07643	.00943	.00035	.13930	.11406
#2	-.00256	-.00468	.07477	.01205	-.00032	.14690	.11601
#3	-.00334	-.00352	.07660	.00879	-.00048	.15044	.11897

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.00084	20.093	.00088	.00484	.01421	.15409
Stddev	.00002	.00011	.121	.00022	.00030	.00012	.00065
%RSD	8.0473	12.604	.60359	25.179	6.2235	.84134	.42507

#1	.00020	.00082	19.964	.00069	.00515	.01428	.15453
#2	.00023	.00074	20.109	.00084	.00455	.01429	.15440
#3	.00022	.00095	20.205	.00112	.00482	.01407	.15334

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72559	.69994	.00438	.00108	315.17	-.00270	.08350
Stddev	.00129	.01997	.00032	.00006	2.59	.00018	.00025
%RSD	.17818	2.8535	7.3039	5.7745	.82089	6.4972	.29708

#1	.72631	.71447	.00473	.00114	313.49	-.00283	.08326
#2	.72410	.67717	.00429	.00102	313.87	-.00250	.08348
#3	.72636	.70819	.00411	.00107	318.15	-.00278	.08376

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0678	-.00027	.01744	.21772	.55038	.00093	.00512
Stddev	.2107	.00027	.00586	.00640	.00532	.00073	.00211
%RSD	3.4728	99.108	33.584	2.9403	.96701	78.611	41.272

#1	6.2702	-.00015	.02159	.21767	.55568	.00177	.00585
#2	6.0836	-.00058	.02000	.21134	.55042	.00047	.00274
#3	5.8497	-.00008	.01074	.22414	.54504	.00055	.00677

Sample Name: K2638-03DUP Acquired: 6/5/2019 19:37:07 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 2019DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00130	.0075	.06020	5.8927	F<.00000
Stddev	.00086	.0019	.00012	.0939	.85599
%RSD	66.233	25.51	.19465	1.5926	7.6534

#1	.00120	.0083	.06014	5.9549	-10.404
#2	.00049	.0053	.06011	5.9385	-12.100
#3	.00221	.0089	.06033	5.7848	-11.049

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3673.6	46616.	4431.6	61.423	3774.6
Stddev	9.0	58.	46.6	1.239	8.6
%RSD	.24615	.12447	1.0524	2.0174	.22755

#1	3677.4	46549.	4399.4	59.998	3782.6
#2	3663.2	46652.	4410.3	62.032	3765.5
#3	3680.1	46646.	4485.1	62.241	3775.7

Sample Name: K2638-03LX5 Acquired: 6/5/2019 19:41:40 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00450	-.00148	.01545	.00472	.00059	.00698	.02327
Stddev	.00274	.00041	.00090	.00095	.00050	.01309	.00044
%RSD	60.801	27.322	5.8260	20.101	84.218	187.54	1.8840

#1	-.00588	-.00181	.01642	.00542	.00115	.02202	.02279
#2	-.00135	-.00161	.01529	.00509	.00042	-.00183	.02337
#3	-.00628	-.00103	.01464	.00364	.00020	.00075	.02365

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.00023	4.1294	.00010	.00112	.00229	.03112
Stddev	.00005	.00003	.0401	.00030	.00005	.00015	.00063
%RSD	29.765	14.942	.96982	313.99	4.3486	6.4690	2.0333

#1	.00011	.00026	4.0871	.00031	.00117	.00218	.03126
#2	.00020	.00025	4.1344	.00023	.00112	.00224	.03043
#3	.00016	.00019	4.1668	-.00025	.00107	.00246	.03168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15042	.16503	.00057	.00074	63.931	-.00068	.01669
Stddev	.00038	.06426	.00010	.00037	.363	.00032	.00003
%RSD	.25180	38.937	18.448	49.826	.56747	47.199	.18843

#1	.15079	.18734	.00069	.00107	63.526	-.00075	.01672
#2	.15003	.21515	.00051	.00034	64.040	-.00096	.01666
#3	.15044	.09259	.00051	.00082	64.226	-.00033	.01670

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3191	-.00050	.01519	.04531	.11637	.00064	.00280
Stddev	.0766	.00049	.00591	.00203	.00146	.00084	.00184
%RSD	3.3011	97.601	38.911	4.4815	1.2533	131.57	65.969

#1	2.4017	-.00070	.01088	.04766	.11590	.00081	.00339
#2	2.3050	.00006	.02192	.04420	.11520	-.00027	.00073
#3	2.2506	-.00086	.01276	.04408	.11800	.00138	.00428

Sample Name: K2638-03LX5 Acquired: 6/5/2019 19:41:40 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00282	.0006	.01222	5.0192	F<.00000
Stddev	.00177	.0009	.00002	.0664	1.5521
%RSD	62.811	166.3	.19179	1.3222	37.908
#1	-.00122	.0006	.01224	4.9536	-5.5733
#2	-.00472	.0015	.01224	5.0863	-4.2317
#3	-.00251	-.0004	.01220	5.0175	-2.4782
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3834.1	49299.	4425.1	61.558	4109.2
Stddev	6.5	79.	33.1	.783	9.3
%RSD	.16835	.16043	.74896	1.2720	.22700
#1	3827.1	49218.	4395.7	60.672	4109.2
#2	3839.8	49303.	4461.0	61.845	4099.9
#3	3835.3	49376.	4418.5	62.157	4118.5

Sample Name: K2638-03MS Acquired: 6/5/2019 19:46:07 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 2019MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81968	2.0202	1.0874	2.1277	.80014	2.1042	.31729
Stddev	.00387	.0076	.0029	.0075	.00306	.0169	.00307
%RSD	.47251	.37567	.27028	.35217	.38189	.80283	.96790

#1	.81658	2.0182	1.0840	2.1212	.79815	2.0856	.31377
#2	.81842	2.0138	1.0891	2.1260	.79861	2.1185	.31943
#3	.82402	2.0286	1.0891	2.1359	.80365	2.1085	.31867

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20941	.20943	21.404	.42595	.21736	.32360	3.2571
Stddev	.00100	.00050	.082	.00070	.00056	.00092	.0165
%RSD	.47584	.23791	.38424	.16344	.25710	.28340	.50634

#1	.20826	.20965	21.374	.42531	.21687	.32293	3.2380
#2	.20988	.20979	21.497	.42669	.21723	.32323	3.2668
#3	.21008	.20886	21.340	.42585	.21797	.32465	3.2664

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92640	2.7002	.52529	.07650	315.04	.32958	.29640
Stddev	.00454	.0341	.00091	.00041	1.17	.00257	.00040
%RSD	.48979	1.2631	.17393	.53855	.37198	.78055	.13437

#1	.92137	2.6711	.52615	.07609	314.11	.32680	.29608
#2	.92764	2.7377	.52539	.07650	316.36	.33008	.29627
#3	.93019	2.6917	.52433	.07692	314.65	.33188	.29685

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.907	.42268	.30942	.20989	1.4676	.72836	.20840
Stddev	.091	.00088	.01042	.00309	.0078	.00278	.00265
%RSD	.70887	.20731	3.3685	1.4733	.53037	.38170	1.2739

#1	12.802	.42296	.30684	.20671	1.4764	.72520	.20596
#2	12.950	.42170	.30053	.21289	1.4649	.73045	.21123
#3	12.969	.42339	.32089	.21006	1.4615	.72942	.20801

Sample Name: K2638-03MS Acquired: 6/5/2019 19:46:07 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 2019MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19695	6.562	.25600	6.0836	F<.00000
Stddev	.00084	.006	.00077	.1789	.86419
%RSD	.42599	.0932	.30132	2.9398	31.816

#1	.19609	6.568	.25687	5.9568	-1.7295
#2	.19776	6.559	.25572	6.0060	-3.0806
#3	.19701	6.557	.25540	6.2882	-3.3385

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3644.0	46293.	4309.8	59.838	3752.6
Stddev	2.6	150.	25.0	.249	7.2
%RSD	.07003	.32369	.58046	.41589	.19190

#1	3644.3	46379.	4284.1	59.885	3748.3
#2	3646.4	46120.	4311.1	59.569	3748.5
#3	3641.3	46380.	4334.1	60.060	3760.9

Sample Name: K2638-03MSD Acquired: 6/5/2019 19:50:23 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 2019MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81303	2.0115	1.0862	2.1104	.79951	2.1026	.31814
Stddev	.00035	.0074	.0034	.0107	.00163	.0181	.00333
%RSD	.04281	.36769	.31188	.50826	.20344	.85905	1.0452

#1	.81322	2.0038	1.0829	2.1051	.79925	2.0823	.31440
#2	.81263	2.0185	1.0859	2.1033	.79803	2.1082	.31926
#3	.81325	2.0123	1.0897	2.1227	.80125	2.1171	.32077

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20996	.20908	21.636	.42539	.21700	.32223	3.2484
Stddev	.00047	.00039	.075	.00073	.00038	.00081	.0018
%RSD	.22175	.18548	.34559	.17078	.17457	.25185	.05522

#1	.21034	.20863	21.550	.42468	.21657	.32137	3.2484
#2	.20944	.20928	21.684	.42613	.21729	.32235	3.2502
#3	.21010	.20933	21.674	.42535	.21714	.32298	3.2466

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93304	2.7326	.52332	.07658	314.91	.32973	.29642
Stddev	.00121	.0622	.00197	.00044	1.78	.00103	.00082
%RSD	.13010	2.2750	.37703	.57442	.56644	.31376	.27785

#1	.93203	2.6611	.52106	.07624	313.73	.32920	.29547
#2	.93439	2.7626	.52467	.07643	314.04	.33092	.29685
#3	.93270	2.7740	.52424	.07708	316.96	.32906	.29693

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.642	.42135	.31434	.20498	1.4644	.72568	.21062
Stddev	.129	.00181	.00996	.00220	.0049	.00371	.00230
%RSD	1.0231	.42864	3.1689	1.0719	.33116	.51094	1.0920

#1	12.494	.42059	.30457	.20269	1.4670	.72148	.21051
#2	12.699	.42004	.32448	.20706	1.4588	.72707	.20838
#3	12.733	.42341	.31398	.20520	1.4674	.72849	.21297

Sample Name: K2638-03MSD Acquired: 6/5/2019 19:50:23 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 2019MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19510	6.524	.25670	6.2995	F<.00000
Stddev	.00173	.027	.00052	.1359	.81762
%RSD	.88822	.4128	.20338	2.1577	31.145

#1	.19499	6.493	.25625	6.3893	-3.1904
#2	.19342	6.539	.25727	6.3661	-1.6877
#3	.19688	6.541	.25657	6.1431	-2.9975

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3643.6	46228.	4307.9	60.264	3743.4
Stddev	3.4	52.	21.1	1.492	4.1
%RSD	.09203	.11169	.49066	2.4760	.11064

#1	3641.6	46222.	4283.6	60.973	3743.4
#2	3647.5	46283.	4318.6	61.270	3739.2
#3	3641.7	46180.	4321.6	58.550	3747.5

Sample Name: K2638-03A Acquired: 6/5/2019 19:54:39 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81513	2.0170	1.0857	2.1108	.79673	2.1136	.31796
Stddev	.00342	.0068	.0050	.0074	.00272	.0121	.00066
%RSD	.41964	.33724	.46346	.35270	.34131	.57258	.20802

#1	.81857	2.0212	1.0903	2.1187	.79913	2.1100	.31860
#2	.81173	2.0092	1.0803	2.1040	.79730	2.1270	.31800
#3	.81508	2.0206	1.0864	2.1096	.79378	2.1036	.31728

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21037	.20880	21.557	.42654	.21669	.32288	3.2652
Stddev	.00018	.00081	.050	.00112	.00109	.00112	.0101
%RSD	.08551	.38910	.23297	.26192	.50292	.34649	.31077

#1	.21020	.20942	21.500	.42574	.21761	.32411	3.2564
#2	.21056	.20788	21.579	.42782	.21548	.32194	3.2763
#3	.21033	.20911	21.593	.42607	.21696	.32258	3.2630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93020	2.7052	.52354	.07722	314.06	.33075	.29485
Stddev	.00070	.0502	.00247	.00058	.95	.00025	.00076
%RSD	.07547	1.8539	.47272	.74506	.30329	.07610	.25752

#1	.93081	2.6588	.52284	.07679	313.03	.33102	.29536
#2	.93036	2.7584	.52149	.07700	314.22	.33053	.29398
#3	.92943	2.6983	.52629	.07788	314.92	.33070	.29522

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.537	.42148	.31893	.20235	1.4724	.72529	.21130
Stddev	.128	.00100	.01099	.00293	.0181	.00531	.00209
%RSD	1.0232	.23798	3.4458	1.4473	1.2293	.73257	.98874

#1	12.420	.42262	.33016	.20402	1.4846	.72712	.21278
#2	12.674	.42108	.31842	.19897	1.4516	.71931	.20891
#3	12.517	.42074	.30820	.20406	1.4811	.72945	.21220

Sample Name: K2638-03A Acquired: 6/5/2019 19:54:39 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19744	6.526	.25675	6.1381	F<.00000
Stddev	.00117	.033	.00114	.0828	.78839
%RSD	.59357	.5046	.44476	1.3495	30.147
#1	.19645	6.535	.25708	6.1663	-3.5226
#2	.19874	6.490	.25769	6.2031	-2.0977
#3	.19714	6.554	.25548	6.0448	-2.2253
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3657.3	46258.	4306.7	61.089	3766.0
Stddev	20.5	123.	9.4	.514	16.4
%RSD	.56166	.26483	.21729	.84174	.43637
#1	3633.7	46264.	4296.2	61.175	3750.1
#2	3666.6	46132.	4309.9	60.537	3782.9
#3	3671.6	46377.	4314.0	61.554	3765.1

Sample Name: K2640-01 Acquired: 6/5/2019 19:58:55 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 21643 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00083	-.00464	.00446	.00835	.00204	.05448	.07114
Stddev	.00143	.00256	.00017	.00304	.00157	.01780	.00052
%RSD	172.39	55.272	3.9146	36.456	77.028	32.673	.72890

#1	-.00238	-.00422	.00430	.00659	.00263	.03637	.07073
#2	-.00055	-.00231	.00465	.01186	.00026	.07195	.07172
#3	.00044	-.00739	.00443	.00659	.00323	.05511	.07097

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	.00058	16.144	.00089	.00648	-.00051	.12147
Stddev	.00009	.00005	.093	.00037	.00030	.00043	.00041
%RSD	32.260	7.7722	.57487	41.558	4.6760	83.770	.33961

#1	.00018	.00062	16.040	.00082	.00643	-.00007	.12119
#2	.00035	.00053	16.219	.00129	.00680	-.00092	.12194
#3	.00026	.00060	16.172	.00056	.00620	-.00053	.12128

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63223	4.6172	.01152	.00077	291.76	-.00251	.80509
Stddev	.00118	.0525	.00017	.00031	2.92	.00020	.00090
%RSD	.18658	1.1364	1.4417	39.966	1.0021	7.7907	.11186

#1	.63116	4.5626	.01138	.00054	288.61	-.00233	.80453
#2	.63204	4.6673	.01170	.00113	292.27	-.00248	.80460
#3	.63350	4.6218	.01148	.00065	294.39	-.00272	.80613

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0657	.00237	.09883	7.1628	1.8829	-.00144	.00205
Stddev	.1109	.00018	.01396	.0094	.0078	.00064	.00125
%RSD	1.3745	7.5146	14.125	.13181	.41196	44.452	60.878

#1	7.9466	.00221	.11322	7.1701	1.8853	-.00110	.00065
#2	8.0846	.00256	.08534	7.1661	1.8742	-.00218	.00245
#3	8.1659	.00233	.09792	7.1521	1.8891	-.00104	.00305

Sample Name: K2640-01 Acquired: 6/5/2019 19:58:55 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 21643 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03006	.0646	.17618	5.9269	F<.00000
Stddev	.00332	.0003	.00086	.0925	1.6965
%RSD	11.053	.4409	.48837	1.5602	17.900

#1	.02626	.0646	.17519	6.0001	-9.0430
#2	.03243	.0649	.17669	5.9576	-11.349
#3	.03147	.0643	.17667	5.8230	-8.0410

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3690.5	46783.	4418.4	61.902	3833.3
Stddev	13.2	86.	15.4	1.784	4.9
%RSD	.35724	.18480	.34805	2.8817	.12774

#1	3692.6	46851.	4421.1	60.573	3836.0
#2	3702.6	46813.	4432.2	63.930	3827.7
#3	3676.5	46686.	4401.8	61.205	3836.3

Sample Name: K3149-01 Acquired: 6/5/2019 20:03:26 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FOAM-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00330	-.00363	.00274	.00698	-.00031	-.00492	.07892
Stddev	.00214	.00078	.00089	.00160	.00106	.00441	.00031
%RSD	64.963	21.554	32.465	22.982	341.77	89.784	.39850

#1	-.00364	-.00283	.00261	.00536	.00090	-.00484	.07924
#2	-.00524	-.00366	.00368	.00857	-.00103	-.00937	.07891
#3	-.00100	-.00439	.00192	.00703	-.00080	-.00054	.07861

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00003	.23310	.00125	.00002	-.00018	.00602
Stddev	.00006	.00011	.01592	.00023	.00002	.00024	.00044
%RSD	105.26	342.70	6.8292	18.043	129.08	134.81	7.2689

#1	.00000	-.00014	.25065	.00137	-.00001	-.00023	.00646
#2	.00005	.00006	.22907	.00099	.00003	-.00039	.00602
#3	.00013	-.00001	.21959	.00140	.00004	.00008	.00558

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00606	.08354	.00259	.00127	344.48	.00003	.12907
Stddev	.00011	.02923	.00013	.00022	4.25	.00047	.00076
%RSD	1.7592	34.984	5.1899	17.592	1.2324	1806.4	.59005

#1	.00612	.08232	.00271	.00151	339.71	.00055	.12822
#2	.00594	.05494	.00244	.00106	347.85	-.00035	.12969
#3	.00614	.11336	.00261	.00125	345.87	-.00012	.12930

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4018	.00000	.05319	8.0087	.03498	-.00196	.00247
Stddev	.0434	.00021	.01703	.0373	.00892	.00088	.00081
%RSD	3.0949	8712.0	32.027	.46521	25.494	44.811	32.968

#1	1.3530	-.00004	.05736	7.9711	.03552	-.00297	.00288
#2	1.4360	-.00018	.03445	8.0456	.02580	-.00138	.00301
#3	1.4164	.00023	.06775	8.0095	.04361	-.00153	.00153

Sample Name: K3149-01 Acquired: 6/5/2019 20:03:26 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FOAM-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00322	3.142	.00151	5.8108	F<.00000
Stddev	.00098	.015	.00004	.0884	1.4600
%RSD	30.384	.4845	2.3721	1.5215	15.104

#1	-0.00361	3.126	.00150	5.7102	-9.8025
#2	-0.00393	3.156	.00155	5.8765	-11.053
#3	-0.00210	3.144	.00147	5.8456	-8.1427

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3685.4	46450.	4399.8	60.974	3849.3
Stddev	15.6	63.	34.6	.760	14.2
%RSD	.42275	.13556	.78587	1.2469	.36883

#1	3703.1	46392.	4359.9	60.961	3863.8
#2	3673.9	46441.	4417.8	61.741	3835.5
#3	3679.1	46517.	4421.5	60.220	3848.6

Sample Name: K3150-04 Acquired: 6/5/2019 20:07:59 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: IRONBOUND-TP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00304	-.00359	.00955	.00641	.00112	.07149	.26726
Stddev	.00192	.00110	.00075	.00288	.00229	.00531	.00126
%RSD	63.189	30.765	7.8588	44.912	205.55	7.4308	.46962

#1	.00236	-.00326	.00912	.00948	-.00077	.07672	.26685
#2	.00155	-.00269	.00912	.00598	.00045	.06610	.26867
#3	.00521	-.00482	.01042	.00377	.00367	.07166	.26626

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.00036	27.515	.00094	.00082	.00924	.01622
Stddev	.00006	.00004	.057	.00037	.00038	.00028	.00081
%RSD	32.833	11.223	.20751	39.865	46.165	2.9915	5.0118

#1	.00023	.00031	27.458	.00096	.00080	.00905	.01530
#2	.00012	.00039	27.515	.00055	.00121	.00956	.01684
#3	.00017	.00037	27.573	.00130	.00045	.00911	.01652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28868	2.4811	.00212	.00127	365.66	-.00085	.06567
Stddev	.00099	.0836	.00021	.00042	2.69	.00013	.00036
%RSD	.34236	3.3689	9.7588	32.856	.73456	15.055	.55106

#1	.28755	2.3858	.00206	.00171	363.33	-.00092	.06585
#2	.28915	2.5422	.00194	.00121	368.60	-.00093	.06526
#3	.28935	2.5153	.00234	.00089	365.06	-.00070	.06592

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6813	-.00035	.02796	.16830	.57165	.00145	.00124
Stddev	.0358	.00019	.01279	.00476	.00318	.00034	.00079
%RSD	2.1268	55.223	45.738	2.8263	.55690	23.194	63.597

#1	1.6472	-.00024	.01705	.17105	.56921	.00157	.00086
#2	1.6781	-.00057	.04204	.17104	.57048	.00107	.00071
#3	1.7185	-.00024	.02480	.16280	.57525	.00171	.00214

Sample Name: K3150-04 Acquired: 6/5/2019 20:07:59 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: IRONBOUND-TP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00221	.0939	.11108	5.8620	F<.00000
Stddev	.00184	.0016	.00078	.0477	.47529
%RSD	83.119	1.725	.70147	.81418	4.1201

#1	.00016	.0946	.11018	5.8260	-12.055
#2	.00278	.0950	.11159	5.8438	-11.121
#3	.00370	.0920	.11147	5.9161	-11.432

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3634.7	45783.	4338.2	59.008	3730.9
Stddev	11.5	159.	13.5	1.890	8.5
%RSD	.31612	.34719	.31067	3.2031	.22791

#1	3646.5	45647.	4336.5	58.723	3724.3
#2	3623.5	45745.	4352.5	61.025	3728.0
#3	3634.2	45958.	4325.7	57.277	3740.5

Sample Name: CCV08 Acquired: 6/5/2019 20:12:33 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0692	5.1768	5.0204	5.1308	5.0402	9.3566	9.6532	.25722	2.5208
Stddev	.0201	.0009	.0082	.0027	.0059	.0725	.0176	.00040	.0018
%RSD	.39572	.01805	.16319	.05293	.11744	.77475	.18288	.15620	.06929
#1	5.0893	5.1768	5.0160	5.1328	5.0433	9.2730	9.6352	.25750	2.5193
#2	5.0691	5.1758	5.0299	5.1318	5.0439	9.3942	9.6538	.25741	2.5228
#3	5.0492	5.1777	5.0154	5.1277	5.0334	9.4025	9.6705	.25676	2.5204
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.933	1.0125	2.5507	1.2541	4.9796	2.5441	24.705	2.5130	1.2843
Stddev	.170	.0010	.0034	.0012	.0085	.0025	.171	.0058	.0026
%RSD	.68299	.09750	.13468	.09412	.17155	.09775	.69343	.23023	.20352
#1	24.758	1.0130	2.5513	1.2543	4.9851	2.5457	24.508	2.5071	1.2865
#2	24.942	1.0132	2.5539	1.2551	4.9839	2.5454	24.800	2.5135	1.2850
#3	25.098	1.0114	2.5471	1.2528	4.9697	2.5413	24.809	2.5186	1.2814
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.829	2.5708	2.5599	24.208	5.0607	4.6659	5.1017	5.2110	5.0491
Stddev	.018	.0009	.0007	.094	.0046	.0505	.0166	.0423	.0095
%RSD	.07649	.03500	.02579	.38870	.08989	1.0828	.32512	.81112	.18718
#1	23.831	2.5718	2.5606	24.111	5.0658	4.6117	5.1123	5.1979	5.0465
#2	23.809	2.5701	2.5599	24.299	5.0595	4.6744	5.0826	5.2583	5.0413
#3	23.845	2.5704	2.5592	24.215	5.0569	4.7117	5.1102	5.1769	5.0596
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	4.9926	4.6090	5.261	4.9559	5.2691	4.8150			
Stddev	.0314	.0252	.008	.0175	.0632	.6774			
%RSD	.62897	.54661	.1543	.35361	1.1993	14.070			
#1	4.9572	4.5834	5.270	4.9374	5.3042	4.8043			
#2	5.0170	4.6338	5.255	4.9722	5.1962	5.4977			
#3	5.0037	4.6098	5.258	4.9581	5.3069	4.1429			

Sample Name: CCV08 Acquired: 6/5/2019 20:12:33 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3806.4	48856.	4423.8	61.231	3950.9
Stddev	1.9	93.	13.8	.053	4.6
%RSD	.04969	.19016	.31192	.08717	.11592
#1	3805.5	48748.	4415.0	61.279	3954.5
#2	3808.6	48906.	4416.6	61.240	3952.4
#3	3805.1	48912.	4439.7	61.173	3945.8

Sample Name: CCB08 Acquired: 6/5/2019 20:16:32 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00159	-.00130	.00055	F .00707	-.00209	-.01486	.00077	.00014
Stddev	.00173	.00076	.00017	.00120	.00135	.00617	.00023	.00005
%RSD	109.33	58.249	31.342	16.984	64.947	41.537	29.308	34.231
#1	.00035	-.00112	.00066	.00601	-.00054	-.01125	.00070	.00014
#2	-.00211	-.00213	.00035	.00838	-.00268	-.01134	.00102	.00018
#3	-.00300	-.00065	.00065	.00684	-.00304	-.02198	.00058	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00561	.00028	-.00001	-.00103	-.00105	.00004	-.04672
Stddev	.00006	.00395	.00028	.00019	.00011	.00043	.00003	.04794
%RSD	50.600	70.351	100.54	2446.6	10.678	41.147	72.784	102.61
#1	.00008	-.00253	.00061	-.00001	-.00108	-.00069	.00002	-.10179
#2	.00019	-.00424	.00007	-.00020	-.00090	-.00153	.00003	-.01433
#3	.00009	-.01005	.00017	.00018	-.00110	-.00093	.00008	-.02404
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	.00009	.32300	.00013	.00013	.44872	.00026	.01106
Stddev	.00027	.00057	.00348	.00036	.00009	.03170	.00026	.00730
%RSD	46.064	619.87	1.0789	267.36	67.876	7.0636	100.09	66.007
#1	.00088	.00071	.32490	-.00010	.00022	.48478	.00044	.01770
#2	.00050	-.00001	.31898	-.00005	.00010	.43614	.00037	.01221
#3	.00037	-.00042	.32512	.00055	.00005	.42525	-.00004	.00325
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	-.00122	.00103	.00197	-.00476	-.0015	-.00006	F 3.9193
Stddev	.00185	.00193	.00063	.00126	.00108	.0017	.00008	.1812
%RSD	103.31	158.11	61.849	63.680	22.741	114.9	139.87	4.6230
#1	.00371	.00063	.00038	.00229	-.00536	-.0004	-.00015	3.8031
#2	.00002	-.00322	.00165	.00059	-.00540	-.0035	.00001	4.1281
#3	.00165	-.00107	.00105	.00305	-.00351	-.0007	-.00004	3.8267

Sample Name: CCB08 Acquired: 6/5/2019 20:16:32 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .94645
Stddev .45828
%RSD 48.421

#1 1.4565
#2 .81360
#3 .56928

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4016.6	51681.	4449.0	62.195	4482.3
Stddev	8.7	230.	76.2	2.198	8.2
%RSD	.21716	.44499	1.7129	3.5346	.18188

#1	4026.0	51485.	4362.3	61.089	4488.8
#2	4015.1	51624.	4505.4	60.770	4485.0
#3	4008.7	51934.	4479.3	64.727	4473.2

Sample Name: K3151-02 Acquired: 6/5/2019 20:21:01 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-060419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00130	-.00347	.00629	.00831	.00040	.16688	.10645
Stddev	.00333	.00066	.00112	.00347	.00162	.00444	.00010
%RSD	256.39	19.092	17.876	41.759	406.32	2.6578	.09326

#1	-.00158	-.00312	.00736	.01154	.00206	.16920	.10634
#2	-.00448	-.00423	.00640	.00873	.00031	.16967	.10654
#3	.00216	-.00305	.00512	.00465	-.00118	.16177	.10646

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00012	27.381	.00115	.00255	.00277	.26484
Stddev	.00004	.00011	.057	.00015	.00024	.00037	.00118
%RSD	20.138	93.181	.20800	12.796	9.2708	13.202	.44614

#1	.00022	.00017	27.316	.00099	.00279	.00318	.26403
#2	.00015	-.00001	27.424	.00118	.00232	.00249	.26429
#3	.00021	.00021	27.402	.00128	.00253	.00264	.26619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26275	6.2926	.00147	.00151	290.62	-.00053	.04631
Stddev	.00014	.0586	.00063	.00047	2.04	.00025	.00008
%RSD	.05376	.93063	43.127	31.288	.70064	46.888	.16771

#1	.26284	6.3432	.00090	.00100	288.76	-.00059	.04639
#2	.26282	6.3060	.00215	.00194	292.79	-.00075	.04627
#3	.26259	6.2284	.00135	.00159	290.32	-.00026	.04625

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0332	-.00009	.03506	.73078	1.4548	.00089	.00541
Stddev	.0613	.00018	.01659	.00425	.0093	.00066	.00159
%RSD	3.0132	192.01	47.317	.58091	.63874	74.293	29.437

#1	1.9640	.00004	.03051	.73568	1.4444	.00013	.00362
#2	2.0551	-.00030	.02122	.72810	1.4622	.00117	.00668
#3	2.0805	-.00003	.05344	.72857	1.4578	.00135	.00592

Sample Name: K3151-02 Acquired: 6/5/2019 20:21:01 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-06-060419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00203	.0205	.09775	5.7656	F<.00000
Stddev	.00171	.0013	.00036	.0617	1.0674
%RSD	84.190	6.383	.36548	1.0696	11.398

#1	-.00386	.0213	.09770	5.7984	-9.4357
#2	-.00178	.0211	.09743	5.8040	-10.394
#3	-.00046	.0190	.09814	5.6945	-8.2629

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3643.7	46047.	4321.9	60.283	3778.3
Stddev	11.9	91.	19.9	.616	25.1
%RSD	.32744	.19711	.46122	1.0212	.66448

#1	3630.1	46003.	4344.4	59.777	3751.8
#2	3649.1	45986.	4314.9	60.102	3781.3
#3	3652.1	46151.	4306.4	60.968	3801.7

Sample Name: K3151-04 Acquired: 6/5/2019 20:25:36 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-060419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	-.00399	.00737	.00672	-.00015	.15179	.12801
Stddev	.00127	.00084	.00019	.00508	.00076	.00990	.00083
%RSD	239.85	21.118	2.6041	75.567	519.18	6.5219	.64623

#1	.00092	-.00360	.00718	.00115	.00051	.15121	.12815
#2	-.00143	-.00496	.00736	.01111	.00003	.16197	.12876
#3	-.00107	-.00342	.00756	.00791	-.00098	.14219	.12712

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.00021	20.182	.00150	.00274	.00370	.28251
Stddev	.00009	.00014	.129	.00034	.00026	.00029	.00176
%RSD	48.824	66.089	.64046	22.746	9.4026	7.9567	.62162

#1	.00025	.00031	20.036	.00178	.00284	.00396	.28277
#2	.00008	.00005	20.283	.00112	.00294	.00375	.28413
#3	.00024	.00027	20.226	.00160	.00245	.00338	.28064

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24933	5.0033	.00249	.00077	270.81	-.00064	.05642
Stddev	.00051	.0822	.00065	.00024	1.69	.00033	.00027
%RSD	.20386	1.6431	26.149	31.413	.62411	52.145	.48072

#1	.24971	5.0133	.00221	.00050	268.85	-.00038	.05628
#2	.24875	5.0800	.00203	.00087	271.82	-.00051	.05674
#3	.24953	4.9165	.00324	.00096	271.74	-.00101	.05626

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9744	-.00026	.03195	.57238	1.1106	.00157	.00391
Stddev	.0467	.00023	.01850	.00551	.0019	.00024	.00163
%RSD	2.3636	86.969	57.898	.96225	.17251	15.431	41.806

#1	1.9207	-.00040	.05200	.56730	1.1084	.00171	.00459
#2	2.0050	.00000	.01554	.57823	1.1119	.00129	.00204
#3	1.9975	-.00038	.02831	.57162	1.1116	.00171	.00509

Sample Name: K3151-04 Acquired: 6/5/2019 20:25:36 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-060419 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	.0195	.08077	5.6387	F<.00000
Stddev	.00061	.0008	.00030	.2624	.95981
%RSD	263.51	3.862	.37312	4.6529	11.437

#1	-.00012	.0203	.08057	5.7690	-9.4814
#2	-.00088	.0188	.08112	5.3367	-7.6700
#3	.00031	.0194	.08062	5.8103	-8.0255

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3679.0	46486.	4367.7	61.320	3811.8
Stddev	14.2	147.	11.3	.066	15.4
%RSD	.38691	.31633	.25835	.10782	.40269

#1	3680.2	46345.	4354.7	61.257	3827.7
#2	3692.6	46474.	4375.3	61.389	3797.1
#3	3664.2	46639.	4373.0	61.314	3810.7

Sample Name: K3151-06 Acquired: 6/5/2019 20:30:09 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-060419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00154	-.00430	.01050	.00717	-.00121	.30215	.11640
Stddev	.00272	.00131	.00075	.00216	.00122	.01084	.00041
%RSD	175.86	30.369	7.1087	30.060	100.23	3.5867	.35232

#1	.00064	-.00499	.00988	.00518	-.00052	.31095	.11595
#2	-.00459	-.00280	.01133	.00687	-.00262	.30545	.11674
#3	-.00068	-.00512	.01029	.00946	-.00050	.29004	.11651

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	-.00002	13.825	.00114	.00203	.00535	3.5425
Stddev	.00009	.00008	.055	.00016	.00014	.00034	.0072
%RSD	28.591	341.80	.39643	14.022	7.0790	6.3090	.20373

#1	.00032	.00005	13.774	.00112	.00219	.00513	3.5358
#2	.00040	-.00011	13.883	.00131	.00191	.00518	3.5501
#3	.00022	-.00001	13.818	.00099	.00199	.00574	3.5416

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14289	2.4781	.00174	.00024	372.09	.00018	.06322
Stddev	.00093	.0181	.00047	.00012	1.82	.00022	.00038
%RSD	.64750	.72907	27.012	49.864	.48876	122.02	.60276

#1	.14201	2.4962	.00207	.00010	373.30	.00022	.06359
#2	.14282	2.4601	.00120	.00033	372.97	-.00006	.06325
#3	.14385	2.4779	.00194	.00028	370.00	.00037	.06283

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9641	-.00032	.03652	.35161	1.0275	.00092	.00893
Stddev	.0284	.00007	.00310	.00579	.0060	.00131	.00285
%RSD	1.4480	21.454	8.4791	1.6474	.58489	142.39	31.975

#1	1.9439	-.00024	.03300	.35602	1.0287	-.00038	.00967
#2	1.9519	-.00035	.03883	.35376	1.0209	.00089	.00577
#3	1.9967	-.00037	.03773	.34505	1.0328	.00225	.01133

Sample Name: K3151-06 Acquired: 6/5/2019 20:30:09 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-06-060419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00062	.0093	.05819	6.1253	F<.00000
Stddev	.00122	.0011	.00035	.0823	1.1736
%RSD	198.41	12.14	.60399	1.3438	14.216

#1	-.00078	.0105	.05779	6.0438	-8.5584
#2	.00152	.0093	.05843	6.2084	-6.9602
#3	.00110	.0082	.05836	6.1236	-9.2482

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3657.8	46047.	4397.5	60.051	3771.5
Stddev	8.0	146.	9.1	.633	15.9
%RSD	.22006	.31679	.20596	1.0546	.42231

#1	3656.0	45966.	4398.1	60.027	3757.2
#2	3666.6	45959.	4406.2	60.695	3768.6
#3	3650.9	46215.	4388.1	59.430	3788.6

Sample Name: K3163-02 Acquired: 6/5/2019 20:34:41 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-060419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00278	-.00337	.00564	.00521	.00013	.10434	.10766
Stddev	.00115	.00084	.00031	.00117	.00082	.00537	.00050
%RSD	41.452	24.890	5.5542	22.505	632.52	5.1487	.46554

#1	-.00159	-.00248	.00531	.00537	.00086	.10992	.10726
#2	-.00286	-.00346	.00566	.00397	.00029	.09921	.10749
#3	-.00389	-.00415	.00594	.00630	-.00076	.10388	.10822

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.00007	11.441	.00066	.01012	.00669	.15243
Stddev	.00004	.00011	.095	.00020	.00011	.00037	.00214
%RSD	20.909	157.04	.83076	30.985	1.1237	5.4769	1.4059

#1	.00026	-.00002	11.375	.00085	.01015	.00669	.15068
#2	.00020	.00019	11.398	.00069	.00999	.00632	.15180
#3	.00018	.00003	11.550	.00044	.01021	.00706	.15482

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80207	4.5470	.00235	.00094	363.43	-.00294	.01949
Stddev	.00131	.0110	.00033	.00030	4.50	.00039	.00023
%RSD	.16310	.24123	14.078	31.877	1.2369	13.282	1.1842

#1	.80056	4.5525	.00256	.00118	358.31	-.00282	.01924
#2	.80279	4.5541	.00251	.00104	366.76	-.00337	.01952
#3	.80285	4.5344	.00197	.00061	365.20	-.00262	.01970

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1876	-.00050	.02797	.31294	.48626	.00137	.00253
Stddev	.0481	.00029	.02216	.00192	.00322	.00011	.00097
%RSD	4.0468	57.558	79.210	.61228	.66259	8.1777	38.138

#1	1.1529	-.00064	.04856	.31404	.48406	.00124	.00311
#2	1.1674	-.00070	.00452	.31073	.48476	.00144	.00308
#3	1.2425	-.00017	.03083	.31405	.48995	.00142	.00142

Sample Name: K3163-02 Acquired: 6/5/2019 20:34:41 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-060419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.0001	.03032	5.9135	F<.00000
Stddev	.00092	.0005	.00005	.0794	.44507
%RSD	6056.3	557.0	.17262	1.3423	4.2358

#1	-.00045	.0005	.03037	5.9562	-10.063
#2	-.00064	-.0005	.03027	5.9624	-10.505
#3	.00104	.0003	.03034	5.8219	-10.953

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3648.5	46277.	4400.9	61.690	3746.9
Stddev	10.0	10.	15.2	1.462	3.3
%RSD	.27358	.02117	.34571	2.3693	.08843

#1	3657.1	46286.	4384.1	63.273	3750.7
#2	3650.9	46279.	4413.8	60.391	3744.8
#3	3637.6	46267.	4404.7	61.407	3745.1

Sample Name: K3163-04 Acquired: 6/5/2019 20:39:17 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-02-060419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00148	-.00451	.00511	.00434	.00006	.09367	.11699
Stddev	.00240	.00142	.00074	.00113	.00168	.00985	.00091
%RSD	162.34	31.602	14.509	25.969	2757.6	10.513	.77700

#1	-.00412	-.00309	.00504	.00448	.00014	.08870	.11598
#2	.00060	-.00594	.00589	.00539	.00170	.08729	.11725
#3	-.00093	-.00449	.00441	.00315	-.00166	.10501	.11775

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	.00008	14.112	.00039	.01117	.00694	.52749
Stddev	.00003	.00004	.048	.00007	.00014	.00031	.00083
%RSD	9.4696	52.836	.34131	17.349	1.2276	4.4229	.15721

#1	.00030	.00013	14.056	.00040	.01103	.00708	.52684
#2	.00025	.00008	14.139	.00032	.01131	.00658	.52842
#3	.00028	.00004	14.140	.00045	.01117	.00714	.52720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0219	4.4554	.00220	.00100	327.54	-.00416	.01995
Stddev	.0011	.0737	.00014	.00035	2.11	.00028	.00021
%RSD	.11081	1.6535	6.4319	35.067	.64360	6.8256	1.0542

#1	1.0232	4.4375	.00237	.00068	325.11	-.00445	.01998
#2	1.0210	4.3923	.00211	.00094	328.96	-.00389	.01973
#3	1.0215	4.5364	.00213	.00138	328.54	-.00415	.02014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0486	-.00058	.02343	.19606	.54913	.00072	.00257
Stddev	.0233	.00027	.01713	.00190	.00482	.00067	.00099
%RSD	2.2270	47.091	73.128	.96965	.87776	92.962	38.372

#1	1.0543	-.00031	.02039	.19397	.55182	.00144	.00367
#2	1.0686	-.00058	.04188	.19767	.55199	.00012	.00177
#3	1.0229	-.00086	.00802	.19656	.54356	.00060	.00228

Sample Name: K3163-04 Acquired: 6/5/2019 20:39:17 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-02-060419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.0005	.03733	5.7275	F<.00000
Stddev	.00051	.0013	.00036	.0270	1.2957
%RSD	723.21	270.8	.95378	.47146	11.855

#1	-.00065	.0009	.03709	5.7584	-9.6953
#2	.00030	-.0017	.03774	5.7088	-12.279
#3	.00014	-.0006	.03717	5.7152	-10.815

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3690.0	46531.	4386.3	60.970	3784.3
Stddev	15.4	126.	35.9	1.555	9.0
%RSD	.41690	.27021	.81897	2.5501	.23682

#1	3689.2	46403.	4357.5	61.209	3776.3
#2	3675.0	46654.	4375.0	62.391	3794.0
#3	3705.7	46537.	4426.6	59.309	3782.6

Sample Name: K3177-01 Acquired: 6/5/2019 20:43:52 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-CONCRETE- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	-.00383	.00739	.00545	-.00339	.07359	.08608
Stddev	.00162	.00086	.00096	.00101	.00167	.01224	.00133
%RSD	345.86	22.509	13.034	18.525	49.296	16.627	1.5442

#1	-.00139	-.00472	.00842	.00661	-.00153	.06195	.08550
#2	.00120	-.00300	.00724	.00502	-.00475	.07249	.08515
#3	.00159	-.00377	.00651	.00473	-.00389	.08635	.08761

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00005	175.11	.11013	.00012	.00038	.09078
Stddev	.00003	.00006	.95	.00039	.00015	.00024	.00081
%RSD	51.646	120.33	.54120	.35523	121.79	63.495	.88730

#1	.00008	-.00006	174.76	.10994	.00016	.00060	.09165
#2	.00004	-.00009	174.40	.10987	-.00004	.00012	.09064
#3	.00003	.00001	176.19	.11058	.00025	.00041	.09006

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	.13361	.00298	-.00014	327.01	.00303	.00471
Stddev	.00002	.04974	.00010	.00038	1.40	.00082	.00015
%RSD	3.1678	37.229	3.2186	273.56	.42872	27.047	3.2859

#1	.00066	.13626	.00307	-.00050	325.40	.00398	.00488
#2	.00070	.18198	.00300	-.00018	327.64	.00266	.00459
#3	.00068	.08260	.00288	.00026	327.98	.00247	.00465

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5444	.00547	.02096	5.7446	2.9461	.00011	-.00273
Stddev	.0309	.00021	.00567	.0249	.0320	.00013	.00078
%RSD	.87220	3.8322	27.075	.43308	1.0876	113.09	28.516

#1	3.5153	.00568	.02642	5.7694	2.9347	.00025	-.00205
#2	3.5769	.00526	.01509	5.7196	2.9214	.00000	-.00358
#3	3.5410	.00546	.02136	5.7448	2.9824	.00008	-.00257

Sample Name: K3177-01 Acquired: 6/5/2019 20:43:52 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-CONCRETE- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01189	-.0024	1.2475	6.0576	F<.00000
Stddev	.00127	.0016	.0032	.1987	.88646
%RSD	10.708	64.15	.25516	3.2808	7.4414

#1	.01224	-.0037	1.2447	6.0302	-12.499
#2	.01295	-.0007	1.2469	6.2686	-12.346
#3	.01048	-.0028	1.2510	5.8740	-10.893

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3590.1	45690.	4341.2	59.621	3707.0
Stddev	26.7	33.	15.8	1.882	13.2
%RSD	.74260	.07141	.36473	3.1559	.35616

#1	3562.0	45654.	4339.5	61.569	3692.1
#2	3593.3	45697.	4357.8	59.481	3711.6
#3	3615.0	45719.	4326.2	57.813	3717.3

Sample Name: K3177-02 Acquired: 6/5/2019 20:48:27 Type: Unk

Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: BW-CONCRETE- Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00509	.00768	.00681	-.00138	.14440	.27580
Stddev	.00311	.00187	.00074	.00204	.00212	.00502	.00044
%RSD	2819.6	36.719	9.6500	29.991	153.72	3.4784	.16112

#1	-.00348	-.00308	.00682	.00451	-.00223	.14072	.27620
#2	.00189	-.00678	.00813	.00752	-.00295	.14236	.27589
#3	.00192	-.00541	.00808	.00841	.00103	.15012	.27532

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00001	250.28	.04792	.00033	.00037	.00438
Stddev	.00011	.00007	1.06	.00036	.00011	.00048	.00049
%RSD	349.76	977.93	.42342	.74753	33.612	129.27	11.250

#1	-.00009	-.00008	249.05	.04751	.00029	.00076	.00484
#2	.00013	-.00001	250.91	.04810	.00046	-.00016	.00386
#3	.00005	.00006	250.86	.04815	.00025	.00051	.00444

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.02763	-.00255	-.00054	390.00	.00034	.01262
Stddev	.00003	.04947	.00021	.00035	4.41	.00005	.00009
%RSD	35.114	179.06	8.4101	65.136	1.1320	15.748	.69410

#1	.00005	.08344	-.00256	-.00028	385.40	.00034	.01266
#2	.00011	-.01080	-.00234	-.00041	390.42	.00040	.01252
#3	.00011	.01023	-.00276	-.00094	394.20	.00029	.01267

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9295	.00250	.01579	1.1290	.40672	.00238	-.00572
Stddev	.0104	.00016	.01418	.0070	.00280	.00115	.00344
%RSD	.15022	6.4711	89.776	.62268	.68805	48.452	60.127

#1	6.9183	.00248	.01371	1.1321	.40426	.00371	-.00837
#2	6.9389	.00267	.03090	1.1340	.40976	.00166	-.00183
#3	6.9312	.00234	.00277	1.1210	.40614	.00177	-.00695

Sample Name: K3177-02 Acquired: 6/5/2019 20:48:27 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BW-CONCRETE- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02289	-.0026	1.2694	6.4712	F<.00000
Stddev	.00191	.0010	.0031	.0512	.91190
%RSD	8.3651	36.78	.24359	.79144	6.5511
#1	.02118	-.0016	1.2660	6.4202	-14.135
#2	.02253	-.0036	1.2722	6.4708	-12.920
#3	.02496	-.0027	1.2699	6.5227	-14.705
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3532.0	44859.	4308.2	60.193	3621.7
Stddev	2.9	10.	15.9	.418	4.7
%RSD	.08075	.02285	.36878	.69444	.12862
#1	3534.9	44863.	4325.7	60.118	3620.5
#2	3531.8	44866.	4304.2	60.644	3617.7
#3	3529.2	44847.	4294.7	59.818	3626.8

Sample Name: K3182-05 Acquired: 6/5/2019 20:53:03 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-06-COMP Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00577	.01348	.00864	-.00157	.01692	.35022	.00045
Stddev	.00231	.00077	.00014	.00465	.00076	.01198	.00251	.00007
%RSD	1601.1	13.399	1.0430	53.823	48.785	70.798	.71558	15.036

#1	-.00058	-.00625	.01338	.00327	-.00214	.00607	.34732	.00043
#2	.00273	-.00488	.01364	.01150	-.00186	.01492	.35159	.00038
#3	-.00171	-.00618	.01342	.01115	-.00070	.02978	.35173	.00052

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00096	14.895	-.00225	.06061	.00234	14.948	3.1183	2.8005
Stddev	.00008	.046	.00031	.00028	.00035	.015	.0022	.0653
%RSD	8.5063	.31017	13.704	.46408	14.799	.09981	.06972	2.3330

#1	-.00088	14.847	-.00253	.06076	.00226	14.933	3.1188	2.8650
#2	-.00097	14.939	-.00192	.06078	.00205	14.947	3.1159	2.8021
#3	-.00105	14.898	-.00231	.06028	.00273	14.963	3.1201	2.7343

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31615	-.00013	367.72	-.01164	.12017	2.5910	-.00063	.07457
Stddev	.00140	.00083	3.83	.00043	.00015	.0707	.00001	.00657
%RSD	.44422	621.88	1.0420	3.6872	.12430	2.7287	.86995	8.8142

#1	.31545	.00013	363.72	-.01177	.12015	2.5461	-.00063	.06739
#2	.31523	-.00106	368.08	-.01116	.12003	2.5544	-.00063	.08028
#3	.31777	.00053	371.35	-.01198	.12033	2.6725	-.00064	.07606

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56648	1.6383	.00159	.00424	.00119	.1036	.06000	6.1679
Stddev	.00287	.0153	.00096	.00272	.00073	.0010	.00059	.0539
%RSD	.50589	.93061	60.344	64.141	61.840	.9923	.98646	.87416

#1	.56322	1.6553	.00064	.00358	.00035	.1026	.05935	6.1854
#2	.56859	1.6259	.00158	.00192	.00174	.1047	.06015	6.1075
#3	.56763	1.6337	.00255	.00724	.00147	.1034	.06050	6.2110

Sample Name: K3182-05 Acquired: 6/5/2019 20:53:03 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-06-COMP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.3697
 Stddev 1.7123
 %RSD 39.186

#1 2.3979
 #2 5.2284
 #3 5.4827

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3670.7	46378.	4384.7	62.290	3775.2
Stddev	15.0	161.	27.3	1.482	5.0
%RSD	.40855	.34807	.62342	2.3797	.13273

#1	3686.1	46379.	4361.4	60.580	3780.6
#2	3669.7	46539.	4414.8	63.208	3770.7
#3	3656.2	46216.	4378.0	63.082	3774.4

Sample Name: K3182-06 Acquired: 6/5/2019 20:57:34 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-05-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	-.00536	.05155	.00651	-.00111	.09075	.32859
Stddev	.00080	.00077	.00018	.00168	.00060	.00601	.00030
%RSD	79.529	14.354	.35319	25.774	53.647	6.6247	.09265

#1	.00139	-.00546	.05174	.00715	-.00045	.08520	.32879
#2	.00009	-.00607	.05155	.00460	-.00128	.08991	.32874
#3	.00156	-.00454	.05138	.00777	-.00160	.09713	.32824

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	-.00029	23.580	-.00033	.02238	.00014	6.1447
Stddev	.00005	.00008	.118	.00023	.00045	.00057	.0072
%RSD	15.364	26.984	.50112	70.574	2.0110	399.44	.11746

#1	.00034	-.00037	23.448	-.00007	.02286	-.00041	6.1377
#2	.00039	-.00021	23.618	-.00051	.02197	.00072	6.1521
#3	.00029	-.00029	23.675	-.00042	.02231	.00011	6.1444

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3669	1.4993	.07968	.00037	322.71	-.00444	.12205
Stddev	.0016	.0239	.00037	.00028	4.80	.00022	.00026
%RSD	.11575	1.5928	.45898	75.841	1.4867	4.9592	.21228

#1	1.3651	1.5239	.07966	.00054	317.98	-.00419	.12193
#2	1.3679	1.4979	.07932	.00051	327.57	-.00453	.12234
#3	1.3678	1.4762	.08005	.00005	322.60	-.00460	.12187

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0207	-.00061	.05984	.58429	2.2382	.00081	.00250
Stddev	.0364	.00036	.00821	.00061	.0149	.00098	.00271
%RSD	1.7998	59.582	13.715	.10405	.66733	120.52	108.17

#1	1.9788	-.00073	.06356	.58365	2.2390	.00156	.00466
#2	2.0445	-.00020	.05043	.58485	2.2228	-.00029	-.00053
#3	2.0388	-.00089	.06552	.58437	2.2527	.00116	.00338

Sample Name: K3182-06 Acquired: 6/5/2019 20:57:34 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-05-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.0147	.11311	6.0963	F<.00000
Stddev	.00059	.0018	.00046	.0520	.91084
%RSD	324.37	12.52	.40892	.85337	20.828

#1	.00012	.0167	.11265	6.0362	-5.3941
#2	-.00038	.0130	.11310	6.1279	-3.6437
#3	.00080	.0146	.11357	6.1246	-4.0820

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3675.0	46355.	4366.6	61.428	3799.7
Stddev	8.5	237.	9.9	.750	10.2
%RSD	.23124	.51181	.22590	1.2210	.26909

#1	3667.3	46273.	4361.1	60.627	3788.3
#2	3684.1	46169.	4360.8	61.543	3802.8
#3	3673.7	46622.	4378.0	62.114	3808.0

Sample Name: K3184-02 Acquired: 6/5/2019 21:02:06 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONTINGENCY- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00310	-.00500	.00782	.00803	-.00305	.11878	.15727
Stddev	.00116	.00090	.00123	.00384	.00110	.00846	.00112
%RSD	37.448	17.943	15.769	47.875	36.052	7.1245	.71167

#1	-.00176	-.00397	.00823	.00427	-.00196	.11574	.15799
#2	-.00387	-.00538	.00880	.01195	-.00304	.11226	.15598
#3	-.00365	-.00563	.00643	.00787	-.00416	.12834	.15785

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00000	204.15	.17857	.00010	.00077	.00417
Stddev	.00002	.00008	1.70	.00170	.00021	.00010	.00018
%RSD	85.068	13262.	.83346	.95308	216.62	12.512	4.2058

#1	.00000	-.00006	202.19	.17663	.00016	.00073	.00419
#2	.00003	.00009	204.93	.17928	-.00014	.00069	.00398
#3	.00004	-.00003	205.31	.17980	.00027	.00088	.00433

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.06894	-.00224	-.00044	379.00	.00868	.00554
Stddev	.00001	.01839	.00041	.00050	.99	.00057	.00015
%RSD	6.2233	26.677	18.186	111.63	.26227	6.6125	2.7407

#1	.00013	.08554	-.00271	-.00030	377.88	.00804	.00564
#2	.00014	.07212	-.00203	-.00099	379.78	.00887	.00561
#3	.00012	.04917	-.00198	-.00004	379.34	.00914	.00537

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5997	.02046	.00318	4.7167	2.2419	.00046	-.00438
Stddev	.0495	.00007	.00282	.0072	.0174	.00070	.00112
%RSD	.75048	.32438	88.774	.15334	.77727	153.27	25.491

#1	6.5921	.02039	.00042	4.7246	2.2249	.00121	-.00510
#2	6.5544	.02052	.00306	4.7104	2.2410	.00035	-.00495
#3	6.6525	.02047	.00607	4.7151	2.2597	-.00018	-.00310

Sample Name: K3184-02 Acquired: 6/5/2019 21:02:06 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONTINGENCY- Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01787	-.0036	.22718	6.2001	F<.00000
Stddev	.00222	.0009	.00068	.2034	2.1557
%RSD	12.423	24.35	.30046	3.2804	16.084

#1	.01551	-.0044	.22639	6.2814	-10.924
#2	.01992	-.0027	.22752	6.3503	-14.840
#3	.01817	-.0037	.22761	5.9687	-14.444

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3566.5	45098.	4334.5	59.924	3655.2
Stddev	9.7	17.	20.3	1.076	14.8
%RSD	.27179	.03879	.46790	1.7947	.40431

#1	3556.2	45078.	4352.4	60.923	3639.6
#2	3567.8	45112.	4312.5	58.786	3656.9
#3	3575.5	45103.	4338.7	60.062	3669.0

Sample Name: CCV09 Acquired: 6/5/2019 21:06:40 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0367	5.1674	5.0088	5.1038	5.0432	9.3540	9.6160	.25763	2.5156
Stddev	.0101	.0104	.0093	.0091	.0052	.0931	.0601	.00109	.0035
%RSD	.20063	.20127	.18489	.17891	.10223	.99560	.62517	.42381	.13887
#1	5.0483	5.1604	5.0168	5.0958	5.0416	9.2698	9.5641	.25685	2.5196
#2	5.0296	5.1793	5.0109	5.1138	5.0490	9.3382	9.6019	.25717	2.5141
#3	5.0322	5.1624	4.9987	5.1018	5.0391	9.4540	9.6819	.25888	2.5132
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.615	1.0060	2.5330	1.2478	4.9243	2.5345	24.564	2.5033	1.2843
Stddev	.100	.0047	.0021	.0036	.0312	.0139	.204	.0024	.0044
%RSD	.40433	.46605	.08342	.29092	.63334	.54927	.82987	.09464	.34098
#1	24.501	1.0054	2.5355	1.2513	4.9052	2.5233	24.360	2.5044	1.2853
#2	24.684	1.0017	2.5316	1.2481	4.9073	2.5301	24.565	2.5049	1.2795
#3	24.659	1.0110	2.5321	1.2441	4.9603	2.5501	24.768	2.5006	1.2881
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.768	2.5665	2.5496	23.866	5.0434	4.6336	5.0452	5.1659	5.0356
Stddev	.167	.0109	.0012	.154	.0046	.0437	.0194	.0274	.0034
%RSD	.70375	.42374	.04643	.64506	.09163	.94252	.38487	.53006	.06737
#1	23.602	2.5590	2.5493	23.707	5.0438	4.6035	5.0229	5.1917	5.0328
#2	23.764	2.5615	2.5486	23.878	5.0386	4.6136	5.0585	5.1688	5.0394
#3	23.937	2.5790	2.5509	24.014	5.0478	4.6837	5.0541	5.1371	5.0347
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	4.9394	4.5572	5.232	4.9289	5.4141	5.4871			
Stddev	.0219	.0064	.004	.0093	.0657	.5092			
%RSD	.44229	.14113	.0680	.18948	1.2130	9.2803			
#1	4.9159	4.5524	5.235	4.9207	5.3383	4.9079			
#2	4.9591	4.5645	5.228	4.9390	5.4521	5.6887			
#3	4.9431	4.5546	5.232	4.9270	5.4520	5.8646			

Sample Name: CCV09 Acquired: 6/5/2019 21:06:40 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-COMP-1 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3827.6	48957.	4454.4	61.951	3974.0
Stddev	3.1	239.	7.0	.513	1.6
%RSD	.08135	.48886	.15661	.82738	.04120
#1	3824.0	49078.	4447.4	61.849	3972.3
#2	3829.3	49111.	4454.5	61.497	3974.2
#3	3829.5	48681.	4461.4	62.507	3975.5

Sample Name: CCB09 Acquired: 6/5/2019 21:10:40 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-COMP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00341	-.00050	-.00081	.00273	.00079	-.02082	.00058	.00012
Stddev	.00157	.00096	.00096	.00078	.00132	.00290	.00041	.00004
%RSD	46.053	191.78	119.53	28.576	166.22	13.910	70.795	31.682
#1	-.00395	.00046	-.00051	.00321	-.00045	-.01832	.00067	.00008
#2	-.00465	-.00146	-.00188	.00183	.00065	-.02400	.00094	.00014
#3	-.00164	-.00050	-.00002	.00315	.00218	-.02016	.00013	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.01076	.00009	.00013	-.00106	-.00148	.00008	-.02554
Stddev	.00006	.00386	.00024	.00013	.00044	.00037	.00004	.03983
%RSD	40.124	35.840	262.15	102.30	41.885	25.077	53.021	155.95
#1	.00021	.00945	-.00019	.00027	-.00075	-.00105	.00011	-.02517
#2	.00012	.01510	.00024	.00000	-.00086	-.00170	.00010	-.06555
#3	.00010	.00773	.00022	.00012	-.00157	-.00169	.00003	.01410
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	.00038	.29412	.00032	-.00003	.29063	.00027	-.00672
Stddev	.00039	.00038	.00974	.00035	.00005	.02785	.00040	.01405
%RSD	94.851	98.776	3.3105	107.01	137.18	9.5834	149.86	209.04
#1	.00047	.00082	.28291	.00058	-.00004	.29514	.00071	-.01802
#2	.00078	.00019	.29904	.00046	-.00008	.26080	.00015	.00901
#3	-.00000	.00014	.30042	-.00007	.00001	.31596	-.00006	-.01116
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	-.00229	.00145	.00048	-.00814	-.0034	-.00004	F 3.4214
Stddev	.00104	.00075	.00024	.00120	.00206	.0008	.00004	.1015
%RSD	66.144	32.765	16.728	252.27	25.281	22.60	100.25	2.9660
#1	-.00276	-.00309	.00171	-.00046	-.00577	-.0037	-.00002	3.3172
#2	-.00092	-.00160	.00122	.00182	-.00942	-.0025	-.00008	3.4273
#3	-.00101	-.00218	.00143	.00006	-.00924	-.0040	-.00001	3.5199

Sample Name: CCB09 Acquired: 6/5/2019 21:10:40 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SP-COMP-2 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .54991
Stddev	.78590
%RSD	142.91

#1	-.28056
#2	.64834
#3	1.2820

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4060.0	52143.	4497.0	63.545	4558.9
Stddev	8.8	311.	51.7	1.560	6.2
%RSD	.21788	.59716	1.1502	2.4545	.13635

#1	4067.3	51826.	4443.6	64.566	4558.9
#2	4050.2	52154.	4500.8	61.750	4565.1
#3	4062.7	52448.	4546.8	64.320	4552.7

Sample Name: K3184-04 Acquired: 6/5/2019 21:15:09 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FOOTING-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00229	-.00354	.00731	.00581	.00133	.15758	.13262
Stddev	.00445	.00159	.00138	.00238	.00158	.00543	.00157
%RSD	193.76	44.938	18.833	40.950	118.31	3.4447	1.1850

#1	-.00645	-.00428	.00819	.00854	-.00025	.15467	.13083
#2	-.00283	-.00171	.00802	.00423	.00135	.15422	.13377
#3	.00239	-.00462	.00572	.00464	.00290	.16384	.13326

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00001	199.82	.00657	.00006	.00014	.00231
Stddev	.00002	.00009	1.64	.00028	.00031	.00045	.00048
%RSD	28.059	751.90	.82011	4.3371	530.03	314.40	20.938

#1	.00008	.00007	198.32	.00629	-.00023	.00041	.00177
#2	.00006	-.00000	199.57	.00686	.00038	.00039	.00269
#3	.00005	-.00010	201.57	.00655	.00003	-.00037	.00246

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.01625	-.00242	-.00062	377.58	.00204	.00629
Stddev	.00003	.04275	.00039	.00055	2.34	.00031	.00011
%RSD	14.607	263.06	16.281	88.259	.62079	15.148	1.7322

#1	.00019	.04775	-.00266	-.00029	377.24	.00196	.00618
#2	.00024	-.03241	-.00197	-.00032	380.07	.00178	.00631
#3	.00025	.03341	-.00264	-.00125	375.42	.00238	.00640

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6150	.00114	.03304	5.1837	2.3238	.00023	-.00423
Stddev	.0620	.00027	.01104	.0262	.0170	.00162	.00102
%RSD	1.3440	23.719	33.429	.50445	.73056	715.33	24.057

#1	4.5466	.00102	.04513	5.2036	2.3395	.00123	-.00440
#2	4.6310	.00094	.03051	5.1541	2.3058	-.00164	-.00314
#3	4.6675	.00144	.02348	5.1934	2.3261	.00109	-.00515

Sample Name: K3184-04 Acquired: 6/5/2019 21:15:09 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FOOTING-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02130	-.0006	.72144	6.1128	F<.00000
Stddev	.00341	.0002	.00411	.0171	.74281
%RSD	16.017	35.43	.56959	.27941	5.8211
#1	.02020	-.0005	.71959	6.0944	-13.583
#2	.01858	-.0009	.71858	6.1159	-12.560
#3	.02513	-.0005	.72615	6.1281	-12.139
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3550.2	44863.	4301.8	59.785	3657.7
Stddev	21.1	73.	34.2	.403	11.6
%RSD	.59293	.16195	.79470	.67373	.31683
#1	3529.5	44878.	4279.1	60.220	3653.2
#2	3549.5	44784.	4341.1	59.425	3648.9
#3	3571.6	44928.	4285.2	59.709	3670.8

Sample Name: K3184-06 Acquired: 6/5/2019 21:19:44 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JERSEY-BARRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00154	-.00351	.00918	.00741	-.00131	.02396	.11982
Stddev	.00543	.00199	.00035	.00357	.00115	.00986	.00076
%RSD	352.13	56.595	3.8207	48.170	87.801	41.131	.63297

#1	.00472	-.00377	.00954	.01004	-.00247	.02911	.12055
#2	-.00452	-.00141	.00916	.00883	-.00129	.03018	.11904
#3	-.00483	-.00536	.00884	.00335	-.00017	.01260	.11988

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00001	180.27	.04929	.00041	-.00005	-.00365
Stddev	.00001	.00006	.87	.00006	.00022	.00061	.00015
%RSD	4.9945	573.42	.48138	.11906	52.642	1157.4	4.0723

#1	.00015	.00001	179.27	.04923	.00062	-.00014	-.00370
#2	.00014	.00007	180.75	.04934	.00018	.00060	-.00349
#3	.00015	-.00005	180.79	.04929	.00044	-.00061	-.00377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02198	5.9698	.00618	-.00011	325.14	.00209	.03788
Stddev	.00004	.0857	.00025	.00022	.11	.00029	.00016
%RSD	.19415	1.4356	4.0510	197.07	.03266	13.907	.41519

#1	.02202	5.8738	.00608	.00014	325.17	.00210	.03770
#2	.02194	6.0385	.00600	-.00025	325.23	.00237	.03791
#3	.02199	5.9972	.00647	-.00023	325.03	.00179	.03801

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1904	.00335	.07425	6.9448	5.1850	-.00090	-.00186
Stddev	.0916	.00027	.01562	.0422	.0131	.00141	.00293
%RSD	2.1864	8.1944	21.035	.60827	.25348	157.41	157.73

#1	4.0890	.00335	.06292	6.9316	5.1861	.00069	-.00523
#2	4.2150	.00308	.06775	6.9108	5.1713	-.00137	-.00002
#3	4.2672	.00363	.09206	6.9921	5.1975	-.00201	-.00032

Sample Name: K3184-06 Acquired: 6/5/2019 21:19:44 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: JERSEY-BARRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01658	.0003	.50648	6.2306	F<.00000
Stddev	.00028	.0007	.00196	.0877	1.5901
%RSD	1.7074	254.2	.38753	1.4070	14.251

#1	.01635	.0003	.50436	6.1794	-10.007
#2	.01649	.0010	.50687	6.3318	-10.494
#3	.01689	-.0005	.50823	6.1805	-12.972

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3598.4	45618.	4366.3	60.138	3707.6
Stddev	6.4	125.	10.5	1.068	19.3
%RSD	.17765	.27435	.24150	1.7766	.52061

#1	3602.2	45483.	4366.4	59.032	3729.1
#2	3591.1	45730.	4376.8	60.218	3702.0
#3	3602.0	45640.	4355.7	61.165	3691.8

Sample Name: K3105-02 Acquired: 6/5/2019 21:24:18 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-060419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00079	-.00184	.27122	.00503	-.00205	.00743	.06105
Stddev	.00252	.00062	.00125	.00140	.00167	.00877	.00031
%RSD	316.88	33.548	.45930	27.914	81.425	118.02	.50626

#1	.00154	-.00255	.27198	.00356	-.00200	.01367	.06106
#2	-.00046	-.00139	.26978	.00636	-.00041	.01122	.06073
#3	-.00346	-.00158	.27190	.00517	-.00375	-.00260	.06135

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	.00030	19.704	-.00033	.00193	.00788	.23436
Stddev	.00006	.00003	.344	.00030	.00019	.00040	.00118
%RSD	23.413	11.199	1.7456	90.926	9.9052	5.0962	.50554

#1	.00033	.00027	19.330	-.00008	.00215	.00827	.23348
#2	.00020	.00034	19.774	-.00025	.00179	.00747	.23571
#3	.00030	.00030	20.007	-.00066	.00185	.00789	.23390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58250	5.6753	.00358	.00054	128.47	-.00215	.05718
Stddev	.00048	.0583	.00024	.00057	.31	.00042	.00025
%RSD	.08259	1.0272	6.7431	105.87	.23956	19.620	.42858

#1	.58208	5.6217	.00375	.00044	128.73	-.00249	.05715
#2	.58303	5.7374	.00331	.00003	128.13	-.00227	.05696
#3	.58240	5.6667	.00369	.00115	128.54	-.00168	.05744

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78981	-.00053	-.00370	1.3187	.18308	.00033	.00129
Stddev	.00846	.00004	.01285	.0067	.00578	.00079	.00206
%RSD	1.0707	7.9308	347.09	.51150	3.1556	235.30	159.32

#1	.78290	-.00055	-.01443	1.3110	.17668	-.00057	.00356
#2	.78729	-.00049	-.00721	1.3214	.18465	.00076	.00078
#3	.79924	-.00057	.01054	1.3237	.18791	.00082	-.00046

Sample Name: K3105-02 Acquired: 6/5/2019 21:24:18 Type: Unk
 Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-06-060419 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00353	.0008	.03410	5.2102	F<.00000
Stddev	.00031	.0022	.00065	.0455	1.9481
%RSD	8.8718	280.6	1.9042	.87320	19.492

#1	-.00363	.0033	.03352	5.1822	-10.274
#2	-.00378	-.0011	.03399	5.1857	-11.787
#3	-.00318	.0002	.03480	5.2627	-7.9213

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3885.6	48952.	4517.0	63.512	4061.8
Stddev	6.6	240.	49.0	1.554	5.4
%RSD	.16943	.49030	1.0853	2.4468	.13319

#1	3882.7	48683.	4562.3	65.278	4057.4
#2	3881.0	49027.	4523.6	62.355	4060.1
#3	3893.1	49144.	4464.9	62.903	4067.8

Sample Name: K3165-09DLX4 Acquired: 6/5/2019 21:28:42 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-060419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1321	.00663	4.2519	-.04078	.05762	23.976	.83806	.03547
Stddev	.0044	.00125	.0029	.00052	.00383	.239	.00834	.00061
%RSD	.38667	18.835	.06805	1.2696	6.6500	.99632	.99467	1.7194
#1	1.1371	.00805	4.2540	-.04019	.05377	23.701	.82848	.03527
#2	1.1290	.00573	4.2531	-.04102	.06144	24.094	.84199	.03616
#3	1.1301	.00610	4.2486	-.04114	.05765	24.133	.84370	.03499
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02569	108.12	.45883	.45026	17.253	480.17	3.2870	15.263
Stddev	.00020	.06	.00087	.00149	.040	.66	.0019	.121
%RSD	.78080	.05099	.19048	.32987	.23261	.13733	.05664	.78969
#1	.02589	108.11	.45812	.45198	17.298	480.69	3.2878	15.205
#2	.02549	108.18	.45981	.44948	17.243	480.39	3.2884	15.182
#3	.02571	108.07	.45856	.44934	17.220	479.43	3.2849	15.401
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68535	-.07835	5.3161	.05090	22.397	8.6952	3.9620	.28653
Stddev	.00243	.00127	.0655	.00035	.054	.1009	.0102	.01582
%RSD	.35508	1.6166	1.2318	.68142	.24252	1.1601	.25746	5.5214
#1	.68722	-.07710	5.2405	.05085	22.438	8.5843	3.9737	.30478
#2	.68260	-.07963	5.3547	.05127	22.417	8.7198	3.9571	.27816
#3	.68623	-.07833	5.3532	.05058	22.336	8.7815	3.9551	.27666
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.015	.92490	.43284	1.3407	.00501	1.003	-.40099	3.0323
Stddev	.038	.00656	.00147	.0082	.00185	.000	.00108	.0896
%RSD	.31928	.70913	.33905	.61474	36.884	.0166	.26921	2.9560
#1	12.051	.92832	.43213	1.3312	.00515	1.003	-.40199	3.1220
#2	11.975	.92904	.43187	1.3457	.00309	1.003	-.40114	3.0322
#3	12.018	.91734	.43453	1.3451	.00678	1.003	-.39984	2.9427

Sample Name: K3165-09DLX4 Acquired: 6/5/2019 21:28:42 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-06-060419 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1012.3
Stddev	6.1
%RSD	.60096

#1	1019.3
#2	1009.2
#3	1008.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3818.6	50189.	4568.1	60.160	3873.0
Stddev	16.2	54.	38.3	.886	13.4
%RSD	.42366	.10710	.83858	1.4730	.34597

#1	3804.6	50194.	4527.9	61.156	3868.6
#2	3815.0	50132.	4572.1	59.865	3862.3
#3	3836.4	50240.	4604.2	59.459	3888.0

Sample Name: K3165-09DLX10 Acquired: 6/5/2019 21:32:59 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44979	.00591	1.6995	.00861	.02345	9.5469	.33347	.01301
Stddev	.00158	.00126	.0079	.00007	.00168	.0381	.00208	.00023
%RSD	.35017	21.314	.46227	.79344	7.1713	.39952	.62272	1.7666
#1	.44830	.00592	1.6919	.00856	.02200	9.5365	.33109	.01323
#2	.44962	.00716	1.6990	.00869	.02530	9.5150	.33491	.01303
#3	.45144	.00464	1.7076	.00859	.02307	9.5891	.33440	.01277
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00270	53.011	.18168	.17790	7.0462	249.34	1.3497	6.1538
Stddev	.00041	.224	.00066	.00033	.0060	1.52	.0010	.0190
%RSD	15.147	.42317	.36326	.18392	.08474	.60771	.07679	.30814
#1	.00223	53.232	.18210	.17756	7.0500	251.03	1.3492	6.1757
#2	.00290	52.783	.18203	.17794	7.0393	248.11	1.3489	6.1433
#3	.00298	53.017	.18092	.17821	7.0493	248.89	1.3509	6.1425
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26712	-.02389	2.1972	.02098	9.6420	3.5142	1.5893	.19889
Stddev	.00167	.00043	.0196	.00027	.0140	.0276	.0004	.01461
%RSD	.62607	1.7962	.89314	1.2657	.14556	.78478	.02656	7.3444
#1	.26699	-.02345	2.1942	.02071	9.6280	3.4855	1.5888	.21355
#2	.26552	-.02431	2.1793	.02124	9.6561	3.5166	1.5895	.18433
#3	.26886	-.02391	2.2182	.02098	9.6418	3.5405	1.5896	.19878
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6352	.37652	.17185	.54381	-.00424	.3841	-.22310	4.6079
Stddev	.0170	.00510	.00087	.00482	.00190	.0009	.00158	.1711
%RSD	.36582	1.3539	.50624	.88655	44.883	.2390	.70970	3.7131
#1	4.6510	.37129	.17124	.53947	-.00276	.3842	-.22489	4.6920
#2	4.6173	.38147	.17145	.54296	-.00357	.3831	-.22188	4.4110
#3	4.6374	.37680	.17284	.54900	-.00638	.3849	-.22252	4.7207

Sample Name: K3165-09DLX10 Acquired: 6/5/2019 21:32:59 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 378.02
Stddev 3.36
%RSD .88872

#1 374.44
#2 381.11
#3 378.51

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3924.0	50758.	4566.7	62.004	4133.6
Stddev	2.9	186.	3.8	1.312	6.3
%RSD	.07307	.36654	.08230	2.1159	.15273

#1	3920.8	50556.	4563.2	62.902	4135.0
#2	3924.7	50795.	4570.7	62.610	4126.7
#3	3926.4	50922.	4566.3	60.498	4139.1

Sample Name: CCV10 Acquired: 6/5/2019 21:37:19 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0164	5.1616	5.0103	5.0835	5.0201	9.3485	9.6532	.25803	2.5133
Stddev	.0138	.0127	.0090	.0212	.0137	.1427	.0824	.00094	.0022
%RSD	.27547	.24708	.17908	.41630	.27337	1.5263	.85413	.36433	.08679
#1	5.0071	5.1482	5.0000	5.0591	5.0053	9.1965	9.5587	.25904	2.5108
#2	5.0323	5.1735	5.0149	5.0942	5.0324	9.3692	9.6904	.25788	2.5143
#3	5.0100	5.1631	5.0161	5.0972	5.0226	9.4796	9.7105	.25718	2.5148
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.655	1.0044	2.5374	1.2411	4.9401	2.5340	24.702	2.4984	1.2859
Stddev	.197	.0017	.0025	.0039	.0081	.0019	.419	.0034	.0006
%RSD	.79728	.16827	.09929	.31375	.16494	.07610	1.6952	.13440	.04976
#1	24.466	1.0046	2.5352	1.2366	4.9367	2.5353	24.347	2.4945	1.2864
#2	24.640	1.0060	2.5402	1.2436	4.9494	2.5349	24.595	2.5004	1.2861
#3	24.858	1.0027	2.5368	1.2431	4.9341	2.5318	25.163	2.5003	1.2852
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.871	2.5589	2.5406	23.806	5.0028	4.6495	5.0502	5.1586	5.0352
Stddev	.157	.0069	.0005	.079	.0080	.0976	.0134	.0184	.0136
%RSD	.65930	.27112	.01932	.33198	.16001	2.0990	.26477	.35617	.27077
#1	23.690	2.5601	2.5408	23.715	4.9941	4.5630	5.0516	5.1775	5.0195
#2	23.959	2.5651	2.5400	23.861	5.0099	4.6301	5.0628	5.1408	5.0429
#3	23.965	2.5514	2.5409	23.842	5.0043	4.7553	5.0361	5.1576	5.0433
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	4.9731	4.5514	5.226	4.9356	5.4700	4.9842			
Stddev	.0269	.0230	.002	.0012	.0468	1.1813			
%RSD	.54175	.50471	.0389	.02496	.85602	23.701			
#1	4.9490	4.5727	5.228	4.9368	5.5024	5.8633			
#2	4.9682	4.5544	5.225	4.9357	5.4913	3.6414			
#3	5.0022	4.5271	5.225	4.9343	5.4163	5.4479			

Sample Name: CCV10 Acquired: 6/5/2019 21:37:19 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3839.1	48815.	4448.5	60.362	3976.7
Stddev	4.9	101.	41.0	1.599	3.0
%RSD	.12732	.20659	.92272	2.6493	.07545
#1	3844.6	48702.	4402.2	60.636	3974.5
#2	3837.6	48847.	4463.3	61.806	3980.1
#3	3835.1	48896.	4480.2	58.643	3975.5

Sample Name: CCB10 Acquired: 6/5/2019 21:41:18 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00104	-.00133	-.00017	.00351	.00081	-.00996	.00007	.00014
Stddev	.00043	.00071	.00006	.00169	.00139	.00325	.00036	.00003
%RSD	41.102	52.953	36.449	48.127	171.88	32.633	514.61	24.492

#1	-.00097	-.00074	-.00022	.00394	.00237	-.01316	.00044	.00018
#2	-.00065	-.00211	-.00019	.00165	-.00027	-.00666	-.00029	.00011
#3	-.00150	-.00114	-.00010	.00495	.00032	-.01006	.00006	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.01829	.00025	-.00000	-.00079	.00085	.00014	.02501
Stddev	.00002	.00300	.00009	.00016	.00007	.00017	.00003	.02494
%RSD	11.826	16.417	36.312	4675.2	9.0785	20.095	21.297	99.735

#1	.00019	-.01918	.00027	.00015	-.00071	.00067	.00012	.05374
#2	.00017	-.02075	.00033	.00001	-.00086	.00101	.00017	.01238
#3	.00015	-.01494	.00015	-.00017	-.00081	.00086	.00012	.00891

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	.00066	.19450	.00019	.00023	.16757	.00044	.00730
Stddev	.00025	.00021	.01217	.00027	.00008	.02101	.00033	.01725
%RSD	56.236	31.537	6.2591	144.81	35.030	12.537	75.718	236.32

#1	.00033	.00085	.18044	.00050	.00017	.15524	.00077	.00730
#2	.00027	.00044	.20135	.00005	.00032	.19183	.00011	-.00995
#3	.00073	.00071	.20170	.00001	.00019	.15565	.00044	.02454

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00262	-.00272	.00061	.00108	-.00999	-.0004	-.00011	F 4.3776
Stddev	.00113	.00223	.00058	.00071	.00170	.0013	.00007	.0599
%RSD	43.087	81.807	95.168	66.320	17.073	291.3	65.457	1.3687

#1	-.00159	-.00332	.00124	.00155	-.01194	.0005	-.00003	4.4404
#2	-.00383	-.00026	.00048	.00026	-.00881	-.0019	-.00014	4.3211
#3	-.00245	-.00459	.00010	.00142	-.00920	.0001	-.00015	4.3714

Sample Name: CCB10 Acquired: 6/5/2019 21:41:18 Type: Unk
Method: P4-ICP2(v3176) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .29978
Stddev 1.0127
%RSD 337.82

#1 -.57745
#2 .06874
#3 1.4081

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4015.4	51380.	4537.5	63.143	4489.5
Stddev	7.8	57.	40.3	.686	11.8
%RSD	.19538	.11063	.88844	1.0857	.26204

#1	4007.1	51320.	4499.5	62.445	4476.1
#2	4022.6	51386.	4533.2	63.168	4498.2
#3	4016.5	51433.	4579.8	63.816	4494.1