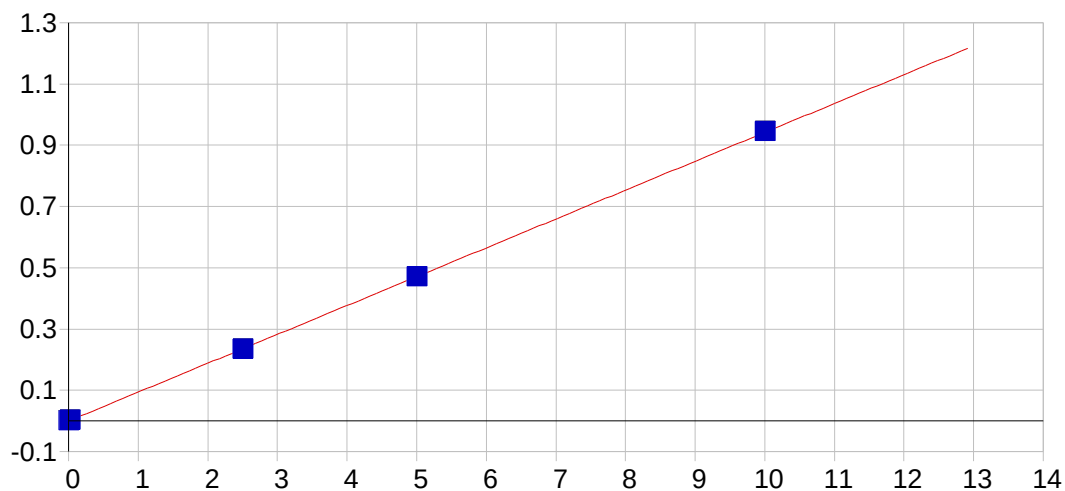


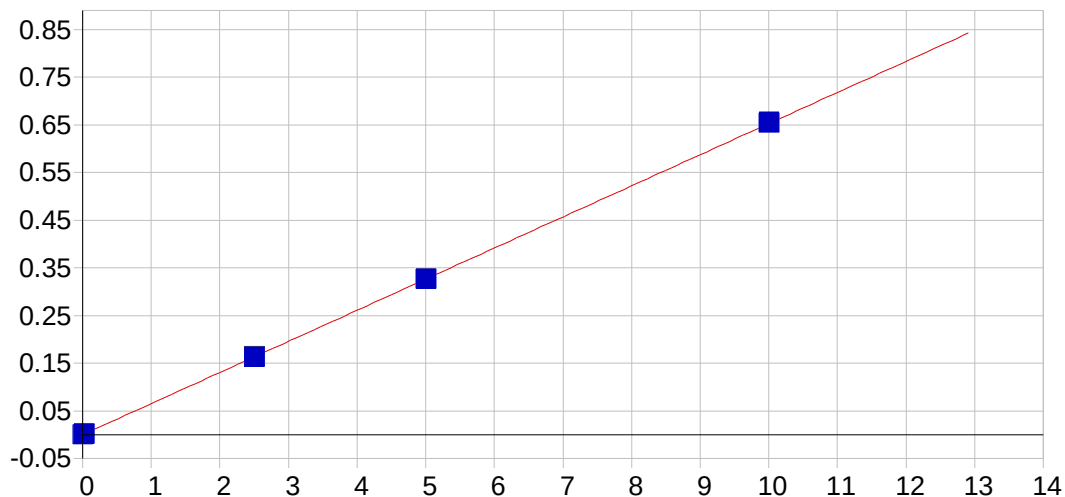


As 189.042 {478}

Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000316 Re-Slope: 1.000000
 A1 (Gain): 0.094238 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.002218
 Predicted MQL: 0.007392

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00032	.000	1
S1	.02000	.01864	-.001	-6.80	.00144	.000	1
S3	2.5000	2.4914	-.009	-.343	.23446	.000	1
S4	5.0000	4.9905	-.010	-.190	.46995	.000	1
S5	10.000	10.019	.019	.194	.94384	.002	1



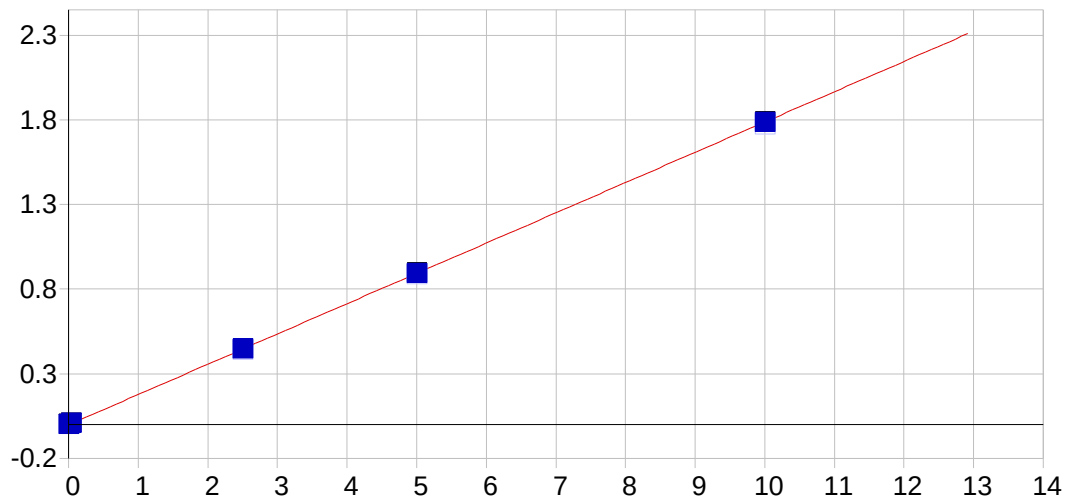
As 189.042 {479}

Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000121 Re-Slope: 1.000000

A1 (Gain): 0.065272 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999999 Status: OK.
 Std Error of Est: 0.000003
 Predicted MDL: 0.002074
 Predicted MQL: 0.006915

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00012	.000	1
S1	.02000	.02009	.000	.474	.00119	.000	1
S3	2.5000	2.4941	-.006	-.237	.16268	.000	1
S4	5.0000	4.9910	-.009	-.180	.32566	.001	1
S5	10.000	10.015	.015	.148	.65357	.001	1

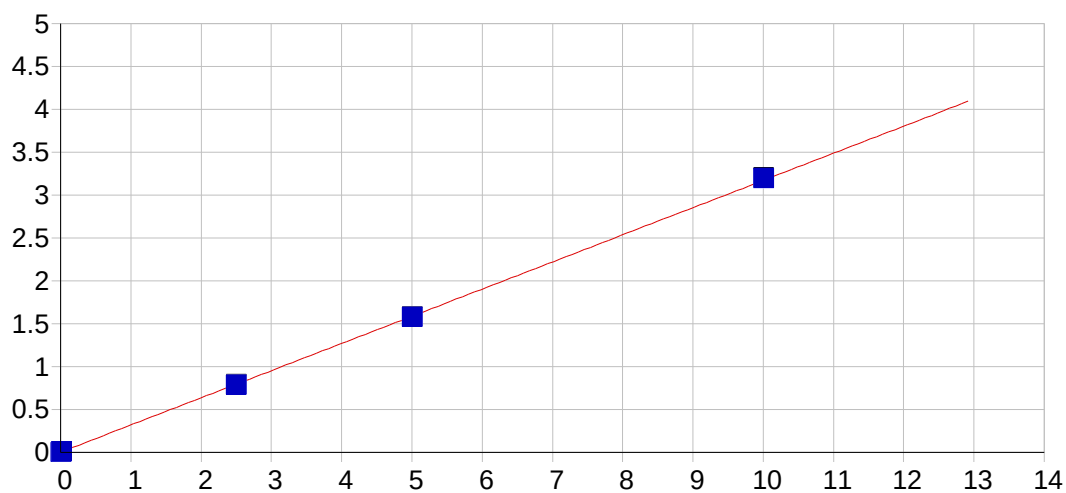


TI 190.856 {477}

Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001271 Re-Slope: 1.000000
 A1 (Gain): 0.178878 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999972 Status: OK.
 Std Error of Est: 0.000045
 Predicted MDL: 0.001015
 Predicted MQL: 0.003384

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00127	.000	1
S1	.04000	.04614	.006	15.4	.00680	.000	1
S3	2.5000	2.4958	-.004	-.169	.44058	.001	1
S4	5.0000	5.0057	.006	.115	.88497	.000	1
S5	10.000	9.9924	-.008	-.076	1.7678	.004	1

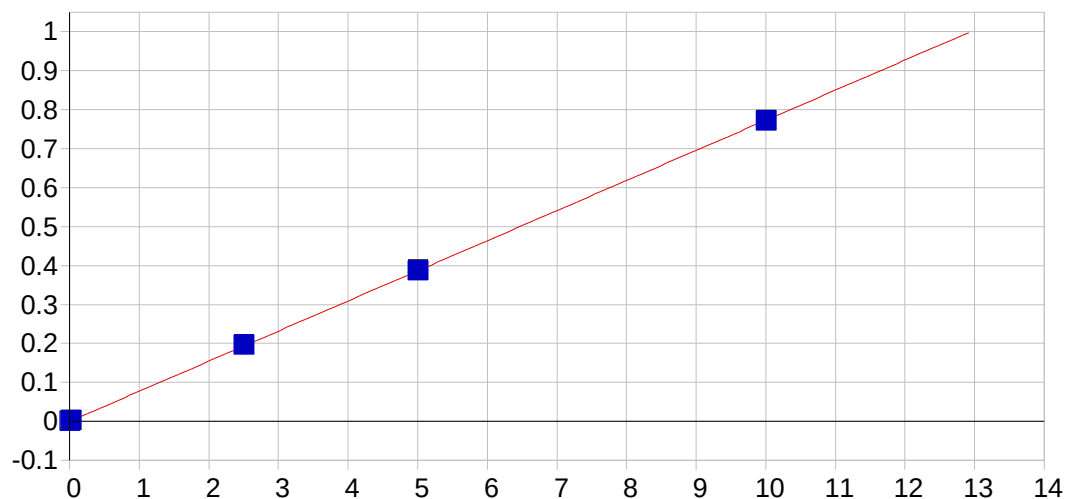


Pb 220.353 {453}

Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003110 Re-Slope: 1.000000
 A1 (Gain): 0.316765 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000050
 Predicted MDL: 0.000885
 Predicted MQL: 0.002950

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00311	.000	1
S1	.01200	.01260	.001	5.03	.00703	.000	1
S3	2.5000	2.4649	-.035	-1.40	.78282	.004	1
S4	5.0000	4.9645	-.035	-.710	1.5735	.001	1
S5	10.000	10.070	.070	.700	3.1886	.006	1



Se 196.090 {472}

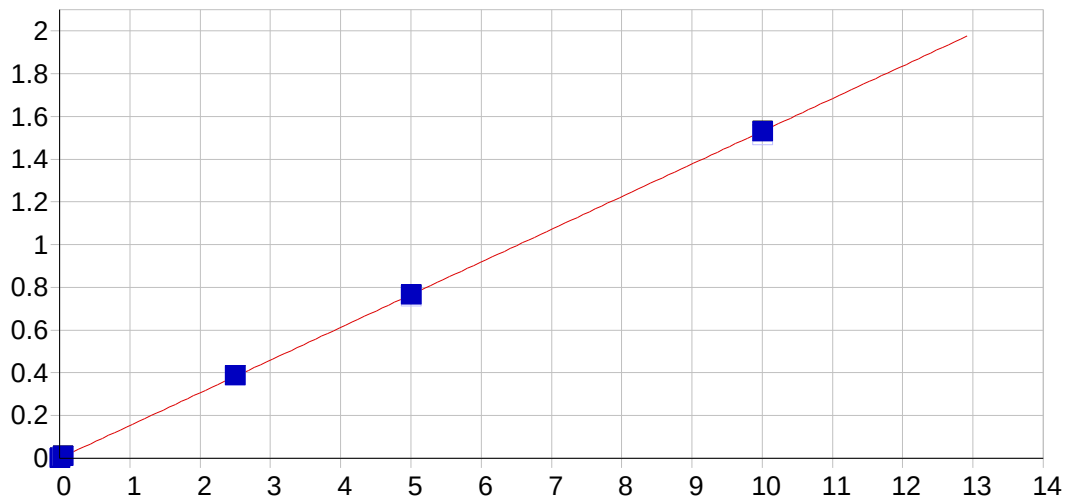
Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000211 Re-Slope: 1.000000
 A1 (Gain): 0.077310 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976
 Std Error of Est: 0.000013
 Predicted MDL: 0.002493
 Predicted MQL: 0.008310

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00021	.000	1
S1	.02000	.02327	.003	16.3	.00159	.000	1
S3	2.5000	2.5237	.024	.947	.19487	.000	1
S4	5.0000	5.0037	.004	.075	.38658	.001	1
S5	10.000	9.9693	-.031	-.307	.77042	.001	1



Sb 206.833 {463}

Date of Fit: 1/4/2019 15:15:31

Type of Fit: Linear

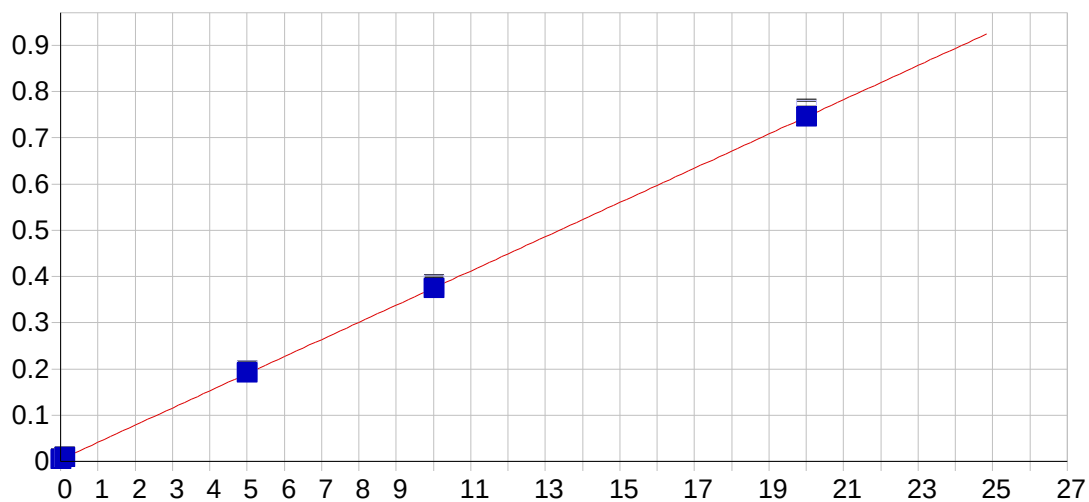
Weighting: 1/Conc

A0 (Offset): 0.000693
 A1 (Gain): 0.153003
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969
 Std Error of Est: 0.000046
 Predicted MDL: 0.001530
 Predicted MQL: 0.005100

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	.00069	.000	1
S1	.05000	.05591	.006	11.8	.00906	.000	1
S3	2.5000	2.5269	.027	1.08	.38301	.000	1
S4	5.0000	4.9838	-.016	-.324	.75463	.001	1
S5	10.000	9.9835	-.017	-.165	1.5110	.001	1

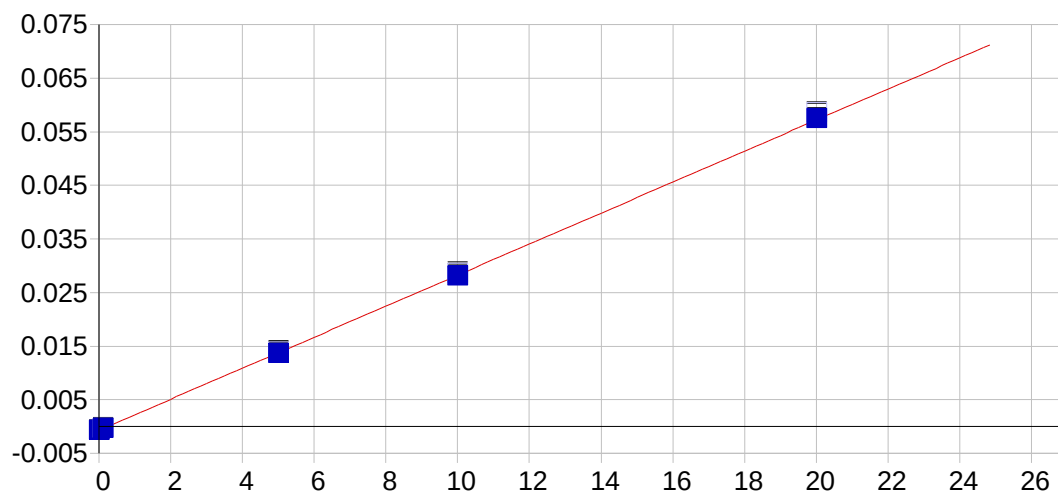


AI 308.215 {109}

Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004257 Re-Slope: 1.000000
 A1 (Gain): 0.037057 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.002831
 Predicted MQL: 0.009438

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00426	.000	1
S1	.10000	.10861	.009	8.61	.00854	.000	1
S3	5.0000	5.0420	.042	.839	.19479	.000	1
S4	10.000	9.9766	-.023	-.234	.38134	.001	1
S5	20.000	19.972	-.028	-.138	.75914	.002	1



AI 309.271 {109}

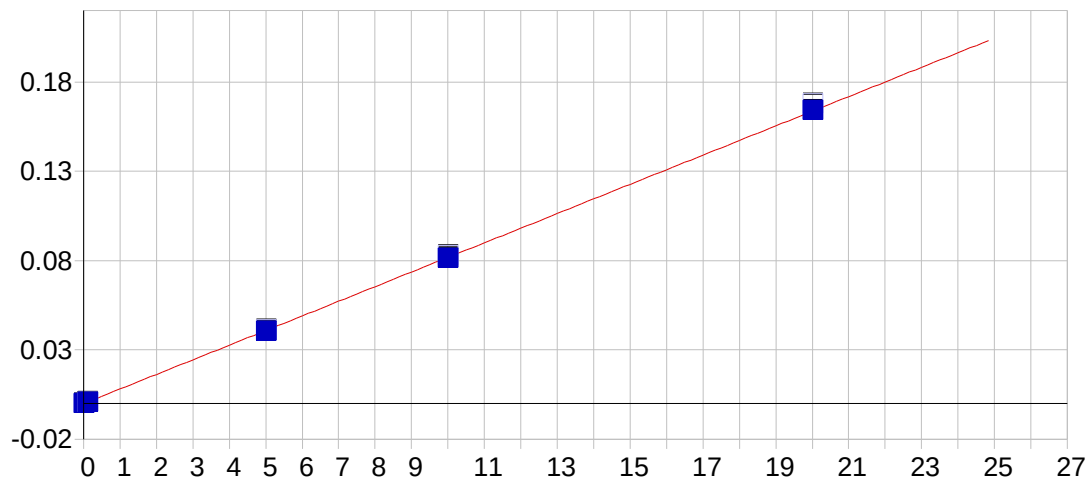
Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000702 Re-Slope: 1.000000
 A1 (Gain): 0.002894 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999823
 Std Error of Est: 0.000004
 Predicted MDL: 0.024271
 Predicted MQL: 0.080902

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00070	.000	1
S1	.10000	.13428	.034	34.3	-.00029	.000	1
S3	5.0000	4.9552	-.045	-.897	.01393	.000	1
S4	10.000	9.9305	-.069	-.695	.02861	.000	1
S5	20.000	20.078	.078	.392	.05855	.000	1



AI 396.152 { 85}

Date of Fit: 1/4/2019 15:15:31

Type of Fit: Linear

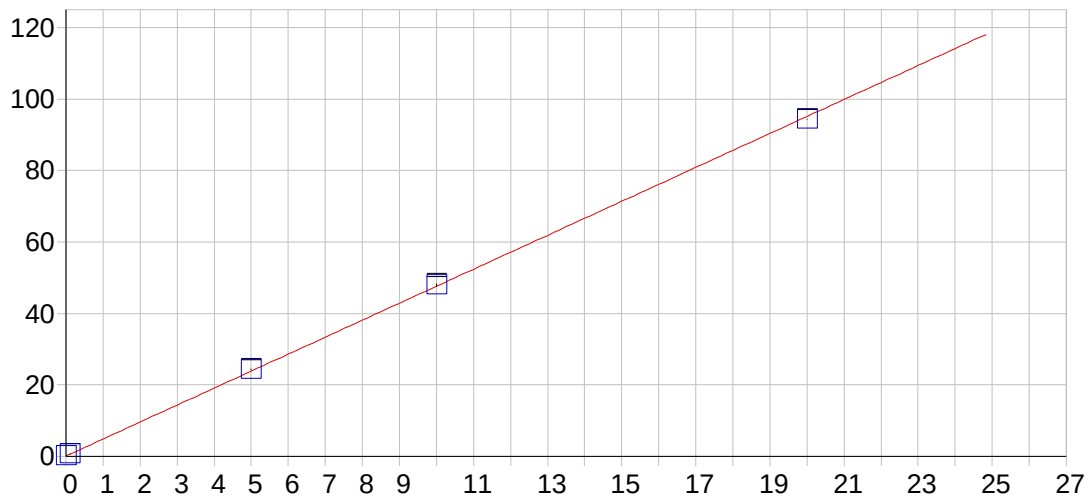
Weighting: 1/Conc

A0 (Offset): -0.000044
 A1 (Gain): 0.008183
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000006
 Predicted MDL: 0.012649
 Predicted MQL: 0.042163

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	-.00004	.000	1
S1	.10000	.11388	.014	13.9	.00094	.000	1
S3	5.0000	4.9682	-.032	-.637	.04143	.000	1
S4	10.000	9.9375	-.062	-.625	.08291	.000	1
S5	20.000	20.080	.080	.399	.16753	.000	1

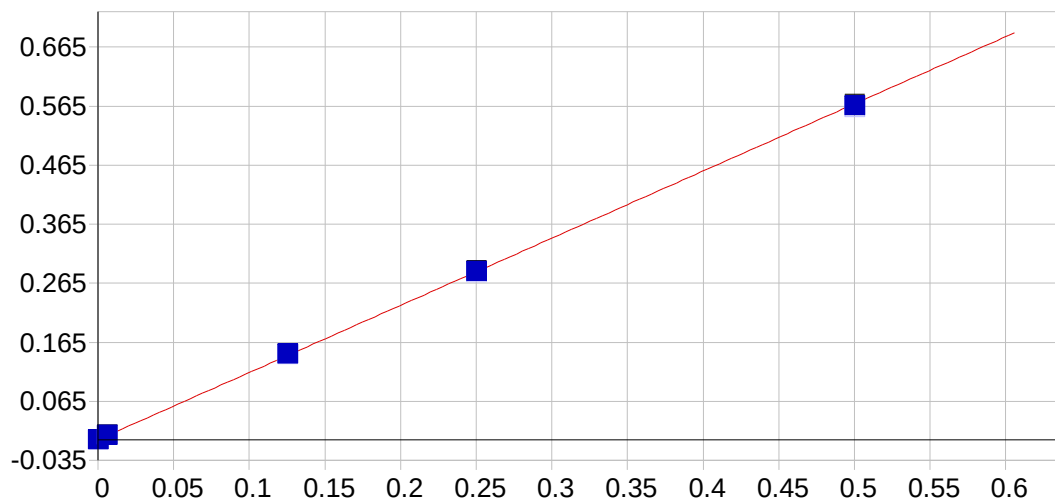


Ba 493.409 { 68}

Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.115811 Re-Slope: 1.000000
 A1 (Gain): 4.750349 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.004619
 Predicted MDL: 0.000738
 Predicted MQL: 0.002459

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.11574	.003	1
S1	.10000	.11373	.014	13.7	.65608	.006	1
S3	5.0000	5.0978	.098	1.96	24.332	.229	1
S5	20.000	19.827	-.173	-.865	94.301	.082	1
S4	10.000	10.062	.062	.616	47.912	.389	1



Be 234.861 {144}

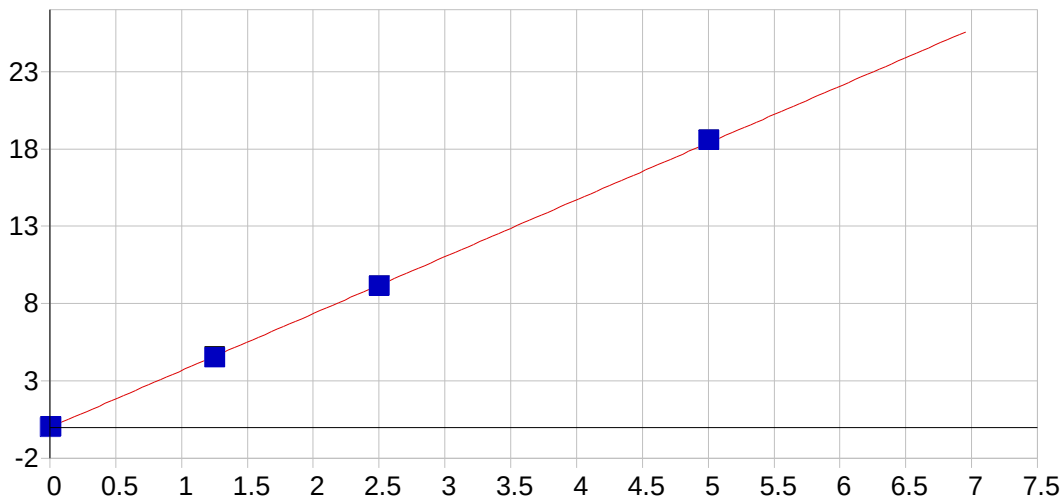
Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000035 Re-Slope: 1.000000
 A1 (Gain): 1.137812 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952
 Std Error of Est: 0.000033
 Predicted MDL: 0.000060
 Predicted MQL: 0.000199

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.00600	.00648	.000	8.02	.00727	.000	1
S3	.12500	.12701	.002	1.61	.14359	.000	1
S4	.25000	.25006	.000	.024	.28270	.001	1
S5	.50000	.49745	-.003	-.510	.56239	.002	1



Cd 226.502 {449}

Date of Fit: 1/4/2019 15:15:31

Type of Fit: Linear

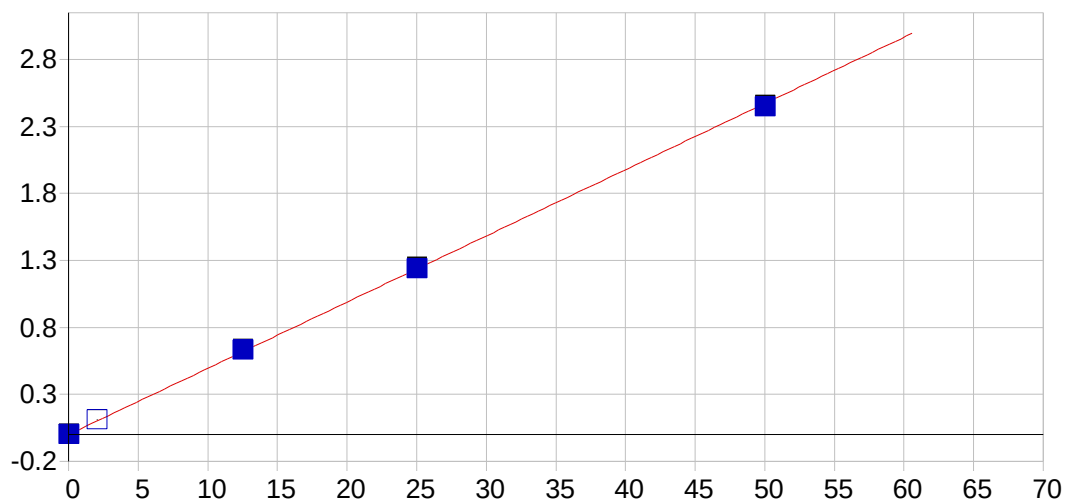
Weighting: 1/Conc

A0 (Offset): -0.001414
 A1 (Gain): 3.676511
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938
 Std Error of Est: 0.000382
 Predicted MDL: 0.000080
 Predicted MQL: 0.000267

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	-.00141	.000	1
S1	.00600	.00605	.000	.766	.02086	.000	1
S3	1.2500	1.2247	-.025	-2.03	4.5022	.021	1
S4	2.5000	2.4801	-.020	-.794	9.1190	.010	1
S5	5.0000	5.0451	.045	.903	18.551	.016	1

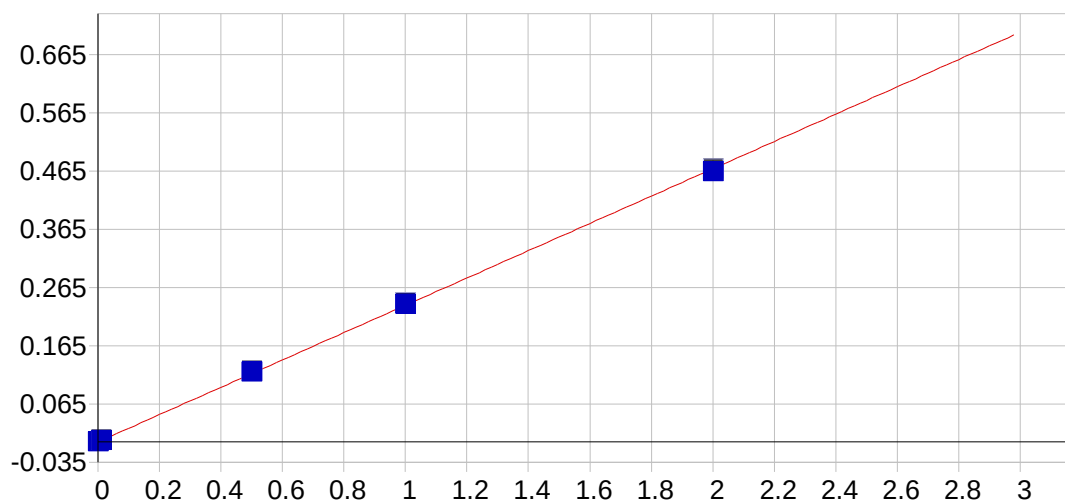


Ca 373.690 { 90}

Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000352 Re-Slope: 1.000000
 A1 (Gain): 0.049443 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999810 Status: OK.
 Std Error of Est: 0.000527
 Predicted MDL: 0.017020
 Predicted MQL: 0.056733

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2174	.217	10.9	.10999	.001	1
S0	.00000	-.00024	-.000	.000	.00034	.000	1
S3	12.500	12.763	.263	2.10	.63170	.003	1
S4	25.000	25.014	.014	.057	1.2378	.012	1
S5	50.000	49.506	-.494	-.988	2.4494	.008	1



Cr 267.716 {126}

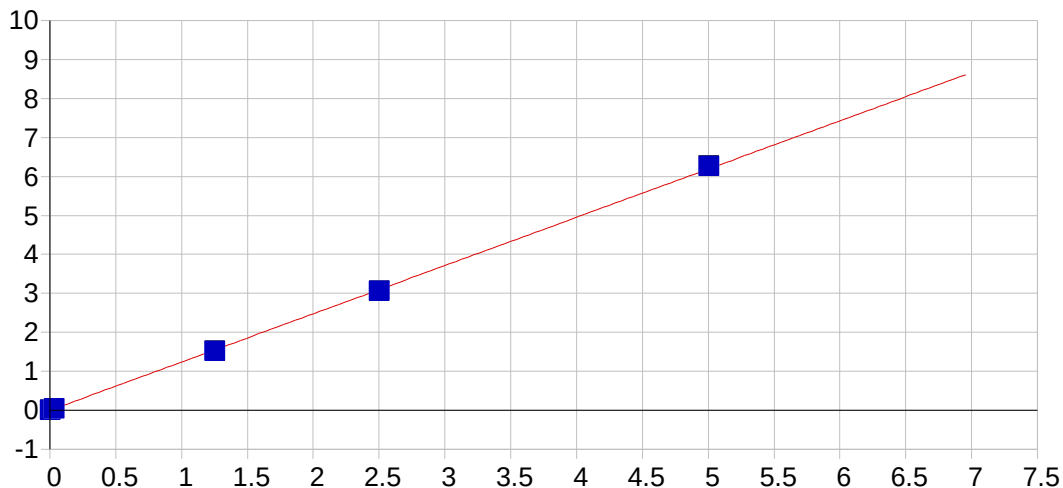
Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000017 Re-Slope: 1.000000
 A1 (Gain): 0.234376 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912
 Std Error of Est: 0.000024
 Predicted MDL: 0.000380
 Predicted MQL: 0.001268

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.01000	.01110	.001	11.0	.00263	.000	1
S3	.50000	.51103	.011	2.21	.12066	.001	1
S4	1.0000	1.0080	.008	.800	.23802	.001	1
S5	2.0000	1.9799	-.020	-1.01	.46755	.001	1



Co 228.616 {447}

Date of Fit: 1/4/2019 15:15:31

Type of Fit: Linear

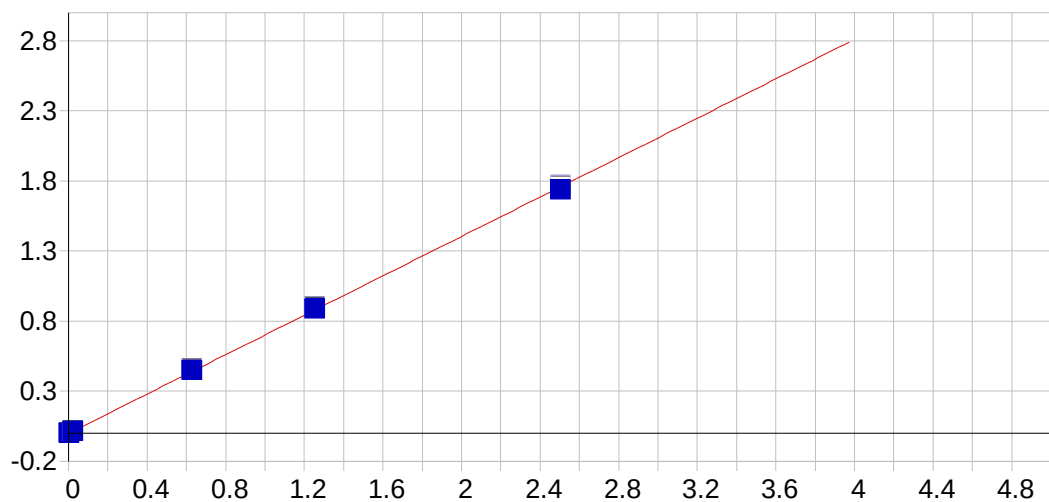
Weighting: 1/Conc

A0 (Offset): -0.000147
 A1 (Gain): 1.237903
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885
 Std Error of Est: 0.000393
 Predicted MDL: 0.000215
 Predicted MQL: 0.000717

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	.03000	.03340	.003	11.3	.04094	.000	1
S3	1.2500	1.2208	-.029	-2.33	1.5124	.006	1
S4	2.5000	2.4706	-.029	-1.17	3.0607	.002	1
S5	5.0000	5.0551	.055	1.10	6.2625	.009	1

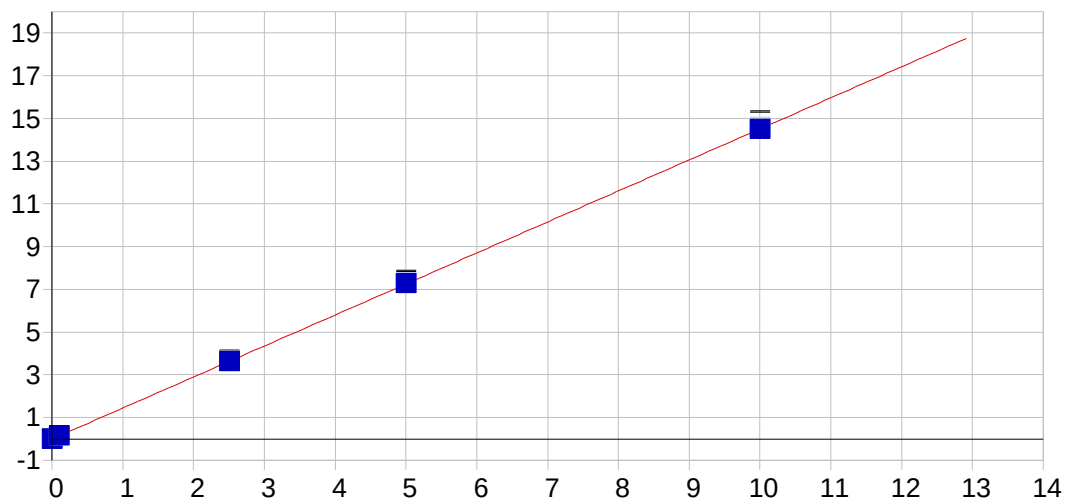


Cu 224.700 {450}

Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000783 Re-Slope: 1.000000
 A1 (Gain): 0.702559 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877 Status: OK.
 Std Error of Est: 0.000136
 Predicted MDL: 0.000446
 Predicted MQL: 0.001487

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00079	.000	1
S1	.02000	.02232	.002	11.6	.01513	.000	1
S3	.62500	.64171	.017	2.67	.45751	.000	1
S4	1.2500	1.2596	.010	.771	.89909	.002	1
S5	2.5000	2.4713	-.029	-1.15	1.7653	.002	1



Fe 240.488 {140}

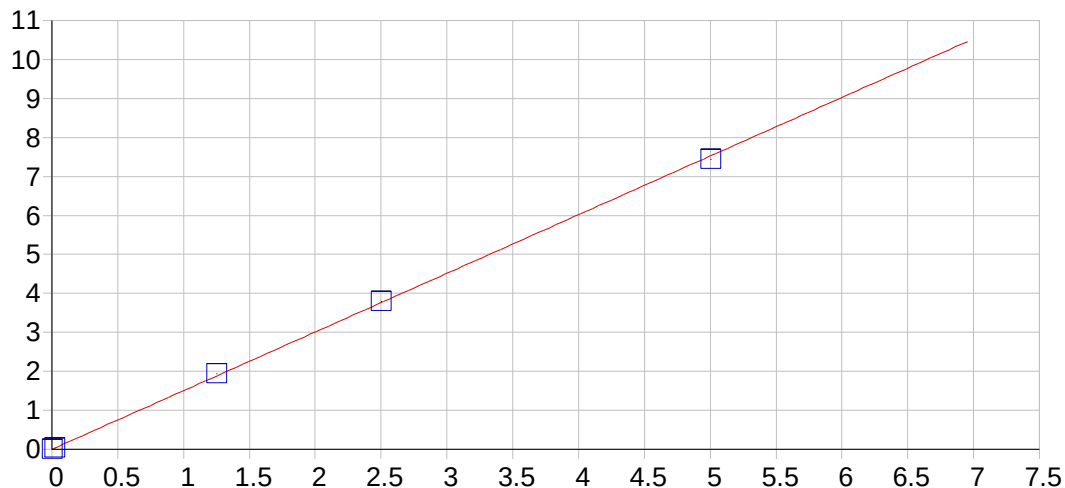
Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006978 Re-Slope: 1.000000
 A1 (Gain): 1.452192 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999999
 Std Error of Est: 0.000128
 Predicted MDL: 0.007293
 Predicted MQL: 0.024309

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00698	.008	1
S1	.10000	.10090	.001	.897	.14025	.011	1
S3	2.5000	2.5016	.002	.066	3.6441	.038	1
S4	5.0000	5.0103	.010	.205	7.3054	.100	1
S5	10.000	9.9872	-.013	-.128	14.569	.315	1



Mn 257.610 {131}

Date of Fit: 1/4/2019 15:15:31

Type of Fit: Linear

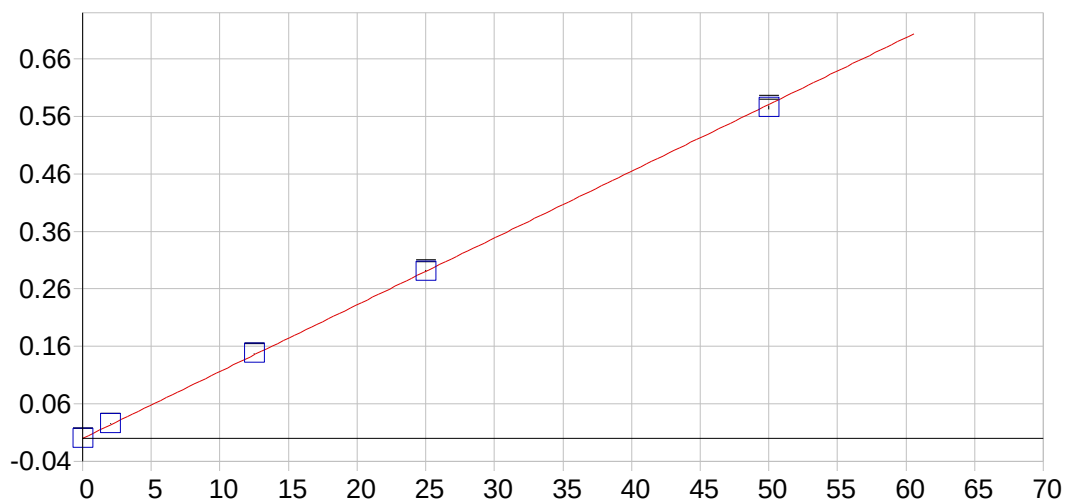
Weighting: 1/Conc

A0 (Offset): 0.000398
 A1 (Gain): 1.504558
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865
 Std Error of Est: 0.000422
 Predicted MDL: 0.000056
 Predicted MQL: 0.000187

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	.00039	.000	1
S1	.02000	.02338	.003	16.9	.03557	.000	1
S3	1.2500	1.2847	.035	2.78	1.9334	.001	1
S4	2.5000	2.5198	.020	.793	3.7916	.006	1
S5	5.0000	4.9420	-.058	-1.16	7.4360	.006	1

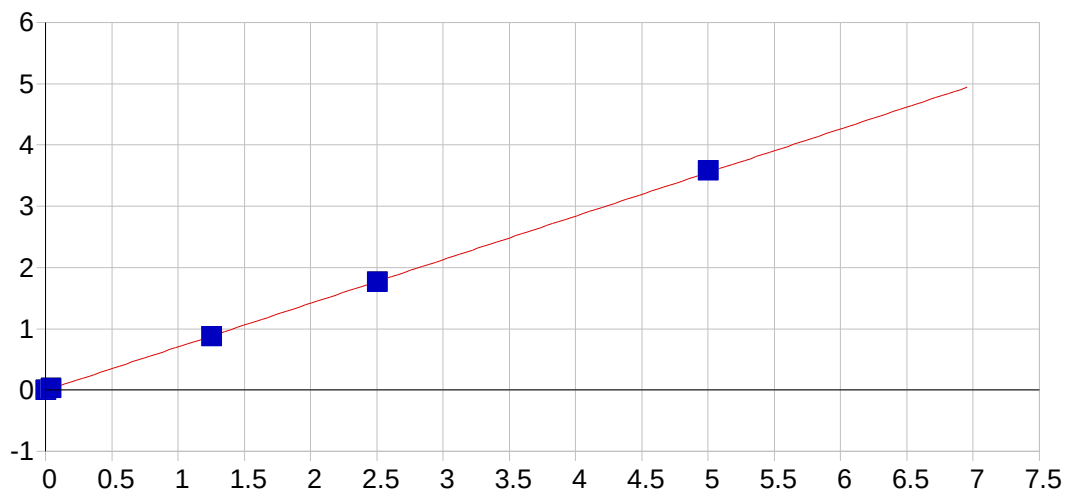


Mg 279.079 {121}

Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000030 Re-Slope: 1.000000
 A1 (Gain): 0.011610 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866 Status: OK.
 Std Error of Est: 0.000104
 Predicted MDL: 0.035910
 Predicted MQL: 0.119701

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1816	.182	9.08	.02536	.000	1
S0	.00000	-.00020	-.000	.000	.00003	.000	1
S3	12.500	12.714	.214	1.71	.14765	.001	1
S4	25.000	25.034	.034	.136	.29068	.001	1
S5	50.000	49.570	-.430	-.859	.57556	.004	1



Ni 231.604 {445}

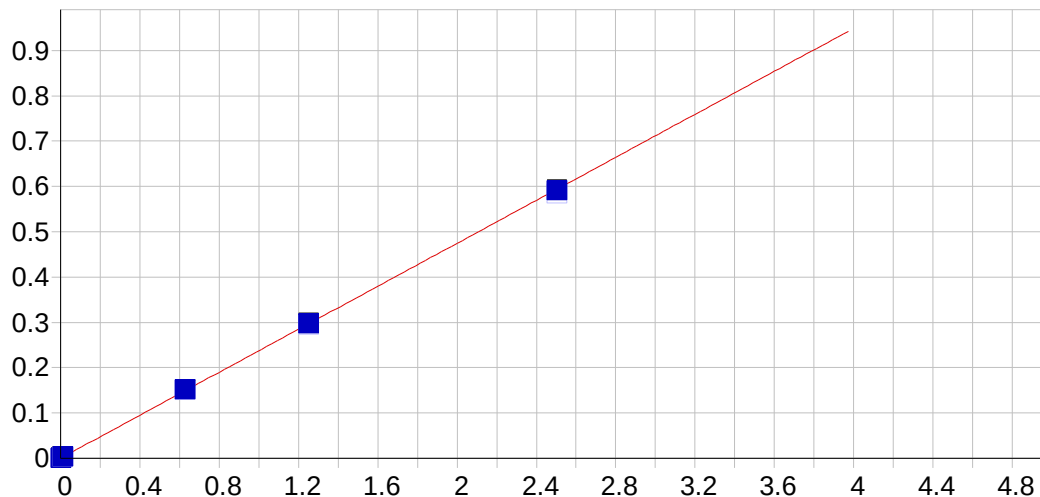
Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007250 Re-Slope: 1.000000
 A1 (Gain): 0.711664 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943
 Std Error of Est: 0.000185
 Predicted MDL: 0.000393
 Predicted MQL: 0.001311

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00725	.000	1
S1	.04000	.04468	.005	11.7	.02456	.000	1
S3	1.2500	1.2356	-.014	-1.15	.87304	.002	1
S4	2.5000	2.4814	-.019	-.744	1.7606	.002	1
S5	5.0000	5.0284	.028	.567	3.5751	.003	1



Ag 328.068 {103}

Date of Fit: 1/4/2019 15:15:31

Type of Fit: Linear

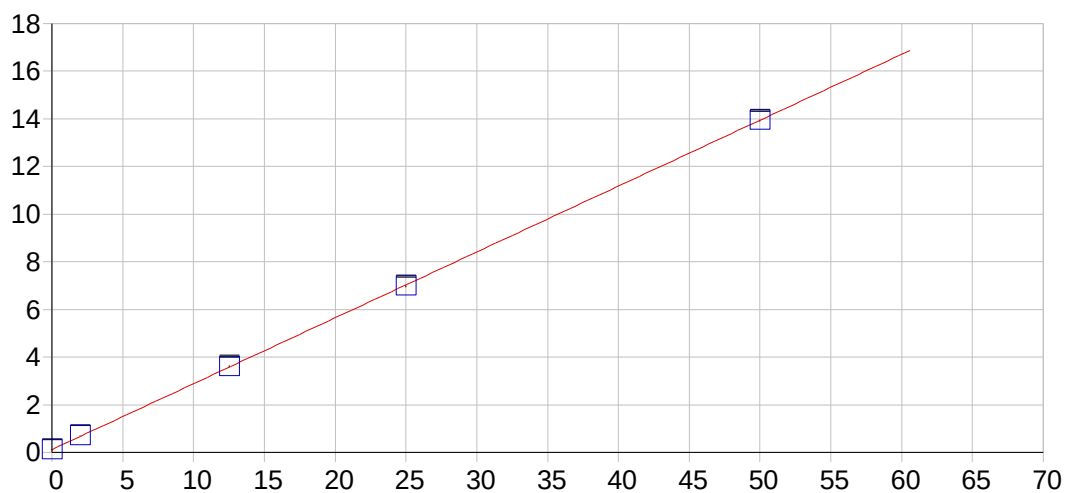
Weighting: 1/Conc

A0 (Offset): 0.000190
 A1 (Gain): 0.237147
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971
 Std Error of Est: 0.000015
 Predicted MDL: 0.000552
 Predicted MQL: 0.001841

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	.00019	.000	1
S1	.01000	.01074	.001	7.45	.00269	.000	1
S3	.62500	.63468	.010	1.55	.14902	.001	1
S4	1.2500	1.2504	.000	.029	.29335	.001	1
S5	2.5000	2.4892	-.011	-.431	.58377	.001	1

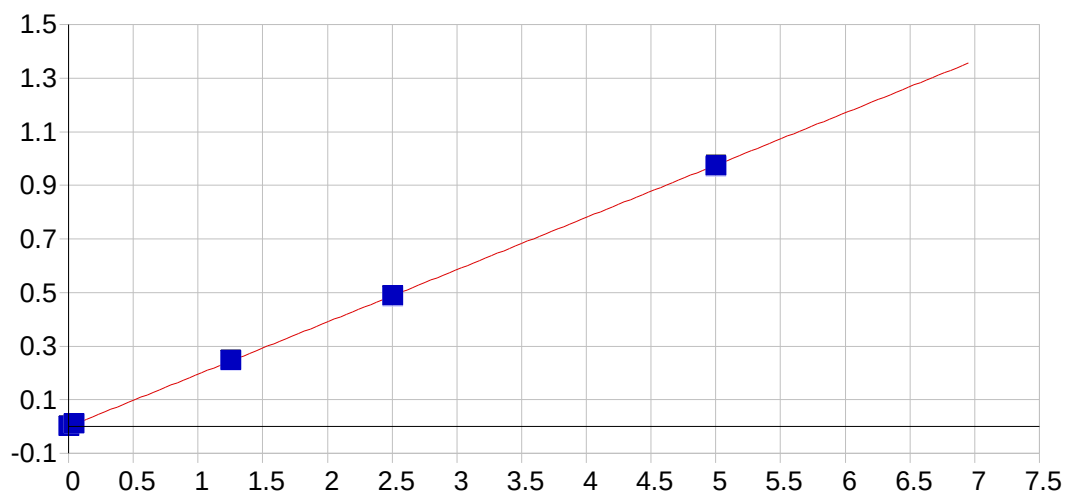


Na 589.592 { 57}

Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.117938 Re-Slope: 1.000000
 A1 (Gain): 0.276546 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.001764
 Predicted MDL: 0.009862
 Predicted MQL: 0.032874

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1325	.133	6.63	.70768	.006	1
S0	.00000	-.00014	-.000	.000	.11790	.004	1
S3	12.500	12.638	.138	1.10	3.6129	.037	1
S4	25.000	24.785	-.215	-.860	6.9721	.044	1
S5	50.000	49.945	-.055	-.111	13.930	.033	1



V 292.402 {115}

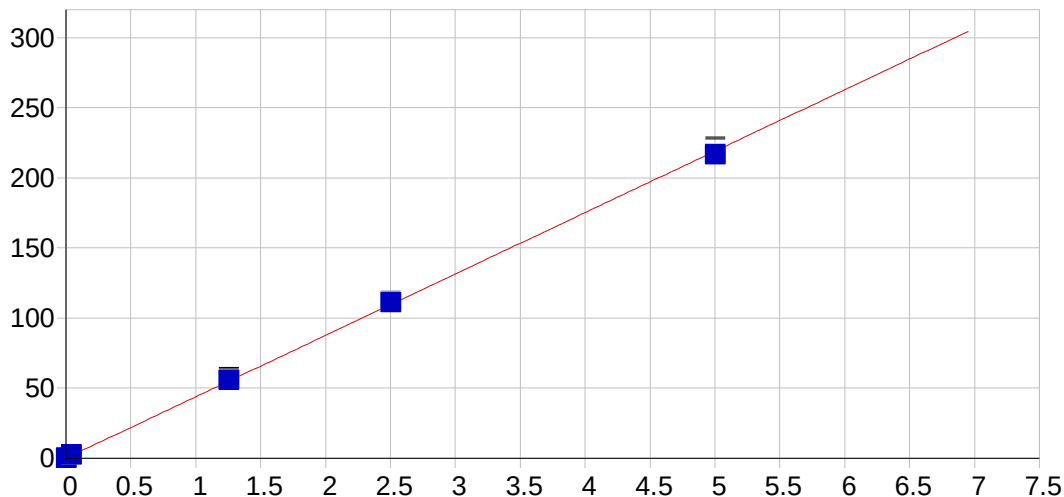
Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000081 Re-Slope: 1.000000
 A1 (Gain): 0.195085 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940
 Std Error of Est: 0.000051
 Predicted MDL: 0.000498
 Predicted MQL: 0.001661

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00008	.000	1
S1	.04000	.04590	.006	14.7	.00875	.000	1
S3	1.2500	1.2622	.012	.972	.24455	.000	1
S4	2.5000	2.4948	-.005	-.207	.48343	.001	1
S5	5.0000	4.9872	-.013	-.257	.96647	.002	1



Zn 206.200 {163}

Date of Fit: 1/4/2019 15:15:31

Type of Fit: Linear

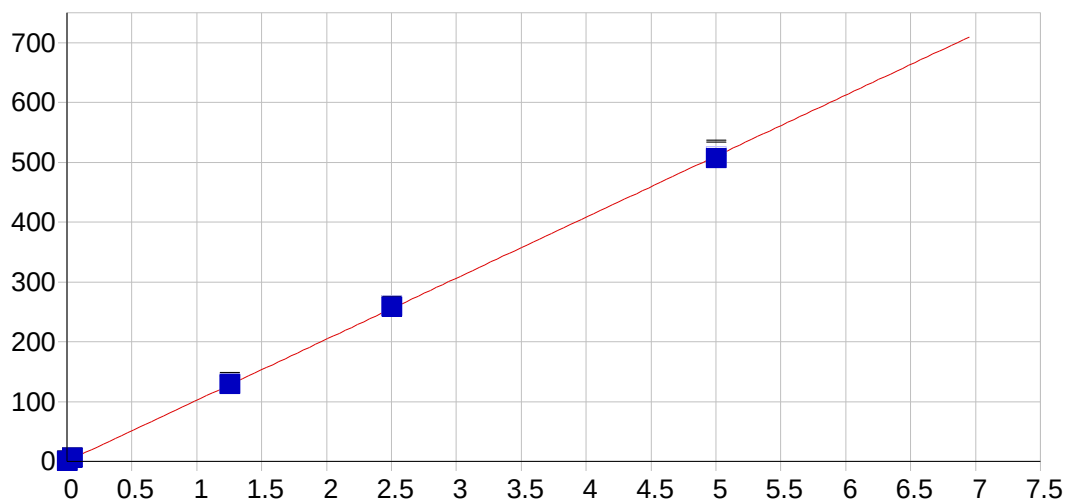
Weighting: 1/Conc

A0 (Offset): 0.081070
 A1 (Gain): 43.801058
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999755
 Std Error of Est: 0.023608
 Predicted MDL: 0.000342
 Predicted MQL: 0.001139

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	.08059	.017	1
S1	.04000	.05021	.010	25.5	2.2919	.087	1
S3	1.2500	1.2719	.022	1.75	56.122	1.48	1
S4	2.5000	2.5346	.035	1.38	111.76	.171	1
S5	5.0000	4.9333	-.067	-1.33	217.49	4.49	1

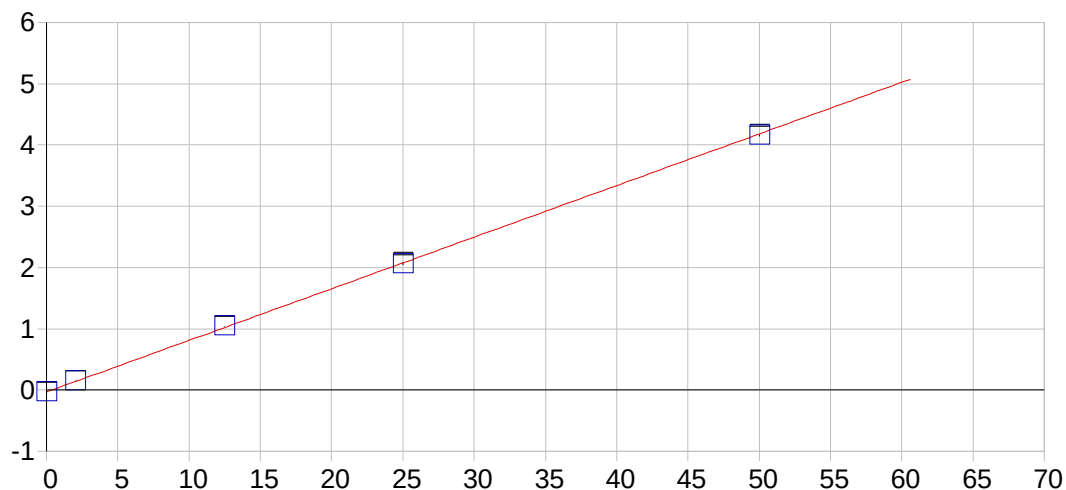


Zn 213.856 {458}

Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.164891 Re-Slope: 1.000000
 A1 (Gain): 102.031860 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999808 Status: OK.
 Std Error of Est: 0.048611
 Predicted MDL: 0.000075
 Predicted MQL: 0.000251

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.16381	.005	1
S1	.04000	.05032	.010	25.8	5.3262	.137	1
S3	1.2500	1.2556	.006	.445	129.04	2.78	1
S4	2.5000	2.5284	.028	1.14	259.69	.552	1
S5	5.0000	4.9557	-.044	-.887	508.89	11.5	1



K 766.490 {44}

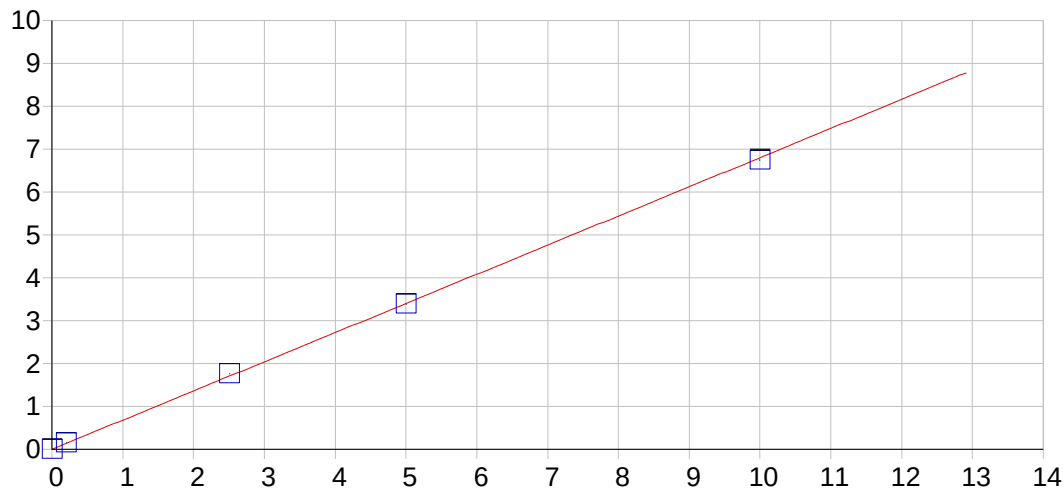
Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.031832 Re-Slope: 1.000000
 A1 (Gain): 0.084250 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891
 Std Error of Est: 0.000680
 Predicted MDL: 0.035343
 Predicted MQL: 0.117811

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1544	.154	7.72	.14968	.004	1
S0	.00000	-.00017	-.000	.000	-.03185	.003	1
S3	12.500	12.759	.259	2.07	1.0431	.004	1
S4	25.000	24.843	-.157	-.629	2.0612	.017	1
S5	50.000	49.744	-.256	-.512	4.1591	.014	1



Mo 202.030 {467}

Date of Fit: 1/4/2019 15:15:31

Type of Fit: Linear

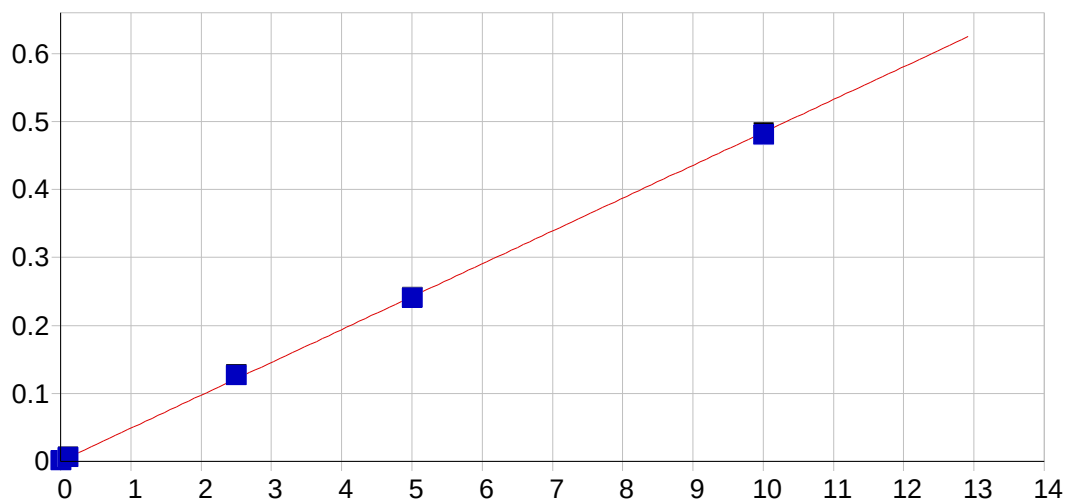
Weighting: 1/Conc

A0 (Offset): 0.000232
 A1 (Gain): 0.680175
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857
 Std Error of Est: 0.000883
 Predicted MDL: 0.000277
 Predicted MQL: 0.000923

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	.00022	.000	1
S1	.20000	.21335	.013	6.68	.14535	.001	1
S3	2.5000	2.5919	.092	3.68	1.7632	.004	1
S4	5.0000	4.9786	-.021	-.427	3.3866	.002	1
S5	10.000	9.9161	-.084	-.839	6.7449	.011	1

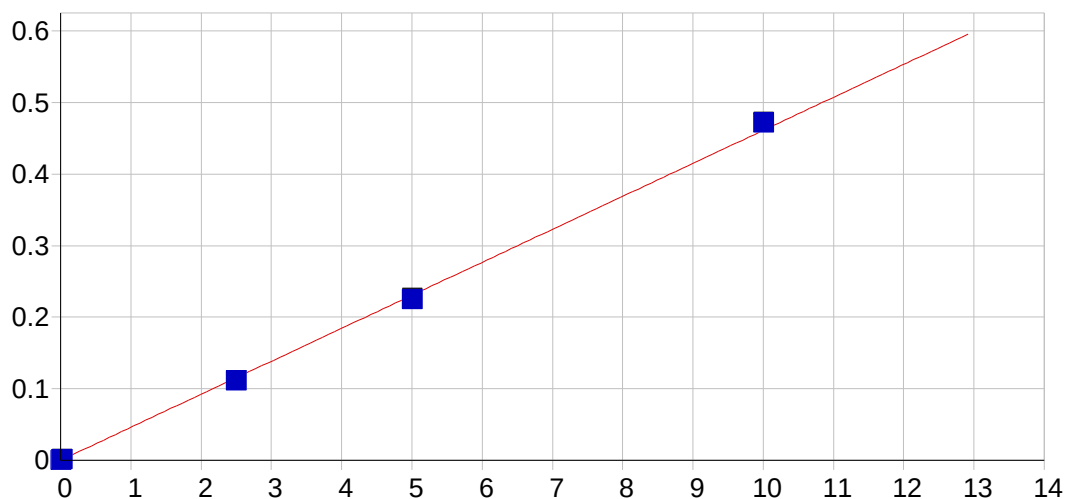


B 249.678 {135}

Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000594 Re-Slope: 1.000000
 A1 (Gain): 0.048331 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999825 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.007338
 Predicted MQL: 0.024461

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00059	.000	1
S1	.10000	.11150	.012	11.5	.00596	.000	1
S3	2.5000	2.5997	.100	3.99	.12596	.001	1
S4	5.0000	4.9610	-.039	-.779	.23980	.001	1
S5	10.000	9.9278	-.072	-.722	.47929	.003	1



S 182.034 {485}

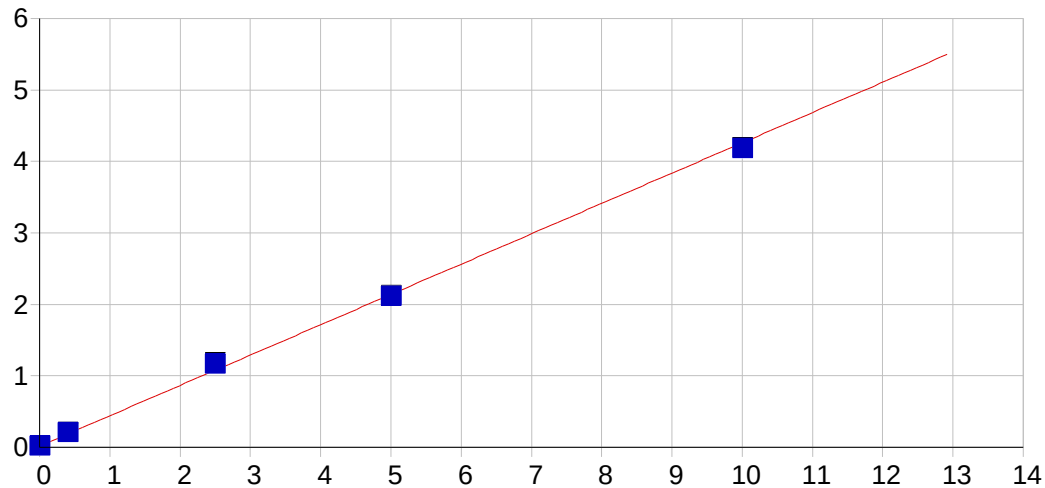
Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000118 Re-Slope: 1.000000
 A1 (Gain): 0.046119 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999651
 Std Error of Est: 0.000029
 Predicted MDL: 0.002752
 Predicted MQL: 0.009174

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.02000	.01751	-.002	-12.4	.00090	.000	1
S3	2.5000	2.4057	-.094	-3.77	.11094	.000	1
S4	5.0000	4.8720	-.128	-2.56	.22455	.001	1
S5	10.000	10.225	.225	2.25	.47115	.001	1



Date of Fit: 1/4/2019 15:15:31

Type of Fit: Linear

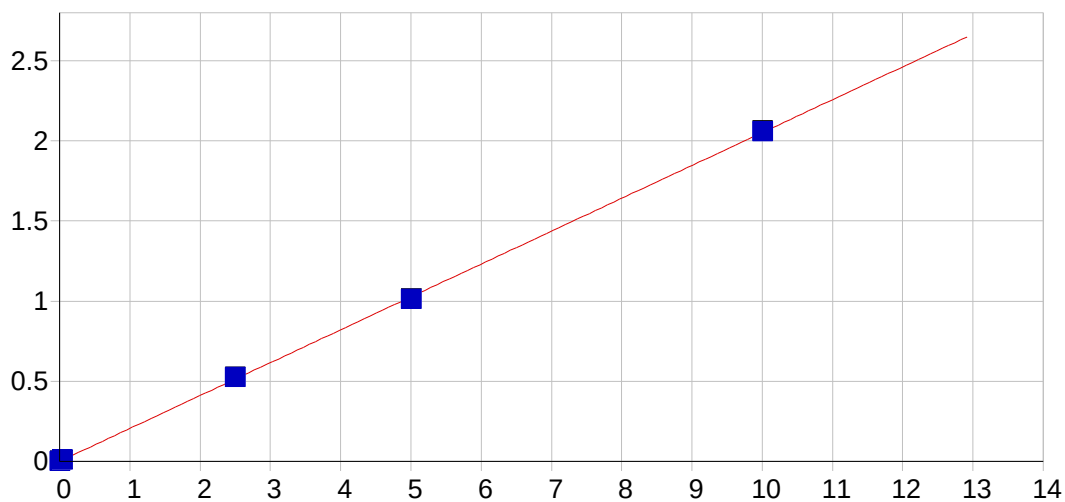
Weighting: 1/Conc

A0 (Offset): 0.017869
 A1 (Gain): 0.424238
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999330
 Std Error of Est: 0.001695
 Predicted MDL: 0.002439
 Predicted MQL: 0.008131

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	-.00005	-.000	.000	.01785	.000	1
S1	.40000	.43345	.033	8.36	.20161	.003	1
S3	2.5000	2.7065	.206	8.26	1.1655	.013	1
S4	5.0000	4.9497	-.050	-1.01	2.1166	.003	1
S5	10.000	9.8103	-.190	-1.90	4.1775	.013	1

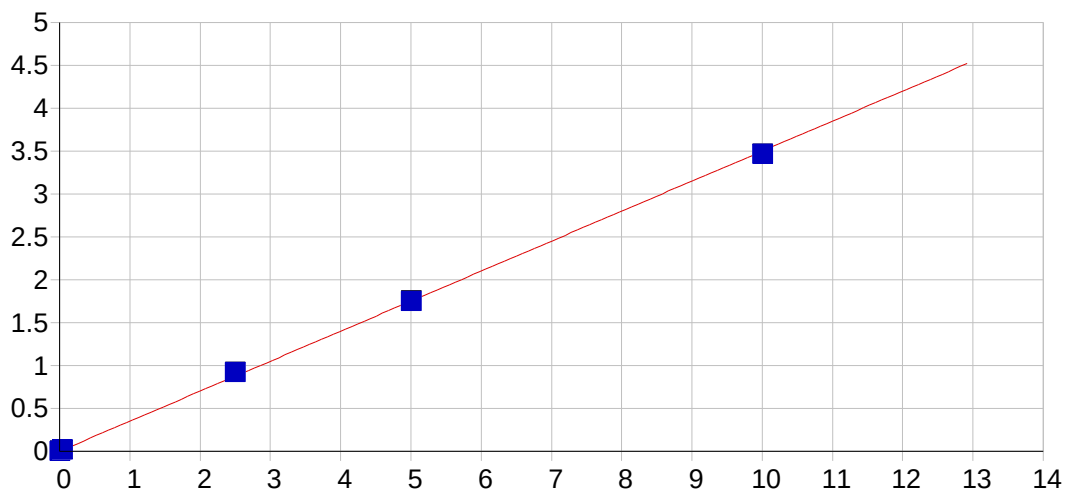


Sn 189.989 {477}

Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000672 Re-Slope: 1.000000
 A1 (Gain): 0.205148 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.000635
 Predicted MQL: 0.002118

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00067	.000	1
S1	.04000	.04280	.003	7.01	.00945	.000	1
S3	2.5000	2.5438	.044	1.75	.52261	.001	1
S4	5.0000	4.9267	-.073	-1.47	1.0115	.002	1
S5	10.000	10.027	.027	.268	2.0580	.002	1



Ti 336.121 {100}

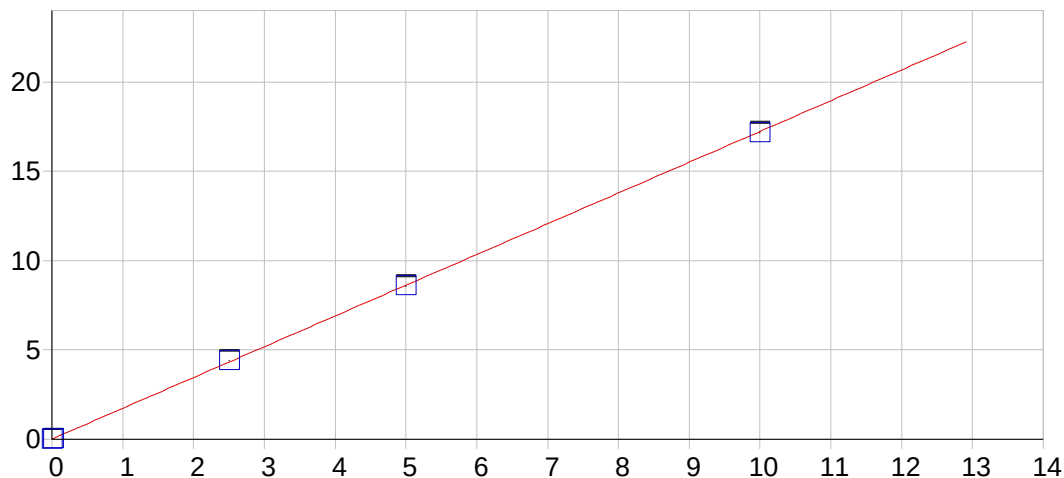
Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001465 Re-Slope: 1.000000
 A1 (Gain): 0.349887 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999788
 Std Error of Est: 0.000246
 Predicted MDL: 0.001798
 Predicted MQL: 0.005993

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00146	.000	1
S1	.04000	.04552	.006	13.8	.01738	.001	1
S3	2.5000	2.6165	.116	4.66	.91682	.003	1
S4	5.0000	4.9888	-.011	-.225	1.7467	.009	1
S5	10.000	9.8893	-.111	-1.11	3.4611	.004	1



Li 670.784 { 50}

Date of Fit: 1/4/2019 15:15:31

Type of Fit: Linear

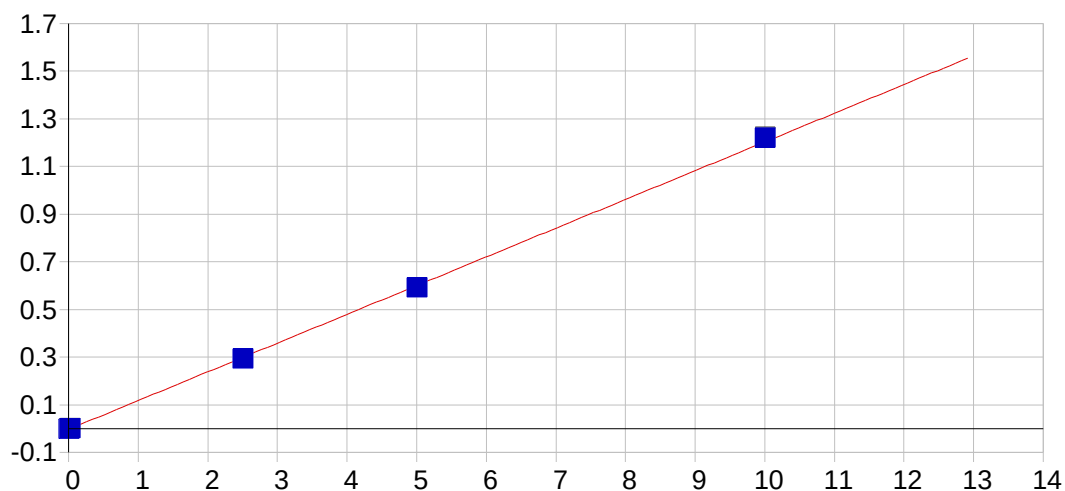
Weighting: 1/Conc

A0 (Offset): 0.014250
 A1 (Gain): 1.721746
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952
 Std Error of Est: 0.000407
 Predicted MDL: 0.001652
 Predicted MQL: 0.005508

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	.01425	.003	1
S1	.02000	.02152	.002	7.62	.05131	.001	1
S3	2.5000	2.5575	.058	2.30	4.4177	.039	1
S4	5.0000	4.9753	-.025	-.495	8.5804	.069	1
S5	10.000	9.9657	-.034	-.343	17.173	.067	1

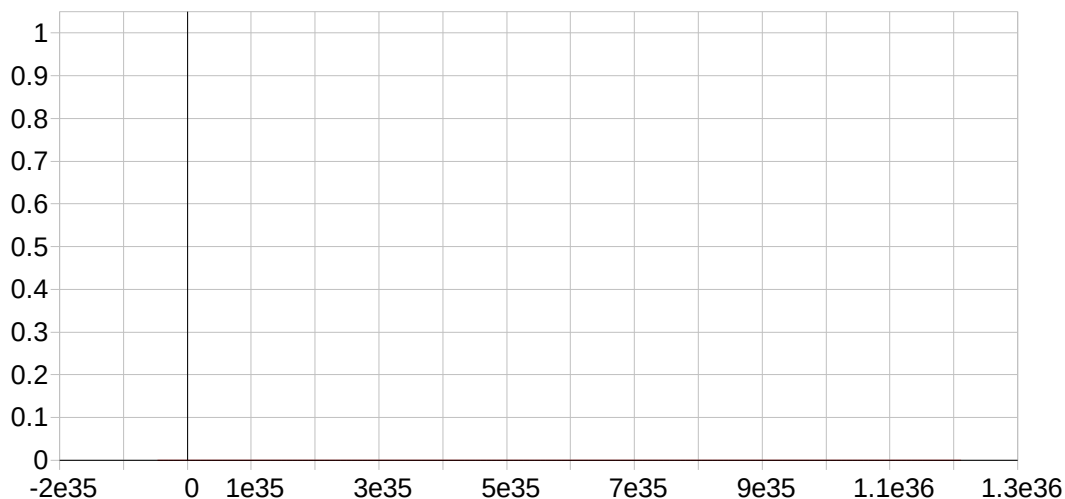


P 177.495 {490}

Date of Fit: 1/4/2019 15:15:31 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003175 Re-Slope: 1.000000
 A1 (Gain): 0.120631 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999859 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.001202
 Predicted MQL: 0.004008

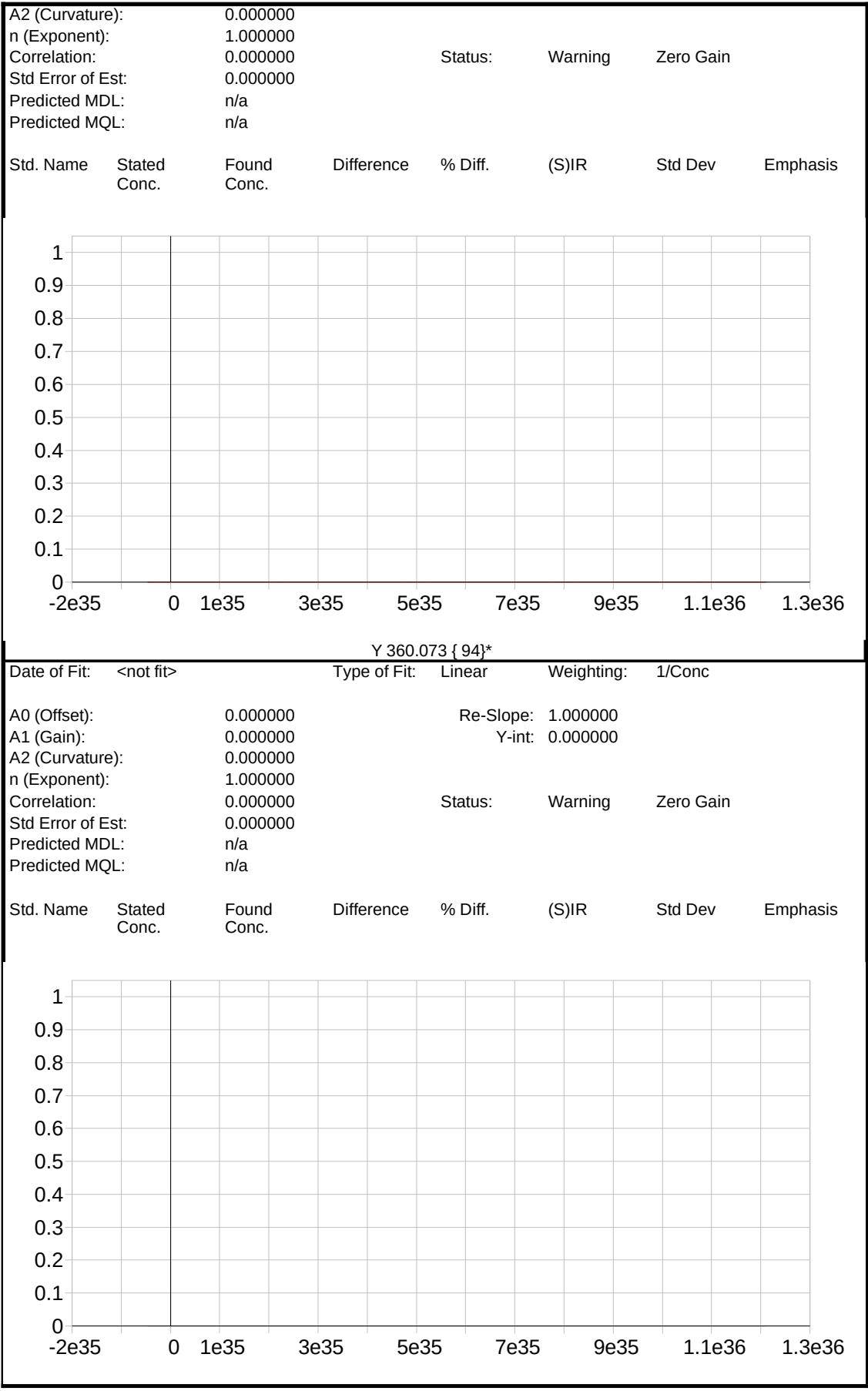
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00317	.000	1
S1	.02000	.01852	-.001	-7.40	-.00095	.000	1
S3	2.5000	2.4400	-.060	-2.40	.29072	.000	1
S4	5.0000	4.9185	-.082	-1.63	.58927	.002	1
S5	10.000	10.143	.143	1.43	1.2186	.002	1

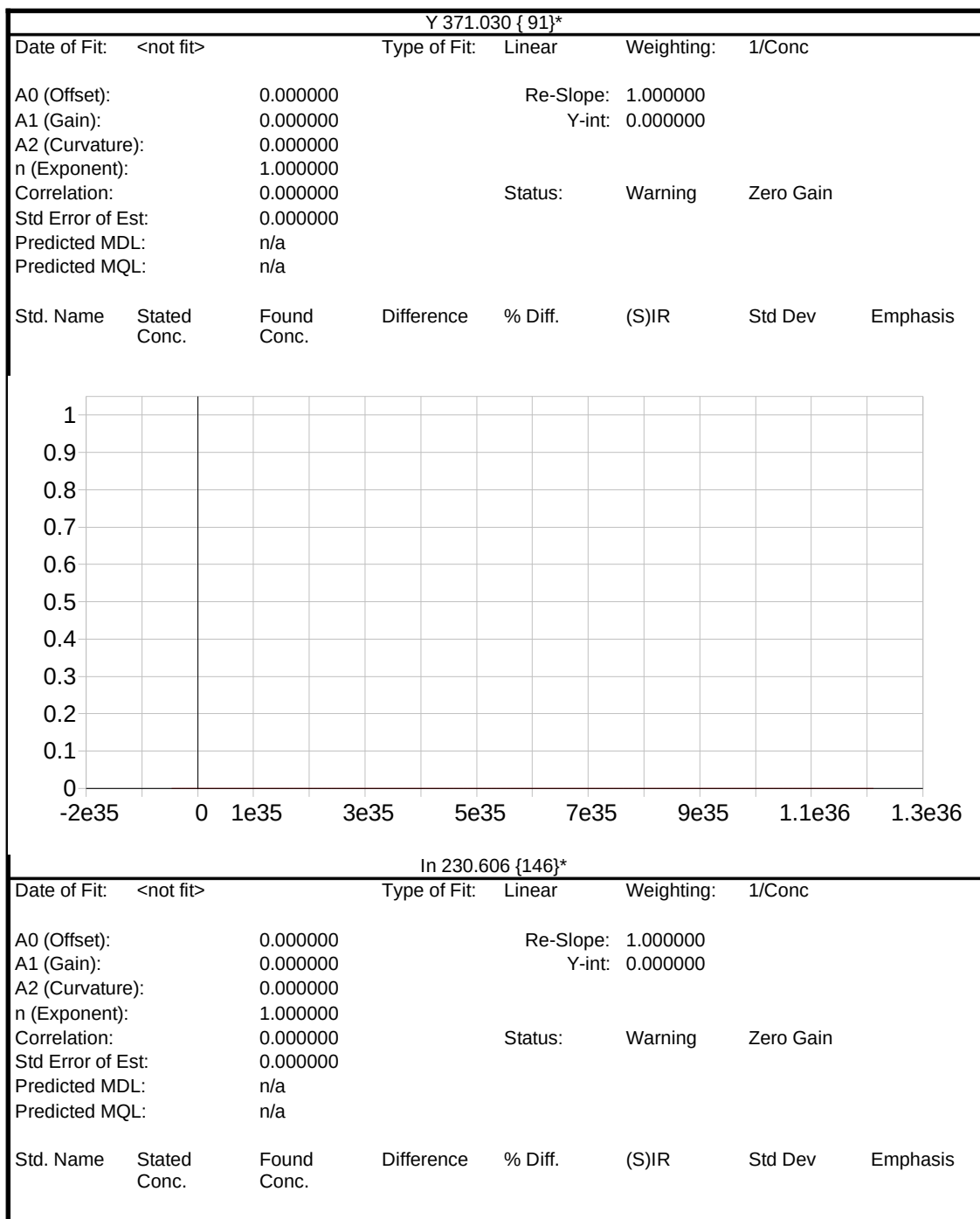


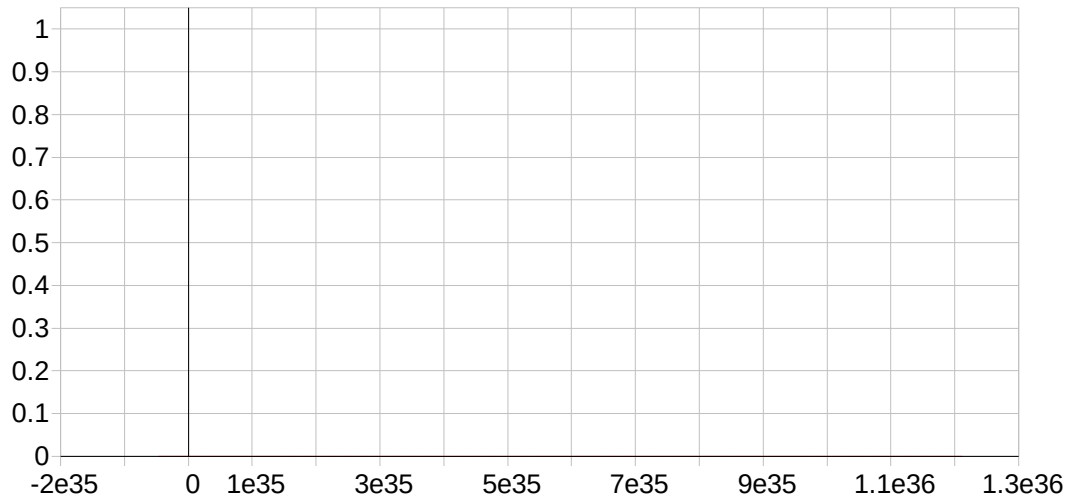
Y 224.306 {450}*

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

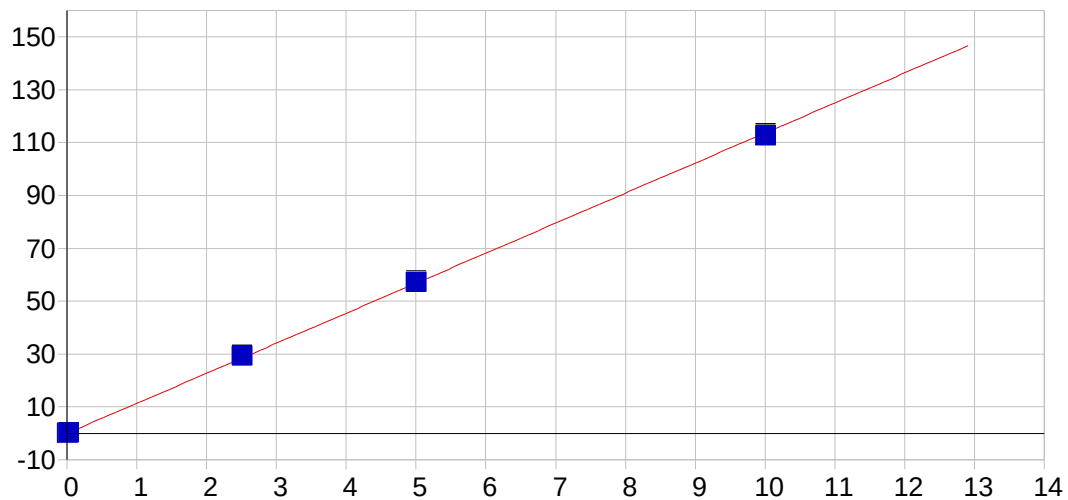
Status: Warning Zero Gain

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



Sr 407.771 { 83}

Date of Fit: 1/4/2019 15:15:31

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006110

Re-Slope: 1.000000

A1 (Gain): 11.364081

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999901

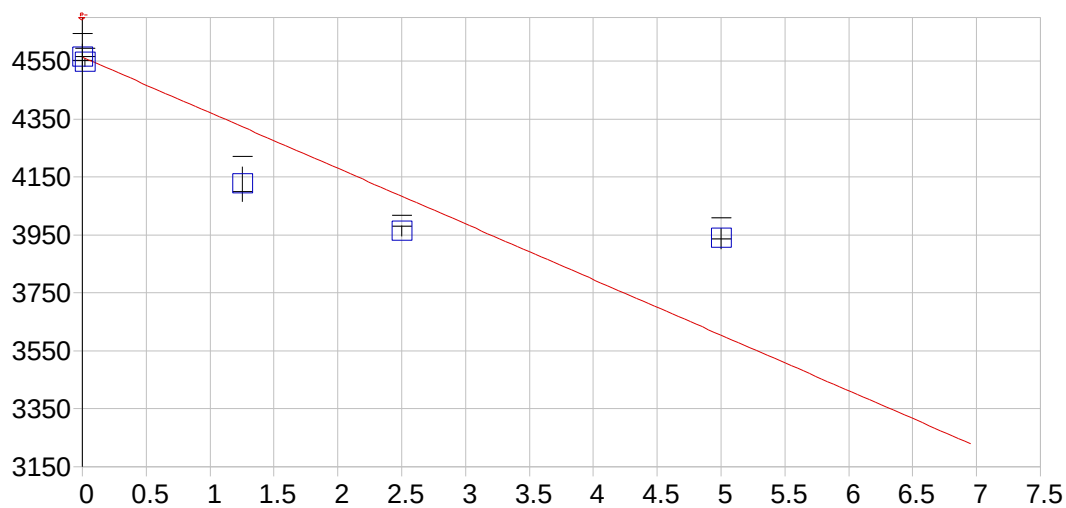
Status: OK.

Std Error of Est: 0.003867

Predicted MDL: 0.000100

Predicted MQL: 0.000333

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00613	.001	1
S1	.02000	.02135	.001	6.73	.23772	.002	1
S3	2.5000	2.5723	.072	2.89	29.257	.230	1
S4	5.0000	5.0312	.031	.624	57.231	.379	1
S5	10.000	9.8951	-.105	-1.05	112.57	.700	1



Date of Fit: 1/4/2019 15:15:31

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 4563.138954

Re-Slope: 1.000000

A1 (Gain): -191.762358

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.907000

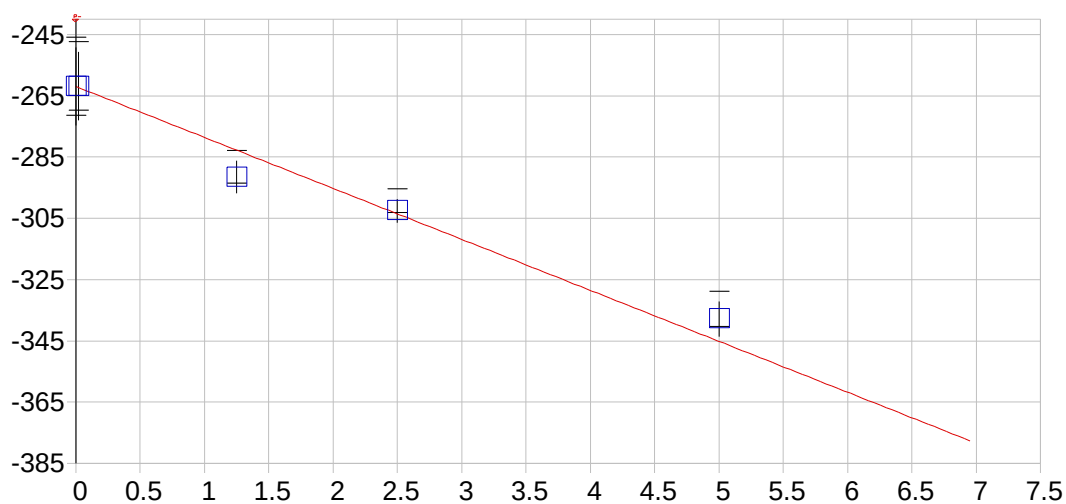
Status: Warning Negative Gain

Std Error of Est: 1.521528

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	-.000	.000	4563.2	46.1	1
S1	.02000	.09404	.074	370.	4545.1	14.7	1
S3	1.2500	2.2845	1.03	82.8	4125.0	61.0	1
S4	2.5000	3.1271	.627	25.1	3963.5	19.2	1
S5	5.0000	3.2643	-1.74	-34.7	3937.2	36.0	1



U 385.958 { 87}

Date of Fit: 1/4/2019 15:15:31

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -261.955885

Re-Slope: 1.000000

A1 (Gain): -16.637051

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.983306

Status: Warning Negative Gain

Std Error of Est: 0.052610

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-261.96	12.7	1
S1	.02000	-.00708	-.027	-135.	-261.84	11.2	1
S3	1.2500	1.7782	.528	42.3	-291.54	5.38	1
S4	2.5000	2.4406	-.059	-2.37	-302.56	3.93	1
S5	5.0000	4.5583	-.442	-8.83	-337.79	5.74	1

Sample Name: S0 Acquired: 1/4/2019 11:35:50 Type: Cal
Method: P4-ICP2(v2700) 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	-.00012	-.00127	.00311	-.00021	.00069	-.00004	.11574	-.00004
Stddev	.00002	.00015	.00020	.00010	.00016	.00001	.00283	.00000
%RSD	19.098	11.568	6.3167	46.919	23.242	34.021	2.4464	10.413

#1	-.00009	-.00112	.00304	-.00010	.00073	-.00006	.11332	-.00004
#2	-.00013	-.00128	.00296	-.00028	.00083	-.00003	.11885	-.00004
#3	-.00014	-.00141	.00333	-.00025	.00051	-.00004	.11504	-.00003

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	-.00141	.00034	.00002	-.00015	-.00079	-.00698	.00039	.00003
Stddev	.00034	.00038	.00009	.00019	.00013	.00817	.00004	.00024
%RSD	24.030	111.40	522.11	126.98	16.229	117.04	10.182	889.03

#1	-.00138	.00068	-.00005	.00007	-.00084	-.00298	.00035	-.00023
#2	-.00177	-.00007	.00012	-.00024	-.00064	-.00158	.00040	.00025
#3	-.00110	.00041	-.00002	-.00028	-.00088	-.01638	.00043	.00007

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	-.00725	.00019	.11790	-.00008	.16381	-.03185	.00022	.00059
Stddev	.00019	.00017	.00445	.00007	.00506	.00339	.00012	.00009
%RSD	2.6623	87.198	3.7770	80.968	3.0876	10.636	56.206	14.538

#1	-.00747	.00008	.12303	-.00009	.15807	-.03062	.00008	.00069
#2	-.00719	.00011	.11504	-.00001	.16576	-.02924	.00025	.00052
#3	-.00710	.00038	.11563	-.00014	.16760	-.03568	.00032	.00057

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	.00012	.01785	.00067	.00146	.01425	-.0032	-.00613	4563.2
Stddev	.00003	.00025	.00006	.00027	.00318	.0000	.00050	46.1
%RSD	26.340	1.3734	8.5499	18.216	22.326	1.498	8.2354	1.0113

#1	.00015	.01759	.00071	.00128	.01149	-.0032	-.00561	4546.1
#2	.00011	.01808	.00070	.00177	.01773	-.0032	-.00618	4528.0
#3	.00009	.01787	.00061	.00134	.01352	-.0031	-.00661	4615.4

Sample Name: S0 Acquired: 1/4/2019 11:35:50 Type: Cal
 Method: P4-ICP2(v2700) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-261.96
Stddev	12.66
%RSD	4.8331

#1	-255.48
#2	-253.84
#3	-276.54

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3760.3	48203.	4311.5	98.269	3971.5
Stddev	7.7	128.	26.3	1.917	10.5
%RSD	.20371	.26618	.60966	1.9510	.26506

#1	3752.1	48245.	4281.8	97.725	3959.7
#2	3761.6	48060.	4321.0	100.40	3980.1
#3	3767.3	48306.	4331.6	96.683	3974.6

Sample Name: S1 Acquired: 1/4/2019 11:39:57 Type: Cal
Method: P4-ICP2(v2700) 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	.00119	.00680	.00703	.00159	.00906	.00094	.65608	.00727
Stddev	.00011	.00017	.00019	.00011	.00015	.00006	.00625	.00012
%RSD	8.9129	2.4901	2.6334	7.1720	1.6643	6.8588	.95207	1.6322
#1	.00111	.00693	.00722	.00153	.00912	.00092	.66328	.00717
#2	.00115	.00685	.00703	.00151	.00916	.00102	.65207	.00723
#3	.00131	.00661	.00685	.00172	.00888	.00089	.65289	.00740
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	.02086	.00263	.04094	.01513	.14025	.03557	.02456	.00269
Stddev	.00035	.00005	.00032	.00031	.01062	.00041	.00033	.00006
%RSD	1.6858	1.8558	.78560	2.0467	7.5709	1.1593	1.3262	2.0505
#1	.02082	.00266	.04116	.01514	.14508	.03601	.02493	.00273
#2	.02053	.00266	.04110	.01481	.14760	.03520	.02441	.00263
#3	.02123	.00257	.04057	.01543	.12808	.03550	.02433	.00271
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	.00875	5.3262	.14535	.00596	.00090	.20161	.00945	.01738
Stddev	.00013	.1369	.00081	.00003	.00014	.00270	.00002	.00090
%RSD	1.4581	2.5707	.55947	.42958	15.388	1.3376	.22490	5.1947
#1	.00887	5.4485	.14614	.00596	.00092	.20460	.00946	.01751
#2	.00877	5.3519	.14451	.00599	.00075	.20090	.00943	.01821
#3	.00861	5.1783	.14540	.00594	.00103	.19935	.00947	.01642
Elem	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.05131	-.0009	.23772	4545.1	-261.84			
Stddev	.00091	.0000	.00179	14.7	11.17			
%RSD	1.7661	3.774	.75189	.32297	4.2654			
#1	.05027	-.0010	.23791	4561.8	-270.87			
#2	.05176	-.0009	.23584	4539.4	-249.35			
#3	.05191	-.0010	.23939	4534.1	-265.29			

Sample Name: S1 Acquired: 1/4/2019 11:39:57 Type: Cal
Method: P4-ICP2(v2700) 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	3745.2	48166.	4275.8	99.247	3948.5
Stddev	10.9	173.	48.0	2.632	10.0
%RSD	.29230	.36001	1.1231	2.6518	.25388
#1	3732.7	47979.	4226.0	97.017	3938.5
#2	3750.4	48322.	4279.7	98.575	3948.4
#3	3752.6	48197.	4321.8	102.15	3958.5

Sample Name: S2 Acquired: 1/4/2019 11:44:02 Type: Cal
Method: P4-ICP2(v2700) 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	.10999	.02536	.70768	.14968
Stddev	.00053	.00025	.00589	.00425
%RSD	.48009	.98729	.83230	2.8409

#1	.10954	.02520	.71317	.15252
#2	.11057	.02565	.70146	.14479
#3	.10985	.02523	.70841	.15173

Int. Std.	Y_3710
Units	Cts/S
Avg	4333.5
Stddev	14.3
%RSD	.33097

#1	4325.2
#2	4325.3
#3	4350.1

Sample Name: S3 Acquired: 1/4/2019 11:47:56 Type: Cal
Method: P4-ICP2(v2700) 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	.16268	.44058	.78282	.19487	.38301	.04143	24.332	.14359
Stddev	.00042	.00126	.00393	.00045	.00041	.00027	.230	.00008
%RSD	.25742	.28640	.50235	.23147	.10760	.65637	.94320	.05628
#1	.16258	.44171	.78592	.19501	.38343	.04117	24.429	.14350
#2	.16231	.43922	.77840	.19437	.38300	.04171	24.070	.14361
#3	.16313	.44082	.78416	.19524	.38260	.04140	24.497	.14365
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	4.5022	.63170	.12066	1.5124	.45751	3.6441	1.9334	.14765
Stddev	.0212	.00253	.00072	.0058	.00024	.0379	.0015	.00074
%RSD	.47063	.40007	.60005	.38502	.05237	1.0387	.07557	.49966
#1	4.5185	.62942	.12142	1.5148	.45777	3.6536	1.9347	.14800
#2	4.4782	.63126	.11998	1.5057	.45729	3.6025	1.9318	.14680
#3	4.5098	.63442	.12060	1.5166	.45746	3.6764	1.9337	.14814
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	.87304	.14902	3.6129	.24455	129.04	1.0431	1.7632	.12596
Stddev	.00182	.00080	.0369	.00049	2.78	.0036	.0035	.00107
%RSD	.20886	.53912	1.0229	.19890	2.1538	.34799	.19900	.84872
#1	.87218	.14993	3.6286	.24472	131.66	1.0452	1.7599	.12544
#2	.87180	.14843	3.5707	.24493	126.13	1.0389	1.7627	.12525
#3	.87513	.14870	3.6394	.24400	129.35	1.0451	1.7669	.12719
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	.11094	1.1655	.52261	.91682	4.4177	.2907	29.257	4125.0
Stddev	.00008	.0126	.00065	.00272	.0395	.0003	.230	61.0
%RSD	.07034	1.0838	.12532	.29685	.89320	.1097	.78450	1.4781
#1	.11090	1.1771	.52270	.91778	4.4305	.2904	29.398	4103.1
#2	.11089	1.1521	.52191	.91375	4.3734	.2911	28.992	4194.0
#3	.11103	1.1673	.52321	.91894	4.4492	.2907	29.382	4078.1

Sample Name: S3 Acquired: 1/4/2019 11:47:56 Type: Cal
 Method: P4-ICP2(v2700) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-291.54
Stddev	5.38
%RSD	1.8460

#1	-291.73
#2	-286.06
#3	-296.82

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3687.9	46661.	4311.9	96.811	3751.9
Stddev	2.7	137.	47.1	2.063	15.3
%RSD	.07312	.29414	1.0924	2.1307	.40659

#1	3690.7	46558.	4270.3	94.894	3743.1
#2	3687.5	46817.	4363.0	98.994	3769.5
#3	3685.4	46607.	4302.2	96.545	3743.0

Sample Name: S4 Acquired: 1/4/2019 11:51:36 Type: Cal
Method: P4-ICP2(v2700) 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	.32566	.88497	1.5735	.38658	.75463	.08291	47.912	.28270
Stddev	.00055	.00036	.0010	.00098	.00086	.00030	.389	.00093
%RSD	.16951	.04043	.06196	.25266	.11368	.35785	.81203	.32811

#1	.32624	.88494	1.5742	.38766	.75561	.08292	48.028	.28219
#2	.32558	.88534	1.5739	.38632	.75401	.08260	47.478	.28377
#3	.32515	.88463	1.5724	.38576	.75427	.08319	48.230	.28213

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	9.1190	1.2378	.23802	3.0607	.89909	7.3054	3.7916	.29068
Stddev	.0101	.0118	.00080	.0019	.00219	.1002	.0059	.00150
%RSD	.11056	.95245	.33722	.06236	.24383	1.3720	.15617	.51542

#1	9.1263	1.2368	.23828	3.0597	.90160	7.1905	3.7973	.28963
#2	9.1231	1.2265	.23866	3.0629	.89757	7.3507	3.7921	.29002
#3	9.1075	1.2501	.23712	3.0595	.89809	7.3750	3.7855	.29240

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	1.7606	.29335	6.9721	.48343	259.69	2.0612	3.3866	.23980
Stddev	.0021	.00149	.0438	.00147	.55	.0166	.0025	.00054
%RSD	.12098	.50841	.62778	.30421	.21270	.80553	.07312	.22707

#1	1.7597	.29397	6.9920	.48502	259.57	2.0675	3.3891	.23991
#2	1.7630	.29443	6.9219	.48316	259.21	2.0423	3.3865	.24029
#3	1.7591	.29165	7.0024	.48212	260.29	2.0736	3.3841	.23921

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	.22455	2.1166	1.0115	1.7467	8.5804	.5893	57.231	3963.5
Stddev	.00114	.0032	.0023	.0086	.0688	.0016	.379	19.2
%RSD	.50923	.15346	.22350	.49084	.80182	.2685	.66159	.48455

#1	.22344	2.1202	1.0101	1.7374	8.6072	.5879	57.368	3966.3
#2	.22572	2.1140	1.0141	1.7485	8.5022	.5910	56.803	3943.0
#3	.22449	2.1156	1.0104	1.7543	8.6318	.5889	57.523	3981.1

Sample Name: S4 Acquired: 1/4/2019 11:51:36 Type: Cal
 Method: P4-ICP2(v2700) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-302.56
Stddev	3.93
%RSD	1.2995

#1	-306.36
#2	-298.51
#3	-302.80

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3627.3	45802.	4308.0	93.299	3575.8
Stddev	.6	158.	21.2	.244	4.2
%RSD	.01685	.34584	.49107	.26134	.11685

#1	3627.6	45632.	4287.0	93.443	3578.4
#2	3626.6	45829.	4329.3	93.438	3570.9
#3	3627.7	45946.	4307.6	93.018	3577.9

Sample Name: S5 Acquired: 1/4/2019 11:55:18 Type: Cal
 Method: P4-ICP2(v2700) 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	.65357	1.7678	3.1886	.77042	1.5110	.16753	94.301	.56239
Stddev	.00128	.0037	.0060	.00105	.0013	.00035	.082	.00179
%RSD	.19539	.20783	.18724	.13572	.08518	.21102	.08667	.31893
#1	.65317	1.7695	3.1833	.77142	1.5114	.16713	94.344	.56404
#2	.65255	1.7636	3.1873	.76933	1.5096	.16777	94.206	.56265
#3	.65501	1.7704	3.1951	.77052	1.5120	.16770	94.352	.56048
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	18.551	2.4494	.46755	6.2625	1.7653	14.569	7.4360	.57556
Stddev	.016	.0081	.00088	.0088	.0022	.315	.0062	.00352
%RSD	.08742	.33097	.18822	.14069	.12649	2.1645	.08350	.61196
#1	18.534	2.4513	.46801	6.2527	1.7629	14.846	7.4358	.57361
#2	18.555	2.4405	.46811	6.2649	1.7656	14.637	7.4423	.57344
#3	18.566	2.4563	.46654	6.2698	1.7673	14.226	7.4299	.57963
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	3.5751	.58377	13.930	.96647	508.89	4.1591	6.7449	.47929
Stddev	.0027	.00097	.033	.00209	11.45	.0139	.0109	.00269
%RSD	.07473	.16573	.23426	.21640	2.2505	.33456	.16203	.56151
#1	3.5721	.58423	13.947	.96766	520.15	4.1747	6.7351	.47788
#2	3.5766	.58443	13.892	.96769	509.25	4.1479	6.7431	.47759
#3	3.5767	.58266	13.950	.96405	497.26	4.1548	6.7567	.48239
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	.47115	4.1775	2.0580	3.4611	17.173	1.219	112.57	3937.2
Stddev	.00053	.0134	.0022	.0042	.067	.002	.70	36.0
%RSD	.11257	.31966	.10921	.12063	.39181	.1564	.62191	.91387
#1	.47054	4.1895	2.0560	3.4629	17.243	1.221	113.35	3923.1
#2	.47146	4.1631	2.0576	3.4564	17.110	1.217	112.35	3910.3
#3	.47146	4.1799	2.0604	3.4642	17.165	1.218	112.00	3978.1

Sample Name: S5 Acquired: 1/4/2019 11:55:18 Type: Cal
Method: P4-ICP2(v2700) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-337.79
Stddev	5.74
%RSD	1.6996

#1	-338.78
#2	-342.98
#3	-331.62

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3543.4	45124.	4283.8	92.029	3380.1
Stddev	10.9	60.	22.8	1.917	9.2
%RSD	.30901	.13290	.53158	2.0828	.27122

#1	3555.7	45071.	4268.1	90.192	3390.7
#2	3539.9	45111.	4310.0	91.878	3375.5
#3	3534.6	45189.	4273.5	94.016	3374.2

Sample Name: ICV01 Acquired: 1/4/2019 12:10:05 Type: Unk
Method: P4-ICP2(v2700) 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	1.0024	1.0237	.98824	1.0024	.97018	2.5222	.51102	.49057
Stddev	.0037	.0024	.00356	.0034	.00222	.0107	.00505	.00124
%RSD	.37428	.23159	.36049	.33403	.22833	.42270	.98760	.25259
#1	1.0000	1.0259	.99235	1.0047	.97269	2.5317	.51206	.49187
#2	1.0006	1.0240	.98629	.99856	.96935	2.5244	.51546	.48940
#3	1.0068	1.0211	.98607	1.0039	.96849	2.5107	.50553	.49044
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48023	10.284	.50600	.49339	.50833	4.9423	.51760	6.1503
Stddev	.00350	.021	.00236	.00348	.00187	.0572	.00051	.0982
%RSD	.72864	.20554	.46675	.70617	.36715	1.1582	.09834	1.5966
#1	.48409	10.290	.50871	.49739	.50767	4.9469	.51808	6.1458
#2	.47933	10.302	.50436	.49100	.50689	4.9971	.51766	6.0545
#3	.47727	10.261	.50494	.49178	.51044	4.8828	.51707	6.2507
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49388	.49596	9.9354	.50356	.97720	10.243	2.4722	2.4807
Stddev	.00199	.00098	.0776	.00157	.02147	.067	.0138	.0192
%RSD	.40311	.19709	.78116	.31224	2.1970	.64951	.55656	.77521
#1	.49614	.49691	9.9452	.50506	.98611	10.236	2.4879	2.4943
#2	.49309	.49600	10.008	.50370	.99277	10.313	2.4664	2.4891
#3	.49240	.49496	9.8534	.50192	.95271	10.181	2.4623	2.4587
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.3709	2.4091	F 2.3679	2.5054	F .00024	F .0009	F .00630	F 1.8075
Stddev	.0180	.0209	.0170	.0128	.00164	.0005	.00007	.1248
%RSD	.76102	.86768	.71823	.51234	680.20	62.81	1.1159	6.9021
#1	2.3916	2.4212	2.3875	2.5069	-.00064	.0003	.00635	1.9480
#2	2.3621	2.4211	2.3589	2.5175	.00213	.0008	.00622	1.7098
#3	2.3589	2.3849	2.3573	2.4919	-.00077	.0014	.00633	1.7648

Sample Name: ICV01 Acquired: 1/4/2019 12:10:05 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9461
Stddev	.5522
%RSD	28.374

#1	1.4897
#2	1.7888
#3	2.5599

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3711.0	47279.	4390.9	98.337	3852.2
Stddev	3.8	80.	36.8	1.866	18.6
%RSD	.10207	.16871	.83834	1.8972	.48322

#1	3712.9	47202.	4381.9	97.785	3831.1
#2	3713.5	47275.	4359.5	96.809	3858.8
#3	3706.7	47361.	4431.4	100.42	3866.5

Sample Name: LLICV01 Acquired: 1/4/2019 12:13:49 Type: Unk
Method: P4-ICP2(v2700) 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	.02199	.04713	.01299	.02160	.05265	.10039	.10969
Stddev	.00174	.00091	.00010	.00115	.00092	.01039	.00066
%RSD	7.9301	1.9380	.73906	5.3101	1.7508	10.351	.59749

#1	.02068	.04640	.01290	.02105	.05301	.10253	.10970
#2	.02132	.04684	.01299	.02084	.05334	.10954	.11034
#3	.02397	.04815	.01309	.02292	.05160	.08909	.10903

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00645	.00614	2.1712	.01128	.03368	.02008	.10441
Stddev	.00001	.00008	.0041	.00031	.00038	.00036	.00396
%RSD	.17401	1.2528	.19037	2.7547	1.1244	1.7795	3.7944

#1	.00644	.00623	2.1690	.01163	.03395	.02011	.10305
#2	.00644	.00608	2.1759	.01102	.03384	.01970	.10131
#3	.00646	.00612	2.1685	.01120	.03325	.02042	.10887

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02341	2.2415	.04450	.01098	1.9795	.04569	.04196
Stddev	.00009	.0171	.00040	.00024	.0072	.00036	.00012
%RSD	.40246	.76525	.90670	2.1416	.36489	.79729	.27756

#1	.02331	2.2551	.04410	.01073	1.9870	.04555	.04183
#2	.02350	2.2470	.04490	.01120	1.9726	.04611	.04199
#3	.02343	2.2222	.04451	.01100	1.9789	.04542	.04205

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1417	.21398	.10581	.01657	.42324	.04296	.04612
Stddev	.0186	.00114	.00326	.00114	.00316	.00021	.00095
%RSD	.86882	.53340	3.0784	6.8869	.74668	.49527	2.0539

#1	2.1506	.21521	.10719	.01609	.42206	.04278	.04530
#2	2.1203	.21376	.10208	.01575	.42682	.04291	.04592
#3	2.1542	.21296	.10814	.01788	.42083	.04320	.04716

Sample Name: LLICV01 Acquired: 1/4/2019 12:13:49 Type: Unk
Method: P4-ICP2(v2700) 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	.02133	.0176	.02117	F 1.7776	F<.00000
Stddev	.00139	.0006	.00021	.1545	.73016
%RSD	6.4979	3.202	.99029	8.6942	519.71

#1	.02077	.0172	.02139	1.5997	-.97616
#2	.02031	.0173	.02097	1.8547	.18045
#3	.02290	.0182	.02116	1.8785	.37422

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3768.4	47584.	4393.2	97.972	3976.7
Stddev	3.4	178.	41.1	.546	2.5
%RSD	.09041	.37362	.93521	.55714	.06250

#1	3764.5	47789.	4382.1	98.517	3976.0
#2	3769.7	47466.	4358.8	97.975	3974.7
#3	3770.9	47498.	4438.7	97.425	3979.5

Sample Name: ICB01 Acquired: 1/4/2019 12:17:52 Type: Unk
Method: P4-ICP2(v2700) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	.00106	.00043	-.00012	.00121	-.00348	.00011	-.00000
Stddev	.00134	.00045	.00038	.00077	.00059	.00576	.00090	.00006
%RSD	201.96	42.246	86.572	649.49	48.438	165.80	810.86	8149.2
#1	-.00084	.00157	.00024	.00025	.00178	-.00445	-.00076	.00006
#2	.00173	.00075	.00087	-.00100	.00061	-.00869	.00005	-.00006
#3	.00110	.00086	.00020	.00039	.00123	.00271	.00104	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.01351	-.00008	-.00006	.00015	.00429	-.00009	-.02988
Stddev	.00007	.01989	.00011	.00004	.00025	.00672	.00005	.01539
%RSD	71.836	147.23	133.82	62.045	164.96	156.84	58.247	51.493
#1	.00018	.03460	.00003	-.00006	.00042	.00585	-.00012	-.03842
#2	.00006	-.00490	-.00019	-.00011	-.00008	-.00308	-.00003	-.01212
#3	.00005	.01082	-.00010	-.00003	.00013	.01009	-.00011	-.03911
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00040	-.18462	.00010	-.00017	.02113	.00011	.00591
Stddev	.00034	.00033	.00956	.00012	.00004	.01329	.00011	.00107
%RSD	1110.3	84.018	5.1809	128.17	22.362	62.884	102.88	18.142
#1	.00001	.00005	-.18399	.00022	-.00013	.02508	.00002	.00714
#2	.00038	.00042	-.19448	-.00002	-.00020	.00632	.00024	.00538
#3	-.00029	.00071	-.17538	.00009	-.00018	.03200	.00007	.00521
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00392	.00048	-.00094	.00129	-.00008	-.0008	-.00006	F 1.5405
Stddev	.00173	.00252	.00015	.00102	.00163	.0010	.00003	.0866
%RSD	44.211	520.29	16.327	78.939	2051.1	129.3	51.507	5.6241
#1	-.00393	-.00235	-.00077	.00017	.00051	.0003	-.00007	1.5486
#2	-.00218	.00248	-.00104	.00153	-.00193	-.0016	-.00007	1.6228
#3	-.00564	.00132	-.00103	.00217	.00118	-.0010	-.00002	1.4501

Sample Name: ICB01 Acquired: 1/4/2019 12:17:52 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .11927
Stddev	.41086
%RSD	344.48

#1	-.29623
#2	.12871
#3	.52533

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3735.5	47894.	4423.7	99.481	3963.8
Stddev	3.2	94.	42.3	1.224	3.8
%RSD	.08497	.19522	.95726	1.2305	.09709

#1	3733.3	47876.	4377.4	98.583	3961.5
#2	3739.1	47996.	4460.3	98.983	3961.6
#3	3734.1	47811.	4433.5	100.88	3968.2

Sample Name: CRI01 Acquired: 1/4/2019 12:26:26 Type: Unk
Method: P4-ICP2(v2700) 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	.02197	.04696	.01317	.02293	.05214	.10712	.10978
Stddev	.00126	.00129	.00024	.00083	.00219	.00493	.00074
%RSD	5.7459	2.7523	1.8107	3.6211	4.1990	4.6034	.67121

#1	.02305	.04774	.01316	.02199	.05126	.10748	.10999
#2	.02229	.04547	.01341	.02322	.05053	.10202	.11039
#3	.02058	.04767	.01293	.02358	.05463	.11186	.10896

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00659	.00606	2.2002	.01137	.03387	.02045	.10191
Stddev	.00010	.00002	.0281	.00030	.00013	.00036	.00740
%RSD	1.4889	.33506	1.2772	2.6020	.36971	1.7412	7.2658

#1	.00650	.00608	2.1937	.01112	.03397	.02037	.10293
#2	.00657	.00605	2.1758	.01129	.03373	.02013	.10876
#3	.00669	.00605	2.2309	.01169	.03391	.02083	.09405

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02367	2.2140	.04443	.01167	1.9909	.04649	.04111
Stddev	.00020	.0464	.00027	.00028	.0123	.00068	.00075
%RSD	.84477	2.0972	.60040	2.4085	.61723	1.4626	1.8346

#1	.02352	2.1611	.04474	.01191	1.9877	.04609	.04024
#2	.02358	2.2480	.04431	.01136	2.0045	.04610	.04161
#3	.02390	2.2328	.04425	.01173	1.9805	.04727	.04147

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1447	.21559	.10560	.01761	.42821	.04176	.04743
Stddev	.0364	.00136	.01028	.00132	.00537	.00046	.00255
%RSD	1.6972	.63074	9.7365	7.5235	1.2536	1.1036	5.3674

#1	2.1037	.21714	.10386	.01890	.42526	.04170	.04576
#2	2.1570	.21458	.11664	.01767	.42495	.04224	.05036
#3	2.1733	.21505	.09630	.01626	.43440	.04133	.04616

Sample Name: CRI01 Acquired: 1/4/2019 12:26:26 Type: Unk
Method: P4-ICP2(v2700) 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	.02170	.0190	.02139	F 2.1293	F<.00000
Stddev	.00077	.0008	.00009	.1049	.78526
%RSD	3.5453	4.294	.41553	4.9250	184.41
#1	.02253	.0188	.02135	2.2343	-1.3325
#2	.02158	.0200	.02133	2.1292	.01995
#3	.02101	.0184	.02149	2.0245	.03511
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3722.7	47164.	4398.3	99.325	3941.1
Stddev	12.5	117.	15.1	1.910	14.6
%RSD	.33543	.24827	.34329	1.9229	.37003
#1	3708.7	47145.	4413.3	101.52	3924.7
#2	3732.7	47289.	4398.5	98.017	3952.7
#3	3726.8	47057.	4383.1	98.442	3945.7

Sample Name: ICSA01 Acquired: 1/4/2019 12:30:31 Type: Unk
Method: P4-ICP2(v2700) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00331	-.00652	.00113	.00713	.00407	276.31	.00540
Stddev	.00093	.00040	.00079	.00203	.00116	.26	.00073
%RSD	27.943	6.0595	69.927	28.516	28.426	.09283	13.518

#1	-.00307	-.00608	.00038	.00902	.00305	276.60	.00618
#2	-.00253	-.00665	.00105	.00741	.00383	276.11	.00473
#3	-.00434	-.00684	.00195	.00498	.00532	276.23	.00530

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	-.00188	249.18	.05745	-.00097	-.00302	97.285
Stddev	.00003	.00023	.33	.00041	.00018	.00054	1.495
%RSD	13.898	12.130	.13382	.71920	18.186	17.818	1.5364

#1	.00017	-.00172	249.01	.05793	-.00079	-.00243	96.108
#2	.00022	-.00178	249.57	.05717	-.00098	-.00349	96.781
#3	.00017	-.00215	248.97	.05727	-.00114	-.00314	98.967

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01485	255.85	-.00675	-.00625	-.08421	.00207	-.00040
Stddev	.00010	.92	.00035	.00049	.01236	.00023	.00006
%RSD	.65775	.36052	5.1765	7.8440	14.677	10.897	14.575

#1	.01486	255.95	-.00689	-.00675	-.07289	.00228	-.00033
#2	.01474	256.71	-.00635	-.00621	-.09739	.00210	-.00043
#3	.01494	254.88	-.00701	-.00578	-.08234	.00183	-.00044

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01956	-.00073	.06624	-.00150	-.00735	.00158	-.00254
Stddev	.01144	.00034	.00216	.00287	.00371	.00066	.00197
%RSD	58.475	46.590	3.2663	191.06	50.474	41.635	77.424

#1	.00862	-.00110	.06400	-.00479	-.00907	.00143	-.00370
#2	.01863	-.00063	.06831	-.00016	-.00989	.00101	-.00365
#3	.03144	-.00044	.06642	.00045	-.00309	.00229	-.00027

Sample Name: ICSA01 Acquired: 1/4/2019 12:30:31 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00817	-.0001	-.00294	F 4.6954	F<.00000
Stddev	.00128	.0010	.00162	.3703	.87295
%RSD	15.647	1020.	54.947	7.8863	55.964

#1	.00837	-.0008	-.00139	4.2761	-.88047
#2	.00934	.0011	-.00282	4.9774	-2.5444
#3	.00680	-.0006	-.00461	4.8328	-1.2547

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3392.8	42105.	4237.1	90.380	3224.9
Stddev	19.3	129.	20.9	1.255	12.2
%RSD	.56822	.30542	.49336	1.3883	.37922

#1	3391.9	42007.	4234.2	91.391	3219.6
#2	3374.1	42059.	4217.8	90.773	3216.2
#3	3412.6	42251.	4259.3	88.975	3238.9

Sample Name: ICSAB01 Acquired: 1/4/2019 12:34:43 Type: Unk
Method: P4-ICP2(v2700) 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	.10127	.09407	.05385	.05844	.59768	278.35	.51136
Stddev	.00146	.00061	.00105	.00474	.00306	2.41	.00618
%RSD	1.4385	.65131	1.9451	8.1143	.51199	.86650	1.2078

#1	.10277	.09461	.05286	.05795	.59980	278.74	.51490
#2	.10118	.09340	.05495	.05396	.59417	275.77	.51495
#3	.09986	.09421	.05374	.06340	.59906	280.55	.50423

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55116	.99964	246.56	.57861	.50062	.48288	98.459
Stddev	.00376	.00185	1.99	.00222	.00040	.00184	1.259
%RSD	.68172	.18474	.80617	.38314	.07993	.38028	1.2790

#1	.55503	1.0018	247.96	.57990	.50016	.48313	99.912
#2	.54753	.99852	247.44	.57605	.50089	.48458	97.780
#3	.55093	.99863	244.28	.57988	.50082	.48093	97.685

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53367	251.05	.98530	.21488	-.10531	.51747	.99064
Stddev	.00301	2.63	.00153	.00084	.00553	.00332	.01322
%RSD	.56374	1.0467	.15492	.39075	5.2534	.64230	1.3347

#1	.53667	252.61	.98378	.21572	-.10681	.52028	1.0054
#2	.53066	252.53	.98528	.21490	-.09919	.51380	.98681
#3	.53369	248.02	.98684	.21404	-.10995	.51833	.97976

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03641	F 1.0618	F 1.1147	-.00438	F .97584	F 1.0935	F 1.0831
Stddev	.02096	.0045	.0206	.00304	.01235	.0012	.0098
%RSD	57.584	.41886	1.8454	69.457	1.2651	.11173	.90448

#1	.04236	1.0640	1.1326	-.00680	.98549	1.0922	1.0926
#2	.01311	1.0648	1.1194	-.00096	.98011	1.0936	1.0837
#3	.05375	1.0567	1.0922	-.00538	.96193	1.0946	1.0730

Sample Name: ICSAB01 Acquired: 1/4/2019 12:34:43 Type: Unk
 Method: P4-ICP2(v2700) 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	.00636	F .0019	F -.00398	F 4.9802	F<.00000
Stddev	.00068	.0010	.00129	.1210	1.0470
%RSD	10.662	53.25	32.477	2.4300	52.726
#1	.00692	.0010	-.00542	4.9514	-2.4250
#2	.00656	.0030	-.00292	4.8761	-2.7418
#3	.00561	.0016	-.00359	5.1130	-.79073
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3399.2	42175.	4330.2	89.808	3228.2
Stddev	12.0	144.	59.8	1.118	6.8
%RSD	.35389	.34254	1.3802	1.2449	.21043
#1	3391.0	42097.	4306.6	88.562	3220.4
#2	3393.5	42341.	4285.8	90.135	3232.4
#3	3413.0	42086.	4398.1	90.725	3231.8

Sample Name: CCV01 Acquired: 1/4/2019 12:38:38 Type: Unk
Method: P4-ICP2(v2700) 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	5.0289	4.9880	5.0076	5.0609	5.0267	10.218	9.8221	.25397
Stddev	.0101	.0130	.0034	.0116	.0189	.032	.0640	.00019
%RSD	.20138	.26062	.06842	.22966	.37577	.31065	.65119	.07584
#1	5.0259	4.9970	5.0113	5.0627	5.0272	10.250	9.8662	.25414
#2	5.0402	4.9939	5.0068	5.0716	5.0453	10.187	9.8513	.25376
#3	5.0207	4.9731	5.0046	5.0486	5.0075	10.218	9.7487	.25399
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4843	24.996	1.0333	2.4764	1.2504	4.9966	2.5470	24.334
Stddev	.0043	.187	.0034	.0056	.0032	.0317	.0048	.037
%RSD	.17321	.74863	.33120	.22789	.25928	.63432	.18724	.15219
#1	2.4868	25.032	1.0301	2.4810	1.2486	4.9602	2.5431	24.374
#2	2.4869	25.162	1.0330	2.4782	1.2541	5.0116	2.5457	24.301
#3	2.4794	24.793	1.0369	2.4701	1.2483	5.0180	2.5523	24.326
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4770	1.2918	23.873	2.5102	2.5388	24.375	4.9980	4.8518
Stddev	.0061	.0062	.173	.0043	.0337	.106	.0177	.0141
%RSD	.24739	.48197	.72271	.17045	1.3264	.43476	.35422	.29030
#1	2.4768	1.2857	23.984	2.5100	2.5090	24.406	4.9873	4.8680
#2	2.4832	1.2915	23.961	2.5060	2.5753	24.461	5.0184	4.8450
#3	2.4710	1.2981	23.674	2.5146	2.5322	24.256	4.9883	4.8424
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0138	4.8902	4.9488	4.9998	4.8776	4.925	5.0371	F 4.4606
Stddev	.0092	.0373	.0085	.0146	.0318	.016	.0316	.1265
%RSD	.18438	.76227	.17192	.29270	.65137	.3338	.62701	2.8351
#1	5.0117	4.8754	4.9524	4.9926	4.8945	4.934	5.0422	4.3149
#2	5.0240	4.9326	4.9549	5.0166	4.8974	4.935	5.0659	4.5253
#3	5.0059	4.8625	4.9391	4.9901	4.8410	4.906	5.0033	4.5416

Sample Name: CCV01 Acquired: 1/4/2019 12:38:38 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.6844
Stddev	.5352
%RSD	19.937

#1	3.2989
#2	2.4340
#3	2.3203

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3625.3	45250.	4400.7	93.417	3575.3
Stddev	16.0	76.	47.1	1.160	9.2
%RSD	.43999	.16849	1.0703	1.2416	.25776

#1	3630.3	45167.	4390.0	94.400	3571.2
#2	3607.5	45265.	4359.9	92.138	3568.9
#3	3638.2	45318.	4452.2	93.715	3585.9

Sample Name: LCCV01 Acquired: 1/4/2019 12:42:17 Type: Unk
 Method: P4-ICP2(v2700) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02251	.04644	.01354	.01901	.05417	.10397	.10814	.00663
Stddev	.00309	.00080	.00091	.00246	.00199	.00562	.00009	.00002
%RSD	13.743	1.7303	6.7063	12.956	3.6660	5.4098	.08093	.27846
#1	.02457	.04720	.01357	.02156	.05599	.10806	.10804	.00662
#2	.02400	.04653	.01262	.01664	.05447	.10628	.10817	.00665
#3	.01895	.04560	.01443	.01884	.05205	.09755	.10820	.00662
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00609	2.2097	.01183	.03359	.02026	.11479	.02373	2.2080
Stddev	.00008	.0114	.00026	.00011	.00058	.00545	.00016	.0156
%RSD	1.3630	.51743	2.1861	.33402	2.8800	4.7466	.66868	.70646
#1	.00606	2.1988	.01159	.03359	.02030	.11255	.02392	2.2212
#2	.00602	2.2216	.01180	.03347	.01966	.12100	.02363	2.2121
#3	.00618	2.2087	.01211	.03369	.02082	.11082	.02366	2.1908
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04442	.01133	1.8899	.04615	.04131	2.1257	.21331	.11137
Stddev	.00032	.00028	.0138	.00073	.00037	.0313	.00121	.00696
%RSD	.71063	2.4563	.73167	1.5887	.88844	1.4714	.56591	6.2485
#1	.04409	.01157	1.9059	.04697	.04159	2.1614	.21441	.11927
#2	.04446	.01103	1.8818	.04556	.04090	2.1125	.21202	.10868
#3	.04472	.01140	1.8821	.04592	.04146	2.1032	.21349	.10616
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01648	.43099	.04280	.04524	.02044	.0180	.02139	F 2.6158
Stddev	.00360	.00229	.00049	.00073	.00101	.0003	.00014	.2796
%RSD	21.845	.53073	1.1429	1.6237	4.9634	1.391	.67186	10.690
#1	.02053	.43031	.04337	.04554	.02024	.0178	.02155	2.9344
#2	.01364	.42913	.04248	.04441	.01954	.0183	.02135	2.5015
#3	.01527	.43355	.04257	.04578	.02154	.0179	.02128	2.4114

Sample Name: LCCV01 Acquired: 1/4/2019 12:42:17 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .23488
Stddev .23092
%RSD 98.315

#1 .44858
#2 -.01008
#3 .26614

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3791.3	47431.	4453.8	98.986	3997.3
Stddev	16.6	372.	14.7	.986	17.9
%RSD	.43685	.78480	.32897	.99612	.44746

#1	3782.5	47012.	4442.3	98.225	3983.6
#2	3810.5	47559.	4470.3	100.10	4017.5
#3	3781.1	47724.	4448.8	98.633	3990.6

Sample Name: CCB01 Acquired: 1/4/2019 12:46:23 Type: Unk
Method: P4-ICP2(v2700) 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	.00064	.00113	.00002	.00011	.00112	-.00525	.00127
Stddev	.00095	.00086	.00044	.00110	.00079	.00706	.00109
%RSD	149.00	76.272	1979.7	1020.8	69.962	134.57	85.429

#1	.00113	.00171	.00052	.00123	.00154	.00060	.00247
#2	.00123	.00014	-.00013	-.00096	.00022	-.00325	.00102
#3	-.00046	.00154	-.00032	.00005	.00161	-.01310	.00034

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00001	-.00222	.00022	-.00024	-.00018	.00425
Stddev	.00001	.00009	.00444	.00005	.00023	.00020	.00463
%RSD	47.432	753.66	200.43	21.047	95.529	112.61	108.84

#1	-.00003	-.00009	.00140	.00026	-.00006	.00005	.00908
#2	-.00001	.00008	-.00088	.00021	-.00016	-.00028	.00382
#3	-.00002	-.00003	-.00717	.00017	-.00051	-.00032	-.00015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.01058	-.00021	.00009	-.25036	.00017	-.00026
Stddev	.00007	.01945	.00013	.00004	.00742	.00019	.00004
%RSD	58.386	183.93	60.197	37.287	2.9629	112.24	14.780

#1	-.00005	-.03303	-.00011	.00008	-.24180	-.00004	-.00022
#2	-.00019	.00103	-.00018	.00007	-.25441	.00032	-.00026
#3	-.00013	.00027	-.00036	.00013	-.25487	.00023	-.00029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00245	-.00006	-.00787	-.00662	.00032	-.00127	.00109
Stddev	.03097	.00035	.00326	.00274	.00114	.00035	.00096
%RSD	1262.2	588.01	41.404	41.431	360.00	27.609	87.815

#1	.03259	-.00010	-.01142	-.00352	.00009	-.00139	.00037
#2	-.01381	.00031	-.00501	-.00875	-.00070	-.00087	.00217
#3	-.02614	-.00040	-.00718	-.00760	.00156	-.00154	.00072

Sample Name: CCB01 Acquired: 1/4/2019 12:46:23 Type: Unk
 Method: P4-ICP2(v2700) 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	.00017	.0006	-.00004	F 2.6144	F<.00000
Stddev	.00108	.0005	.00003	.2326	.68747
%RSD	647.31	86.74	96.736	8.8980	177.77

#1	.00135	.0011	.00000	2.6411	-.54753
#2	-.00078	.0001	-.00005	2.8326	.36691
#3	-.00007	.0005	-.00006	2.3696	-.97952

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3776.1	47511.	4435.7	99.578	3990.8
Stddev	11.8	68.	41.9	2.026	8.5
%RSD	.31263	.14251	.94500	2.0343	.21221

#1	3770.0	47511.	4392.4	98.083	3983.3
#2	3789.7	47444.	4476.1	98.767	4000.0
#3	3768.6	47580.	4438.6	101.88	3989.0

Sample Name: LR CHECK1 Acquired: 1/4/2019 12:51:50 Type: Unk
Method: P4-ICP2(v2700) 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	-.04058	-.07444	.00879	.06742	.05396	1981.9	.02166
Stddev	.00216	.00536	.00291	.00775	.00382	3.3	.00070
%RSD	5.3263	7.1960	33.081	11.489	7.0891	.16733	3.2416

#1	-.04197	-.07786	.01108	.07636	.05433	1983.0	.02186
#2	-.03809	-.07720	.00978	.06327	.04996	1978.2	.02088
#3	-.04168	-.06827	.00552	.06263	.05758	1984.6	.02224

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00370	.00206	1775.4	-.00584	.04167	-.18955	F 941.68
Stddev	.00021	.00242	29.2	.00021	.00017	.00531	13.40
%RSD	5.7366	117.48	1.6432	3.6499	.41175	2.8029	1.4227

#1	.00365	.00474	1741.8	-.00607	.04186	-.18344	926.38
#2	.00393	.00005	1789.7	-.00565	.04156	-.19310	951.30
#3	.00352	.00139	1794.6	-.00579	.04157	-.19211	947.38

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02292	F 1811.9	.03985	-.07718	1704.0	.01584	.06402
Stddev	.00029	8.6	.00082	.00091	34.9	.00099	.00068
%RSD	1.2752	.47473	2.0688	1.1845	2.0498	6.2467	1.0697

#1	.02287	1802.0	.04065	-.07791	1742.6	.01641	.06331
#2	.02266	1817.6	.03989	-.07615	1674.7	.01470	.06467
#3	.02324	1816.0	.03900	-.07748	1694.5	.01641	.06407

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1039.3	-.00411	.65492	.37740	-.01769	.02962	-.05867
Stddev	2.7	.00179	.02494	.01304	.00138	.00491	.00044
%RSD	.25607	43.574	3.8085	3.4560	7.8185	16.577	.74190

#1	1036.7	-.00232	.63308	.37293	-.01737	.02802	-.05892
#2	1039.2	-.00590	.68210	.39209	-.01920	.02572	-.05893
#3	1042.0	-.00410	.64956	.36719	-.01649	.03514	-.05817

Sample Name: LR CHECK1 Acquired: 1/4/2019 12:51:50 Type: Unk
 Method: P4-ICP2(v2700) 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	.07173	.0442	F -1.0197	4.1959	^ *****
Stddev	.00139	.0031	.0148	.1943	-----
%RSD	1.9335	6.963	1.4537	4.6307	-----
#1	.07306	.0411	-1.0027	4.2949	^ -----
#2	.07029	.0442	-1.0302	4.3207	^ -----
#3	.07183	.0472	-1.0260	3.9720	^ -----
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2627.7	32627.	3836.6	72.263	2103.4
Stddev	2.3	115.	24.9	1.061	1.5
%RSD	.08835	.35309	.64848	1.4684	.06968
#1	2628.0	32756.	3865.3	73.477	2102.4
#2	2625.3	32590.	3823.2	71.511	2102.6
#3	2629.9	32535.	3821.3	71.802	2105.0

Sample Name: LR CHECK2 Acquired: 1/4/2019 12:56:26 Type: Unk
Method: P4-ICP2(v2700) 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	-.00029	-.00703	244.58	.02218	-.03127	-.28285	93.482	-.00134
Stddev	.00302	.00100	1.07	.00116	.00180	.01299	.895	.00010
%RSD	1027.6	14.194	.43816	5.2288	5.7550	4.5913	.95776	7.3285
#1	.00315	-.00705	243.37	.02338	-.03237	-.26786	94.433	-.00139
#2	-.00247	-.00803	244.98	.02209	-.03224	-.29052	93.358	-.00141
#3	-.00156	-.00603	245.39	.02106	-.02919	-.29018	92.655	-.00123
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00758	.24173	-.13352	-.00257	F 257.80	-.81812	43.905	-.08779
Stddev	.00009	.01546	.00074	.00009	2.24	.00306	.356	.02376
%RSD	1.1553	6.3953	.55776	3.4875	.86921	.37443	.80975	27.069
#1	-.00749	.24918	-.13266	-.00246	255.44	-.81502	43.520	-.09609
#2	-.00767	.25205	-.13388	-.00263	258.07	-.81820	44.220	-.06099
#3	-.00758	.22396	-.13401	-.00260	259.90	-.82114	43.976	-.10630
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 50.944	.00803	.34487	-.00953	34.654	.33746	-.00618	-.01120
Stddev	.189	.00067	.04325	.00054	.245	.01778	.00032	.00245
%RSD	.37020	8.2859	12.542	5.6740	.70805	5.2692	5.2514	21.882
#1	50.727	.00797	.39016	-.00977	34.753	.35744	-.00640	-.01160
#2	51.064	.00873	.34047	-.00891	34.374	.33159	-.00633	-.00858
#3	51.042	.00740	.30399	-.00990	34.833	.32336	-.00581	-.01344
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09663	-.01058	-.00169	.02104	-.00188	.0875	.00258	3.9659
Stddev	.00129	.00192	.00132	.00050	.00059	.0018	.00003	.4246
%RSD	1.3318	18.189	77.905	2.4003	31.448	2.041	.97730	10.707
#1	.09592	-.00840	-.00258	.02160	-.00196	.0860	.00258	3.5083
#2	.09812	-.01205	-.00018	.02063	-.00243	.0895	.00255	4.3472
#3	.09586	-.01130	-.00233	.02088	-.00125	.0871	.00260	4.0423

Sample Name: LR CHECK2 Acquired: 1/4/2019 12:56:26 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .27138
 Stddev 1.2647
 %RSD 466.03

#1 1.4096
 #2 .49465
 #3 -1.0901

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3417.5	45907.	4532.8	95.836	3578.7
Stddev	17.4	180.	15.6	.681	17.4
%RSD	.50836	.39171	.34390	.71070	.48529

#1	3437.5	46101.	4516.2	95.675	3598.8
#2	3408.8	45746.	4535.2	96.583	3569.6
#3	3406.2	45874.	4547.1	95.250	3567.8

Sample Name: K1002-01 Acquired: 1/4/2019 13:01:13 Type: Unk
Method: P4-ICP2(v2700) 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	.09480	-.00303	.34660	.04794	.00573	161.72	.46420
Stddev	.00198	.00119	.00419	.00272	.00120	.21	.00261
%RSD	2.0877	39.346	1.2086	5.6660	20.907	.12736	.56263

#1	.09262	-.00267	.35087	.04672	.00462	161.95	.46222
#2	.09531	-.00435	.34644	.04604	.00556	161.55	.46716
#3	.09648	-.00205	.34250	.05105	.00700	161.67	.46322

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00690	-.00868	26.700	.31301	.05719	.06698	269.09
Stddev	.00012	.00014	.086	.00327	.00031	.00078	1.46
%RSD	1.6819	1.6056	.32161	1.0447	.54347	1.1572	.54105

#1	.00679	-.00875	26.602	.31678	.05695	.06694	267.56
#2	.00702	-.00878	26.742	.31138	.05754	.06622	270.46
#3	.00690	-.00852	26.758	.31088	.05709	.06777	269.24

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3344	13.692	.08350	-.01069	1.7051	.46637	.51651
Stddev	.0014	.125	.00049	.00097	.0052	.00439	.00180
%RSD	.10240	.91602	.58554	9.0400	.30387	.94151	.34941

#1	1.3348	13.587	.08308	-.01180	1.7086	.47130	.51444
#2	1.3329	13.830	.08404	-.01006	1.7077	.46286	.51736
#3	1.3355	13.658	.08338	-.01022	1.6992	.46496	.51773

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.147	.00618	.28650	2.9826	3.0902	.01924	1.0602
Stddev	.092	.00011	.00769	.0044	.0101	.00091	.0040
%RSD	.64845	1.7902	2.6848	.14849	.32541	4.7499	.38078

#1	14.072	.00622	.29532	2.9775	3.0946	.01838	1.0558
#2	14.250	.00627	.28299	2.9857	3.0973	.02020	1.0637
#3	14.120	.00606	.28118	2.9846	3.0787	.01913	1.0610

Sample Name: K1002-01 Acquired: 1/4/2019 13:01:13 Type: Unk
 Method: P4-ICP2(v2700) 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	.06134	2.953	-.13663	.58679	F<.00000
Stddev	.00129	.005	.00157	.12396	.86507
%RSD	2.1023	.1690	1.1465	21.124	1.0576
#1	.06070	2.948	-.13484	.54635	-82.782
#2	.06283	2.958	-.13774	.72591	-81.438
#3	.06050	2.954	-.13732	.48809	-81.166
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3871.9	48238.	4766.9	90.668	3507.3
Stddev	12.6	198.	21.9	.274	9.2
%RSD	.32601	.41137	.45973	.30261	.26221
#1	3858.5	48011.	4782.0	90.982	3498.4
#2	3873.7	48382.	4741.8	90.476	3506.8
#3	3883.5	48320.	4777.0	90.546	3516.8

Sample Name: K1002-01DUP Acquired: 1/4/2019 13:05:15 Type: Unk
Method: P4-ICP2(v2700) 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	.09534	-.00187	.33191	.04728	.00947	163.60	.46814
Stddev	.00329	.00038	.00241	.00073	.00190	.72	.00566
%RSD	3.4474	20.427	.72502	1.5529	20.062	.43992	1.2092

#1	.09888	-.00200	.33468	.04742	.00728	163.78	.47454
#2	.09475	-.00143	.33028	.04793	.01050	164.22	.46612
#3	.09239	-.00216	.33078	.04648	.01063	162.81	.46377

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00694	-.00841	27.288	.31136	.05719	.06936	266.95
Stddev	.00005	.00010	.195	.00131	.00022	.00170	1.93
%RSD	.66087	1.2074	.71561	.42148	.39268	2.4462	.72220

#1	.00694	-.00841	27.487	.31264	.05716	.06888	266.93
#2	.00698	-.00851	27.280	.31002	.05698	.06795	268.89
#3	.00689	-.00831	27.096	.31142	.05742	.07125	265.04

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3246	14.152	.08449	-.01125	1.6746	.46931	.50337
Stddev	.0004	.089	.00015	.00021	.0036	.00325	.00358
%RSD	.03108	.63115	.17901	1.8244	.21624	.69250	.71153

#1	1.3241	14.242	.08445	-.01147	1.6775	.47303	.50302
#2	1.3248	14.152	.08437	-.01121	1.6758	.46703	.50712
#3	1.3248	14.063	.08466	-.01106	1.6706	.46787	.49998

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.403	.00664	.27983	3.3114	3.0977	.01879	1.0612
Stddev	.124	.00011	.01015	.0337	.0356	.00110	.0072
%RSD	.86043	1.6967	3.6290	1.0173	1.1497	5.8765	.68166

#1	14.538	.00657	.29148	3.3434	3.1383	.01875	1.0692
#2	14.377	.00677	.27282	3.3146	3.0831	.01991	1.0595
#3	14.294	.00657	.27519	3.2763	3.0717	.01770	1.0550

Sample Name: K1002-01DUP Acquired: 1/4/2019 13:05:15 Type: Unk
 Method: P4-ICP2(v2700) 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	.06463	2.985	-.12770	.38646	F<.00000
Stddev	.00110	.019	.00181	.19112	1.1786
%RSD	1.6993	.6232	1.4135	49.454	1.4215

#1	.06545	2.994	-.12657	.21718	-84.258
#2	.06505	2.996	-.12978	.59372	-82.080
#3	.06338	2.963	-.12675	.34848	-82.389

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3895.7	48418.	4800.2	92.934	3531.5
Stddev	5.5	116.	25.3	.613	10.3
%RSD	.14067	.23922	.52768	.65959	.29239

#1	3901.6	48450.	4773.6	93.087	3524.3
#2	3890.9	48289.	4803.2	92.260	3526.8
#3	3894.5	48514.	4824.0	93.457	3543.3

Sample Name: K1002-01LX5 Acquired: 1/4/2019 13:09:14 Type: Unk
Method: P4-ICP2(v2700) 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	.02175	.00032	.08517	.00777	.00200	33.882	.10048	.00148
Stddev	.00211	.00023	.00072	.00285	.00091	.197	.00201	.00006
%RSD	9.6934	73.902	.84017	36.736	45.607	.58101	2.0032	4.2809

#1	.01980	.00058	.08446	.00684	.00116	34.031	.10149	.00145
#2	.02146	.00017	.08589	.00550	.00297	33.957	.10179	.00143
#3	.02399	.00019	.08514	.01097	.00187	33.659	.09816	.00155

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00182	5.8014	.06819	.01129	.01872	52.893	.29347	3.0162
Stddev	.00015	.0907	.00022	.00015	.00041	1.009	.00082	.0764
%RSD	8.1680	1.5639	.32536	1.3546	2.1656	1.9077	.28076	2.5328

#1	-.00187	5.8464	.06840	.01129	.01875	53.184	.29436	3.0335
#2	-.00195	5.8608	.06796	.01145	.01829	53.725	.29330	3.0825
#3	-.00166	5.6970	.06822	.01114	.01910	51.771	.29274	2.9327

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01610	-.00288	.22311	.10002	.10639	3.1392	.00109	.04214
Stddev	.00009	.00013	.02241	.00178	.00074	.0579	.00015	.00944
%RSD	.55886	4.3516	10.045	1.7755	.69877	1.8448	13.757	22.412

#1	.01604	-.00276	.24089	.10156	.10695	3.1839	.00100	.03294
#2	.01606	-.00301	.23050	.09808	.10667	3.1599	.00102	.04168
#3	.01620	-.00286	.19793	.10043	.10555	3.0738	.00127	.05181

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61351	.97312	.00198	.23198	.01252	.5829	-.02376	3.1035
Stddev	.00190	.01167	.00036	.00491	.00112	.0015	.00056	.2079
%RSD	.31014	1.1994	18.227	2.1149	8.9733	.2510	2.3392	6.6987

#1	.61547	.98647	.00163	.23572	.01186	.5820	-.02360	3.3432
#2	.61337	.96804	.00195	.23378	.01381	.5846	-.02438	2.9723
#3	.61167	.96485	.00235	.22642	.01188	.5822	-.02331	2.9950

Sample Name: K1002-01LX5 Acquired: 1/4/2019 13:09:14 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.6289
Stddev	.7466
%RSD	28.399

#1	1.9386
#2	2.5268
#3	3.4213

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3724.5	46421.	4464.3	94.160	3766.8
Stddev	16.2	214.	83.1	1.039	13.5
%RSD	.43570	.46039	1.8614	1.1032	.35837

#1	3707.6	46174.	4409.9	93.623	3766.5
#2	3726.0	46552.	4423.0	93.499	3753.5
#3	3740.0	46536.	4559.9	95.357	3780.5

Sample Name: K1002-01MS Acquired: 1/4/2019 13:13:13 Type: Unk
Method: P4-ICP2(v2700) 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	.83350	2.0226	1.3442	1.8790	.77453	160.91	.65208
Stddev	.00245	.0051	.0068	.0142	.00367	.41	.00096
%RSD	.29374	.25131	.50386	.75614	.47334	.25436	.14706

#1	.83186	2.0209	1.3433	1.8633	.77449	160.44	.65192
#2	.83232	2.0186	1.3379	1.8827	.77088	161.15	.65122
#3	.83631	2.0283	1.3514	1.8910	.77821	161.15	.65311

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20103	.19510	27.410	.70702	.26486	.35415	261.35
Stddev	.00049	.00143	.294	.00438	.00089	.00291	1.73
%RSD	.24410	.73183	1.0710	.61977	.33662	.82236	.66096

#1	.20118	.19447	27.080	.70207	.26424	.35230	261.61
#2	.20144	.19410	27.642	.70858	.26446	.35264	262.94
#3	.20049	.19674	27.509	.71041	.26588	.35751	259.51

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4980	15.743	.60186	.06125	4.5529	.74580	.69774
Stddev	.0016	.139	.00326	.00043	.0448	.00280	.00331
%RSD	.10603	.88501	.54206	.69755	.98329	.37484	.47408

#1	1.4963	15.882	.60132	.06115	4.6046	.74283	.69694
#2	1.4994	15.604	.59890	.06172	4.5273	.74618	.70137
#3	1.4983	15.742	.60536	.06088	4.5268	.74839	.69490

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.799	.40925	.55342	F 12.962	5.4291	.74954	1.2763
Stddev	.036	.00301	.01558	.037	.0338	.00341	.0032
%RSD	.14924	.73609	2.8153	.28786	.62169	.45556	.25104

#1	23.767	.40733	.57017	12.940	5.3917	.74662	1.2793
#2	23.792	.40771	.55073	12.942	5.4385	.74871	1.2766
#3	23.837	.41272	.53935	13.005	5.4572	.75329	1.2729

Sample Name: K1002-01MS Acquired: 1/4/2019 13:13:13 Type: Unk
Method: P4-ICP2(v2700) 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	.25828	8.656	.06398	1.0022	F<.00000
Stddev	.00302	.026	.00176	.2660	1.8579
%RSD	1.1678	.2963	2.7475	26.538	2.2286
#1	.26104	8.685	.06211	.74704	-81.493
#2	.25506	8.646	.06422	.98185	-83.401
#3	.25874	8.636	.06560	1.2778	-85.209
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3868.9	48165.	4725.1	92.642	3494.6
Stddev	7.8	131.	20.2	.670	6.4
%RSD	.20246	.27270	.42744	.72327	.18351
#1	3865.0	48284.	4748.4	92.629	3487.8
#2	3878.0	48187.	4714.5	91.978	3500.6
#3	3863.9	48024.	4712.5	93.318	3495.3

Sample Name: K1002-01MSD Acquired: 1/4/2019 13:17:01 Type: Unk
Method: P4-ICP2(v2700) 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	.83820	2.0299	1.3473	1.8994	.78120	160.84	.64408
Stddev	.00635	.0025	.0010	.0020	.00323	1.14	.00657
%RSD	.75710	.12390	.07273	.10604	.41404	.70823	1.0200

#1	.83931	2.0322	1.3462	1.9015	.78270	160.07	.65067
#2	.83137	2.0302	1.3481	1.8992	.77749	160.30	.64403
#3	.84392	2.0272	1.3474	1.8974	.78342	162.15	.63754

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20235	.19662	27.178	.71010	.26672	.35666	257.84
Stddev	.00034	.00049	.271	.00270	.00036	.00455	5.35
%RSD	.16563	.25153	.99615	.37989	.13453	1.2747	2.0755

#1	.20197	.19630	27.462	.71127	.26653	.35531	258.91
#2	.20258	.19637	27.148	.70702	.26714	.35294	262.58
#3	.20251	.19719	26.923	.71203	.26651	.36173	252.04

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4994	15.458	.60550	.06219	4.5224	.74906	.69222
Stddev	.0030	.108	.00071	.00050	.0271	.00124	.01655
%RSD	.19911	.69596	.11738	.80389	.59890	.16502	2.3913

#1	1.5012	15.582	.60572	.06184	4.5530	.74968	.69865
#2	1.4959	15.409	.60608	.06276	4.5128	.74764	.70460
#3	1.5009	15.384	.60471	.06196	4.5014	.74986	.67342

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.493	.41170	.55018	F 13.020	5.4069	.75235	1.2757
Stddev	.243	.00099	.01372	.020	.1053	.00077	.0059
%RSD	1.0341	.23983	2.4941	.15035	1.9482	.10282	.46177

#1	23.704	.41144	.55595	13.039	5.5080	.75324	1.2706
#2	23.546	.41088	.56006	13.000	5.4148	.75179	1.2744
#3	23.227	.41280	.53451	13.022	5.2978	.75203	1.2821

Sample Name: K1002-01MSD Acquired: 1/4/2019 13:17:01 Type: Unk
Method: P4-ICP2(v2700) 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	.25764	8.656	.06560	1.0938	F<.00000
Stddev	.00072	.033	.00411	.2316	.89191
%RSD	.28039	.3759	6.2602	21.176	1.0752

#1	.25804	8.664	.06686	1.3612	-83.968
#2	.25808	8.683	.06102	.95760	-82.591
#3	.25681	8.620	.06894	.96252	-82.297

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3860.7	48107.	4771.4	93.498	3499.2
Stddev	5.0	177.	71.0	2.387	16.2
%RSD	.13073	.36861	1.4890	2.5533	.46427

#1	3854.9	47974.	4702.2	92.535	3491.0
#2	3864.1	48308.	4767.9	91.742	3488.7
#3	3863.2	48039.	4844.2	96.216	3517.9

Sample Name: K1002-01A Acquired: 1/4/2019 13:20:49 Type: Unk
Method: P4-ICP2(v2700) 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	.83890	2.0291	1.3440	1.9001	.78075	160.88	.65307
Stddev	.00433	.0115	.0037	.0082	.00306	.47	.00451
%RSD	.51652	.56840	.27795	.43023	.39134	.29124	.69080

#1	.83999	2.0217	1.3410	1.8943	.77727	160.48	.65604
#2	.83413	2.0423	1.3481	1.8965	.78202	160.78	.65528
#3	.84259	2.0231	1.3427	1.9095	.78297	161.39	.64788

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20245	.19671	27.446	.70628	.26680	.35531	259.00
Stddev	.00067	.00093	.229	.00312	.00069	.00082	2.89
%RSD	.33071	.47246	.83529	.44243	.25829	.23184	1.1157

#1	.20250	.19634	27.645	.70720	.26675	.35439	261.06
#2	.20175	.19776	27.497	.70279	.26751	.35556	255.69
#3	.20309	.19602	27.195	.70883	.26614	.35598	260.24

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4995	15.493	.60474	.06189	4.5098	.74953	.69409
Stddev	.0038	.078	.00162	.00065	.0145	.00185	.00954
%RSD	.25323	.50491	.26836	1.0571	.32207	.24677	1.3748

#1	1.5001	15.489	.60403	.06141	4.5168	.74878	.70125
#2	1.4954	15.417	.60659	.06162	4.5195	.74817	.68326
#3	1.5029	15.574	.60359	.06263	4.4931	.75164	.69776

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.803	.41230	.55638	F 13.048	5.4371	.75103	1.2810
Stddev	.224	.00167	.00938	.048	.0362	.00309	.0063
%RSD	.94183	.40533	1.6862	.36989	.66479	.41126	.49035

#1	24.008	.41110	.55700	13.014	5.4759	.74911	1.2881
#2	23.837	.41159	.54670	13.103	5.4312	.75459	1.2762
#3	23.564	.41421	.56543	13.027	5.4043	.74938	1.2788

Sample Name: K1002-01A Acquired: 1/4/2019 13:20:49 Type: Unk
 Method: P4-ICP2(v2700) 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	.25948	8.667	.06941	.57279	F<.00000
Stddev	.00150	.050	.00384	.20422	.69571
%RSD	.57867	.5785	5.5391	35.653	.82329
#1	.26089	8.649	.06882	.52448	-84.929
#2	.25965	8.724	.07352	.39706	-83.701
#3	.25790	8.629	.06590	.79683	-84.881
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3858.1	48345.	4742.2	93.393	3495.8
Stddev	8.8	175.	43.5	1.311	13.4
%RSD	.22814	.36126	.91648	1.4035	.38455
#1	3858.6	48216.	4698.2	92.313	3494.3
#2	3866.7	48544.	4743.3	94.851	3483.2
#3	3849.1	48274.	4785.1	93.015	3509.9

Sample Name: K1019-01 Acquired: 1/4/2019 13:24:37 Type: Unk
Method: P4-ICP2(v2700) 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	.11833	-.00430	2.2327	.05321	.00899	146.95	.95046
Stddev	.00257	.00119	.0055	.00476	.00145	.13	.01162
%RSD	2.1683	27.543	.24671	8.9392	16.130	.08595	1.2220

#1	.11741	-.00567	2.2371	.04791	.00994	147.03	.94523
#2	.11635	-.00367	2.2345	.05462	.00732	146.80	.94238
#3	.12123	-.00357	2.2265	.05711	.00970	147.01	.96377

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00811	-.00365	18.408	.26186	.12508	.43430	282.25
Stddev	.00007	.00066	.148	.00030	.00016	.00188	5.85
%RSD	.86244	18.204	.80204	.11403	.13019	.43295	2.0740

#1	.00811	-.00288	18.265	.26182	.12504	.43618	275.51
#2	.00818	-.00405	18.400	.26218	.12494	.43430	285.26
#3	.00804	-.00401	18.560	.26158	.12526	.43242	286.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8805	37.986	.53683	-.00708	1.2421	.36841	1.9994
Stddev	.0036	.578	.00040	.00063	.0278	.00148	.0410
%RSD	.12643	1.5222	.07435	8.9484	2.2407	.40282	2.0487

#1	2.8807	37.778	.53691	-.00780	1.2481	.36690	1.9533
#2	2.8840	37.540	.53639	-.00661	1.2118	.36987	2.0317
#3	2.8767	38.639	.53718	-.00683	1.2664	.36845	2.0133

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.325	.01996	.26035	F 14.262	3.3140	.09904	2.8686
Stddev	.157	.00025	.01380	.075	.0623	.00075	.0062
%RSD	1.3875	1.2745	5.3023	.52566	1.8791	.75986	.21577

#1	11.249	.02016	.24561	14.318	3.2679	.09947	2.8617
#2	11.221	.02005	.27297	14.176	3.2893	.09949	2.8706
#3	11.506	.01967	.26248	14.291	3.3848	.09817	2.8736

Sample Name: K1019-01 Acquired: 1/4/2019 13:24:37 Type: Unk
 Method: P4-ICP2(v2700) 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	.16232	6.213	-.13558	<.00000	F<.00000
Stddev	.00036	.009	.00658	.30106	1.3744
%RSD	.22012	.1420	4.8532	33.622	1.5070
#1	.16227	6.208	-.12804	-.72464	-90.229
#2	.16199	6.224	-.13854	-.71861	-90.606
#3	.16270	6.209	-.14016	-1.2430	-92.776
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4059.6	50812.	5094.5	91.995	3475.6
Stddev	7.0	79.	44.7	1.918	9.4
%RSD	.17331	.15534	.87824	2.0846	.26997
#1	4053.2	50727.	5126.9	94.171	3467.9
#2	4067.1	50828.	5113.2	90.549	3486.0
#3	4058.4	50882.	5043.5	91.267	3472.8

Sample Name: K1019-03 Acquired: 1/4/2019 13:28:33 Type: Unk
Method: P4-ICP2(v2700) 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	.11690	-.00247	.98463	.04114	.00846	68.539	.56348
Stddev	.00066	.00148	.00323	.00173	.00145	.224	.00343
%RSD	.56553	59.718	.32768	4.2029	17.093	.32639	.60916

#1	.11614	-.00261	.98718	.04236	.00841	68.288	.56714
#2	.11724	-.00093	.98100	.04189	.00705	68.716	.56033
#3	.11731	-.00387	.98571	.03916	.00994	68.613	.56299

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00492	.00260	24.238	.21830	.08872	.45197	217.67
Stddev	.00011	.00021	.054	.00079	.00020	.00015	.67
%RSD	2.1927	8.0099	.22294	.36163	.22039	.03241	.30705

#1	.00497	.00250	24.270	.21832	.08895	.45186	217.26
#2	.00480	.00245	24.175	.21751	.08865	.45191	218.44
#3	.00500	.00283	24.268	.21909	.08858	.45214	217.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5952	35.407	.62870	-.00771	.61268	.24725	1.6296
Stddev	.0043	.267	.00032	.00030	.00582	.00116	.0056
%RSD	.16751	.75338	.05040	3.8384	.94920	.46972	.34544

#1	2.5996	35.677	.62881	-.00766	.61649	.24697	1.6307
#2	2.5909	35.399	.62835	-.00745	.60599	.24625	1.6346
#3	2.5951	35.144	.62895	-.00803	.61558	.24852	1.6235

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3771	.03921	.18963	1.5504	1.6157	.07646	2.0458
Stddev	.0420	.00045	.00364	.0024	.0046	.00038	.0043
%RSD	.50110	1.1502	1.9174	.15651	.28766	.49094	.21239

#1	8.4059	.03897	.18793	1.5476	1.6138	.07678	2.0452
#2	8.3964	.03892	.18716	1.5522	1.6122	.07605	2.0418
#3	8.3289	.03973	.19381	1.5513	1.6210	.07655	2.0504

Sample Name: K1019-03 Acquired: 1/4/2019 13:28:33 Type: Unk
 Method: P4-ICP2(v2700) 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	.12757	4.025	-.12115	.63310	F<.00000
Stddev	.00127	.008	.00104	.13966	.46205
%RSD	.99430	.1893	.85975	22.061	.77138

#1	.12867	4.017	-.12088	.78704	-59.370
#2	.12618	4.033	-.12230	.51449	-60.098
#3	.12787	4.024	-.12027	.59776	-60.227

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3920.8	49367.	4844.6	93.443	3570.6
Stddev	6.8	31.	28.8	.284	7.6
%RSD	.17335	.06267	.59456	.30345	.21224

#1	3913.7	49353.	4812.9	93.322	3562.1
#2	3927.3	49402.	4869.3	93.240	3576.5
#3	3921.3	49345.	4851.6	93.767	3573.2

Sample Name: CCV02 Acquired: 1/4/2019 13:32:22 Type: Unk
Method: P4-ICP2(v2700) 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	5.2236	5.2129	5.2534	5.2643	5.2482	10.764	10.299	.26446
Stddev	.0160	.0119	.0170	.0170	.0114	.090	.080	.00025
%RSD	.30689	.22807	.32326	.32268	.21754	.83872	.77848	.09420
#1	5.2327	5.2261	5.2573	5.2789	5.2581	10.666	10.220	.26471
#2	5.2051	5.2030	5.2348	5.2457	5.2357	10.843	10.296	.26422
#3	5.2330	5.2096	5.2680	5.2684	5.2508	10.784	10.380	.26445
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5894	26.224	1.0794	2.5899	1.3137	5.2686	2.6567	25.311
Stddev	.0074	.220	.0016	.0054	.0044	.1355	.0026	.371
%RSD	.28595	.83823	.15168	.20711	.33302	2.5717	.09731	1.4667
#1	2.5945	25.978	1.0775	2.5906	1.3171	5.2865	2.6587	24.884
#2	2.5809	26.294	1.0804	2.5842	1.3088	5.3943	2.6538	25.493
#3	2.5928	26.401	1.0803	2.5948	1.3153	5.1251	2.6577	25.556
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6396	1.3512	25.042	2.6220	2.6596	25.272	5.2558	5.0833
Stddev	.0078	.0054	.190	.0035	.0571	.204	.0126	.0569
%RSD	.29431	.40033	.75677	.13434	2.1455	.80541	.24000	1.1193
#1	2.6452	1.3461	24.863	2.6257	2.6928	25.072	5.2612	5.0176
#2	2.6307	1.3507	25.023	2.6187	2.6923	25.264	5.2413	5.1150
#3	2.6430	1.3568	25.241	2.6215	2.5937	25.479	5.2648	5.1173
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1406	5.0547	5.2056	5.2720	5.0738	5.178	5.2728	F 5.5764
Stddev	.0208	.0342	.0111	.0457	.0314	.014	.0246	.0985
%RSD	.40535	.67695	.21293	.86625	.61994	.2776	.46670	1.7658
#1	5.1383	5.0226	5.2067	5.2199	5.0478	5.192	5.2527	5.4929
#2	5.1210	5.0510	5.1940	5.3052	5.0648	5.163	5.2654	5.5512
#3	5.1625	5.0907	5.2161	5.2909	5.1087	5.178	5.3002	5.6850

Sample Name: CCV02 Acquired: 1/4/2019 13:32:22 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.3567
 Stddev .2356
 %RSD 9.9981

#1 2.3125
 #2 2.1463
 #3 2.6113

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3490.1	43592.	4296.5	90.660	3437.2
Stddev	5.9	104.	10.0	2.000	6.1
%RSD	.17008	.23775	.23221	2.2064	.17793

#1	3486.4	43473.	4305.9	89.526	3433.1
#2	3497.0	43664.	4297.7	89.483	3444.2
#3	3486.9	43638.	4286.0	92.969	3434.2

Sample Name: CCB02 Acquired: 1/4/2019 13:40:10 Type: Unk
Method: P4-ICP2(v2700) 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	-.00103	.00140	F .00946	.00258	-.00043	-.00732	.00062
Stddev	.00059	.00058	.00091	.00155	.00125	.00437	.00066
%RSD	57.589	41.217	9.6228	60.026	290.88	59.733	106.59

#1	-.00039	.00181	.00957	.00426	.00040	-.00443	-.00012
#2	-.00113	.00074	.00850	.00122	.00018	-.00518	.00082
#3	-.00157	.00163	.01031	.00224	-.00187	-.01236	.00115

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00003	-.00070	.00040	-.00008	-.00009	.00761
Stddev	.00004	.00001	.00533	.00025	.00010	.00048	.00606
%RSD	732.60	22.512	756.96	62.904	132.56	529.52	79.710

#1	.00004	.00003	.00333	.00025	-.00016	-.00000	.01440
#2	-.00003	.00002	.00130	.00027	.00004	-.00061	.00272
#3	-.00003	.00004	-.00675	.00070	-.00011	.00034	.00570

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.02483	.00069	-.00038	-.23427	.00016	.00008
Stddev	.00001	.03866	.00043	.00056	.00498	.00029	.00006
%RSD	7.4732	155.68	61.990	149.98	2.1245	182.64	75.698

#1	-.00013	-.03088	.00109	.00023	-.22856	.00030	.00012
#2	-.00014	-.06011	.00075	-.00088	-.23659	-.00017	.00001
#3	-.00012	.01650	.00024	-.00048	-.23767	.00034	.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06802	-.00007	-.00457	-.00393	.00112	-.00109	.00077
Stddev	.01646	.00017	.00565	.00271	.00272	.00016	.00073
%RSD	24.194	245.80	123.70	68.888	242.29	14.854	94.586

#1	.08399	-.00009	-.00944	-.00206	.00183	-.00123	.00143
#2	.06894	-.00022	.00163	-.00703	-.00188	-.00091	.00090
#3	.05112	.00011	-.00590	-.00270	.00342	-.00114	-.00001

Sample Name: CCB02 Acquired: 1/4/2019 13:40:10 Type: Unk
 Method: P4-ICP2(v2700) 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	-.00043	.0008	.00003	F 3.5908	F<.00000
Stddev	.00077	.0011	.00007	.2431	.04814
%RSD	177.82	143.4	229.93	6.7710	7.4433
#1	-.00061	.0003	.00004	3.6173	-.66160
#2	.00041	-.0000	.00009	3.8197	-.59288
#3	-.00110	.0020	-.00004	3.3356	-.68564
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3637.4	46048.	4317.5	95.575	3872.2
Stddev	11.4	208.	81.0	.960	11.9
%RSD	.31345	.45070	1.8758	1.0045	.30674
#1	3624.5	46008.	4228.6	95.642	3885.9
#2	3641.3	45863.	4387.0	96.500	3864.5
#3	3646.3	46272.	4336.9	94.583	3866.2

Sample Name: K1019-05 Acquired: 1/4/2019 13:44:17 Type: Unk
Method: P4-ICP2(v2700) 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	.77151	-.03121	94.451	.27242	.69552	119.20	16.695	.01350
Stddev	.00239	.00330	.215	.00763	.00390	.27	.127	.00033
%RSD	.30933	10.561	.22716	2.8013	.56045	.22662	.76367	2.4633
#1	.76961	-.03497	94.640	.26385	.69447	119.34	16.554	.01388
#2	.77419	-.02878	94.218	.27492	.69224	118.89	16.802	.01335
#3	.77072	-.02990	94.495	.27848	.69983	119.38	16.729	.01327
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07998	413.82	1.2588	.32533	67.303	F 1589.1	11.257	249.53
Stddev	.00386	3.32	.0026	.00163	.150	28.6	.074	2.24
%RSD	4.8266	.80261	.20638	.50133	.22312	1.8024	.65965	.89870
#1	.08372	410.25	1.2616	.32510	67.436	1561.3	11.187	246.99
#2	.08021	414.39	1.2584	.32383	67.140	1587.4	11.248	250.36
#3	.07601	416.82	1.2565	.32707	67.332	1618.5	11.335	251.23
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9326	-.03177	3.8916	.59993	28.121	11.840	.01407	1.5116
Stddev	.0018	.00359	.0280	.00082	.362	.076	.00024	.0378
%RSD	.09050	11.285	.71980	.13632	1.2856	.64092	1.6718	2.5019
#1	1.9325	-.03566	3.8623	.60047	27.786	11.776	.01431	1.4736
#2	1.9309	-.03106	3.8943	.60034	28.072	11.820	.01384	1.5119
#3	1.9344	-.02860	3.9181	.59899	28.504	11.924	.01407	1.5493
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.869	2.9181	F 25.527	3.9893	.21874	F 24.29	1.9066	<.00000
Stddev	.094	.0499	.043	.0132	.00091	.04	.0035	.07048
%RSD	.37731	1.7101	.16969	.33061	.41392	.1848	.18181	.81332
#1	24.892	2.8667	25.541	3.9836	.21869	24.31	1.9097	-8.6251
#2	24.766	2.9215	25.479	3.9800	.21787	24.24	1.9073	-8.6249
#3	24.949	2.9663	25.562	4.0044	.21967	24.32	1.9029	-8.7471

Sample Name: K1019-05 Acquired: 1/4/2019 13:44:17 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg ^ *****
 Stddev -----
 %RSD -----

#1 ^ ----
 #2 ^ ----
 #3 ^ ----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3423.0	45406.	4810.8	75.907	2659.6
Stddev	7.5	29.	52.5	1.079	5.3
%RSD	.21920	.06481	1.0907	1.4208	.19763

#1	3417.6	45432.	4871.3	76.949	2655.6
#2	3431.6	45413.	4783.7	75.975	2665.6
#3	3420.0	45374.	4777.5	74.796	2657.6

Sample Name: K1019-07 Acquired: 1/4/2019 13:48:37 Type: Unk
Method: P4-ICP2(v2700) 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	.06825	-.00569	1.4444	.05924	.00787	173.87	1.0739
Stddev	.00123	.00101	.0171	.00053	.00023	1.23	.0050
%RSD	1.8066	17.744	1.1861	.90300	2.8982	.70823	.46448

#1	.06783	-.00585	1.4579	.05967	.00803	174.56	1.0795
#2	.06729	-.00462	1.4503	.05864	.00761	172.45	1.0698
#3	.06964	-.00662	1.4252	.05941	.00797	174.59	1.0724

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00961	-.00609	18.059	.26633	.14462	.31171	310.56
Stddev	.00007	.00029	.097	.00257	.00149	.00325	3.19
%RSD	.69699	4.7958	.53619	.96641	1.0337	1.0434	1.0262

#1	.00968	-.00586	18.117	.26908	.14557	.31395	310.42
#2	.00955	-.00642	17.947	.26398	.14539	.31320	313.82
#3	.00960	-.00599	18.113	.26592	.14289	.30798	307.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0110	41.675	.59207	-.00623	1.6207	.39298	1.3762
Stddev	.0137	.173	.00624	.00092	.0129	.00248	.0192
%RSD	.45602	.41625	1.0541	14.809	.79604	.63112	1.3943

#1	3.0177	41.711	.59719	-.00724	1.6347	.39581	1.3814
#2	2.9952	41.486	.59392	-.00543	1.6093	.39116	1.3922
#3	3.0201	41.828	.58512	-.00602	1.6182	.39198	1.3549

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.443	.00413	.29352	3.8011	3.3206	.11534	3.0670
Stddev	.061	.00029	.01016	.0442	.0407	.00122	.0061
%RSD	.53349	7.0909	3.4605	1.1642	1.2261	1.0620	.19903

#1	11.466	.00434	.29929	3.8248	3.3676	.11612	3.0696
#2	11.374	.00426	.29949	3.8284	3.2960	.11597	3.0600
#3	11.489	.00379	.28180	3.7500	3.2982	.11393	3.0714

Sample Name: K1019-07 Acquired: 1/4/2019 13:48:37 Type: Unk
Method: P4-ICP2(v2700) 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	.17097	7.189	-.17849	<.00000	F<.00000
Stddev	.00165	.063	.00377	.24210	3.1433
%RSD	.96498	.8740	2.1131	10.438	2.9669
#1	.17084	7.233	-.17790	-2.1718	-109.42
#2	.16939	7.217	-.18252	-2.5990	-105.11
#3	.17268	7.117	-.17505	-2.1879	-103.30
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4321.0	53492.	5396.7	90.186	3461.4
Stddev	23.8	415.	22.4	1.042	20.2
%RSD	.55035	.77576	.41509	1.1558	.58466
#1	4299.8	53152.	5374.2	89.962	3443.4
#2	4316.5	53955.	5419.0	89.274	3457.4
#3	4346.7	53370.	5396.9	91.322	3483.3

Sample Name: K1002-01DLX10 Acquired: 1/4/2019 13:52:35 Type: Unk
Method: P4-ICP2(v2700) 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	.01242	.00120	.05854	.00578	.00075	21.484	.06250	.00098
Stddev	.00186	.00129	.00167	.00130	.00141	.276	.00080	.00004
%RSD	15.001	107.04	2.8580	22.446	187.44	1.2868	1.2831	3.9313

#1	.01070	.00265	.05964	.00716	.00157	21.173	.06342	.00102
#2	.01217	.00017	.05937	.00559	.00156	21.578	.06207	.00095
#3	.01440	.00080	.05662	.00459	-.00088	21.702	.06200	.00097

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00120	3.7256	.04373	.00682	.01128	33.073	.18596	1.9012
Stddev	.00009	.0501	.00068	.00018	.00026	.383	.00126	.0688
%RSD	7.5854	1.3457	1.5436	2.6472	2.2798	1.1572	.67777	3.6180

#1	-.00111	3.6749	.04448	.00692	.01154	32.648	.18724	1.8269
#2	-.00121	3.7266	.04357	.00693	.01102	33.391	.18592	1.9627
#3	-.00129	3.7752	.04316	.00661	.01127	33.179	.18473	1.9139

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01013	-.00254	.03591	.06337	.06324	2.0202	.00058	.02761
Stddev	.00023	.00046	.01565	.00032	.00188	.0249	.00020	.00402
%RSD	2.3096	18.237	43.597	.50274	2.9781	1.2329	34.514	14.566

#1	.01039	-.00203	.05155	.06342	.06468	1.9965	.00080	.02794
#2	.00994	-.00293	.03593	.06365	.06395	2.0180	.00044	.03145
#3	.01005	-.00267	.02024	.06302	.06111	2.0462	.00048	.02343

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37103	.44563	.00217	.14383	.00801	.3522	-.01430	3.7214
Stddev	.00259	.00664	.00035	.00149	.00134	.0015	.00034	.3504
%RSD	.69876	1.4896	16.072	1.0328	16.722	.4345	2.3943	9.4171

#1	.37353	.45153	.00216	.14227	.00953	.3537	-.01400	4.1063
#2	.36836	.44693	.00252	.14399	.00698	.3524	-.01467	3.6371
#3	.37120	.43844	.00183	.14523	.00753	.3506	-.01422	3.4207

Sample Name: K1002-01DLX10 Acquired: 1/4/2019 13:52:35 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.8994
Stddev	.3054
%RSD	5.1775

#1	5.6314
#2	6.2320
#3	5.8347

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3656.5	45773.	4420.7	95.331	3772.2
Stddev	8.9	153.	62.6	1.604	14.0
%RSD	.24413	.33521	1.4163	1.6829	.37186

#1	3663.5	45606.	4352.8	94.558	3780.0
#2	3659.6	45805.	4433.1	94.258	3780.7
#3	3646.5	45908.	4476.2	97.175	3756.1

Sample Name: K1002-01DUPDLX10 Acquired: 1/4/2019 13:56:39 Type: Unk
Method: P4-ICP2(v2700) 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	.01037	.00169	.04460	.00467	-.00063	19.794	.05811	.00083
Stddev	.00146	.00083	.00182	.00195	.00197	.122	.00031	.00006
%RSD	14.041	49.401	4.0858	41.761	314.70	.61497	.53624	7.5584

#1	.00982	.00182	.04615	.00421	-.00234	19.840	.05824	.00090
#2	.01203	.00245	.04505	.00681	.00153	19.887	.05775	.00079
#3	.00927	.00080	.04259	.00299	-.00107	19.657	.05833	.00079

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00124	3.4308	.03871	.00561	.00897	30.421	.16789	1.7516
Stddev	.00020	.0296	.00085	.00028	.00156	.523	.00325	.0215
%RSD	16.393	.86291	2.1950	5.0034	17.391	1.7201	1.9334	1.2298

#1	-.00110	3.4113	.03966	.00574	.00990	30.182	.17147	1.7738
#2	-.00114	3.4649	.03847	.00581	.00984	30.061	.16707	1.7308
#3	-.00147	3.4163	.03801	.00529	.00717	31.022	.16513	1.7500

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00876	-.00226	-.02124	.05724	.05366	1.8491	.00065	.01963
Stddev	.00047	.00026	.01297	.00089	.00273	.0226	.00013	.00815
%RSD	5.4157	11.582	61.056	1.5606	5.0953	1.2223	19.662	41.521

#1	.00927	-.00244	-.01009	.05823	.05672	1.8583	.00066	.02457
#2	.00866	-.00196	-.01816	.05700	.05282	1.8656	.00051	.01022
#3	.00833	-.00240	-.03547	.05649	.05145	1.8233	.00077	.02410

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31551	.39617	.00156	.13303	.00784	.2991	-.01304	3.7004
Stddev	.01816	.01519	.00024	.00146	.00183	.0142	.00058	.3223
%RSD	5.7555	3.8353	15.188	1.0969	23.344	4.743	4.4389	8.7097

#1	.33561	.41297	.00134	.13358	.00898	.3140	-.01275	4.0520
#2	.31064	.39215	.00154	.13413	.00573	.2975	-.01267	3.4190
#3	.30029	.38339	.00181	.13137	.00881	.2858	-.01371	3.6301

Sample Name: K1002-01DUPDLX10 Acquired: 1/4/2019 13:56:39 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.6730
 Stddev .5304
 %RSD 7.9486

#1 6.1381
 #2 7.1988
 #3 6.6820

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3696.6	46006.	4440.3	96.200	3817.8
Stddev	22.8	426.	55.3	1.433	13.7
%RSD	.61802	.92588	1.2463	1.4900	.35886

#1	3677.7	45531.	4381.6	95.767	3802.2
#2	3690.1	46134.	4448.0	97.800	3827.8
#3	3722.0	46353.	4491.5	95.033	3823.4

Sample Name: K1002-01LDLX50 Acquired: 1/4/2019 14:00:43 Type: Unk
Method: P4-ICP2(v2700) 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	.00196	.00106	.01643	.00125	.00003	3.9199	.01222	.00020
Stddev	.00170	.00037	.00086	.00269	.00120	.0752	.00050	.00006
%RSD	86.571	35.075	5.2579	214.73	3538.4	1.9188	4.0538	28.865

#1	.00359	.00113	.01661	.00310	-.00029	3.8349	.01245	.00016
#2	.00209	.00139	.01719	-.00184	.00137	3.9473	.01166	.00026
#3	.00020	.00066	.01549	.00250	-.00097	3.9776	.01256	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00022	.70310	.00794	.00100	.00248	5.9988	.03489	.32250
Stddev	.00012	.01004	.00030	.00010	.00010	.0715	.00024	.04484
%RSD	52.014	1.4283	3.7357	9.8490	4.1233	1.1914	.68553	13.905

#1	-.00020	.69163	.00760	.00110	.00260	6.0537	.03498	.32125
#2	-.00035	.71032	.00814	.00090	.00242	6.0248	.03507	.36795
#3	-.00012	.70734	.00809	.00099	.00243	5.9180	.03462	.27829

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00230	-.00029	-.20697	.01140	.01140	.42493	-.00020	-.00323
Stddev	.00011	.00034	.00571	.00020	.00069	.01939	.00029	.00760
%RSD	4.7365	118.70	2.7579	1.7435	6.0598	4.5631	143.73	235.12

#1	.00239	-.00050	-.20043	.01134	.01204	.42613	-.00024	-.00628
#2	.00233	.00011	-.20956	.01124	.01149	.40496	-.00047	-.00884
#3	.00218	-.00047	-.21093	.01162	.01067	.44369	.00011	.00542

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06084	.11651	-.00047	.02832	.00123	.0628	-.00258	4.0082
Stddev	.00345	.00084	.00047	.00033	.00046	.0016	.00016	.0966
%RSD	5.6780	.71848	100.47	1.1508	37.882	2.548	6.1573	2.4091

#1	.06133	.11580	-.00078	.02809	.00170	.0642	-.00273	3.9652
#2	.06403	.11743	.00007	.02870	.00077	.0610	-.00261	4.1188
#3	.05717	.11631	-.00069	.02819	.00120	.0631	-.00241	3.9406

Sample Name: K1002-01LDLX50 Acquired: 1/4/2019 14:00:43 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .47381
 Stddev .39452
 %RSD 83.265

#1 .54235
 #2 .82956
 #3 .04951

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3639.2	45928.	4349.5	95.142	3825.6
Stddev	14.0	151.	35.5	3.409	30.1
%RSD	.38518	.32877	.81588	3.5832	.78569

#1	3631.6	45937.	4316.4	92.000	3808.4
#2	3630.6	45773.	4345.0	94.658	3808.2
#3	3655.4	46075.	4387.0	98.767	3860.3

Sample Name: K1002-01MSDLX10 Acquired: 1/4/2019 14:04:51 Type: Unk
Method: P4-ICP2(v2700) 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	.09477	.21880	.14585	.22234	.08866	17.530	.07260	.02291	.01987
Stddev	.00264	.00234	.00098	.00284	.00149	.086	.00036	.00014	.00023
%RSD	2.7826	1.0707	.67460	1.2754	1.6852	.48936	.49144	.63027	1.1531
#1	.09230	.21819	.14644	.22559	.09036	17.468	.07219	.02297	.02000
#2	.09447	.21682	.14472	.22038	.08807	17.628	.07272	.02275	.01961
#3	.09754	.22138	.14640	.22105	.08755	17.494	.07287	.02302	.02001
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1326	.08173	.02716	.04386	27.110	.17425	1.7535	.06225	.00659
Stddev	.0102	.00123	.00006	.00052	.270	.00027	.0172	.00088	.00029
%RSD	.32425	1.5097	.21247	1.1954	.99433	.15646	.98061	1.4062	4.4665
#1	3.1262	.08313	.02710	.04439	26.819	.17418	1.7579	.06246	.00663
#2	3.1443	.08080	.02720	.04386	27.351	.17455	1.7346	.06128	.00628
#3	3.1271	.08125	.02719	.04334	27.160	.17402	1.7681	.06299	.00686
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	.26521	.08415	.07772	2.7214	.04609	.04851	1.3015	.63539	.07490
Stddev	.00922	.00068	.00032	.0233	.00025	.00160	.0094	.00948	.00116
%RSD	3.4780	.80870	.40682	.85432	.55084	3.2980	.71815	1.4928	1.5546
#1	.26466	.08493	.07808	2.7322	.04637	.04891	1.3065	.64318	.07375
#2	.27471	.08368	.07749	2.7372	.04603	.04986	1.2907	.62482	.07485
#3	.25628	.08384	.07758	2.6947	.04588	.04674	1.3072	.63816	.07608
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.14113	.02817	.8810	.01022	3.8171	6.7585			
Stddev	.00123	.00104	.0061	.00018	.2244	.7662			
%RSD	.87087	3.7014	.6910	1.7197	5.8790	11.337			
#1	.13983	.02773	.8793	.01040	3.5836	7.2265			
#2	.14228	.02936	.8758	.01019	4.0311	5.8743			
#3	.14127	.02742	.8877	.01006	3.8368	7.1748			

Sample Name: K1002-01MSDLX10 Acquired: 1/4/2019 14:04:51 Type: Unk
Method: P4-ICP2(v2700) 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	3658.3	46092.	4399.7	94.925	3793.8
Stddev	12.1	75.	24.0	.087	21.9
%RSD	.33070	.16208	.54593	.09165	.57845
#1	3644.4	46027.	4378.2	95.025	3799.3
#2	3664.5	46075.	4425.6	94.883	3812.4
#3	3666.1	46173.	4395.2	94.867	3769.6

Sample Name: K1002-01MSDDLX10 Acquired: 1/4/2019 14:08:54 Type: Unk
Method: P4-ICP2(v2700) 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	.09523	.21733	.14336	.22027	.08815	17.519	.07229	.02287	.01971
Stddev	.00110	.00111	.00099	.00173	.00036	.043	.00062	.00014	.00015
%RSD	1.1501	.51295	.68979	.78664	.41308	.24599	.85926	.62755	.75104

#1	.09511	.21693	.14433	.22075	.08827	17.474	.07257	.02273	.01960
#2	.09421	.21859	.14340	.21834	.08774	17.521	.07158	.02301	.01988
#3	.09639	.21647	.14235	.22170	.08844	17.560	.07273	.02288	.01965

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1225	.08206	.02698	.04390	26.853	.17388	1.7605	.06183	.00655
Stddev	.0109	.00069	.00017	.00061	.214	.00030	.0313	.00035	.00066
%RSD	.35045	.84317	.64387	1.3890	.79864	.17234	1.7771	.56957	10.018

#1	3.1176	.08171	.02718	.04409	27.098	.17392	1.7350	.06200	.00708
#2	3.1149	.08285	.02692	.04321	26.700	.17357	1.7954	.06143	.00582
#3	3.1350	.08160	.02684	.04438	26.759	.17416	1.7511	.06207	.00675

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	.26438	.08443	.07711	2.7050	.04604	.05174	1.2874	.63215	.07483
Stddev	.01010	.00043	.00146	.0123	.00036	.00234	.0014	.00706	.00064
%RSD	3.8213	.51407	1.8929	.45474	.78796	4.5145	.10915	1.1169	.86035

#1	.27514	.08433	.07879	2.6908	.04633	.05317	1.2888	.63699	.07525
#2	.26292	.08491	.07613	2.7112	.04563	.04904	1.2875	.63541	.07515
#3	.25509	.08406	.07641	2.7129	.04616	.05300	1.2860	.62405	.07409

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14179	.02768	.8777	.01001	3.9069	5.9024
Stddev	.00062	.00009	.0031	.00016	.2589	.5347
%RSD	.43466	.33772	.3525	1.5724	6.6259	9.0595

#1	.14153	.02773	.8753	.00988	4.0344	5.5420
#2	.14249	.02757	.8812	.01019	3.6090	6.5168
#3	.14134	.02774	.8766	.00998	4.0772	5.6484

Sample Name: K1002-01MSDDLX10 Acquired: 1/4/2019 14:08:54 Type: Unk
Method: P4-ICP2(v2700) 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	3662.3	45834.	4421.0	95.514	3806.0
Stddev	9.7	69.	19.0	1.136	21.4
%RSD	.26383	.15006	.43013	1.1894	.56247
#1	3653.9	45756.	4412.5	94.250	3823.5
#2	3660.3	45886.	4442.8	96.450	3782.1
#3	3672.9	45861.	4407.7	95.842	3812.4

Sample Name: K1002-01ADLX10 Acquired: 1/4/2019 14:12:57 Type: Unk
Method: P4-ICP2(v2700) 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	.09463	.21830	.14354	.21950	.08708	17.415	.07265	.02278	.01982
Stddev	.00271	.00235	.00099	.00094	.00101	.051	.00101	.00015	.00010
%RSD	2.8584	1.0767	.69197	.42808	1.1550	.29030	1.3958	.65314	.52687

#1	.09530	.21994	.14462	.21889	.08693	17.412	.07381	.02295	.01994
#2	.09166	.21937	.14331	.22058	.08815	17.466	.07222	.02267	.01979
#3	.09694	.21561	.14268	.21904	.08616	17.365	.07192	.02272	.01974

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1145	.08173	.02704	.04365	27.008	.17288	1.7470	.06202	.00651
Stddev	.0153	.00094	.00007	.00052	.236	.00057	.0130	.00035	.00031
%RSD	.49077	1.1553	.25430	1.1927	.87305	.32685	.74571	.57058	4.7006

#1	3.1303	.08259	.02698	.04312	26.954	.17325	1.7620	.06227	.00655
#2	3.1136	.08072	.02712	.04368	26.804	.17316	1.7390	.06162	.00679
#3	3.0997	.08189	.02703	.04416	27.266	.17223	1.7400	.06218	.00618

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	.27266	.08403	.07725	2.7228	.04614	.04765	1.2945	.64134	.07446
Stddev	.00795	.00060	.00089	.0153	.00019	.01029	.0086	.01213	.00065
%RSD	2.9141	.71282	1.1474	.56123	.41563	21.594	.66089	1.8919	.87921

#1	.26791	.08381	.07801	2.7055	.04595	.04849	1.3003	.65447	.07512
#2	.28183	.08358	.07627	2.7342	.04633	.03696	1.2985	.63055	.07381
#3	.26824	.08471	.07747	2.7288	.04615	.05749	1.2847	.63899	.07446

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14284	.02844	.8766	.01022	3.7255	5.6241
Stddev	.00260	.00004	.0036	.00023	.0475	.8024
%RSD	1.8218	.14757	.4119	2.2934	1.2745	14.267

#1	.14284	.02843	.8798	.01024	3.7803	6.5274
#2	.14023	.02848	.8774	.01044	3.6975	5.3508
#3	.14544	.02840	.8727	.00997	3.6987	4.9940

Sample Name: K1002-01ADLX10 Acquired: 1/4/2019 14:12:57 Type: Unk
 Method: P4-ICP2(v2700) 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	3658.3	46061.	4388.5	94.950	3782.5
Stddev	7.5	192.	32.5	.991	18.7
%RSD	.20577	.41722	.74091	1.0433	.49485
#1	3652.7	45845.	4351.0	94.208	3767.4
#2	3655.4	46127.	4406.8	96.075	3776.7
#3	3666.9	46212.	4407.8	94.567	3803.5

Sample Name: K1019-01DLX10 Acquired: 1/4/2019 14:16:59 Type: Unk
Method: P4-ICP2(v2700) 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	.01405	.00079	.24033	.00631	.00026	16.927	.11514	.00100
Stddev	.00155	.00071	.00149	.00229	.00121	.103	.00089	.00002
%RSD	11.019	88.840	.62147	36.249	468.39	.61067	.76941	1.9615

#1	.01248	-.00002	.24198	.00399	.00075	16.997	.11616	.00100
#2	.01410	.00121	.23991	.00857	.00115	16.976	.11468	.00101
#3	.01558	.00120	.23909	.00638	-.00112	16.808	.11458	.00097

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00051	2.2916	.03240	.01307	.05796	29.557	.35480	4.6209
Stddev	.00004	.0288	.00040	.00008	.00048	.308	.00176	.0530
%RSD	7.0800	1.2557	1.2490	.64336	.82413	1.0404	.49630	1.1471

#1	-.00052	2.2652	.03284	.01298	.05775	29.889	.35615	4.6050
#2	-.00055	2.2874	.03229	.01309	.05762	29.502	.35544	4.6800
#3	-.00048	2.3223	.03205	.01314	.05850	29.281	.35281	4.5776

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05666	-.00203	-.07706	.04401	.22038	1.4028	.00221	.01785
Stddev	.00033	.00016	.00267	.00043	.00379	.0219	.00008	.00407
%RSD	.58201	7.7839	3.4715	.97646	1.7218	1.5591	3.6182	22.820

#1	.05697	-.00210	-.07537	.04362	.22454	1.4138	.00230	.01773
#2	.05670	-.00184	-.08014	.04447	.21948	1.3776	.00214	.02197
#3	.05632	-.00213	-.07566	.04394	.21711	1.4170	.00220	.01383

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4472	.42332	.00867	.34489	.01951	.6420	-.01157	3.6468
Stddev	.0075	.00862	.00031	.00432	.00159	.0018	.00038	.2105
%RSD	.51883	2.0364	3.5975	1.2534	8.1371	.2828	3.2526	5.7733

#1	1.4558	.41452	.00866	.34171	.01935	.6433	-.01194	3.8894
#2	1.4438	.43175	.00898	.34315	.02117	.6399	-.01159	3.5119
#3	1.4420	.42370	.00836	.34981	.01801	.6428	-.01119	3.5391

Sample Name: K1019-01DLX10 Acquired: 1/4/2019 14:16:59 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.1543
 Stddev .3473
 %RSD 4.8549

#1 6.8969
 #2 7.0167
 #3 7.5493

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3683.0	46557.	4437.4	94.739	3762.4
Stddev	21.1	258.	18.5	1.889	19.5
%RSD	.57315	.55480	.41798	1.9935	.51922

#1	3659.3	46275.	4422.6	92.733	3740.2
#2	3689.8	46613.	4431.5	95.000	3770.2
#3	3699.8	46782.	4458.2	96.483	3776.8

Sample Name: K1019-05DLX10 Acquired: 1/4/2019 14:21:00 Type: Unk
Method: P4-ICP2(v2700) 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	.07612	-.00065	8.6143	.02473	.06395	11.496	1.7507
Stddev	.00082	.00094	.0263	.00383	.00102	.045	.0056
%RSD	1.0810	144.08	.30569	15.491	1.6007	.39173	.31905

#1	.07705	-.00103	8.6350	.02059	.06302	11.467	1.7522
#2	.07550	-.00135	8.5847	.02544	.06378	11.548	1.7554
#3	.07580	.00042	8.6232	.02815	.06505	11.473	1.7445

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00114	.00430	45.611	.14563	.02812	7.6379	144.01
Stddev	.00005	.00004	.114	.00065	.00025	.0391	.88
%RSD	4.0534	.96844	.25013	.44923	.88387	.51233	.61081

#1	.00110	.00427	45.661	.14629	.02838	7.6698	144.60
#2	.00119	.00427	45.692	.14561	.02788	7.5942	144.43
#3	.00113	.00434	45.481	.14498	.02810	7.6496	143.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3267	27.566	.16604	-.00662	.15664	.06505	3.1866
Stddev	.0013	.152	.00011	.00074	.01043	.00033	.0249
%RSD	.09995	.55295	.06325	11.188	6.6601	.50654	.78064

#1	1.3270	27.625	.16595	-.00744	.15064	.06511	3.2131
#2	1.3253	27.681	.16616	-.00640	.16869	.06470	3.1831
#3	1.3279	27.393	.16602	-.00601	.15060	.06535	3.1637

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2231	.00096	.10677	2.0038	.32828	2.2921	.42968
Stddev	.0053	.00019	.01251	.0070	.00354	.0018	.00082
%RSD	.43294	19.688	11.721	.34924	1.0771	.07783	.19021

#1	1.2286	.00117	.11548	2.0079	.33133	2.2940	.43040
#2	1.2181	.00090	.09243	2.0077	.32441	2.2919	.42985
#3	1.2226	.00081	.11242	1.9957	.32911	2.2904	.42880

Sample Name: K1019-05DLX10 Acquired: 1/4/2019 14:21:00 Type: Unk
Method: P4-ICP2(v2700) 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	.02093	2.047	.22752	3.4791	F<.00000
Stddev	.00113	.006	.00128	.1565	.72861
%RSD	5.3868	.2882	.56450	4.4969	3.0698

#1	.02197	2.054	.22848	3.6567	-24.576
#2	.01973	2.045	.22803	3.3614	-23.329
#3	.02108	2.042	.22606	3.4193	-23.299

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3568.8	44992.	4382.1	93.021	3581.0
Stddev	19.3	56.	27.7	.800	12.1
%RSD	.54036	.12352	.63317	.86034	.33860

#1	3549.8	44934.	4353.7	92.183	3567.1
#2	3588.4	45045.	4383.6	93.104	3589.6
#3	3568.3	44998.	4409.1	93.777	3586.3

Sample Name: CCV03 Acquired: 1/4/2019 14:24:50 Type: Unk
Method: P4-ICP2(v2700) 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	5.2161	5.2049	5.2263	5.2462	5.2407	10.639	10.290	.26314
Stddev	.0149	.0154	.0212	.0207	.0159	.118	.038	.00115
%RSD	.28483	.29668	.40509	.39475	.30330	1.1098	.37289	.43559
#1	5.2021	5.1934	5.2077	5.2225	5.2283	10.604	10.291	.26199
#2	5.2317	5.2225	5.2494	5.2607	5.2586	10.543	10.251	.26315
#3	5.2144	5.1990	5.2219	5.2554	5.2352	10.771	10.328	.26428
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5793	26.141	1.0853	2.5781	1.3102	5.2398	2.6511	25.124
Stddev	.0096	.143	.0053	.0122	.0040	.0810	.0090	.160
%RSD	.37289	.54890	.48879	.47396	.30325	1.5460	.33812	.63524
#1	2.5725	26.159	1.0836	2.5690	1.3058	5.3199	2.6440	25.144
#2	2.5903	25.989	1.0810	2.5920	1.3134	5.2414	2.6482	24.955
#3	2.5750	26.274	1.0912	2.5734	1.3115	5.1579	2.6612	25.272
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6271	1.3645	24.965	2.6155	2.6932	25.306	5.2581	5.0326
Stddev	.0121	.0069	.108	.0100	.0568	.110	.0183	.0042
%RSD	.46137	.50218	.43306	.38126	2.1072	.43571	.34870	.08374
#1	2.6147	1.3656	25.049	2.6100	2.7425	25.337	5.2392	5.0282
#2	2.6389	1.3571	24.843	2.6095	2.7060	25.183	5.2758	5.0366
#3	2.6277	1.3707	25.002	2.6270	2.6312	25.397	5.2592	5.0331
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1124	5.0834	5.1937	5.2684	5.0807	5.162	5.2975	F 5.7802
Stddev	.0273	.0138	.0251	.0152	.0200	.019	.0184	.1216
%RSD	.53411	.27230	.48377	.28933	.39447	.3703	.34659	2.1040
#1	5.0885	5.0993	5.1712	5.2791	5.0901	5.147	5.3134	5.7891
#2	5.1422	5.0763	5.2208	5.2510	5.0576	5.183	5.2774	5.6543
#3	5.1064	5.0745	5.1893	5.2753	5.0942	5.156	5.3017	5.8970

Sample Name: CCV03 Acquired: 1/4/2019 14:24:50 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6575
Stddev	.4475
%RSD	27.001

#1	2.0236
#2	1.7903
#3	1.1586

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3496.8	43765.	4294.4	89.639	3450.9
Stddev	10.4	90.	16.6	2.158	16.6
%RSD	.29598	.20648	.38707	2.4074	.48193

#1	3495.7	43756.	4279.7	87.717	3449.5
#2	3487.0	43860.	4291.1	89.228	3435.0
#3	3507.7	43680.	4312.5	91.973	3468.2

Sample Name: CCB03 Acquired: 1/4/2019 14:28:27 Type: Unk
Method: P4-ICP2(v2700) 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	.00075	.00183	F .00825	.00477	.00068	-.00546	.00071
Stddev	.00181	.00061	.00113	.00175	.00148	.00824	.00085
%RSD	240.30	33.487	13.670	36.658	217.96	150.91	120.99

#1	.00161	.00211	.00930	.00281	-.00092	-.01028	.00128
#2	-.00133	.00225	.00706	.00534	.00199	-.01016	.00111
#3	.00198	.00112	.00839	.00617	.00097	.00405	-.00027

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00002	.00300	.00026	-.00018	.00028	-.00557
Stddev	.00002	.00006	.01552	.00005	.00017	.00041	.01224
%RSD	26.754	257.91	517.73	19.557	98.395	147.88	219.62

#1	.00008	.00010	.01224	.00031	-.00001	-.00017	.00019
#2	.00006	-.00001	-.01492	.00025	-.00036	.00064	-.01962
#3	.00005	-.00002	.01167	.00021	-.00017	.00037	.00272

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	.01830	.00065	-.00020	-.25761	-.00010	.00006
Stddev	.00003	.03033	.00044	.00061	.01425	.00031	.00005
%RSD	21.727	165.73	67.160	311.07	5.5303	306.38	82.778

#1	-.00013	-.01439	.00021	.00049	-.24128	-.00031	.00007
#2	-.00010	.02376	.00067	-.00039	-.26749	.00025	.00010
#3	-.00016	.04554	.00108	-.00069	-.26406	-.00024	.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03625	.00029	.00172	-.00508	.00161	-.00049	.00218
Stddev	.02152	.00015	.00397	.00045	.00142	.00049	.00071
%RSD	59.373	52.300	230.50	8.7844	88.115	101.42	32.678

#1	.05473	.00020	-.00200	-.00489	.00103	-.00020	.00161
#2	.04139	.00020	.00591	-.00558	.00058	-.00106	.00298
#3	.01262	.00046	.00127	-.00475	.00323	-.00020	.00195

Sample Name: CCB03 Acquired: 1/4/2019 14:28:27 Type: Unk
Method: P4-ICP2(v2700) 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	.00043	.0010	.00010	F 4.3681	F<.00000
Stddev	.00211	.0012	.00008	.2301	.28270
%RSD	487.20	122.9	83.600	5.2670	29.513
#1	.00216	-.0001	.00019	4.4229	-.65868
#2	.00105	.0023	.00002	4.1156	-1.2205
#3	-.00191	.0008	.00010	4.5658	-.99451
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3635.2	45736.	4353.3	93.122	3866.2
Stddev	8.9	214.	39.4	1.358	15.1
%RSD	.24384	.46815	.90462	1.4585	.38983
#1	3638.5	45601.	4398.8	93.467	3852.5
#2	3625.2	45983.	4330.0	91.625	3882.4
#3	3642.0	45624.	4331.2	94.275	3863.6

Sample Name: PB116123BL Acquired: 1/4/2019 14:32:34 Type: Unk
Method: P4-ICP2(v2700) 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	.00119	.00140	F .00513	.00019	.00036	.00058	.00108
Stddev	.00107	.00086	.00073	.00161	.00094	.00399	.00047
%RSD	89.991	61.913	14.230	848.29	260.67	690.00	43.920

#1	.00115	.00114	.00544	.00176	-.00052	.00243	.00057
#2	.00014	.00069	.00429	.00026	.00136	.00330	.00117
#3	.00227	.00236	.00565	-.00145	.00025	-.00400	.00150

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00005	-.00369	.00006	-.00018	.00003	-.00056
Stddev	.00003	.00006	.00365	.00029	.00027	.00046	.00475
%RSD	95.778	130.22	98.797	522.08	149.59	1666.9	844.95

#1	.00006	.00000	-.00181	-.00024	-.00048	.00012	.00420
#2	-.00000	.00011	-.00137	.00034	.00004	-.00047	-.00529
#3	.00005	.00002	-.00789	.00006	-.00011	.00043	-.00060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.01302	.00069	-.00030	-.25246	-.00010	-.00018
Stddev	.00009	.01983	.00023	.00011	.01659	.00042	.00007
%RSD	75.318	152.26	33.735	37.046	6.5733	436.30	37.383

#1	-.00022	.00204	.00073	-.00026	-.23341	-.00056	-.00023
#2	-.00008	-.00562	.00044	-.00043	-.26019	.00001	-.00010
#3	-.00006	-.03549	.00090	-.00022	-.26378	.00026	-.00020

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05296	-.00012	-.00939	-.00204	-.00042	-.00118	.00218
Stddev	.00550	.00024	.00205	.00287	.00314	.00018	.00091
%RSD	10.390	196.25	21.801	140.67	750.80	15.544	41.792

#1	.05063	-.00025	-.00979	-.00399	-.00389	-.00126	.00220
#2	.05925	.00015	-.00717	-.00340	.00222	-.00097	.00309
#3	.04901	-.00026	-.01120	.00126	.00041	-.00131	.00126

Sample Name: PB116123BL Acquired: 1/4/2019 14:32:34 Type: Unk
Method: P4-ICP2(v2700) 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	-.00062	.0002	-.00002	F 3.9719	F<.00000
Stddev	.00089	.0007	.00006	.0533	.47458
%RSD	144.36	353.9	260.66	1.3427	66.399
#1	-.00161	.0007	.00004	3.9699	-.99195
#2	.00012	-.0006	-.00009	3.9196	-.16675
#3	-.00037	.0005	-.00002	4.0262	-.98552
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3635.1	45936.	4338.3	94.925	3882.0
Stddev	11.2	116.	6.9	.492	13.9
%RSD	.30933	.25200	.15905	.51818	.35919
#1	3640.3	45838.	4344.9	94.675	3874.2
#2	3642.8	45907.	4331.2	95.492	3898.1
#3	3622.2	46064.	4338.9	94.608	3873.6

Sample Name: PB116123BS Acquired: 1/4/2019 14:36:42 Type: Unk
Method: P4-ICP2(v2700) 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	.79564	2.0268	1.0039	2.0317	.82849	2.0349	.20946
Stddev	.00321	.0015	.0026	.0065	.00127	.0181	.00034
%RSD	.40386	.07633	.25833	.32159	.15284	.88705	.16069

#1	.79862	2.0251	1.0010	2.0354	.82950	2.0170	.20984
#2	.79605	2.0282	1.0058	2.0356	.82890	2.0531	.20936
#3	.79223	2.0271	1.0050	2.0242	.82707	2.0347	.20919

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20614	.19388	1.0683	.43430	.20035	.33089	3.1219
Stddev	.00052	.00062	.0218	.00052	.00064	.00064	.0546
%RSD	.25368	.31923	2.0413	.11910	.32046	.19475	1.7482

#1	.20671	.19320	1.0934	.43431	.19961	.33107	3.1346
#2	.20569	.19442	1.0562	.43378	.20064	.33017	3.1690
#3	.20603	.19401	1.0552	.43481	.20079	.33142	3.0621

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21727	1.9894	.50178	.07695	2.8289	.31089	.21594
Stddev	.00029	.0328	.00179	.00058	.0075	.00074	.00519
%RSD	.13533	1.6496	.35625	.75368	.26540	.23681	2.4018

#1	.21727	1.9549	.49972	.07762	2.8217	.31148	.21948
#2	.21697	2.0202	.50295	.07665	2.8367	.31006	.21836
#3	.21756	1.9931	.50266	.07658	2.8282	.31113	.20999

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.406	.42546	.29734	9.0919	.98523	.69071	.21052
Stddev	.029	.00112	.00313	.0309	.00715	.00176	.00238
%RSD	.27927	.26344	1.0518	.33981	.72526	.25521	1.1289

#1	10.378	.42657	.29877	9.0567	.99205	.68909	.20797
#2	10.404	.42547	.29375	9.1044	.98585	.69046	.21093
#3	10.436	.42433	.29949	9.1146	.97780	.69259	.21267

Sample Name: PB116123BS Acquired: 1/4/2019 14:36:42 Type: Unk
Method: P4-ICP2(v2700) 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	.21026	5.477	.20648	F 3.9585	F<.00000
Stddev	.00123	.007	.00025	.0605	.17724
%RSD	.58296	.1352	.12217	1.5279	7.6501
#1	.21105	5.468	.20675	3.9758	-2.4948
#2	.20885	5.480	.20646	3.8913	-2.3154
#3	.21087	5.482	.20624	4.0085	-2.1403
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3609.3	45672.	4294.3	93.792	3839.1
Stddev	6.3	129.	43.2	2.390	16.2
%RSD	.17359	.28308	1.0053	2.5486	.42069
#1	3609.7	45542.	4245.7	92.325	3854.7
#2	3602.8	45672.	4309.1	92.500	3822.4
#3	3615.3	45800.	4328.1	96.550	3840.2

Sample Name: K1038-01 Acquired: 1/4/2019 14:40:28 Type: Unk
Method: P4-ICP2(v2700) 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	.00058	.00006	.00663	.00317	-.00328	.05685	.12830	.00001
Stddev	.00139	.00096	.00261	.00233	.00055	.00540	.00062	.00004
%RSD	236.91	1643.9	39.453	73.534	16.846	9.4913	.48234	675.42
#1	-.00094	-.00029	.00963	.00078	-.00289	.05622	.12787	.00001
#2	.00176	-.00068	.00486	.00543	-.00391	.05179	.12901	.00005
#3	.00093	.00114	.00539	.00328	-.00303	.06253	.12803	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	161.83	.00024	-.00028	.00035	-.04869	.00040	56.719
Stddev	.00006	1.17	.00010	.00027	.00042	.00796	.00004	.251
%RSD	63.882	.72562	43.717	98.250	120.93	16.345	10.101	.44190
#1	-.00017	161.57	.00035	-.00014	.00039	-.05766	.00040	56.484
#2	-.00005	160.81	.00019	-.00059	-.00009	-.04247	.00036	56.983
#3	-.00008	163.11	.00016	-.00010	.00075	-.04594	.00044	56.691
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	-.00008	810.90	.00142	.09506	29.483	.01504	.32013
Stddev	.00019	.00075	9.17	.00035	.00285	.274	.00020	.00709
%RSD	52.418	928.49	1.1303	24.877	2.9961	.92929	1.3255	2.2137
#1	-.00040	.00043	811.03	.00102	.09706	29.380	.01483	.32831
#2	-.00016	.00026	801.66	.00154	.09180	29.275	.01504	.31627
#3	-.00054	-.00094	819.99	.00170	.09633	29.794	.01523	.31581
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 76.397	F 13.700	-.02980	-.00331	.02734	.0347	.95699	7.4488
Stddev	.528	.109	.00037	.00125	.00185	.0022	.00815	.1260
%RSD	.69161	.79706	1.2321	37.794	6.7687	6.269	.85124	1.6921
#1	75.884	13.723	-.02957	-.00205	.02737	.0339	.95415	7.5940
#2	76.940	13.582	-.03023	-.00455	.02548	.0331	.95065	7.3678
#3	76.367	13.796	-.02961	-.00332	.02918	.0372	.96618	7.3846

Sample Name: K1038-01 Acquired: 1/4/2019 14:40:28 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.7569
Stddev	.7876
%RSD	20.963

#1	2.9354
#2	4.5054
#3	3.8298

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3251.2	39983.	4321.2	92.659	3138.0
Stddev	19.8	54.	32.2	2.486	21.0
%RSD	.60855	.13477	.74527	2.6828	.67067

#1	3273.4	39924.	4318.0	91.447	3161.2
#2	3235.3	40029.	4354.9	95.519	3120.1
#3	3245.0	39996.	4290.7	91.012	3132.7

Sample Name: PB116165BL Acquired: 1/4/2019 14:44:40 Type: Unk
Method: P4-ICP2(v2700) 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	.00117	.00093	F .00342	.00059	.00122	-.00523	-.00011
Stddev	.00075	.00149	.00074	.00146	.00116	.01195	.00111
%RSD	64.448	159.31	21.527	246.11	94.992	228.53	974.70

#1	.00030	.00008	.00383	.00050	-.00010	-.00503	.00086
#2	.00163	.00007	.00385	.00210	.00207	.00662	-.00132
#3	.00158	.00265	.00257	-.00082	.00170	-.01728	.00012

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00001	.00751	.00022	-.00016	.00002	-.00445
Stddev	.00003	.00004	.00985	.00046	.00001	.00019	.01174
%RSD	343.25	447.73	131.27	204.46	4.4629	1136.4	263.52

#1	-.00001	.00002	.01681	-.00030	-.00016	-.00001	-.00464
#2	-.00003	.00004	.00852	.00051	-.00017	.00022	.00738
#3	.00002	-.00004	-.00282	.00046	-.00015	-.00016	-.01610

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.01561	.00056	-.00008	-.00832	.00007	-.00023
Stddev	.00004	.02096	.00010	.00025	.03207	.00017	.00011
%RSD	29.371	134.30	17.626	291.54	385.27	252.65	48.940

#1	-.00017	-.02173	.00045	-.00011	.02103	-.00009	-.00010
#2	-.00009	.00773	.00065	.00017	-.00345	.00005	-.00031
#3	-.00015	-.03283	.00057	-.00032	-.04255	.00025	-.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12980	.00003	-.01112	F .00967	.00134	-.00143	-.00032
Stddev	.02614	.00031	.00266	.00169	.00080	.00030	.00096
%RSD	20.142	973.65	23.921	17.452	59.694	21.230	298.46

#1	.14886	-.00030	-.01378	.01107	.00224	-.00136	-.00135
#2	.10000	.00009	-.01113	.01015	.00107	-.00176	-.00018
#3	.14054	.00031	-.00846	.00780	.00071	-.00116	.00056

Sample Name: PB116165BL Acquired: 1/4/2019 14:44:40 Type: Unk
Method: P4-ICP2(v2700) 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	-.00091	-.0001	.00008	F 4.1960	F<.00000
Stddev	.00110	.0008	.00007	.2099	.55558
%RSD	121.45	892.3	84.114	5.0034	45.960
#1	-.00183	-.0010	.00016	4.4219	-1.8091
#2	.00031	.0005	.00006	4.1592	-.71264
#3	-.00121	.0003	.00003	4.0069	-1.1048
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3620.4	45606.	4330.5	93.369	3852.3
Stddev	7.9	54.	20.6	.915	15.2
%RSD	.21932	.11945	.47573	.98036	.39583
#1	3611.8	45583.	4306.9	92.358	3835.4
#2	3622.0	45669.	4339.4	93.608	3865.2
#3	3627.4	45567.	4345.1	94.142	3856.1

Sample Name: PB116165BS Acquired: 1/4/2019 14:48:49 Type: Unk
Method: P4-ICP2(v2700) 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	.79065	2.0393	1.0005	2.0374	.82237	2.0209	.20828
Stddev	.00590	.0032	.0022	.0093	.00056	.0117	.00518
%RSD	.74681	.15477	.22529	.45512	.06784	.57894	2.4858
#1	.78655	2.0358	.99789	2.0293	.82222	2.0191	.21367
#2	.79742	2.0403	1.0016	2.0475	.82299	2.0334	.20335
#3	.78799	2.0420	1.0020	2.0354	.82191	2.0102	.20783
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20608	.19665	1.0845	.43852	.20143	.32615	3.0569
Stddev	.00155	.00095	.0026	.00063	.00140	.00093	.1204
%RSD	.75434	.48210	.24328	.14348	.69426	.28427	3.9401
#1	.20771	.19567	1.0842	.43891	.20013	.32698	3.1923
#2	.20593	.19756	1.0819	.43885	.20291	.32632	3.0165
#3	.20461	.19671	1.0872	.43779	.20126	.32515	2.9619
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21774	1.9934	.50538	.07713	2.9053	.31181	.21306
Stddev	.00161	.0498	.00153	.00092	.0740	.00182	.00723
%RSD	.73871	2.4972	.30278	1.1990	2.5473	.58315	3.3957
#1	.21960	2.0509	.50362	.07629	2.9877	.31386	.22132
#2	.21679	1.9637	.50625	.07698	2.8446	.31115	.21001
#3	.21684	1.9657	.50628	.07812	2.8835	.31041	.20786
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.336	.42771	.28867	F -.00264	.97406	.69735	.20985
Stddev	.200	.00096	.00268	.00179	.01741	.00157	.00322
%RSD	1.9315	.22477	.92763	67.719	1.7874	.22555	1.5353
#1	10.559	.42766	.29148	-.00447	.99416	.69575	.21171
#2	10.174	.42869	.28837	-.00255	.96372	.69890	.20613
#3	10.275	.42677	.28615	-.00090	.96430	.69741	.21171

Sample Name: PB116165BS Acquired: 1/4/2019 14:48:49 Type: Unk
 Method: P4-ICP2(v2700) 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	.20906	5.526	.20696	F 4.3602	F<.00000
Stddev	.00441	.013	.00308	.1432	1.1307
%RSD	2.1091	.2303	1.4879	3.2849	43.385
#1	.21414	5.512	.21000	4.4590	-3.4838
#2	.20679	5.537	.20384	4.1959	-3.0048
#3	.20625	5.529	.20704	4.4255	-1.3303
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3608.1	45381.	4273.3	94.719	3783.2
Stddev	8.8	174.	74.3	3.330	7.9
%RSD	.24295	.38311	1.7396	3.5161	.20755
#1	3601.0	45181.	4190.9	90.925	3789.0
#2	3605.4	45495.	4335.4	96.075	3774.2
#3	3617.9	45466.	4293.6	97.158	3786.2

Sample Name: K1002-03 Acquired: 1/4/2019 14:52:36 Type: Unk
Method: P4-ICP2(v2700) 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	.06932	-.00143	.11305	.04226	.00596	148.46	.70517
Stddev	.00202	.00071	.00106	.00178	.00051	.72	.01678
%RSD	2.9157	49.899	.93936	4.2186	8.4691	.48439	2.3789

#1	.07158	-.00083	.11207	.04270	.00647	147.76	.71505
#2	.06767	-.00222	.11418	.04378	.00546	148.44	.68580
#3	.06872	-.00124	.11290	.04030	.00597	149.19	.71465

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00655	-.00773	20.027	.29987	.04515	.02199	240.82
Stddev	.00012	.00045	.495	.00326	.00032	.00150	2.86
%RSD	1.8200	5.7769	2.4707	1.0875	.71549	6.8341	1.1869

#1	.00643	-.00758	20.262	.29615	.04492	.02267	240.56
#2	.00654	-.00738	19.458	.30125	.04552	.02303	238.10
#3	.00667	-.00824	20.361	.30222	.04502	.02027	243.80

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97986	14.310	.06870	-.01029	2.6569	.40149	.26953
Stddev	.00317	.295	.00090	.00041	.0675	.00385	.00173
%RSD	.32386	2.0635	1.3128	3.9412	2.5405	.95886	.64162

#1	.97690	14.450	.06810	-.00997	2.6809	.39723	.27022
#2	.98321	13.971	.06973	-.01075	2.5807	.40253	.26757
#3	.97945	14.509	.06825	-.01016	2.7091	.40472	.27081

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.725	.00398	.25635	1.7574	2.3776	.00707	1.4061
Stddev	.305	.00006	.01385	.0038	.0438	.00037	.0293
%RSD	2.2245	1.5240	5.4040	.21661	1.8413	5.2691	2.0869

#1	13.936	.00399	.24478	1.7564	2.3896	.00666	1.4196
#2	13.375	.00391	.27170	1.7542	2.3290	.00716	1.3724
#3	13.865	.00403	.25257	1.7616	2.4140	.00739	1.4263

Sample Name: K1002-03 Acquired: 1/4/2019 14:52:36 Type: Unk
Method: P4-ICP2(v2700) 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	.06202	2.893	-.13620	.60894	F<.00000
Stddev	.00196	.002	.00130	.10512	.92442
%RSD	3.1538	.0649	.95247	17.263	1.1982

#1	.06399	2.893	-.13482	.72006	-76.579
#2	.06008	2.891	-.13639	.59571	-76.651
#3	.06199	2.895	-.13739	.51107	-78.215

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3919.4	48885.	4936.5	92.859	3514.4
Stddev	13.7	17.	116.3	.771	6.4
%RSD	.34955	.03433	2.3559	.83082	.18232

#1	3903.7	48902.	4855.2	92.519	3507.0
#2	3928.7	48869.	5069.7	93.742	3517.9
#3	3925.9	48882.	4884.7	92.315	3518.3

Sample Name: K1002-05 Acquired: 1/4/2019 14:56:40 Type: Unk
Method: P4-ICP2(v2700) 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	.06305	-.00129	.14513	.02953	.00343	85.263	.26161
Stddev	.00231	.00065	.00073	.00342	.00151	.244	.00307
%RSD	3.6557	50.713	.50638	11.574	43.961	.28655	1.1718

#1	.06060	-.00148	.14595	.02559	.00431	85.005	.26367
#2	.06339	-.00056	.14454	.03178	.00169	85.491	.26307
#3	.06517	-.00182	.14490	.03121	.00428	85.293	.25808

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00448	-.00510	45.057	.20125	.02882	.04618	174.57
Stddev	.00007	.00038	.385	.00052	.00023	.00111	3.26
%RSD	1.6640	7.5388	.85451	.25632	.80465	2.4103	1.8679

#1	.00440	-.00548	45.103	.20133	.02907	.04560	176.97
#2	.00450	-.00512	45.417	.20172	.02862	.04548	175.89
#3	.00455	-.00471	44.652	.20070	.02876	.04747	170.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77119	14.595	.05815	-.00878	.79248	.27885	.31593
Stddev	.00072	.072	.00025	.00059	.00736	.00124	.00617
%RSD	.09328	.49329	.42916	6.6859	.92838	.44433	1.9535

#1	.77100	14.648	.05829	-.00874	.79936	.27748	.32194
#2	.77199	14.624	.05786	-.00822	.79336	.27990	.31626
#3	.77059	14.513	.05830	-.00939	.78472	.27916	.30961

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6790	.00389	.17170	F 14.800	2.6140	.00247	.87967
Stddev	.0438	.00011	.00541	.043	.0419	.00059	.00251
%RSD	.45214	2.7196	3.1531	.29020	1.6034	23.981	.28552

#1	9.6318	.00392	.17774	14.806	2.6461	.00223	.88168
#2	9.7181	.00377	.16728	14.840	2.6294	.00204	.88047
#3	9.6872	.00397	.17008	14.754	2.5666	.00315	.87685

Sample Name: K1002-05 Acquired: 1/4/2019 14:56:40 Type: Unk
 Method: P4-ICP2(v2700) 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	.05007	3.267	.01840	2.0361	F<.00000
Stddev	.00237	.005	.00337	.2370	.13644
%RSD	4.7331	.1579	18.320	11.641	.32887

#1	.04978	3.271	.01550	2.2876	-41.359
#2	.04786	3.261	.01760	1.8168	-41.475
#3	.05258	3.270	.02210	2.0038	-41.631

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3836.3	48033.	4840.9	94.581	3576.1
Stddev	7.9	113.	58.3	2.082	14.9
%RSD	.20655	.23605	1.2044	2.2016	.41681

#1	3832.4	47918.	4796.1	92.649	3571.2
#2	3831.0	48038.	4819.8	94.308	3564.3
#3	3845.4	48145.	4906.8	96.787	3592.9

Sample Name: K1002-07 Acquired: 1/4/2019 15:00:35 Type: Unk
Method: P4-ICP2(v2700) 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	.05653	.00068	.13906	.04102	.00514	78.600	.27982
Stddev	.00119	.00144	.00173	.00190	.00159	.042	.00385
%RSD	2.0984	210.96	1.2445	4.6252	30.923	.05402	1.3742

#1	.05761	-.00053	.13794	.04167	.00464	78.602	.28268
#2	.05526	.00228	.13820	.03888	.00691	78.641	.27545
#3	.05673	.00031	.14106	.04250	.00385	78.556	.28132

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00572	-.00739	38.674	.27615	.03365	.02291	233.75
Stddev	.00004	.00073	.326	.00027	.00019	.00244	6.36
%RSD	.66275	9.8356	.84300	.09913	.56165	10.671	2.7216

#1	.00577	-.00764	38.856	.27609	.03362	.02199	235.54
#2	.00570	-.00797	38.298	.27592	.03347	.02106	239.03
#3	.00570	-.00658	38.869	.27645	.03385	.02568	226.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94554	17.454	.05992	-.01077	2.4089	.42872	.31174
Stddev	.00139	.119	.00022	.00077	.0154	.00116	.00889
%RSD	.14691	.68032	.36672	7.1123	.63722	.27033	2.8515

#1	.94679	17.432	.06014	-.01012	2.4029	.42740	.31447
#2	.94405	17.347	.05993	-.01057	2.4263	.42959	.31895
#3	.94579	17.582	.05970	-.01161	2.3974	.42916	.30181

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.617	.00342	.27588	2.6892	3.0257	.00949	.82351
Stddev	.183	.00030	.01229	.0078	.0305	.00066	.00838
%RSD	1.0411	8.7037	4.4565	.28967	1.0063	6.9515	1.0180

#1	17.794	.00372	.28762	2.6827	3.0334	.00875	.81945
#2	17.428	.00312	.27694	2.6978	2.9922	.01001	.81793
#3	17.631	.00343	.26310	2.6870	3.0516	.00970	.83315

Sample Name: K1002-07 Acquired: 1/4/2019 15:00:35 Type: Unk
Method: P4-ICP2(v2700) 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	.05438	3.639	-.05181	1.3877	F<.00000
Stddev	.00152	.011	.00759	.0542	.59810
%RSD	2.7995	.3098	14.656	3.9050	.85255
#1	.05607	3.647	-.05397	1.4005	-69.529
#2	.05393	3.644	-.05809	1.3282	-70.721
#3	.05313	3.626	-.04337	1.4343	-70.213
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3776.9	47712.	4743.2	92.420	3515.4
Stddev	8.3	94.	53.9	2.629	6.6
%RSD	.21932	.19609	1.1366	2.8445	.18715
#1	3768.2	47605.	4703.5	91.356	3508.1
#2	3784.7	47779.	4804.5	90.490	3517.3
#3	3777.8	47752.	4721.5	95.414	3520.9

Sample Name: K1004-02 Acquired: 1/4/2019 15:04:29 Type: Unk
Method: P4-ICP2(v2700) 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	.03725	-.01413	19.182	.09058	-.19019	66.012	2.5655
Stddev	.00064	.00208	.085	.00260	.00222	.722	.0249
%RSD	1.7252	14.751	.44251	2.8708	1.1696	1.0943	.97217

#1	.03664	-.01415	19.114	.09081	-.18764	65.621	2.5941
#2	.03718	-.01621	19.277	.08788	-.19170	66.845	2.5481
#3	.03792	-.01204	19.155	.09306	-.19124	65.568	2.5544

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00372	-.02381	196.10	F 14.203	.29741	100.14	577.15
Stddev	.00010	.00044	1.22	.197	.00079	.45	3.84
%RSD	2.7502	1.8638	.62072	1.3876	.26719	.45408	.66476

#1	.00360	-.02365	197.49	14.106	.29794	99.679	574.18
#2	.00379	-.02348	195.22	14.430	.29780	100.59	575.78
#3	.00376	-.02432	195.59	14.073	.29650	100.17	581.48

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6270	19.864	F 223.91	.01649	F 2009.9	.11187	F 56.893
Stddev	.0504	.098	2.60	.00106	50.9	.00239	.519
%RSD	1.3901	.49431	1.1624	6.4377	2.5306	2.1328	.91209

#1	3.5961	19.963	222.39	.01584	2065.9	.11086	56.371
#2	3.6852	19.767	226.92	.01591	1997.2	.11459	57.409
#3	3.5997	19.862	222.43	.01771	1966.6	.11015	56.900

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	524.93	.05297	F 65.212	F 466.75	4.6869	.49754	.95318
Stddev	2.52	.00050	.556	2.71	.0426	.00363	.00538
%RSD	.47955	.94061	.85268	.58064	.90894	.72976	.56407

#1	524.46	.05250	65.839	464.61	4.7221	.49657	.95567
#2	527.65	.05292	64.781	469.80	4.6991	.50156	.95686
#3	522.68	.05349	65.016	465.85	4.6396	.49449	.94701

Sample Name: K1004-02 Acquired: 1/4/2019 15:04:29 Type: Unk
Method: P4-ICP2(v2700) 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	.16060	F 92.85	.30250	4.7663	F<.00000
Stddev	.00223	.49	.01193	.1399	2.4168
%RSD	1.3890	.5323	3.9422	2.9351	1.2639
#1	.15803	92.43	.31606	4.8109	-191.76
#2	.16183	93.39	.29780	4.8785	-193.31
#3	.16195	92.73	.29364	4.6096	-188.57
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2947.9	37365.	4367.5	78.810	2388.8
Stddev	10.4	529.	30.8	.658	10.1
%RSD	.35204	1.4148	.70538	.83435	.42399
#1	2956.3	37586.	4336.6	79.563	2391.9
#2	2936.3	36761.	4367.5	78.515	2377.5
#3	2951.2	37747.	4398.3	78.351	2397.0

Sample Name: K1016-01 Acquired: 1/4/2019 15:08:56 Type: Unk
Method: P4-ICP2(v2700) 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	.05301	-.00572	.49538	.04622	.00542	135.40	.52726
Stddev	.00143	.00112	.00235	.00220	.00117	.86	.00405
%RSD	2.6948	19.505	.47414	4.7663	21.508	.63312	.76885

#1	.05163	-.00492	.49546	.04786	.00422	135.57	.53163
#2	.05448	-.00526	.49769	.04372	.00548	136.16	.52363
#3	.05292	-.00700	.49300	.04708	.00655	134.47	.52650

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00631	-.00628	118.12	.26481	.11898	.55690	260.81
Stddev	.00012	.00036	.73	.00045	.00030	.00149	3.30
%RSD	1.8515	5.7635	.61419	.17168	.25363	.26832	1.2650

#1	.00623	-.00668	118.54	.26525	.11884	.55526	264.37
#2	.00625	-.00598	117.28	.26483	.11878	.55726	257.85
#3	.00644	-.00617	118.53	.26434	.11933	.55818	260.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0550	79.878	.27772	-.00774	8.0888	.53550	.80352
Stddev	.0024	1.006	.00051	.00037	.1443	.00216	.01221
%RSD	.07851	1.2599	.18208	4.7910	1.7839	.40420	1.5202

#1	3.0560	80.810	.27828	-.00807	8.2550	.53799	.81467
#2	3.0568	78.811	.27730	-.00782	8.0162	.53439	.79046
#3	3.0523	80.013	.27758	-.00734	7.9952	.53411	.80543

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.637	.00590	.66144	7.8848	1.9834	.02111	2.6610
Stddev	.168	.00002	.01656	.0072	.0288	.00120	.0081
%RSD	1.2291	.36719	2.5032	.09088	1.4494	5.6985	.30609

#1	13.825	.00590	.67889	7.8892	2.0029	.02103	2.6704
#2	13.505	.00588	.64595	7.8888	1.9504	.02236	2.6565
#3	13.579	.00592	.65948	7.8766	1.9968	.01996	2.6560

Sample Name: K1016-01 Acquired: 1/4/2019 15:08:56 Type: Unk
Method: P4-ICP2(v2700) 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	.13513	7.170	-.08447	.17957	F<.00000
Stddev	.00048	.011	.00281	.06861	.78737
%RSD	.35429	.1472	3.3254	38.211	.96243
#1	.13479	7.162	-.08714	.15147	-80.963
#2	.13568	7.182	-.08154	.25777	-81.952
#3	.13493	7.167	-.08472	.12946	-82.519
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3881.7	49048.	5016.5	89.371	3302.8
Stddev	5.2	159.	47.6	1.228	8.9
%RSD	.13429	.32367	.94905	1.3745	.26837
#1	3881.9	48926.	4979.5	88.255	3301.0
#2	3876.4	48990.	5070.3	90.687	3294.9
#3	3886.8	49228.	4999.8	89.171	3312.4

Sample Name: CCV04 Acquired: 1/4/2019 15:27:57 Type: Unk
Method: P4-ICP2(v2700) 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	5.2007	5.1393	5.1712	5.2266	5.2624	10.543	10.278	.26207
Stddev	.0227	.0333	.0346	.0030	.0019	.126	.068	.00135
%RSD	.43579	.64722	.66880	.05803	.03658	1.1973	.65835	.51700
#1	5.1746	5.1112	5.1418	5.2300	5.2602	10.681	10.342	.26325
#2	5.2129	5.1306	5.1624	5.2243	5.2630	10.517	10.207	.26236
#3	5.2147	5.1760	5.2093	5.2253	5.2638	10.432	10.284	.26059
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5518	25.682	1.0650	2.5665	1.3049	5.0888	2.6323	25.162
Stddev	.0157	.424	.0049	.0173	.0020	.0622	.0089	.129
%RSD	.61469	1.6500	.46183	.67302	.15338	1.2225	.33900	.51318
#1	2.5382	26.100	1.0692	2.5495	1.3041	5.0996	2.6398	25.168
#2	2.5483	25.253	1.0663	2.5659	1.3033	5.0219	2.6346	25.030
#3	2.5689	25.695	1.0596	2.5841	1.3071	5.1449	2.6224	25.288
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5779	1.3451	24.746	2.5989	2.6150	25.316	5.2402	5.0243
Stddev	.0149	.0060	.190	.0076	.0098	.153	.0128	.0413
%RSD	.57640	.44203	.76641	.29377	.37415	.60282	.24490	.82145
#1	2.5665	1.3500	24.851	2.6051	2.6170	25.400	5.2254	5.0081
#2	2.5724	1.3468	24.527	2.6013	2.6044	25.140	5.2476	4.9936
#3	2.5947	1.3384	24.860	2.5904	2.6236	25.408	5.2477	5.0712
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0803	5.0205	5.1265	5.2462	5.0694	5.087	5.2340	5.4476
Stddev	.0284	.0380	.0361	.0157	.0398	.025	.0486	.1305
%RSD	.55956	.75766	.70481	.29904	.78462	.4945	.92925	2.3951
#1	5.0495	5.0535	5.0909	5.2496	5.0987	5.065	5.2695	5.5980
#2	5.0857	4.9789	5.1255	5.2290	5.0241	5.081	5.1786	5.3651
#3	5.1056	5.0292	5.1631	5.2598	5.0854	5.114	5.2540	5.3797

Sample Name: CCV04 Acquired: 1/4/2019 15:27:57 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6151
Stddev	.1798
%RSD	11.133

#1	1.4220
#2	1.6453
#3	1.7778

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3467.9	43803.	4297.9	91.109	3444.6
Stddev	1.4	247.	43.8	.353	14.6
%RSD	.03906	.56423	1.0184	.38729	.42425

#1	3469.1	43546.	4255.2	90.914	3456.7
#2	3466.4	43824.	4342.6	91.517	3448.6
#3	3468.2	44039.	4295.8	90.897	3428.4

Sample Name: CCB04 Acquired: 1/4/2019 15:31:33 Type: Unk
Method: P4-ICP2(v2700) 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	-.00069	.00140	.00187	.00257	.00104	-.00600	.00050
Stddev	.00052	.00079	.00006	.00152	.00075	.00239	.00052
%RSD	75.137	56.126	3.2834	59.072	71.808	39.815	103.33

#1	-.00018	.00208	.00193	.00185	.00162	-.00875	.00108
#2	-.00122	.00158	.00187	.00432	.00020	-.00491	.00006
#3	-.00067	.00054	.00180	.00155	.00131	-.00436	.00037

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00015	.00586	.00031	-.00012	-.00017	.00644
Stddev	.00004	.00007	.00299	.00015	.00015	.00032	.00542
%RSD	542.49	49.811	51.011	48.478	121.13	187.23	84.127

#1	-.00000	.00006	.00931	.00017	-.00012	.00016	.00819
#2	-.00003	.00019	.00408	.00029	-.00028	-.00020	.01077
#3	.00005	.00018	.00419	.00047	.00002	-.00048	.00036

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.02854	.00083	.00006	-.14307	.00006	.00155
Stddev	.00001	.01175	.00035	.00027	.01207	.00009	.00001
%RSD	17.555	41.186	42.840	439.81	8.4379	155.08	.43055

#1	-.00005	-.03528	.00114	.00015	-.13044	.00004	.00156
#2	-.00006	-.03537	.00091	.00028	-.15449	-.00002	.00155
#3	-.00007	-.01497	.00044	-.00024	-.14427	.00016	.00155

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10294	.00019	.01277	-.00141	.00302	.00003	.00207
Stddev	.01573	.00019	.00757	.00228	.00250	.00074	.00052
%RSD	15.280	98.552	59.321	161.72	82.724	2585.3	25.143

#1	.12107	.00017	.01358	-.00403	.00484	-.00003	.00259
#2	.09477	.00039	.01990	.00000	.00017	.00080	.00205
#3	.09297	.00002	.00482	-.00019	.00405	-.00068	.00156

Sample Name: CCB04 Acquired: 1/4/2019 15:31:33 Type: Unk
Method: P4-ICP2(v2700) 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	-.00061	.0001	.00018	F 4.0099	F<.00000
Stddev	.00224	.0014	.00006	.2218	.39598
%RSD	365.95	1618.	32.553	5.5314	37.706
#1	-.00001	.0017	.00016	4.1570	-.93488
#2	.00127	-.0007	.00014	4.1181	-1.4910
#3	-.00309	-.0008	.00025	3.7548	-.72463
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3615.2	45753.	4402.4	96.897	3852.7
Stddev	8.3	125.	54.5	.325	8.7
%RSD	.23044	.27348	1.2375	.33555	.22573
#1	3606.8	45647.	4342.7	96.567	3860.7
#2	3615.5	45891.	4449.5	97.217	3843.4
#3	3623.4	45721.	4415.0	96.908	3853.8

Sample Name: K1017-01 Acquired: 1/4/2019 15:35:42 Type: Unk
Method: P4-ICP2(v2700) 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	.10289	-.00368	5.0658	.07223	.01633	126.36	1.9061
Stddev	.00352	.00107	.0120	.00459	.00143	.17	.0152
%RSD	3.4193	29.098	.23720	6.3504	8.7347	.13444	.79769

#1	.10479	-.00407	5.0781	.07564	.01470	126.44	1.9187
#2	.09883	-.00247	5.0541	.06702	.01734	126.17	1.8892
#3	.10505	-.00451	5.0650	.07403	.01694	126.48	1.9103

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01068	-.00155	146.46	.55088	.16935	1.2981	365.22
Stddev	.00008	.00057	.86	.00472	.00012	.0014	5.91
%RSD	.72188	36.970	.58454	.85714	.07176	.10755	1.6177

#1	.01072	-.00186	147.21	.54739	.16922	1.2990	368.49
#2	.01072	-.00089	145.53	.54899	.16938	1.2964	358.40
#3	.01059	-.00189	146.65	.55625	.16946	1.2988	368.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9084	54.313	.62983	-.00533	6.3393	.37907	4.7724
Stddev	.0110	.279	.00013	.00115	.0506	.00312	.0826
%RSD	.18587	.51376	.02068	21.502	.79757	.82211	1.7316

#1	5.9182	54.535	.62972	-.00413	6.3895	.37637	4.8139
#2	5.8965	54.000	.62980	-.00642	6.2884	.37835	4.6773
#3	5.9104	54.403	.62998	-.00544	6.3399	.38248	4.8261

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.846	.02044	.43952	F 10.998	3.0688	.29424	2.8149
Stddev	.125	.00048	.00335	.014	.0390	.00126	.0046
%RSD	.84158	2.3645	.76110	.12682	1.2705	.42728	.16432

#1	14.919	.02020	.44270	10.995	3.0515	.29474	2.8186
#2	14.702	.02100	.43603	11.013	3.0415	.29517	2.8164
#3	14.917	.02012	.43982	10.985	3.1135	.29281	2.8097

Sample Name: K1017-01 Acquired: 1/4/2019 15:35:42 Type: Unk
Method: P4-ICP2(v2700) 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	.22389	7.221	.30356	<.00000	F<.00000
Stddev	.00164	.004	.00211	.15657	.68162
%RSD	.73349	.0572	.69358	20.471	.48800
#1	.22532	7.226	.30429	-.70810	-138.95
#2	.22210	7.220	.30520	-.64458	-140.30
#3	.22424	7.218	.30119	-.94189	-139.78
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3870.3	49124.	5043.4	88.671	3282.8
Stddev	10.2	128.	34.4	1.608	10.9
%RSD	.26326	.26093	.68164	1.8139	.33176
#1	3860.7	49013.	5017.2	87.792	3272.1
#2	3881.0	49264.	5082.3	90.527	3293.8
#3	3869.2	49094.	5030.6	87.693	3282.5

Sample Name: K1017-05 Acquired: 1/4/2019 15:39:47 Type: Unk
Method: P4-ICP2(v2700) 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	.03983	-.00810	.73848	.07293	.01321	162.74	.67883
Stddev	.00207	.00146	.00242	.00146	.00099	3.24	.01382
%RSD	5.2058	17.969	.32758	1.9955	7.5309	1.9926	2.0356

#1	.04221	-.00955	.74066	.07219	.01389	166.10	.66723
#2	.03886	-.00812	.73889	.07461	.01207	159.63	.69412
#3	.03842	-.00664	.73588	.07200	.01367	162.48	.67513

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00833	-.00985	22.913	.22770	.15423	.39740	377.28
Stddev	.00039	.00151	.442	.00684	.00067	.00670	11.98
%RSD	4.7322	15.359	1.9277	3.0026	.43543	1.6872	3.1761

#1	.00864	-.00822	22.556	.23387	.15465	.40511	364.59
#2	.00789	-.01122	23.407	.22035	.15458	.39299	388.40
#3	.00847	-.01010	22.775	.22886	.15345	.39409	378.85

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1333	53.146	.29563	-.00143	11.340	.39382	1.2013
Stddev	.1025	1.077	.00150	.00373	.211	.01205	.0345
%RSD	1.9965	2.0270	.50783	261.02	1.8619	3.0609	2.8728

#1	5.1934	52.008	.29583	-.00521	11.171	.40580	1.1631
#2	5.0150	54.150	.29703	.00225	11.577	.38170	1.2303
#3	5.1915	53.282	.29404	-.00133	11.273	.39397	1.2104

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.527	.00266	.42161	2.9809	1.5407	.08621	4.5157
Stddev	.268	.00022	.01504	.0142	.0092	.00101	.0930
%RSD	1.9783	8.4546	3.5684	.47573	.59533	1.1711	2.0588

#1	13.339	.00289	.41230	2.9888	1.5364	.08517	4.4366
#2	13.834	.00244	.43897	2.9894	1.5513	.08719	4.6181
#3	13.409	.00264	.41356	2.9645	1.5345	.08626	4.4924

Sample Name: K1017-05 Acquired: 1/4/2019 15:39:47 Type: Unk
Method: P4-ICP2(v2700) 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	.19891	6.703	-.28461	<.00000	F<.00000
Stddev	.00418	.033	.01097	.66924	2.5510
%RSD	2.1023	.4987	3.8552	15.017	1.7362
#1	.19623	6.721	-.27263	-3.8509	-149.86
#2	.20373	6.723	-.29417	-5.1751	-145.19
#3	.19677	6.664	-.28703	-4.3439	-145.75
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4476.8	56225.	5635.7	88.285	3364.6
Stddev	11.3	1427.	85.2	2.389	9.3
%RSD	.25234	2.5374	1.5110	2.7060	.27731
#1	4465.7	54844.	5714.4	90.957	3360.2
#2	4476.3	57693.	5545.3	86.355	3358.4
#3	4488.3	56139.	5647.3	87.542	3375.4

Sample Name: K1017-09 Acquired: 1/4/2019 15:43:52 Type: Unk
Method: P4-ICP2(v2700) 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	.07119	-.01501	.22518	.16316	.01612	166.71	.69182	.01466
Stddev	.00374	.00053	.00487	.00075	.00049	.84	.00489	.00009
%RSD	5.2560	3.5629	2.1643	.46184	3.0416	.50393	.70664	.60194

#1	.07411	-.01447	.23074	.16254	.01592	165.85	.68630	.01465
#2	.06697	-.01503	.22164	.16294	.01577	167.53	.69352	.01459
#3	.07248	-.01553	.22316	.16400	.01668	166.74	.69563	.01476

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01823	25.711	.93984	.16963	.19825	828.92	4.0492	43.271
Stddev	.00095	.218	.00167	.00058	.00271	7.04	.0243	.660
%RSD	5.1918	.84850	.17786	.34073	1.3645	.84886	.60032	1.5261

#1	-.01725	25.481	.93900	.16986	.20106	821.77	4.0212	42.531
#2	-.01830	25.736	.94176	.16898	.19803	829.13	4.0640	43.482
#3	-.01913	25.916	.93875	.17006	.19566	835.84	4.0626	43.800

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28626	-.00158	11.140	.58707	1.1291	11.400	.00338	.87981
Stddev	.00081	.00110	.100	.00038	.0043	.086	.00014	.00455
%RSD	.28248	69.684	.89904	.06512	.38368	.75109	4.2020	.51688

#1	.28694	-.00225	11.024	.58749	1.1277	11.305	.00339	.87630
#2	.28647	-.00218	11.203	.58675	1.1255	11.425	.00324	.87818
#3	.28537	-.00031	11.192	.58696	1.1339	11.471	.00352	.88495

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9582	1.3463	.02881	4.5531	.14552	F 14.52	-.75504	<.00000
Stddev	.0068	.0153	.00066	.0059	.00109	.08	.00791	.06882
%RSD	.22978	1.1325	2.2953	.12925	.74722	.5518	1.0471	.63317

#1	2.9647	1.3302	.02914	4.5512	.14675	14.61	-.74700	-10.795
#2	2.9586	1.3483	.02805	4.5484	.14510	14.45	-.75531	-10.882
#3	2.9511	1.3605	.02925	4.5597	.14470	14.50	-.76280	-10.931

Sample Name: K1017-09 Acquired: 1/4/2019 15:43:52 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg ^ *****
 Stddev -----
 %RSD -----

#1 ^ -----
 #2 ^ -----
 #3 ^ -----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4770.3	60422.	6218.8	87.706	3156.8
Stddev	3.3	188.	36.9	.447	8.5
%RSD	.06982	.31111	.59259	.50928	.27027

#1	4774.0	60616.	6258.0	87.907	3147.1
#2	4769.6	60241.	6213.6	88.017	3163.3
#3	4767.4	60409.	6184.8	87.194	3159.9

Sample Name: K1017-13 Acquired: 1/4/2019 15:47:57 Type: Unk
Method: P4-ICP2(v2700) 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	.05291	-.01353	.70546	.11365	.01243	170.13	.68188
Stddev	.00016	.00227	.01504	.01264	.00236	1.07	.01322
%RSD	.31134	16.783	2.1326	11.121	19.004	.62843	1.9393

#1	.05306	-.01257	.71012	.11562	.01394	170.15	.68413
#2	.05274	-.01190	.68864	.12520	.00971	171.19	.69383
#3	.05293	-.01613	.71763	.10015	.01364	169.06	.66768

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01082	-.01312	25.287	.58196	.16989	.30743	590.14
Stddev	.00012	.00420	.468	.00094	.00242	.01668	32.21
%RSD	1.0657	31.999	1.8491	.16183	1.4230	5.4269	5.4582

#1	.01075	-.01321	25.408	.58285	.17181	.30923	596.40
#2	.01095	-.01728	25.683	.58097	.16717	.28992	618.75
#3	.01076	-.00888	24.771	.58207	.17068	.32315	555.25

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5820	40.168	.29723	-.00146	11.089	.52324	.95170
Stddev	.0256	.791	.00453	.00405	.188	.00262	.04650
%RSD	.55882	1.9701	1.5237	278.07	1.6923	.50093	4.8862

#1	4.5525	40.457	.30177	-.00045	11.139	.52027	.96160
#2	4.5965	40.774	.29271	.00200	11.247	.52521	.99245
#3	4.5972	39.273	.29722	-.00592	10.881	.52426	.90104

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.511	.00491	.62076	5.2258	1.4966	.04406	4.9581
Stddev	.163	.00018	.04026	.0658	.0233	.00062	.0770
%RSD	1.5510	3.6059	6.4853	1.2598	1.5556	1.4160	1.5532

#1	10.563	.00489	.63294	5.2848	1.4998	.04347	5.0005
#2	10.642	.00475	.65353	5.1548	1.5182	.04399	5.0046
#3	10.329	.00510	.57582	5.2379	1.4719	.04471	4.8692

Sample Name: K1017-13 Acquired: 1/4/2019 15:47:57 Type: Unk
 Method: P4-ICP2(v2700) 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	.12910	F 11.89	-.49879	<.00000	F<.00000
Stddev	.00199	.16	.03335	.26706	4.3473
%RSD	1.5393	1.324	6.6858	3.1006	1.5148
#1	.13082	12.02	-.50421	-8.3159	-290.46
#2	.12956	11.71	-.52910	-8.6902	-288.37
#3	.12693	11.93	-.46306	-8.8331	-282.11
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4678.1	59389.	6087.2	90.291	3260.5
Stddev	41.2	63.	81.5	4.491	41.7
%RSD	.87973	.10690	1.3384	4.9741	1.2794
#1	4635.5	59364.	6063.3	89.186	3222.6
#2	4717.7	59342.	6020.3	86.455	3305.2
#3	4681.1	59462.	6177.9	95.231	3253.7

Sample Name: K1017-17 Acquired: 1/4/2019 15:52:02 Type: Unk
Method: P4-ICP2(v2700) 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	.02960	-.01212	.18325	.08937	.00769	202.69	.71694
Stddev	.00120	.00243	.00296	.00538	.00188	.66	.00209
%RSD	4.0618	20.055	1.6164	6.0220	24.497	.32559	.29101

#1	.03045	-.01398	.18613	.08643	.00750	202.58	.71848
#2	.02822	-.01301	.18021	.09558	.00967	202.09	.71778
#3	.03012	-.00937	.18342	.08609	.00591	203.39	.71457

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01020	-.01177	19.685	.26888	.19102	.23474	456.73
Stddev	.00004	.00037	.052	.00123	.00047	.00243	3.37
%RSD	.35613	3.1853	.26220	.45725	.24485	1.0371	.73746

#1	.01024	-.01177	19.640	.26778	.19150	.23554	457.80
#2	.01017	-.01215	19.675	.26864	.19056	.23200	459.44
#3	.01021	-.01140	19.741	.27021	.19100	.23667	452.96

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3736	50.522	.29577	-.00142	8.3851	.53772	.75942
Stddev	.0184	.039	.00157	.00080	.0344	.00064	.00682
%RSD	.41970	.07638	.53076	56.602	.40995	.11855	.89858

#1	4.3947	50.566	.29659	-.00081	8.4108	.53765	.76017
#2	4.3610	50.508	.29396	-.00112	8.3984	.53711	.76584
#3	4.3651	50.492	.29676	-.00232	8.3460	.53838	.75225

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8522	.00260	.47042	1.2009	1.8682	.02295	4.8827
Stddev	.0071	.00005	.00532	.0043	.0069	.00069	.0033
%RSD	.07181	1.7445	1.1314	.36246	.36869	3.0250	.06785

#1	9.8599	.00265	.47396	1.2030	1.8609	.02229	4.8804
#2	9.8507	.00256	.47300	1.2039	1.8747	.02367	4.8811
#3	9.8460	.00258	.46430	1.1959	1.8689	.02289	4.8865

Sample Name: K1017-17 Acquired: 1/4/2019 15:52:02 Type: Unk
 Method: P4-ICP2(v2700) 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	.17449	9.261	-.37740	<.00000	F<.00000
Stddev	.00092	.052	.00364	.09111	1.8490
%RSD	.52521	.5598	.96449	1.2696	.92991

#1	.17349	9.308	-.37883	-7.1067	-197.92
#2	.17470	9.205	-.38010	-7.2794	-197.64
#3	.17529	9.268	-.37326	-7.1426	-200.97

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4637.9	58698.	5950.1	89.996	3310.1
Stddev	10.7	69.	30.0	.806	16.1
%RSD	.23017	.11774	.50439	.89522	.48782

#1	4629.9	58632.	5935.6	89.717	3293.7
#2	4650.0	58769.	5930.0	89.368	3326.0
#3	4633.8	58692.	5984.6	90.905	3310.6

Sample Name: K1017-21 Acquired: 1/4/2019 15:56:09 Type: Unk
Method: P4-ICP2(v2700) 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	.03307	-.00786	1.5775	.07010	.01443	187.32	1.0512
Stddev	.00293	.00177	.0127	.00270	.00092	1.51	.0120
%RSD	8.8501	22.505	.80694	3.8448	6.3846	.80598	1.1368

#1	.03476	-.00629	1.5913	.07266	.01549	187.06	1.0506
#2	.02969	-.00978	1.5750	.07035	.01396	185.95	1.0396
#3	.03475	-.00752	1.5662	.06729	.01383	188.94	1.0635

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00948	-.00841	28.679	.25919	.16213	.49765	362.28
Stddev	.00005	.00032	.257	.00253	.00115	.00372	3.82
%RSD	.57300	3.7741	.89490	.97627	.71073	.74701	1.0546

#1	.00954	-.00830	28.758	.25855	.16338	.49923	365.13
#2	.00944	-.00817	28.392	.25704	.16189	.50032	357.94
#3	.00945	-.00877	28.886	.26198	.16111	.49341	363.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9788	57.792	.31389	-.00171	4.9736	.40240	1.3089
Stddev	.0289	.754	.00298	.00030	.0745	.00271	.0140
%RSD	.48310	1.3048	.94831	17.530	1.4988	.67460	1.0700

#1	5.9477	57.532	.31717	-.00137	4.9634	.40042	1.3223
#2	5.9837	57.202	.31312	-.00189	4.9047	.40127	1.2944
#3	6.0048	58.641	.31137	-.00189	5.0527	.40549	1.3100

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.236	.00386	.38267	5.0436	2.8093	.13014	3.5197
Stddev	.201	.00048	.00698	.0256	.0363	.00107	.0076
%RSD	1.4136	12.412	1.8250	.50776	1.2924	.82448	.21540

#1	14.253	.00391	.38712	5.0707	2.8191	.12983	3.5122
#2	14.026	.00431	.37462	5.0403	2.7690	.13133	3.5197
#3	14.428	.00335	.38628	5.0198	2.8396	.12925	3.5273

Sample Name: K1017-21 Acquired: 1/4/2019 15:56:09 Type: Unk
 Method: P4-ICP2(v2700) 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	.23882	6.870	-.23878	<.00000	F<.00000
Stddev	.00131	.055	.00393	.21355	1.6300
%RSD	.55048	.7977	1.6470	4.7017	1.1742
#1	.23777	6.925	-.24160	-4.6215	-138.70
#2	.24030	6.869	-.23429	-4.7044	-137.25
#3	.23840	6.815	-.24045	-4.3001	-140.51
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4301.2	54638.	5472.3	90.002	3337.3
Stddev	26.8	187.	41.9	.810	27.6
%RSD	.62294	.34208	.76614	.89951	.82651
#1	4281.2	54697.	5465.5	89.254	3307.4
#2	4290.7	54788.	5517.2	90.861	3342.8
#3	4331.6	54428.	5434.2	89.892	3361.7

Sample Name: K1037-02 Acquired: 1/4/2019 16:00:15 Type: Unk
Method: P4-ICP2(v2700) 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	-.00086	.00107	.00347	.00075	-.00059	.41781	.01824	.00001
Stddev	.00059	.00089	.00042	.00185	.00058	.01192	.00060	.00003
%RSD	68.392	83.246	12.075	248.08	98.130	2.8538	3.3160	280.48
#1	-.00115	.00197	.00303	.00279	-.00100	.41789	.01869	-.00003
#2	-.00018	.00107	.00387	.00026	-.00086	.40585	.01755	.00002
#3	-.00124	.00018	.00350	-.00081	.00007	.42970	.01846	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	12.032	.00278	.01324	.04770	.14284	.00697	2.0218
Stddev	.00001	.269	.00072	.00034	.00076	.00591	.00006	.0444
%RSD	19.299	2.2346	25.987	2.5429	1.5932	4.1396	.80376	2.1973
#1	.00008	12.205	.00247	.01288	.04737	.13654	.00691	2.0347
#2	.00007	11.722	.00360	.01330	.04857	.14372	.00702	1.9724
#3	.00005	12.169	.00226	.01354	.04716	.14827	.00699	2.0584
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00396	-.00048	73.173	.00034	.09193	214.42	.00165	.03382
Stddev	.00042	.00016	1.890	.00016	.00149	5.16	.00007	.00452
%RSD	10.676	33.727	2.5823	47.217	1.6173	2.4081	4.0452	13.358
#1	.00444	-.00033	74.990	.00050	.09318	219.06	.00157	.02863
#2	.00365	-.00046	71.218	.00018	.09029	208.86	.00168	.03592
#3	.00379	-.00065	73.310	.00035	.09233	215.33	.00168	.03690
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 47.414	1.6182	-.01862	.01830	-.00082	.8973	.03585	3.8205
Stddev	.377	.0291	.00004	.00230	.00117	.0079	.00056	.2607
%RSD	.79501	1.8001	.23863	12.562	143.41	.8836	1.5655	6.8240
#1	47.159	1.6468	-.01867	.01587	-.00014	.8961	.03640	3.5259
#2	47.847	1.5886	-.01861	.02044	-.00217	.9058	.03528	4.0214
#3	47.237	1.6191	-.01859	.01860	-.00014	.8901	.03587	3.9142

Sample Name: K1037-02 Acquired: 1/4/2019 16:00:15 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.27885
%RSD	35.311

#1	-1.0666
#2	-.50897
#3	-.79348

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3465.9	44622.	4413.2	96.335	3532.6
Stddev	16.9	205.	96.6	1.635	19.9
%RSD	.48874	.46020	2.1883	1.6971	.56451

#1	3481.5	44837.	4320.2	94.992	3547.2
#2	3447.9	44428.	4513.0	98.155	3509.9
#3	3468.3	44602.	4406.3	95.856	3540.7

Sample Name: K1037-02DUP Acquired: 1/4/2019 16:04:20 Type: Unk
Method: P4-ICP2(v2700) 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	.00071	.00125	.00271	.00120	-.00073	.41617	.01899	-.00001
Stddev	.00101	.00038	.00093	.00148	.00115	.01155	.00038	.00003
%RSD	142.20	30.101	34.448	123.00	156.58	2.7754	1.9920	288.79
#1	-.00045	.00126	.00210	.00016	.00049	.42069	.01939	-.00003
#2	.00123	.00087	.00225	.00289	-.00178	.42477	.01864	-.00002
#3	.00136	.00162	.00379	.00055	-.00092	.40304	.01895	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	12.103	.00250	.01306	.04721	.13794	.00673	2.0607
Stddev	.00008	.377	.00047	.00041	.00049	.00204	.00007	.0793
%RSD	100.20	3.1121	18.583	3.1648	1.0323	1.4777	1.0559	3.8491
#1	.00009	12.532	.00214	.01315	.04674	.13791	.00667	2.1449
#2	.00015	11.831	.00234	.01343	.04718	.13999	.00671	1.9874
#3	-.00000	11.945	.00303	.01261	.04771	.13591	.00681	2.0497
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00326	-.00030	74.443	.00050	.08922	217.83	.00160	.02368
Stddev	.00040	.00020	2.214	.00025	.00236	6.41	.00025	.00148
%RSD	12.227	65.811	2.9744	49.087	2.6445	2.9427	15.723	6.2665
#1	.00311	-.00012	76.999	.00053	.09186	225.23	.00167	.02387
#2	.00296	-.00027	73.235	.00024	.08848	214.26	.00181	.02211
#3	.00372	-.00051	73.096	.00074	.08731	214.00	.00132	.02506
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 47.221	1.6411	-.01877	.01661	.00006	.8916	.03624	4.0683
Stddev	.112	.0440	.00046	.00205	.00158	.0033	.00105	.1977
%RSD	.23766	2.6818	2.4666	12.365	2712.2	.3696	2.8840	4.8592
#1	47.340	1.6864	-.01888	.01663	-.00164	.8898	.03743	4.0462
#2	47.206	1.5985	-.01918	.01455	.00032	.8954	.03546	4.2761
#3	47.117	1.6385	-.01827	.01865	.00149	.8896	.03583	3.8825

Sample Name: K1037-02DUP Acquired: 1/4/2019 16:04:20 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .17114
%RSD 19.753

#1 -1.0631
#2 -.75156
#3 -.78450

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3453.7	44168.	4303.9	95.706	3497.6
Stddev	6.1	108.	106.4	2.863	5.8
%RSD	.17695	.24437	2.4720	2.9919	.16603

#1	3455.8	44272.	4181.7	92.687	3495.1
#2	3446.9	44057.	4375.8	96.050	3493.5
#3	3458.5	44175.	4354.3	98.383	3504.3

Sample Name: K1037-02LX5 Acquired: 1/4/2019 16:08:24 Type: Unk
Method: P4-ICP2(v2700) 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	-.00002	.00091	.00052	.00129	.00057	.08697	.00125
Stddev	.00044	.00056	.00045	.00208	.00076	.01219	.00053
%RSD	2268.5	62.279	86.064	160.62	131.81	14.014	42.278

#1	.00022	.00141	.00091	-.00028	.00108	.07691	.00167
#2	.00024	.00100	.00003	.00365	.00094	.08348	.00066
#3	-.00052	.00030	.00061	.00051	-.00030	.10053	.00141

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00010	2.3085	.00057	.00240	.00934	.02645
Stddev	.00004	.00004	.0247	.00034	.00008	.00034	.00422
%RSD	632.51	44.396	1.0683	59.835	3.5449	3.6159	15.963

#1	-.00005	.00015	2.2871	.00040	.00249	.00931	.02226
#2	.00002	.00007	2.3029	.00034	.00234	.00969	.03071
#3	.00001	.00008	2.3355	.00095	.00236	.00901	.02638

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00570	.38423	.00131	-.00007	13.866	.00004	.02408
Stddev	.00014	.03577	.00023	.00048	.106	.00024	.00072
%RSD	2.4716	9.3106	17.911	643.66	.76368	655.39	3.0038

#1	.00572	.36144	.00110	-.00062	13.904	.00030	.02440
#2	.00554	.36579	.00127	.00030	13.747	-.00017	.02325
#3	.00582	.42546	.00157	.00010	13.948	-.00002	.02459

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.526	.00022	.00518	8.7937	.32879	-.00492	.00524
Stddev	.231	.00022	.00790	.0476	.00583	.00039	.00160
%RSD	.55715	101.32	152.53	.54103	1.7717	7.9164	30.507

#1	41.622	-.00004	.00384	8.7734	.32970	-.00485	.00689
#2	41.263	.00032	.01366	8.8480	.32256	-.00533	.00370
#3	41.695	.00037	-.00196	8.7596	.33410	-.00456	.00512

Sample Name: K1037-02LX5 Acquired: 1/4/2019 16:08:24 Type: Unk
 Method: P4-ICP2(v2700) 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	-.00056	.1655	.00690	3.3879	F<.00000
Stddev	.00014	.0013	.00004	.1345	.46421
%RSD	24.541	.7886	.61091	3.9692	22.448
#1	-.00072	.1648	.00693	3.3377	-1.7128
#2	-.00045	.1670	.00685	3.2857	-2.5932
#3	-.00052	.1646	.00692	3.5402	-1.8978
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3522.7	44983.	4398.6	97.900	3712.8
Stddev	17.2	401.	38.3	2.889	21.6
%RSD	.48943	.89177	.86992	2.9512	.58177
#1	3503.5	45023.	4363.4	96.934	3703.8
#2	3527.8	45362.	4439.3	101.15	3697.2
#3	3536.8	44563.	4392.9	95.617	3737.5

Sample Name: K1037-02MS Acquired: 1/4/2019 16:18:32 Type: Unk
Method: P4-ICP2(v2700) 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	.91959	2.2051	1.1099	2.3007	.94730	2.8364	.25425
Stddev	.00510	.0057	.0021	.0128	.01031	.0164	.00482
%RSD	.55497	.25697	.19228	.55452	1.0883	.57710	1.8965

#1	.91411	2.2055	1.1074	2.2882	.93779	2.8551	.25980
#2	.92421	2.1992	1.1108	2.3002	.94585	2.8245	.25106
#3	.92044	2.2106	1.1113	2.3137	.95826	2.8297	.25190

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23432	.21935	13.002	.46787	.24376	.39727	3.4787
Stddev	.00074	.00023	.207	.00161	.00322	.00234	.0636
%RSD	.31384	.10325	1.5909	.34406	1.3202	.58864	1.8278

#1	.23513	.21935	13.240	.46758	.24161	.39474	3.5506
#2	.23368	.21912	12.897	.46643	.24220	.39772	3.4555
#3	.23416	.21958	12.868	.46961	.24746	.39936	3.4300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23933	4.2387	.56533	.08392	76.486	.35096	.31976
Stddev	.00051	.0888	.00170	.00041	1.724	.00118	.00661
%RSD	.21202	2.0942	.30157	.49141	2.2537	.33758	2.0680

#1	.23932	4.3360	.56440	.08391	78.475	.35233	.32737
#2	.23883	4.1622	.56429	.08352	75.542	.35038	.31643
#3	.23985	4.2178	.56730	.08434	75.439	.35019	.31547

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	224.50	.48486	.35880	F 45.992	2.6944	.77970	.25231
Stddev	4.82	.00463	.00875	.027	.0605	.00493	.00695
%RSD	2.1465	.95550	2.4380	.05964	2.2447	.63179	2.7539

#1	230.04	.47977	.36841	46.020	2.7571	.77593	.25899
#2	222.18	.48596	.35131	45.966	2.6364	.77789	.25281
#3	221.28	.48884	.35667	45.990	2.6898	.78527	.24512

Sample Name: K1037-02MS Acquired: 1/4/2019 16:18:32 Type: Unk
Method: P4-ICP2(v2700) 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	.23315	7.555	.26143	4.4738	F<.00000
Stddev	.00536	.011	.00486	.0701	.06247
%RSD	2.2986	.1386	1.8593	1.5670	3.0255
#1	.23930	7.559	.26669	4.5375	-2.0762
#2	.23066	7.544	.26051	4.3987	-2.1207
#3	.22948	7.564	.25710	4.4851	-1.9974
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3446.7	44003.	4288.1	95.666	3480.8
Stddev	22.5	33.	71.4	1.768	2.1
%RSD	.65281	.07484	1.6652	1.8481	.06042
#1	3472.3	43971.	4205.6	93.631	3482.2
#2	3437.5	44037.	4329.9	96.539	3481.7
#3	3430.2	44001.	4328.6	96.828	3478.4

Sample Name: CCV05 Acquired: 1/4/2019 16:22:16 Type: Unk
Method: P4-ICP2(v2700) 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	5.1589	5.0932	5.1010	5.1837	5.2589	10.297	10.356	.25754
Stddev	.0112	.0164	.0197	.0032	.0048	.102	.104	.00070
%RSD	.21627	.32171	.38535	.06075	.09178	.99533	1.0001	.27297
#1	5.1478	5.0951	5.0927	5.1831	5.2536	10.178	10.334	.25774
#2	5.1702	5.0760	5.0868	5.1871	5.2631	10.351	10.469	.25676
#3	5.1587	5.1086	5.1234	5.1808	5.2600	10.361	10.265	.25813
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5194	25.329	1.0245	2.5401	1.2981	5.0999	2.5753	24.805
Stddev	.0114	.185	.0038	.0116	.0039	.0892	.0048	.099
%RSD	.45336	.73134	.37325	.45775	.29886	1.7490	.18593	.39909
#1	2.5161	25.121	1.0237	2.5375	1.2943	5.1118	2.5729	24.918
#2	2.5101	25.477	1.0212	2.5299	1.3020	5.0053	2.5722	24.764
#3	2.5322	25.390	1.0287	2.5528	1.2978	5.1825	2.5808	24.733
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5505	1.3052	24.956	2.5509	2.6054	25.482	5.2206	4.9701
Stddev	.0097	.0014	.242	.0007	.0479	.228	.0093	.0245
%RSD	.37865	.10452	.96845	.02810	1.8375	.89606	.17864	.49396
#1	2.5482	1.3039	24.840	2.5517	2.6248	25.534	5.2099	4.9759
#2	2.5422	1.3050	25.233	2.5507	2.5509	25.681	5.2270	4.9912
#3	2.5611	1.3066	24.793	2.5503	2.6405	25.233	5.2250	4.9431
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0616	4.9445	5.0422	5.1822	5.1142	5.017	5.2094	F 4.4376
Stddev	.0117	.0135	.0183	.0260	.0402	.014	.0242	.0251
%RSD	.23031	.27294	.36245	.50088	.78608	.2718	.46458	.56526
#1	5.0581	4.9389	5.0313	5.1997	5.1104	5.006	5.2212	4.4245
#2	5.0520	4.9599	5.0320	5.1946	5.1562	5.012	5.2255	4.4217
#3	5.0746	4.9347	5.0633	5.1524	5.0760	5.032	5.1816	4.4665

Sample Name: CCV05 Acquired: 1/4/2019 16:22:16 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .56682
Stddev	.18388
%RSD	32.441

#1	.58674
#2	.73992
#3	.37378

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3447.0	44290.	4266.8	90.698	3441.3
Stddev	9.1	41.	22.4	1.611	7.9
%RSD	.26408	.09185	.52399	1.7767	.22947

#1	3441.5	44263.	4253.7	89.790	3435.9
#2	3442.1	44271.	4254.2	92.558	3450.4
#3	3457.5	44337.	4292.7	89.745	3437.7

Sample Name: CCB05 Acquired: 1/4/2019 16:25:55 Type: Unk
Method: P4-ICP2(v2700) 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	.00170	.00059	.00128	.00115	.00186	.00026	-.00095
Stddev	.00035	.00073	.00043	.00064	.00100	.00535	.00047
%RSD	20.475	121.87	33.412	55.521	53.706	2049.0	49.479

#1	.00146	.00028	.00177	.00129	.00157	-.00051	-.00041
#2	.00154	.00142	.00097	.00045	.00297	.00596	-.00115
#3	.00210	.00008	.00111	.00170	.00103	-.00466	-.00127

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00008	-.00119	.00014	-.00011	-.00007	.00031
Stddev	.00002	.00003	.01137	.00027	.00014	.00022	.00226
%RSD	87.669	31.025	955.40	195.49	128.91	331.56	731.95

#1	.00003	.00011	-.00821	.00016	-.00005	.00006	-.00082
#2	.00000	.00006	.01193	.00040	-.00000	-.00032	-.00116
#3	.00005	.00008	-.00729	-.00014	-.00027	.00006	.00291

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00364	.00090	.00020	-.16120	.00026	.00043
Stddev	.00001	.02884	.00030	.00055	.01158	.00039	.00004
%RSD	9.5960	792.22	33.687	279.64	7.1831	151.32	10.435

#1	-.00010	-.02701	.00109	.00002	-.15341	.00028	.00045
#2	-.00010	.02859	.00055	-.00025	-.15568	.00063	.00046
#3	-.00008	-.01250	.00106	.00082	-.17451	-.00014	.00038

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16667	.00024	.00160	.00469	.00204	-.00064	.00019
Stddev	.02173	.00016	.00965	.00274	.00276	.00094	.00122
%RSD	13.039	67.281	604.42	58.381	135.54	146.82	656.02

#1	.16712	.00032	.00657	.00708	.00442	-.00118	.00125
#2	.14472	.00005	.00774	.00170	.00268	.00044	-.00114
#3	.18817	.00034	-.00952	.00530	-.00099	-.00119	.00044

Sample Name: CCB05 Acquired: 1/4/2019 16:25:55 Type: Unk
 Method: P4-ICP2(v2700) 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	.00028	.0002	.00007	F 2.5828	F<.00000
Stddev	.00099	.0006	.00007	.1551	.12118
%RSD	346.82	339.8	109.16	6.0054	5.8640
#1	-.00086	-.0005	.00013	2.7531	-2.1814
#2	.00084	.0007	.00008	2.5459	-1.9398
#3	.00087	.0003	-.00001	2.4495	-2.0782
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3608.7	46539.	4292.0	95.817	3842.9
Stddev	13.4	95.	31.8	.881	17.5
%RSD	.37193	.20384	.74118	.91956	.45478
#1	3623.1	46433.	4273.2	94.800	3862.9
#2	3596.6	46568.	4274.1	96.292	3835.8
#3	3606.4	46616.	4328.7	96.358	3830.2

Sample Name: K1037-02MSD Acquired: 1/4/2019 16:30:03 Type: Unk
Method: P4-ICP2(v2700) 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	.91041	2.2062	1.1092	2.2718	.95187	2.8512	.25368
Stddev	.00338	.0028	.0011	.0107	.00577	.0064	.00166
%RSD	.37166	.12607	.09719	.46985	.60647	.22384	.65594

#1	.90821	2.2053	1.1103	2.2638	.95212	2.8440	.25474
#2	.91431	2.2094	1.1082	2.2839	.95751	2.8560	.25176
#3	.90872	2.2041	1.1090	2.2676	.94597	2.8536	.25453

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23410	.21917	12.944	.46516	.24199	.39494	3.5651
Stddev	.00056	.00006	.067	.00020	.00148	.00123	.0943
%RSD	.24057	.02714	.51533	.04244	.61020	.31195	2.6462

#1	.23449	.21920	12.995	.46539	.24169	.39398	3.6491
#2	.23437	.21910	12.869	.46509	.24360	.39633	3.4630
#3	.23346	.21921	12.970	.46501	.24069	.39450	3.5832

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23883	4.2314	.56533	.08454	75.786	.35118	.32250
Stddev	.00017	.0105	.00060	.00064	.867	.00047	.00948
%RSD	.07014	.24876	.10680	.76046	1.1441	.13495	2.9390

#1	.23891	4.2321	.56484	.08383	76.635	.35140	.33085
#2	.23895	4.2206	.56600	.08509	74.902	.35151	.31220
#3	.23864	4.2416	.56514	.08469	75.823	.35064	.32446

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	221.99	.48818	.36084	F 45.821	2.6855	.79047	.25984
Stddev	2.48	.00324	.00607	.228	.0313	.00394	.00210
%RSD	1.1175	.66325	1.6821	.49817	1.1665	.49814	.80994

#1	224.48	.48885	.36505	45.921	2.7025	.79367	.26227
#2	219.52	.49102	.35389	45.982	2.6493	.79166	.25855
#3	221.97	.48465	.36359	45.560	2.7047	.78607	.25870

Sample Name: K1037-02MSD Acquired: 1/4/2019 16:30:03 Type: Unk
 Method: P4-ICP2(v2700) 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	.23206	7.565	.25834	3.8167	F<.00000
Stddev	.00262	.011	.00317	.1905	.22492
%RSD	1.1288	.1421	1.2257	4.9917	10.649

#1	.23342	7.556	.26156	3.8626	-2.3453
#2	.22904	7.562	.25523	3.9801	-2.0948
#3	.23373	7.577	.25822	3.6074	-1.8965

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3512.9	44549.	4371.3	95.742	3521.5
Stddev	29.6	138.	48.2	2.724	20.1
%RSD	.84317	.30990	1.1026	2.8454	.57059

#1	3506.5	44430.	4329.4	93.032	3506.1
#2	3487.1	44518.	4424.0	98.480	3514.0
#3	3545.3	44701.	4360.4	95.714	3544.2

Sample Name: K1037-02A Acquired: 1/4/2019 16:33:47 Type: Unk
Method: P4-ICP2(v2700) 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	.91662	2.1920	1.1037	2.2876	.95300	2.8125	.25122
Stddev	.00166	.0129	.0055	.0071	.00115	.0011	.00207
%RSD	.18127	.58971	.49420	.31103	.12042	.03768	.82269

#1	.91712	2.1998	1.1008	2.2925	.95321	2.8135	.25299
#2	.91797	2.1770	1.1002	2.2794	.95402	2.8126	.25172
#3	.91477	2.1991	1.1099	2.2908	.95176	2.8114	.24895

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23421	.21815	12.942	.46652	.24047	.39575	3.5060
Stddev	.00268	.00067	.139	.00299	.00118	.00136	.0703
%RSD	1.1448	.30524	1.0715	.64165	.49058	.34486	2.0039

#1	.23722	.21813	13.086	.46982	.24048	.39706	3.5798
#2	.23332	.21749	12.929	.46576	.23928	.39585	3.4983
#3	.23208	.21882	12.810	.46398	.24164	.39434	3.4399

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23924	4.2189	.56404	.08454	75.011	.35109	.31898
Stddev	.00227	.0272	.00221	.00036	1.102	.00518	.00607
%RSD	.94963	.64552	.39212	.42275	1.4696	1.4741	1.9042

#1	.24183	4.2502	.56434	.08479	76.230	.35680	.32571
#2	.23830	4.2053	.56170	.08470	74.718	.34978	.31731
#3	.23758	4.2011	.56609	.08413	74.084	.34670	.31391

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	220.15	.48901	.35533	F 45.535	2.6432	.78131	.25485
Stddev	3.12	.00096	.01017	.344	.0239	.00377	.00184
%RSD	1.4154	.19665	2.8627	.75526	.90308	.48283	.72229

#1	223.64	.49010	.36352	45.655	2.6707	.78272	.25589
#2	219.17	.48827	.35854	45.147	2.6274	.77704	.25593
#3	217.65	.48867	.34395	45.803	2.6316	.78418	.25272

Sample Name: K1037-02A Acquired: 1/4/2019 16:33:47 Type: Unk
Method: P4-ICP2(v2700) 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	.23143	7.504	.25666	4.2854	F<.00000
Stddev	.00322	.041	.00369	.1472	.12647
%RSD	1.3932	.5494	1.4390	3.4359	5.2917
#1	.23515	7.527	.26083	4.4293	-2.3420
#2	.22964	7.457	.25533	4.2919	-2.2944
#3	.22949	7.529	.25381	4.1350	-2.5333
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3470.1	44187.	4359.5	95.963	3513.3
Stddev	13.3	288.	52.5	1.911	24.9
%RSD	.38349	.65210	1.2045	1.9919	.70985
#1	3462.3	43854.	4299.7	93.777	3503.5
#2	3485.5	44339.	4381.1	96.789	3541.6
#3	3462.6	44366.	4397.8	97.322	3494.7

Sample Name: K1017-25 Acquired: 1/4/2019 16:37:30 Type: Unk
Method: P4-ICP2(v2700) 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 .32634	sF -1.9290	s 127.52	k -.35911	k .07135	k 727.34	7.6951
Stddev	.00408	.4285	27.84	.00398	.00072	.67	.0561
%RSD	1.2502	22.214	21.834	1.1078	1.0064	.09217	.72938

#1	k .32689	s -1.6725	s 111.29	k -.36197	k .07144	k 727.90	7.6545
#2	k .32201	s -1.6907	s 111.60	k -.35456	k .07059	k 727.53	7.7591
#3	k .33012	s -2.4237	s 159.67	k -.36079	k .07201	k 726.60	7.6716

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05996	s 3.0652	k 360.48	k 1.4114	sF 5.3151	k 7.3120	kF 30136.
Stddev	.00057	.6694	1.40	.0080	1.1661	.0032	4471.
%RSD	.95641	21.839	.38770	.57061	21.940	.04388	14.836

#1	.06038	s 2.6779	k 361.97	k 1.4196	s 4.6381	k 7.3152	k 28370.
#2	.06019	s 2.6794	k 359.19	k 1.4112	s 4.6456	k 7.3088	k 35220.
#3	.05930	s 3.8382	k 360.28	k 1.4035	s 6.6616	k 7.3121	k 26817.

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.008	154.76	s 14.966	^ *****	153.64	k 1.5647	kF 173.66
Stddev	.138	.46	3.272	-----	.90	.0157	25.69
%RSD	.98672	.29903	21.862	-----	.58348	1.0061	14.790

#1	14.119	155.29	s 13.056	^ -----	153.84	k 1.5814	k 164.68
#2	13.853	154.55	s 13.097	^ -----	154.42	k 1.5623	k 202.63
#3	14.052	154.44	s 18.743	^ -----	152.66	k 1.5502	k 153.68

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	57.316	.01263	kF -1.2787	sF 370.02	kF 30.375	s 7.5538	k 4.6920
Stddev	.233	.00009	.0131	80.25	.261	1.6733	.0145
%RSD	.40717	.71367	1.0235	21.688	.86006	22.152	.30923

#1	57.579	.01257	k -1.2783	s 323.31	k 30.649	s 6.5792	k 4.7082
#2	57.136	.01273	k -1.2657	s 324.06	k 30.347	s 6.5963	k 4.6873
#3	57.231	.01259	k -1.2919	s 462.68	k 30.129	s 9.4859	k 4.6803

Sample Name: K1017-25 Acquired: 1/4/2019 16:37:30 Type: Unk
Method: P4-ICP2(v2700) 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	1.1952	sF 293.1	k 2.7803	^ *****	F<.00000
Stddev	.0058	63.6	.0145	-----	18.476
%RSD	.48880	21.68	.52109	-----	.43690
#1	1.2019	s 256.2	k 2.7912	^ -----	-4248.1
#2	1.1914	s 256.7	k 2.7639	-154.91	-4227.7
#3	1.1922	s 366.5	k 2.7860	-154.85	-4211.2
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12543.	184550.	22709.	13.771	^ *****
Stddev	7.	1403.	181.	1.898	-----
%RSD	.05405	.76000	.79835	13.782	-----
#1	12551.	183080.	22516.	14.375	^ -----
#2	12539.	184700.	22738.	11.645	^ -----
#3	12539.	185870.	22875.	15.294	^ -----

Sample Name: PB116124BS Acquired: 1/4/2019 16:46:53 Type: Unk
Method: P4-ICP2(v2700) 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	.79742	2.0349	1.0139	2.0286	.83200	1.9685	.21335
Stddev	.00882	.0262	.0110	.0205	.00738	.0267	.00191
%RSD	1.1062	1.2876	1.0849	1.0101	.88730	1.3574	.89550

#1	.78771	2.0064	1.0018	2.0050	.82369	1.9376	.21130
#2	.79961	2.0402	1.0167	2.0418	.83452	1.9837	.21368
#3	.80494	2.0580	1.0233	2.0389	.83779	1.9841	.21508

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20472	.19477	1.0502	.42244	.20223	.33112	3.0273
Stddev	.00163	.00260	.0108	.00393	.00266	.00328	.0537
%RSD	.79802	1.3353	1.0312	.93138	1.3147	.99159	1.7729

#1	.20305	.19188	1.0451	.41949	.19933	.32743	2.9655
#2	.20631	.19551	1.0430	.42691	.20281	.33223	3.0545
#3	.20480	.19692	1.0627	.42093	.20455	.33371	3.0619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21513	2.0269	.50704	.07560	3.1803	.30914	.21469
Stddev	.00246	.0253	.00715	.00040	.0083	.00228	.00572
%RSD	1.1437	1.2497	1.4092	.53021	.26180	.73857	2.6645

#1	.21256	2.0205	.49913	.07515	3.1707	.30659	.20918
#2	.21746	2.0054	.50898	.07577	3.1843	.31100	.21429
#3	.21538	2.0549	.51302	.07589	3.1859	.30983	.22060

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.840	.42938	.29910	F 6.1466	1.0414	.69457	.20909
Stddev	.038	.00457	.00847	.0623	.0013	.00777	.00133
%RSD	.35430	1.0643	2.8320	1.0137	.12132	1.1185	.63640

#1	10.820	.42412	.29575	6.0750	1.0401	.68567	.20756
#2	10.884	.43159	.30874	6.1764	1.0426	.69808	.20976
#3	10.815	.43242	.29282	6.1885	1.0415	.69997	.20996

Sample Name: PB116124BS Acquired: 1/4/2019 16:46:53 Type: Unk
Method: P4-ICP2(v2700) 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	.21625	5.505	.20657	F 2.7970	F<.00000
Stddev	.00004	.073	.00042	.1944	.07121
%RSD	.02017	1.333	.20277	6.9491	2.4483
#1	.21629	5.421	.20613	2.7892	-2.9403
#2	.21625	5.537	.20696	2.9952	-2.9587
#3	.21620	5.556	.20662	2.6067	-2.8272
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3604.6	46196.	4177.9	95.450	3805.8
Stddev	16.7	419.	12.5	1.798	24.1
%RSD	.46299	.90699	.29910	1.8840	.63415
#1	3621.0	46549.	4192.3	97.300	3831.9
#2	3587.6	45733.	4169.6	95.342	3784.3
#3	3605.1	46306.	4171.9	93.708	3801.2

Sample Name: PB116124BL Acquired: 1/4/2019 16:54:58 Type: Unk
Method: P4-ICP2(v2700) 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	-.00072	.00034	.00849	.00131	-.00019	.00162	-.00065
Stddev	.00253	.00084	.00037	.00261	.00078	.00690	.00034
%RSD	350.43	249.97	4.3357	199.51	420.76	426.56	52.194

#1	-.00345	-.00059	.00869	.00431	-.00106	-.00562	-.00104
#2	.00155	.00103	.00870	-.00034	.00004	.00234	-.00040
#3	-.00026	.00057	.00806	-.00005	.00046	.00813	-.00052

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00007	.00863	.00029	-.00020	.00009	.00397
Stddev	.00007	.00008	.01577	.00030	.00011	.00011	.00453
%RSD	288.20	109.10	182.74	103.51	58.436	126.09	114.12

#1	-.00001	.00003	.01963	.00033	-.00009	.00002	.00797
#2	.00003	.00002	.01568	.00058	-.00018	.00002	-.00095
#3	-.00010	.00016	-.00943	-.00003	-.00032	.00022	.00490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	-.01243	.00091	.00006	-.11052	-.00000	.00137
Stddev	.00008	.02780	.00016	.00026	.01021	.00029	.00017
%RSD	48.443	223.71	17.831	413.26	9.2388	5838.9	12.802

#1	.00019	-.01325	.00077	-.00008	-.09952	.00011	.00156
#2	.00025	.01577	.00109	.00036	-.11969	-.00033	.00121
#3	.00008	-.03981	.00087	-.00010	-.11236	.00021	.00133

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15159	-.00002	-.00948	.00945	.01731	-.00202	.00041
Stddev	.01148	.00023	.00890	.00410	.00156	.00032	.00240
%RSD	7.5737	1201.4	93.845	43.442	9.0240	15.625	584.63

#1	.14151	-.00012	-.00013	.01072	.01793	-.00225	.00092
#2	.16409	-.00019	-.01784	.01277	.01847	-.00214	-.00220
#3	.14919	.00025	-.01048	.00486	.01553	-.00166	.00251

Sample Name: PB116124BL Acquired: 1/4/2019 16:54:58 Type: Unk
Method: P4-ICP2(v2700) 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	.00023	.0013	-.00003	2.2436	F<.00000
Stddev	.00125	.0004	.00004	.1207	.41135
%RSD	535.32	35.03	174.96	5.3817	21.374
#1	-.00052	.0010	.00003	2.2749	-1.4575
#2	.00168	.0018	-.00005	2.1102	-2.0831
#3	-.00045	.0010	-.00005	2.3455	-2.2330
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3607.4	46536.	4180.7	95.286	3847.5
Stddev	8.3	157.	7.2	1.742	24.6
%RSD	.22914	.33683	.17231	1.8279	.63902
#1	3602.1	46357.	4172.9	93.275	3833.8
#2	3603.2	46647.	4187.1	96.275	3832.8
#3	3616.9	46605.	4182.1	96.308	3875.9

Sample Name: J6591-01 Acquired: 1/4/2019 16:59:06 Type: Unk
Method: P4-ICP2(v2700) 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	-.00290	-.00220	.00512	.00779	-.00242	.01569	.12869	-.00011
Stddev	.00251	.00086	.00060	.00075	.00127	.01226	.00085	.00007
%RSD	86.586	38.901	11.807	9.6792	52.415	78.123	.66076	58.323
#1	-.00007	-.00245	.00561	.00848	-.00349	.01329	.12773	-.00011
#2	-.00379	-.00291	.00531	.00789	-.00102	.02897	.12936	-.00005
#3	-.00485	-.00125	.00444	.00698	-.00277	.00481	.12898	-.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	139.88	.00246	.00335	.00420	3.3977	.53132	14.813
Stddev	.00006	.70	.00067	.00037	.00028	.0163	.00096	.174
%RSD	21.710	.49998	27.186	10.920	6.7143	.48069	.18069	1.1761
#1	-.00033	139.33	.00299	.00377	.00390	3.3792	.53242	14.682
#2	-.00027	139.66	.00171	.00308	.00424	3.4098	.53092	14.745
#3	-.00021	140.67	.00268	.00320	.00446	3.4043	.53063	15.010
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01280	-.00049	795.14	.00066	.01622	19.443	.01970	.17939
Stddev	.00028	.00070	6.83	.00030	.00007	.161	.00036	.00977
%RSD	2.2162	142.20	.85935	45.018	.43082	.82773	1.8372	5.4458
#1	.01254	-.00012	792.96	.00101	.01627	19.345	.02012	.18818
#2	.01310	-.00129	802.80	.00050	.01614	19.355	.01948	.16887
#3	.01275	-.00006	789.67	.00048	.01625	19.629	.01951	.18111
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 41.221	5.2510	-.01563	-.00235	.00699	.0870	.97036	6.6795
Stddev	.050	.0328	.00118	.00152	.00077	.0017	.00396	.2180
%RSD	.12217	.62479	7.5663	64.850	10.986	1.964	.40760	3.2633
#1	41.278	5.2752	-.01472	-.00152	.00668	.0851	.96926	6.4980
#2	41.205	5.2136	-.01521	-.00142	.00643	.0875	.96708	6.6192
#3	41.182	5.2641	-.01697	-.00411	.00787	.0884	.97475	6.9212

Sample Name: J6591-01 Acquired: 1/4/2019 16:59:06 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.4716
Stddev	.8096
%RSD	23.322

#1	2.5589
#2	3.7524
#3	4.1033

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3199.8	39521.	4002.6	87.748	3103.2
Stddev	14.3	52.	17.1	.446	7.2
%RSD	.44700	.13059	.42665	.50774	.23268

#1	3183.4	39536.	3992.3	87.521	3095.0
#2	3209.6	39564.	4022.3	88.262	3106.3
#3	3206.4	39464.	3993.2	87.463	3108.4

Sample Name: J6591-06 Acquired: 1/4/2019 17:03:17 Type: Unk
Method: P4-ICP2(v2700) 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	-.00069	-.00203	.00404	.00864	-.00179	-.00227	.13464	-.00008
Stddev	.00259	.00152	.00107	.00283	.00113	.00618	.00106	.00004
%RSD	373.37	74.781	26.492	32.698	63.292	273.01	.78411	57.496
#1	.00032	-.00164	.00476	.00737	-.00083	-.00214	.13414	-.00006
#2	-.00364	-.00370	.00281	.01188	-.00151	.00386	.13392	-.00013
#3	.00124	-.00074	.00455	.00668	-.00304	-.00851	.13585	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	147.03	.00112	.00381	.00586	3.4360	.59688	15.459
Stddev	.00007	1.18	.00018	.00014	.00063	.0016	.00089	.181
%RSD	36.590	.80353	16.176	3.6421	10.731	.04762	.14975	1.1682
#1	-.00022	146.85	.00119	.00373	.00516	3.4341	.59597	15.443
#2	-.00023	145.95	.00092	.00397	.00602	3.4366	.59690	15.287
#3	-.00011	148.29	.00126	.00373	.00639	3.4372	.59776	15.647
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01326	-.00037	836.80	.00088	.01612	20.715	.02068	.19600
Stddev	.00043	.00019	12.05	.00019	.00006	.162	.00008	.00384
%RSD	3.2320	51.916	1.4402	21.209	.35709	.78329	.36951	1.9574
#1	.01375	-.00036	838.67	.00071	.01605	20.707	.02071	.19472
#2	.01298	-.00057	823.92	.00084	.01617	20.558	.02073	.19296
#3	.01304	-.00018	847.80	.00108	.01613	20.882	.02059	.20031
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 43.695	5.6098	-.01754	-.00269	.00825	.0973	1.0228	6.4752
Stddev	.458	.0411	.00060	.00217	.00112	.0017	.0072	.0597
%RSD	1.0488	.73270	3.4169	80.768	13.513	1.697	.69921	.92152
#1	43.273	5.6182	-.01693	-.00519	.00762	.0970	1.0246	6.4780
#2	44.183	5.5651	-.01812	-.00125	.00760	.0991	1.0149	6.5335
#3	43.628	5.6460	-.01757	-.00163	.00954	.0959	1.0289	6.4142

Sample Name: J6591-06 Acquired: 1/4/2019 17:03:17 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.6457
Stddev	.2605
%RSD	5.6082

#1	4.6077
#2	4.4062
#3	4.9231

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3200.0	39626.	3989.2	89.483	3092.6
Stddev	24.7	28.	34.1	.306	24.7
%RSD	.77303	.07049	.85551	.34219	.79979

#1	3224.0	39633.	3985.0	89.822	3115.3
#2	3174.6	39650.	4025.3	89.398	3066.3
#3	3201.6	39596.	3957.4	89.227	3096.3

Sample Name: PB116125BL Acquired: 1/4/2019 17:07:31 Type: Unk
Method: P4-ICP2(v2700) 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	-.00007	.00130	F .00399	.00126	-.00049	-.00618	-.00006
Stddev	.00258	.00079	.00077	.00258	.00090	.01132	.00019
%RSD	3940.8	60.963	19.248	205.00	182.69	183.25	314.74

#1	.00291	.00153	.00385	.00353	.00002	-.00043	-.00009
#2	-.00155	.00194	.00330	-.00154	.00004	-.01922	-.00023
#3	-.00156	.00042	.00481	.00178	-.00153	.00111	.00014

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00004	.00951	.00000	-.00006	.00021	-.00100
Stddev	.00001	.00006	.00252	.00013	.00006	.00016	.00361
%RSD	32.582	148.78	26.463	4899.8	94.566	75.270	360.92

#1	-.00003	.00011	.00732	-.00010	-.00012	.00003	-.00037
#2	-.00002	-.00000	.01225	.00014	-.00000	.00031	.00225
#3	-.00002	.00001	.00895	-.00003	-.00007	.00030	-.00488

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.02053	.00097	.00000	.26940	.00016	.00040
Stddev	.00003	.02850	.00027	.00041	.03955	.00048	.00002
%RSD	53.465	138.83	27.577	9547.3	14.679	293.08	5.0886

#1	.00004	-.00729	.00079	-.00029	.31107	-.00005	.00041
#2	.00004	-.05324	.00128	-.00017	.26476	-.00018	.00041
#3	.00009	-.00105	.00085	.00047	.23239	.00072	.00038

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30464	-.00002	-.00537	F .00742	.00770	-.00192	-.00016
Stddev	.01285	.00016	.00479	.00364	.00165	.00065	.00089
%RSD	4.2190	922.59	89.218	48.972	21.428	33.835	542.95

#1	.31916	.00014	-.00882	.01159	.00869	-.00143	.00030
#2	.30005	-.00018	.00010	.00577	.00860	-.00266	.00040
#3	.29471	-.00002	-.00739	.00491	.00579	-.00169	-.00119

Sample Name: PB116125BL Acquired: 1/4/2019 17:07:31 Type: Unk
Method: P4-ICP2(v2700) 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	.00078	.0012	.00001	F 2.5487	F<.00000
Stddev	.00012	.0005	.00003	.1179	.04941
%RSD	15.202	39.95	231.21	4.6272	2.9247
#1	.00074	.0008	.00003	2.6662	-1.7348
#2	.00069	.0017	-.00002	2.4303	-1.6968
#3	.00091	.0011	.00002	2.5497	-1.6368
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3592.4	46287.	4130.7	96.256	3842.8
Stddev	20.8	235.	45.6	1.968	38.0
%RSD	.57809	.50666	1.1030	2.0442	.99019
#1	3570.2	46019.	4128.8	95.567	3802.0
#2	3595.5	46384.	4086.1	94.725	3848.9
#3	3611.4	46456.	4177.1	98.475	3877.4

Sample Name: PB116125BS Acquired: 1/4/2019 17:11:41 Type: Unk
Method: P4-ICP2(v2700) 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	.79070	2.0425	.99432	2.0321	.81958	1.9703	.21612
Stddev	.00583	.0079	.00376	.0076	.00286	.0137	.00119
%RSD	.73768	.38469	.37865	.37452	.34935	.69378	.54895

#1	.79062	2.0341	.99063	2.0253	.81628	1.9671	.21476
#2	.78490	2.0439	.99418	2.0307	.82128	1.9853	.21668
#3	.79656	2.0496	.99815	2.0403	.82119	1.9585	.21692

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20484	.19655	1.0533	.42341	.20173	.32846	3.1297
Stddev	.00108	.00099	.0031	.00021	.00092	.00097	.0629
%RSD	.52722	.50297	.29685	.04846	.45740	.29635	2.0099

#1	.20434	.19557	1.0540	.42362	.20066	.32771	3.1338
#2	.20608	.19655	1.0498	.42321	.20230	.32811	3.1904
#3	.20411	.19754	1.0560	.42341	.20222	.32956	3.0648

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21501	2.1037	.50876	.07510	3.2755	.31030	.21506
Stddev	.00094	.0463	.00212	.00013	.0135	.00080	.00055
%RSD	.43710	2.2019	.41738	.17846	.41061	.25699	.25495

#1	.21533	2.0619	.50659	.07521	3.2670	.31074	.21567
#2	.21574	2.1535	.50885	.07512	3.2684	.31078	.21459
#3	.21395	2.0955	.51084	.07495	3.2910	.30938	.21493

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.889	.42768	.31299	F -.00191	1.0029	.69155	.20972
Stddev	.039	.00191	.01031	.00339	.0147	.00343	.00160
%RSD	.36176	.44686	3.2937	177.56	1.4640	.49630	.76081

#1	10.849	.42577	.30247	.00195	1.0022	.68868	.20788
#2	10.892	.42768	.31342	-.00326	.98859	.69062	.21074
#3	10.928	.42959	.32308	-.00441	1.0179	.69535	.21054

Sample Name: PB116125BS Acquired: 1/4/2019 17:11:41 Type: Unk
Method: P4-ICP2(v2700) 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	.21761	5.512	.20785	F 2.8456	F<.00000
Stddev	.00109	.020	.00073	.2743	.50833
%RSD	.50071	.3696	.35066	9.6388	17.335
#1	.21733	5.496	.20715	3.0134	-2.4875
#2	.21669	5.505	.20780	2.5291	-3.4865
#3	.21881	5.535	.20860	2.9944	-2.8233
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3571.2	45743.	4113.0	92.258	3747.5
Stddev	14.7	166.	43.8	.642	11.4
%RSD	.41117	.36287	1.0655	.69551	.30362
#1	3579.5	45585.	4105.8	91.617	3753.0
#2	3554.2	45730.	4160.0	92.258	3734.5
#3	3579.7	45916.	4073.3	92.900	3755.2

Sample Name: J6497-06 Acquired: 1/4/2019 17:15:30 Type: Unk
Method: P4-ICP2(v2700) 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	-.00127	-.00034	.00177	.00291	-.00250	.01315	.27449	-.00003
Stddev	.00110	.00038	.00133	.00100	.00136	.00633	.00051	.00004
%RSD	86.342	110.68	75.030	34.581	54.464	48.127	.18531	129.69
#1	-.00230	.00001	.00134	.00370	-.00317	.01339	.27458	-.00007
#2	-.00012	-.00075	.00071	.00325	-.00093	.01935	.27395	.00001
#3	-.00140	-.00029	.00327	.00178	-.00340	.00670	.27495	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02390	48.552	-.00039	.00158	.00342	-.02354	.93428	8.3834
Stddev	.00006	.301	.00009	.00014	.00029	.00710	.00814	.0397
%RSD	.24495	.62071	23.524	9.1413	8.6024	30.146	.87086	.47344
#1	.02394	48.894	-.00046	.00174	.00309	-.02165	.93293	8.3446
#2	.02384	48.437	-.00029	.00147	.00364	-.01759	.92690	8.4240
#3	.02393	48.325	-.00041	.00153	.00354	-.03140	.94300	8.3817
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01484	-.00022	431.90	.00140	.93535	7.7385	-.00017	.04704
Stddev	.00006	.00037	3.86	.00028	.01171	.0316	.00007	.00245
%RSD	.41623	171.13	.89472	20.314	1.2519	.40773	43.671	5.2164
#1	.01480	-.00061	433.47	.00160	.94511	7.7584	-.00017	.04822
#2	.01481	-.00018	427.49	.00107	.93857	7.7021	-.00024	.04422
#3	.01491	.00013	434.73	.00153	.92236	7.7550	-.00010	.04868
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9483	F 10.051	-.00378	-.00112	.00159	.0154	.26203	4.1032
Stddev	.0440	.047	.00012	.00154	.00130	.0004	.00081	.2375
%RSD	.49188	.46839	3.1222	137.85	81.759	2.742	.31063	5.7880
#1	8.9587	10.103	-.00391	.00012	.00303	.0153	.26285	4.3483
#2	8.9000	10.011	-.00376	-.00285	.00053	.0150	.26122	3.8741
#3	8.9862	10.039	-.00367	-.00063	.00119	.0158	.26201	4.0873

Sample Name: J6497-06 Acquired: 1/4/2019 17:15:30 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.7889
Stddev	.5669
%RSD	31.691

#1	1.2753
#2	2.3973
#3	1.6942

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3543.8	43581.	4212.0	95.842	3508.2
Stddev	5.9	277.	18.6	1.117	11.1
%RSD	.16585	.63608	.44068	1.1657	.31613

#1	3538.9	43536.	4199.7	94.841	3501.1
#2	3550.3	43877.	4233.4	95.639	3521.0
#3	3542.1	43328.	4203.1	97.047	3502.5

Sample Name: CCV06 Acquired: 1/4/2019 17:19:41 Type: Unk
Method: P4-ICP2(v2700) 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	5.0965	5.1165	5.0492	5.1422	5.1730	10.131	10.481	.25851
Stddev	.0279	.0306	.0386	.0270	.0297	.155	.215	.00021
%RSD	.54734	.59831	.76480	.52560	.57493	1.5299	2.0484	.08231
#1	5.0778	5.0884	5.0054	5.1191	5.1436	10.058	10.350	.25855
#2	5.1286	5.1492	5.0784	5.1719	5.2031	10.309	10.729	.25828
#3	5.0831	5.1120	5.0638	5.1356	5.1723	10.025	10.365	.25870
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5210	25.344	1.0362	2.5272	1.2966	5.0544	2.5882	25.291
Stddev	.0179	.697	.0051	.0183	.0100	.1113	.0044	.416
%RSD	.71121	2.7484	.49471	.72357	.76801	2.2020	.17063	1.6441
#1	2.5012	24.763	1.0379	2.5073	1.2890	4.9872	2.5888	24.888
#2	2.5362	26.116	1.0402	2.5434	1.3078	5.1828	2.5923	25.719
#3	2.5256	25.153	1.0304	2.5309	1.2928	4.9930	2.5835	25.267
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5727	1.3015	25.883	2.5778	2.5318	26.006	5.1771	5.0943
Stddev	.0179	.0045	.437	.0041	.0384	.491	.0313	.0980
%RSD	.69703	.34668	1.6874	.16079	1.5180	1.8888	.60410	1.9233
#1	2.5531	1.3059	25.597	2.5792	2.5251	25.677	5.1457	4.9882
#2	2.5883	1.3019	26.386	2.5811	2.5732	26.571	5.2082	5.1814
#3	2.5766	1.2969	25.666	2.5731	2.4972	25.771	5.1773	5.1132
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9622	5.3418	5.0308	5.1720	5.1998	5.026	5.1952	F 3.8849
Stddev	.0227	.0633	.0372	.1020	.1081	.036	.1131	.1650
%RSD	.45757	1.1847	.73867	1.9728	2.0792	.7222	2.1770	4.2475
#1	4.9494	5.2977	4.9933	5.0624	5.1314	5.000	5.1069	4.0159
#2	4.9884	5.4143	5.0676	5.2643	5.3244	5.067	5.3227	3.9391
#3	4.9489	5.3134	5.0316	5.1892	5.1436	5.010	5.1560	3.6996

Sample Name: CCV06 Acquired: 1/4/2019 17:19:41 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.2430
Stddev	.3817
%RSD	30.708

#1	1.4413
#2	.80295
#3	1.4846

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3523.3	44871.	4227.1	93.517	3490.6
Stddev	17.3	184.	61.9	1.464	21.1
%RSD	.49000	.41039	1.4639	1.5654	.60528

#1	3538.1	44766.	4267.4	93.631	3511.8
#2	3504.3	44764.	4155.8	91.999	3469.5
#3	3527.4	45084.	4258.0	94.920	3490.5

Sample Name: CCB06 Acquired: 1/4/2019 17:23:19 Type: Unk
Method: P4-ICP2(v2700) 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	.00192	.00272	.00113	-.00044	-.00592	-.00083
Stddev	.00275	.00048	.00042	.00130	.00111	.00374	.00061
%RSD	505.92	24.854	15.488	115.27	250.12	63.209	73.706

#1	.00172	.00246	.00223	-.00035	-.00051	-.00762	-.00147
#2	-.00260	.00174	.00299	.00165	.00070	-.00163	-.00024
#3	.00252	.00156	.00293	.00209	-.00152	-.00851	-.00078

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00006	.01633	.00015	-.00002	.00006	-.00209
Stddev	.00005	.00005	.01047	.00012	.00020	.00045	.00435
%RSD	181.81	82.706	64.077	77.579	921.97	737.11	208.02

#1	-.00000	.00003	.01645	.00028	-.00007	-.00007	-.00067
#2	-.00000	.00012	.02674	.00012	-.00019	-.00031	.00137
#3	.00009	.00003	.00581	.00005	.00020	.00056	-.00697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.02926	.00093	-.00056	-.02142	.00010	.00025
Stddev	.00002	.02565	.00015	.00015	.01647	.00016	.00017
%RSD	31.406	87.672	16.214	27.484	76.887	159.28	66.451

#1	-.00007	-.00005	.00080	-.00041	-.01040	.00027	.00038
#2	-.00010	-.04813	.00089	-.00054	-.01351	.00007	.00031
#3	-.00005	-.03960	.00109	-.00072	-.04035	-.00004	.00006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16370	.00021	.00138	-.00206	.00608	-.00115	.00040
Stddev	.00862	.00019	.00220	.00144	.00475	.00013	.00079
%RSD	5.2635	90.539	159.60	70.024	78.160	11.448	197.77

#1	.16252	.00044	.00276	-.00335	.01054	-.00100	.00040
#2	.15574	.00007	-.00116	-.00051	.00661	-.00126	-.00039
#3	.17285	.00014	.00254	-.00231	.00108	-.00120	.00118

Sample Name: CCB06 Acquired: 1/4/2019 17:23:19 Type: Unk
 Method: P4-ICP2(v2700) 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	-.00010	.0012	.00011	F 1.5811	F<.00000
Stddev	.00108	.0016	.00005	.2102	.67266
%RSD	1073.6	135.9	48.392	13.292	47.013
#1	.00026	.0026	.00016	1.5079	-1.1692
#2	.00076	-.0005	.00006	1.4173	-.92825
#3	-.00132	.0013	.00011	1.8181	-2.1949
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3694.8	47587.	4287.1	97.944	3933.8
Stddev	5.4	278.	77.4	1.721	6.0
%RSD	.14673	.58392	1.8060	1.7566	.15327
#1	3695.6	47749.	4226.5	96.600	3935.2
#2	3689.0	47745.	4260.4	97.350	3927.2
#3	3699.8	47266.	4374.3	99.883	3939.0

Sample Name: J6497-06DUP Acquired: 1/4/2019 17:27:28 Type: Unk
 Method: P4-ICP2(v2700) 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	.00174	-.00097	.00056	.00277	-.00262	.01230	.27259	-.00002
Stddev	.00158	.00105	.00074	.00371	.00047	.00677	.00038	.00009
%RSD	90.807	108.16	132.71	133.61	18.020	55.000	.14002	562.34
#1	-.00005	.00023	-.00012	.00216	-.00241	.00968	.27231	-.00003
#2	.00294	-.00141	.00045	-.00058	-.00317	.00724	.27302	-.00009
#3	.00235	-.00174	.00135	.00675	-.00230	.01999	.27243	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02416	48.294	-.00051	.00147	.00330	-.01413	.93320	8.3373
Stddev	.00008	.098	.00036	.00006	.00041	.01089	.01129	.0647
%RSD	.33713	.20258	70.467	3.9195	12.496	77.116	1.2096	.77619
#1	.02421	48.189	-.00073	.00152	.00290	-.00715	.94607	8.3892
#2	.02419	48.382	-.00070	.00141	.00328	-.00855	.92859	8.3579
#3	.02406	48.311	-.00009	.00147	.00373	-.02668	.92495	8.2648
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01516	-.00012	423.64	.00157	.93686	7.6494	.00004	.04684
Stddev	.00066	.00020	2.39	.00043	.00929	.0266	.00014	.00416
%RSD	4.3550	174.30	.56360	27.425	.99113	.34775	317.38	8.8873
#1	.01566	.00002	426.39	.00194	.94619	7.6694	.00019	.04325
#2	.01541	-.00002	422.14	.00110	.93676	7.6596	-.00008	.05140
#3	.01441	-.00035	422.39	.00169	.92762	7.6192	.00002	.04587
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0009	F 10.003	-.00388	.00003	.00186	.0174	.26155	4.2519
Stddev	.0266	.014	.00016	.00093	.00044	.0012	.00059	.6152
%RSD	.29594	.14318	4.2190	3045.6	23.911	6.976	.22370	14.469
#1	8.9976	9.9929	-.00386	.00079	.00215	.0182	.26120	4.8398
#2	9.0290	9.9971	-.00406	.00031	.00209	.0160	.26222	3.6126
#3	8.9760	10.020	-.00373	-.00100	.00135	.0179	.26122	4.3034

Sample Name: J6497-06DUP Acquired: 1/4/2019 17:27:28 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.8777
Stddev	.5517
%RSD	29.383

#1	1.9423
#2	1.2965
#3	2.3943

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3527.9	43667.	4258.5	95.624	3490.6
Stddev	13.8	597.	13.4	.850	13.4
%RSD	.39255	1.3680	.31427	.88870	.38397

#1	3524.4	42982.	4271.8	94.791	3483.5
#2	3516.2	44077.	4258.9	95.590	3482.2
#3	3543.2	43943.	4245.0	96.489	3506.0

Sample Name: J6497-06LX5 Acquired: 1/4/2019 17:31:39 Type: Unk
Method: P4-ICP2(v2700) 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	.00106	.00067	.00078	.00263	-.00036	-.00297	.05388	.00000
Stddev	.00268	.00048	.00103	.00134	.00058	.01222	.00062	.00007
%RSD	252.64	71.565	131.46	50.971	162.32	411.02	1.1500	1543.6

#1	.00322	.00096	-.00013	.00401	-.00093	-.01576	.05354	-.00004
#2	.00191	.00012	.00058	.00133	-.00037	.00859	.05459	-.00003
#3	-.00194	.00092	.00190	.00256	.00023	-.00175	.05350	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00473	9.8731	-.00036	.00025	.00083	.00379	.18782	1.6452
Stddev	.00004	.0315	.00003	.00021	.00014	.00676	.00038	.0218
%RSD	.88984	.31867	7.8923	83.983	16.367	178.17	.20059	1.3224

#1	.00474	9.8505	-.00033	.00040	.00067	.00764	.18806	1.6205
#2	.00476	9.9091	-.00039	.00032	.00088	.00776	.18738	1.6535
#3	.00468	9.8598	-.00037	.00001	.00093	-.00401	.18801	1.6616

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00314	-.00033	86.394	.00036	.19058	1.7068	-.00005	.00557
Stddev	.00051	.00015	.650	.00064	.00294	.0080	.00028	.00860
%RSD	16.287	46.383	.75281	177.25	1.5433	.46753	538.91	154.54

#1	.00291	-.00018	85.672	.00060	.19397	1.7101	-.00015	.00035
#2	.00278	-.00048	86.933	-.00036	.18900	1.7127	.00027	.00086
#3	.00372	-.00034	86.578	.00084	.18877	1.6977	-.00027	.01550

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6893	2.1032	-.00257	.00026	.00096	.0042	.05327	3.4785
Stddev	.0060	.0049	.00028	.00207	.00225	.0006	.00032	.3385
%RSD	.35716	.23227	10.708	805.04	234.21	14.02	.59210	9.7311

#1	1.6887	2.0976	-.00230	.00244	.00277	.0039	.05364	3.8668
#2	1.6957	2.1057	-.00256	.00002	-.00156	.0038	.05308	3.2455
#3	1.6836	2.1064	-.00285	-.00169	.00167	.0049	.05310	3.3233

Sample Name: J6497-06LX5 Acquired: 1/4/2019 17:31:39 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .53415
 %RSD 61.120

#1 -1.3166
 #2 -1.0246
 #3 -.28064

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3577.9	45101.	4203.5	95.703	3710.1
Stddev	13.3	132.	12.7	1.742	16.5
%RSD	.37264	.29374	.30182	1.8201	.44528

#1	3589.8	44975.	4195.7	93.694	3700.4
#2	3563.5	45239.	4196.7	96.619	3700.6
#3	3580.3	45090.	4218.1	96.795	3729.1

Sample Name: J6497-06MS Acquired: 1/4/2019 17:35:43 Type: Unk
Method: P4-ICP2(v2700) 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	.90313	2.0808	1.0642	2.3274	.91187	2.2241	.48486	.22598
Stddev	.02142	.0503	.0258	.0474	.01928	.0286	.00056	.00309
%RSD	2.3713	2.4186	2.4281	2.0371	2.1142	1.2848	.11645	1.3656
#1	.89168	2.0386	1.0438	2.2921	.90095	2.2234	.48500	.22368
#2	.88989	2.0673	1.0555	2.3087	.90054	2.2530	.48424	.22949
#3	.92784	2.1365	1.0932	2.3813	.93413	2.1958	.48535	.22478
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24113	48.531	.44667	.22035	.33983	3.2080	1.1088	10.250
Stddev	.00501	.136	.00554	.00524	.00758	.0956	.0125	.025
%RSD	2.0787	.28022	1.2403	2.3758	2.2291	2.9815	1.1305	.24189
#1	.23697	48.684	.44479	.21628	.33593	3.3181	1.1018	10.278
#2	.23974	48.423	.45291	.21850	.33500	3.1608	1.1232	10.240
#3	.24670	48.487	.44232	.22626	.34856	3.1451	1.1012	10.231
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56333	.07954	421.38	.33798	1.1233	18.505	.47194	.36872
Stddev	.01244	.00059	4.05	.00399	.0203	.012	.00872	.00270
%RSD	2.2086	.74545	.96229	1.1807	1.8076	.06352	1.8469	.73122
#1	.55317	.07953	426.06	.33493	1.1460	18.502	.46695	.36633
#2	.55962	.08014	419.27	.34249	1.1068	18.518	.46686	.36819
#3	.57721	.07896	418.82	.33651	1.1172	18.495	.48200	.37164
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7676	F 10.824	.78361	.22678	.22012	6.732	.46785	4.4077
Stddev	.0978	.025	.01707	.00104	.00089	.159	.00068	.2908
%RSD	1.1149	.23188	2.1789	.45658	.40343	2.363	.14528	6.5974
#1	8.6977	10.853	.76956	.22648	.21951	6.601	.46851	4.3431
#2	8.7258	10.808	.77866	.22592	.22114	6.686	.46715	4.7253
#3	8.8793	10.811	.80261	.22793	.21972	6.909	.46787	4.1546

Sample Name: J6497-06MS Acquired: 1/4/2019 17:35:43 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0710
Stddev	.3057
%RSD	28.546

#1	.90572
#2	1.4238
#3	.88346

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3503.1	44052.	4200.1	95.072	3456.3
Stddev	41.6	444.	15.7	2.016	31.5
%RSD	1.1868	1.0086	.37290	2.1207	.90997

#1	3507.8	44316.	4204.2	92.773	3473.0
#2	3542.1	43539.	4213.2	96.536	3475.9
#3	3459.4	44302.	4182.7	95.908	3420.0

Sample Name: J6497-06MSD Acquired: 1/4/2019 17:39:36 Type: Unk
Method: P4-ICP2(v2700) 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	.94818	2.1926	1.1255	2.4266	.95913	2.3346	.50526	.23879
Stddev	.01053	.0054	.0015	.0092	.00686	.1031	.00440	.01103
%RSD	1.1111	.24497	.13567	.37776	.71485	4.4139	.87023	4.6194
#1	.95106	2.1865	1.1246	2.4225	.95681	2.2158	.50956	.22628
#2	.93650	2.1964	1.1246	2.4203	.95372	2.3881	.50544	.24713
#3	.95697	2.1951	1.1272	2.4371	.96684	2.4000	.50077	.24295
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25406	48.929	.46939	.23327	.35850	3.3983	1.1095	10.431
Stddev	.00011	.027	.01983	.00066	.00094	.0679	.0493	.144
%RSD	.04505	.05588	4.2240	.28163	.26193	1.9972	4.4413	1.3853
#1	.25419	48.953	.44663	.23277	.35850	3.3201	1.0531	10.594
#2	.25401	48.934	.48288	.23302	.35757	3.4427	1.1443	10.317
#3	.25397	48.899	.47867	.23401	.35945	3.4319	1.1311	10.383
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59513	.08335	428.15	.35754	1.1371	19.348	.49453	.38052
Stddev	.00027	.00346	8.08	.01724	.0121	.131	.00337	.00302
%RSD	.04532	4.1495	1.8871	4.8220	1.0608	.67568	.68149	.79457
#1	.59482	.07939	437.41	.33768	1.1247	19.421	.49456	.38326
#2	.59522	.08577	424.52	.36871	1.1487	19.427	.49115	.37728
#3	.59533	.08490	422.53	.36622	1.1378	19.198	.49789	.38101
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8902	F 10.940	.82485	.24073	.23748	7.112	.48565	3.9893
Stddev	.0135	.035	.00431	.00205	.00364	.006	.00105	.8513
%RSD	.15192	.31644	.52290	.85334	1.5347	.0898	.21572	21.339
#1	8.9054	10.917	.82594	.24233	.24010	7.116	.48683	3.0069
#2	8.8795	10.979	.82010	.23841	.23903	7.105	.48532	4.4517
#3	8.8857	10.922	.82851	.24145	.23332	7.115	.48482	4.5092

Sample Name: J6497-06MSD Acquired: 1/4/2019 17:39:36 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.63911
Stddev	.31085
%RSD	48.639

#1	.43220
#2	.99657
#3	.48855

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3486.3	44407.	4164.8	94.998	3432.1
Stddev	38.1	1652.	30.8	.978	23.4
%RSD	1.0920	3.7202	.74003	1.0296	.68072

#1	3469.4	46292.	4135.4	96.016	3419.7
#2	3530.0	43211.	4162.1	94.065	3459.0
#3	3459.7	43719.	4196.8	94.912	3417.4

Sample Name: J6497-06A Acquired: 1/4/2019 17:43:27 Type: Unk
Method: P4-ICP2(v2700) 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	.93387	2.1899	1.1216	2.4013	.94696	2.3631	.50879	.24193
Stddev	.00499	.0118	.0048	.0106	.00569	.0141	.00554	.00115
%RSD	.53483	.53926	.42768	.44321	.60059	.59498	1.0893	.47328
#1	.93000	2.1811	1.1200	2.3947	.94538	2.3589	.51119	.24311
#2	.93951	2.2033	1.1270	2.4136	.95328	2.3788	.51272	.24185
#3	.93211	2.1853	1.1179	2.3956	.94224	2.3516	.50245	.24083
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25309	48.645	.47581	.23266	.35630	3.4512	1.1217	10.521
Stddev	.00082	.693	.00149	.00133	.00115	.0719	.0039	.088
%RSD	.32542	1.4256	.31371	.57180	.32162	2.0842	.34931	.83293
#1	.25248	48.666	.47633	.23156	.35612	3.3777	1.1253	10.443
#2	.25403	49.328	.47697	.23414	.35753	3.5214	1.1223	10.505
#3	.25276	47.942	.47413	.23227	.35526	3.4545	1.1176	10.616
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59335	.08414	426.55	.36123	1.1408	19.426	.49010	.39984
Stddev	.00299	.00082	3.53	.00107	.0218	.216	.00248	.00697
%RSD	.50445	.96942	.82855	.29549	1.9137	1.1100	.50556	1.7423
#1	.59228	.08508	427.00	.36234	1.1236	19.445	.48837	.40123
#2	.59673	.08359	429.84	.36114	1.1654	19.631	.49294	.40600
#3	.59104	.08376	422.82	.36021	1.1334	19.201	.48900	.39228
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8331	F 10.999	.82006	.24351	.23972	7.088	.48453	4.2437
Stddev	.0566	.083	.00352	.00191	.00189	.043	.00479	.1083
%RSD	.64100	.75802	.42908	.78600	.78653	.6066	.98951	2.5512
#1	8.7829	10.987	.81713	.24366	.24100	7.055	.48619	4.2553
#2	8.8945	11.087	.82396	.24534	.24060	7.136	.48828	4.3457
#3	8.8218	10.922	.81908	.24152	.23755	7.071	.47913	4.1301

Sample Name: J6497-06A Acquired: 1/4/2019 17:43:27 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.14665
Stddev	.13607
%RSD	92.788

#1	.30237
#2	.08691
#3	.05067

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3518.7	43993.	4150.8	94.746	3439.5
Stddev	10.0	182.	30.3	1.683	7.6
%RSD	.28309	.41335	.73084	1.7760	.22184

#1	3525.8	43859.	4145.1	96.099	3446.1
#2	3507.3	43921.	4123.8	92.862	3431.2
#3	3523.0	44200.	4183.6	95.276	3441.4

Sample Name: J6497-07 Acquired: 1/4/2019 17:47:19 Type: Unk
Method: P4-ICP2(v2700) 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	.00096	-.00235	.00141	.00467	-.00135	-.02711	.23902	-.00002
Stddev	.00167	.00072	.00016	.00125	.00123	.00627	.00500	.00004
%RSD	174.13	30.814	11.152	26.699	90.660	23.130	2.0922	158.47
#1	-.00079	-.00243	.00123	.00606	-.00272	-.02136	.23337	-.00004
#2	.00114	-.00159	.00146	.00429	-.00034	-.03380	.24286	.00002
#3	.00253	-.00304	.00153	.00365	-.00101	-.02618	.24084	-.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	130.27	.00804	.00049	.02245	1.1568	.57404	20.972
Stddev	.00004	1.75	.00025	.00006	.00060	.0174	.01876	.339
%RSD	6.8375	1.3421	3.0937	11.795	2.6785	1.5074	3.2687	1.6181
#1	.00061	128.99	.00821	.00048	.02240	1.1368	.58593	20.599
#2	.00058	132.26	.00776	.00043	.02307	1.1689	.55241	21.263
#3	.00066	129.56	.00816	.00055	.02187	1.1647	.58378	21.055
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02590	-.00025	246.69	.00050	.14921	19.434	.00298	.65914
Stddev	.00030	.00028	2.96	.00031	.00214	.151	.00038	.00092
%RSD	1.1725	110.03	1.1995	61.758	1.4354	.77510	12.884	.13890
#1	.02589	-.00004	244.54	.00020	.14761	19.319	.00267	.65869
#2	.02622	-.00057	250.07	.00082	.15164	19.604	.00287	.65854
#3	.02561	-.00015	245.47	.00048	.14838	19.378	.00341	.66019
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 12.654	8.3284	-.00448	-.00291	.00396	.0075	.62361	3.4589
Stddev	.147	.0888	.00059	.00097	.00112	.0007	.00779	.6369
%RSD	1.1643	1.0668	13.184	33.397	28.287	9.875	1.2494	18.412
#1	12.522	8.2786	-.00515	-.00402	.00501	.0079	.61918	3.8343
#2	12.813	8.4310	-.00405	-.00254	.00278	.0066	.63261	2.7236
#3	12.628	8.2756	-.00424	-.00218	.00410	.0079	.61904	3.8189

Sample Name: J6497-07 Acquired: 1/4/2019 17:47:19 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.7297
Stddev	.7004
%RSD	40.494

#1	1.0057
#2	1.7793
#3	2.4039

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3512.0	44863.	4255.1	94.714	3561.1
Stddev	18.7	1326.	60.5	1.154	38.6
%RSD	.53355	2.9560	1.4212	1.2187	1.0838

#1	3532.5	43996.	4291.7	95.355	3595.5
#2	3495.7	46389.	4185.3	93.381	3519.4
#3	3507.7	44203.	4288.3	95.405	3568.4

Sample Name: J6497-08 Acquired: 1/4/2019 17:51:30 Type: Unk
Method: P4-ICP2(v2700) 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	.00308	-.00112	.00117	.00431	-.00324	-.02956	.16791	-.00002
Stddev	.00021	.00143	.00016	.00086	.00134	.00462	.00185	.00001
%RSD	6.7243	127.50	13.437	19.840	41.418	15.641	1.1044	45.817
#1	.00327	-.00192	.00100	.00338	-.00226	-.02561	.16903	-.00003
#2	.00311	.00053	.00119	.00507	-.00477	-.03464	.16893	-.00003
#3	.00286	-.00197	.00131	.00449	-.00269	-.02841	.16577	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	128.95	-.00021	.00054	.00264	.06449	.18068	19.553
Stddev	.00003	.78	.00004	.00010	.00030	.01612	.00112	.246
%RSD	9.4678	.60333	18.584	17.997	11.390	25.000	.61946	1.2588
#1	.00034	129.83	-.00018	.00060	.00260	.07615	.18091	19.620
#2	.00041	128.68	-.00019	.00043	.00295	.07123	.17947	19.758
#3	.00036	128.35	-.00025	.00060	.00236	.04609	.18167	19.280
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00238	-.00059	128.46	.00022	.03649	15.318	.00376	.47763
Stddev	.00050	.00038	.99	.00013	.00096	.064	.00009	.01055
%RSD	21.169	65.672	.77314	61.105	2.6331	.41922	2.4476	2.2081
#1	.00293	-.00086	129.29	.00011	.03750	15.375	.00367	.46814
#2	.00229	-.00075	128.74	.00037	.03559	15.331	.00378	.47576
#3	.00193	-.00015	127.36	.00018	.03639	15.249	.00385	.48898
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.204	8.4333	-.00893	-.00277	.00203	.0065	.56049	3.3224
Stddev	.028	.0586	.00035	.00135	.00112	.0005	.00363	.1576
%RSD	.11537	.69485	3.9741	48.568	54.960	7.986	.64840	4.7448
#1	24.227	8.5005	-.00883	-.00428	.00265	.0067	.56457	3.4157
#2	24.173	8.3927	-.00932	-.00236	.00074	.0059	.55929	3.1404
#3	24.213	8.4067	-.00863	-.00168	.00271	.0068	.55761	3.4111

Sample Name: J6497-08 Acquired: 1/4/2019 17:51:30 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.59617
Stddev	.85041
%RSD	142.64

#1	-.37984
#2	.99065
#3	1.1777

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3539.3	45202.	4295.5	96.166	3660.8
Stddev	15.6	288.	26.8	2.512	9.5
%RSD	.44209	.63658	.62331	2.6124	.26009

#1	3537.1	45126.	4264.7	93.400	3650.5
#2	3555.9	45520.	4312.9	98.306	3662.5
#3	3524.9	44960.	4308.9	96.792	3669.4

Sample Name: J6497-09 Acquired: 1/4/2019 17:55:34 Type: Unk
Method: P4-ICP2(v2700) 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	.00100	-.00188	.00050	.00291	-.00479	-.02555	.17020	-.00001
Stddev	.00071	.00055	.00090	.00023	.00021	.00767	.00171	.00001
%RSD	70.975	29.319	180.25	7.7487	4.4279	30.040	1.0037	98.757
#1	.00152	-.00131	-.00054	.00291	-.00500	-.03132	.17178	-.00000
#2	.00127	-.00241	.00104	.00269	-.00458	-.01684	.16839	-.00002
#3	.00019	-.00193	.00099	.00314	-.00477	-.02849	.17044	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	130.61	-.00014	.00048	.00271	.05985	.18824	19.882
Stddev	.00002	.69	.00026	.00025	.00027	.00335	.00303	.029
%RSD	4.4147	.52789	181.94	52.923	9.8760	5.5896	1.6103	.14427
#1	.00041	130.03	.00002	.00021	.00281	.05614	.18505	19.914
#2	.00038	130.43	-.00000	.00053	.00291	.06265	.18858	19.858
#3	.00038	131.37	-.00045	.00071	.00240	.06074	.19109	19.874
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00234	-.00052	130.02	.00030	.03623	15.462	.00366	.50385
Stddev	.00035	.00065	.59	.00033	.00097	.077	.00016	.01208
%RSD	15.059	125.81	.45679	109.41	2.6747	.50014	4.2587	2.3981
#1	.00210	-.00127	130.06	-.00001	.03628	15.435	.00361	.50267
#2	.00218	-.00009	129.41	.00027	.03523	15.403	.00354	.49240
#3	.00275	-.00019	130.59	.00064	.03717	15.550	.00384	.51648
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.465	8.5483	-.00838	-.00331	.00298	.0061	.56639	3.8016
Stddev	.177	.0276	.00040	.00094	.00106	.0002	.00189	.2790
%RSD	.72281	.32263	4.8059	28.384	35.420	3.622	.33421	7.3391
#1	24.308	8.5429	-.00846	-.00264	.00252	.0058	.56574	3.5802
#2	24.429	8.5238	-.00794	-.00438	.00419	.0063	.56490	3.7096
#3	24.657	8.5782	-.00873	-.00290	.00224	.0061	.56852	4.1150

Sample Name: J6497-09 Acquired: 1/4/2019 17:55:34 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.28084
Stddev	.36011
%RSD	128.23

#1	.06688
#2	.07904
#3	.69660

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3538.7	44608.	4291.4	98.130	3671.4
Stddev	21.3	661.	16.8	2.521	16.3
%RSD	.60071	1.4807	.39055	2.5686	.44401

#1	3514.2	45351.	4300.8	98.482	3690.1
#2	3549.9	44385.	4301.3	100.46	3663.5
#3	3552.0	44087.	4272.0	95.452	3660.6

Sample Name: J6591-02 Acquired: 1/4/2019 17:59:39 Type: Unk
Method: P4-ICP2(v2700) 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	.00224	-.00124	.00105	.00533	-.00283	-.00891	.06459	.00004
Stddev	.00102	.00014	.00140	.00271	.00053	.00238	.00063	.00008
%RSD	45.399	11.058	133.62	50.857	18.873	26.671	.96899	190.04
#1	.00160	-.00125	.00051	.00788	-.00316	-.00720	.06477	.00012
#2	.00342	-.00109	.00263	.00565	-.00311	-.01162	.06511	-.00003
#3	.00171	-.00137	-.00001	.00248	-.00221	-.00790	.06390	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	71.562	-.00017	.00157	.00204	1.1734	.25494	7.5942
Stddev	.00001	1.120	.00004	.00022	.00011	.0303	.00508	.0921
%RSD	4.6026	1.5648	25.026	13.794	5.3166	2.5840	1.9917	1.2133
#1	-.00017	72.817	-.00021	.00175	.00192	1.2080	.24931	7.6219
#2	-.00017	71.207	-.00013	.00163	.00210	1.1513	.25917	7.6693
#3	-.00016	70.663	-.00017	.00133	.00211	1.1609	.25633	7.4914
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00697	-.00052	402.53	.00008	.00819	9.7164	.00932	.08450
Stddev	.00025	.00023	5.67	.00010	.00019	.0925	.00023	.01261
%RSD	3.5235	43.925	1.4082	124.70	2.3519	.95236	2.4375	14.925
#1	.00714	-.00053	408.78	.00018	.00841	9.8012	.00937	.09560
#2	.00708	-.00029	397.73	.00007	.00804	9.7303	.00907	.08713
#3	.00668	-.00074	401.07	-.00001	.00812	9.6177	.00952	.07079
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.443	2.7398	-.00800	-.00131	.00124	.0071	.48983	3.8449
Stddev	.151	.0134	.00052	.00063	.00135	.0006	.00785	.1844
%RSD	.73743	.48882	6.5332	47.830	108.98	7.769	1.6019	4.7948
#1	20.452	2.7416	-.00768	-.00107	.00244	.0068	.49868	3.6487
#2	20.288	2.7522	-.00772	-.00202	-.00022	.0067	.48710	3.8714
#3	20.589	2.7256	-.00860	-.00084	.00150	.0077	.48372	4.0146

Sample Name: J6591-02 Acquired: 1/4/2019 17:59:39 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.2732
Stddev	.6666
%RSD	29.326

#1	1.5079
#2	2.7274
#3	2.5843

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3527.5	44218.	4249.0	96.838	3493.8
Stddev	13.9	705.	34.1	2.665	15.2
%RSD	.39299	1.5944	.80293	2.7516	.43529

#1	3533.4	45015.	4211.2	93.825	3498.4
#2	3537.5	43676.	4258.5	98.884	3506.1
#3	3511.7	43963.	4277.4	97.806	3476.8

Sample Name: J6591-05 Acquired: 1/4/2019 18:03:52 Type: Unk
Method: P4-ICP2(v2700) 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	-.00042	.00215	.00019	.00115	-.00166	-.01104	-.00032
Stddev	.00158	.00029	.00085	.00059	.00067	.00427	.00056
%RSD	381.13	13.474	453.51	51.186	40.193	38.690	175.96

#1	-.00201	.00212	.00034	.00179	-.00154	-.00782	-.00003
#2	.00116	.00188	.00096	.00062	-.00237	-.00940	.00004
#3	-.00040	.00246	-.00073	.00105	-.00105	-.01588	-.00096

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00001	-.00561	.00019	-.00008	.00022	-.00359
Stddev	.00004	.00009	.01350	.00026	.00002	.00060	.00552
%RSD	73.848	765.63	240.75	139.61	21.855	272.49	153.82

#1	-.00002	-.00009	.00990	-.00011	-.00006	.00091	.00252
#2	-.00004	.00002	-.01472	.00039	-.00009	-.00021	-.00508
#3	-.00010	.00010	-.01200	.00027	-.00009	-.00004	-.00821

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00026	.00114	-.00031	.22369	.00002	.00890
Stddev	.00002	.01304	.00011	.00026	.01711	.00049	.00010
%RSD	25.684	4936.6	9.9014	81.736	7.6507	2556.2	1.1677

#1	-.00009	-.01000	.00126	-.00059	.20424	-.00042	.00899
#2	-.00006	-.00535	.00103	-.00028	.23041	-.00007	.00892
#3	-.00011	.01456	.00113	-.00008	.23642	.00054	.00879

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10564	-.00002	-.01225	.00347	.00070	-.00199	-.00016
Stddev	.01472	.00035	.00778	.00234	.00138	.00082	.00081
%RSD	13.931	1988.0	63.501	67.452	196.33	41.363	492.51

#1	.10152	.00028	-.00449	.00239	.00162	-.00286	-.00106
#2	.09342	-.00040	-.01221	.00616	.00137	-.00187	.00006
#3	.12197	.00006	-.02005	.00187	-.00088	-.00123	.00051

Sample Name: J6591-05 Acquired: 1/4/2019 18:03:52 Type: Unk
Method: P4-ICP2(v2700) 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	-.00146	.0020	-.00001	1.7622	F<.00000
Stddev	.00184	.0015	.00015	.0962	.22162
%RSD	125.38	72.93	1119.8	5.4604	14.965

#1	-.00276	.0009	-.00017	1.8074	-1.3524
#2	-.00226	.0014	.00011	1.6517	-1.3535
#3	.00064	.0037	.00003	1.8274	-1.7368

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3780.3	48204.	4355.6	99.100	4063.1
Stddev	30.9	273.	55.1	.973	28.4
%RSD	.81682	.56667	1.2652	.98195	.69974

#1	3758.8	48499.	4310.0	97.983	4050.4
#2	3766.4	47959.	4339.9	99.767	4043.2
#3	3815.7	48154.	4416.8	99.550	4095.7

Sample Name: CCV07 Acquired: 1/4/2019 18:16:21 Type: Unk
Method: P4-ICP2(v2700) 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	4.9067	4.9839	4.8447	4.9830	4.9384	9.8793	10.045	.24743
Stddev	.0164	.0081	.0099	.0159	.0144	.0925	.085	.00040
%RSD	.33433	.16264	.20521	.31842	.29218	.93584	.84953	.16315
#1	4.9245	4.9910	4.8475	4.9986	4.9533	9.8123	10.120	.24762
#2	4.9036	4.9857	4.8529	4.9835	4.9373	9.8408	10.063	.24772
#3	4.8921	4.9751	4.8336	4.9669	4.9246	9.9848	9.9523	.24697
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4361	25.122	1.0180	2.4263	1.2550	5.0185	2.4909	24.158
Stddev	.0026	.111	.0036	.0036	.0024	.0416	.0012	.115
%RSD	.10674	.44194	.34878	.15020	.19116	.82901	.04802	.47684
#1	2.4384	25.115	1.0220	2.4287	1.2577	5.0609	2.4910	24.106
#2	2.4367	25.014	1.0154	2.4280	1.2537	5.0170	2.4897	24.077
#3	2.4332	25.236	1.0165	2.4221	1.2535	4.9777	2.4921	24.290
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5005	1.2773	24.848	2.4781	2.5070	24.939	4.9680	4.9935
Stddev	.0032	.0024	.235	.0038	.0333	.220	.0135	.0143
%RSD	.12647	.19174	.94446	.15369	1.3290	.88059	.27096	.28613
#1	2.5034	1.2785	25.018	2.4740	2.5360	25.074	4.9810	4.9887
#2	2.5009	1.2789	24.945	2.4815	2.5144	25.058	4.9689	4.9823
#3	2.4971	1.2745	24.580	2.4789	2.4706	24.686	4.9542	5.0096
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7924	5.1718	4.8895	5.0100	5.0210	4.903	5.0634	F 3.9763
Stddev	.0079	.0370	.0048	.0200	.0385	.006	.0442	.0972
%RSD	.16545	.71551	.09893	.40011	.76754	.1255	.87273	2.4452
#1	4.8015	5.2129	4.8949	5.0174	5.0542	4.900	5.1063	4.0880
#2	4.7887	5.1616	4.8882	4.9873	5.0300	4.910	5.0660	3.9111
#3	4.7869	5.1410	4.8854	5.0253	4.9787	4.899	5.0180	3.9297

Sample Name: CCV07 Acquired: 1/4/2019 18:16:21 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.2790
Stddev .5386
%RSD 42.111

#1 .81642
#2 1.8703
#3 1.1503

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3646.8	45936.	4304.7	92.879	3593.6
Stddev	14.4	111.	35.1	1.298	10.3
%RSD	.39624	.24105	.81501	1.3974	.28787

#1	3631.0	45834.	4271.8	91.660	3582.7
#2	3650.3	45920.	4300.7	92.733	3595.0
#3	3659.2	46054.	4341.7	94.243	3603.2

Sample Name: CCB07 Acquired: 1/4/2019 18:20:02 Type: Unk
Method: P4-ICP2(v2700) 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	.00020	.00210	.00288	.00367	.00382	-.00668	-.00007
Stddev	.00111	.00150	.00082	.00158	.00107	.01421	.00142
%RSD	554.58	71.439	28.455	43.108	28.005	212.74	2158.1

#1	.00030	.00309	.00380	.00528	.00448	-.01079	.00021
#2	.00126	.00283	.00224	.00359	.00259	.00913	-.00160
#3	-.00096	.00037	.00260	.00212	.00440	-.01837	.00119

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00005	.01617	.00045	-.00005	.00011	-.00188
Stddev	.00007	.00007	.00656	.00044	.00002	.00019	.00785
%RSD	312.05	158.20	40.577	96.129	32.324	171.48	417.87

#1	-.00009	.00009	.01516	.00073	-.00005	.00033	.00710
#2	-.00003	-.00004	.02318	-.00005	-.00004	.00004	-.00531
#3	.00005	.00009	.01017	.00068	-.00007	-.00004	-.00743

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.01158	.00058	.00012	-.03811	.00003	.00020
Stddev	.00001	.02561	.00021	.00014	.00843	.00020	.00008
%RSD	13.722	221.13	36.782	113.44	22.105	657.78	41.779

#1	-.00006	.00642	.00046	.00025	-.02839	-.00019	.00024
#2	-.00007	-.00026	.00045	-.00002	-.04296	.00007	.00025
#3	-.00008	-.04090	.00083	.00013	-.04299	.00021	.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16219	.00042	-.00767	-.00211	.00541	-.00061	.00106
Stddev	.01229	.00036	.00536	.00290	.00067	.00082	.00198
%RSD	7.5781	87.472	69.878	137.13	12.369	134.07	186.28

#1	.15703	.00081	-.01142	.00083	.00585	.00008	-.00112
#2	.17622	.00033	-.00153	-.00221	.00573	-.00040	.00158
#3	.15332	.00010	-.01005	-.00497	.00464	-.00151	.00274

Sample Name: CCB07 Acquired: 1/4/2019 18:20:02 Type: Unk
 Method: P4-ICP2(v2700) 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	.00013	.0006	.00016	F 2.0886	F<.00000
Stddev	.00089	.0005	.00015	.3094	.40407
%RSD	699.97	80.04	97.528	14.812	17.408
#1	.00051	.0009	.00005	1.7333	-2.6041
#2	.00077	.0008	.00009	2.2336	-2.5010
#3	-.00089	.0001	.00033	2.2987	-1.8584
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3715.6	47477.	4286.1	97.753	3939.1
Stddev	2.1	76.	19.0	.712	3.3
%RSD	.05727	.16035	.44328	.72843	.08390
#1	3713.9	47564.	4277.7	96.942	3941.5
#2	3718.0	47423.	4272.7	98.275	3935.3
#3	3714.8	47443.	4307.8	98.042	3940.4

Sample Name: J6591-07 Acquired: 1/4/2019 18:28:47 Type: Unk
Method: P4-ICP2(v2700) 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	.00319	-.00023	.00141	.00559	-.00044	-.01618	.06407	-.00004
Stddev	.00083	.00076	.00073	.00161	.00112	.00539	.00062	.00006
%RSD	25.990	323.48	51.611	28.842	252.33	33.294	.97209	154.88
#1	.00242	.00024	.00083	.00383	.00055	-.01051	.06397	.00003
#2	.00407	.00017	.00222	.00700	-.00022	-.01679	.06351	-.00009
#3	.00309	-.00111	.00117	.00594	-.00166	-.02123	.06474	-.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	72.096	-.00034	.00136	.00219	1.3083	.25816	7.5099
Stddev	.00003	.330	.00049	.00027	.00024	.0109	.00722	.0247
%RSD	31.627	.45799	142.42	20.003	11.152	.83457	2.7968	.32905
#1	-.00014	72.360	-.00045	.00144	.00246	1.3159	.26640	7.4813
#2	-.00009	72.202	.00019	.00158	.00214	1.3132	.25515	7.5250
#3	-.00008	71.726	-.00077	.00105	.00198	1.2958	.25294	7.5232
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00690	-.00024	399.24	.00006	.00767	9.4994	.00933	.09295
Stddev	.00042	.00066	4.82	.00030	.00005	.0604	.00029	.00556
%RSD	6.1439	274.32	1.2082	518.35	.62707	.63532	3.1087	5.9838
#1	.00660	.00047	404.80	.00029	.00772	9.4681	.00909	.09816
#2	.00739	-.00037	396.13	-.00029	.00762	9.4612	.00965	.08710
#3	.00673	-.00082	396.80	.00017	.00768	9.5690	.00925	.09360
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.204	2.7493	-.00796	-.00129	.00160	.0080	.48529	4.3673
Stddev	.107	.0135	.00103	.00127	.00071	.0011	.00213	.6708
%RSD	.52864	.48955	12.888	98.825	44.198	13.28	.43806	15.360
#1	20.286	2.7648	-.00876	-.00270	.00191	.0075	.48774	5.1189
#2	20.244	2.7406	-.00680	-.00025	.00079	.0072	.48419	4.1541
#3	20.083	2.7424	-.00831	-.00091	.00209	.0092	.48393	3.8291

Sample Name: J6591-07 Acquired: 1/4/2019 18:28:47 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.0540
Stddev	.6783
%RSD	22.212

#1	2.4243
#2	3.7723
#3	2.9653

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3582.6	44029.	4234.8	95.163	3538.5
Stddev	15.4	1015.	6.2	.327	18.4
%RSD	.43073	2.3062	.14740	.34351	.51950

#1	3572.8	42886.	4227.7	94.796	3519.8
#2	3600.4	44375.	4239.4	95.423	3539.0
#3	3574.5	44826.	4237.4	95.269	3556.6

Sample Name: K1029-01 Acquired: 1/4/2019 18:33:01 Type: Unk
Method: P4-ICP2(v2700) 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	.00374	-.00201	.00695	.01163	.01230	1.7124	.12068	.00009
Stddev	.00259	.00061	.00036	.00036	.00093	.0137	.00041	.00004
%RSD	69.388	30.351	5.1424	3.1213	7.5312	.80061	.33769	44.767

#1	.00653	-.00181	.00659	.01202	.01222	1.6984	.12082	.00006
#2	.00327	-.00270	.00695	.01156	.01326	1.7258	.12100	.00008
#3	.00141	-.00153	.00731	.01131	.01141	1.7131	.12022	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	132.97	.04382	.00353	.01180	5.0939	1.1680	20.274
Stddev	.00004	1.67	.00066	.00020	.00025	.1232	.0013	.024
%RSD	32.870	1.2521	1.4995	5.6858	2.1467	2.4185	.11441	.11920

#1	-.00015	134.73	.04406	.00334	.01194	5.1071	1.1666	20.247
#2	-.00017	132.78	.04308	.00374	.01151	5.2099	1.1681	20.281
#3	-.00008	131.42	.04432	.00352	.01196	4.9646	1.1692	20.295

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02028	-.00073	596.35	.01347	.05810	10.629	.02289	.23864
Stddev	.00046	.00060	8.41	.00034	.00216	.016	.00051	.00137
%RSD	2.2857	82.397	1.4103	2.5220	3.7131	.15124	2.2428	.57381

#1	.01980	-.00097	606.02	.01378	.05954	10.646	.02306	.23925
#2	.02072	-.00005	592.27	.01311	.05913	10.625	.02232	.23959
#3	.02032	-.00119	590.76	.01351	.05562	10.615	.02330	.23707

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 37.873	9.0653	-.01346	.05398	.01927	.1534	1.1468	5.6165
Stddev	.193	.1293	.00033	.00109	.00061	.0018	.0162	.1817
%RSD	.50886	1.4266	2.4469	2.0173	3.1594	1.169	1.4126	3.2347

#1	38.059	9.2028	-.01312	.05484	.01993	.1537	1.1646	5.6344
#2	37.886	9.0472	-.01378	.05276	.01873	.1550	1.1430	5.7886
#3	37.675	8.9460	-.01349	.05435	.01916	.1515	1.1329	5.4265

Sample Name: K1029-01 Acquired: 1/4/2019 18:33:01 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.4629
Stddev	.2957
%RSD	6.6258

#1	4.2843
#2	4.3003
#3	4.8043

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3314.4	41233.	4028.3	89.401	3205.9
Stddev	25.6	160.	74.6	3.171	21.3
%RSD	.77237	.38706	1.8513	3.5466	.66463

#1	3284.8	41054.	3946.7	87.173	3182.6
#2	3328.0	41284.	4045.5	88.000	3210.8
#3	3330.3	41360.	4092.8	93.031	3224.3

Sample Name: K1029-03 Acquired: 1/4/2019 18:37:12 Type: Unk
Method: P4-ICP2(v2700) 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	-.00248	-.00276	.00538	.01858	.00696	.19515	.09562	-.00009
Stddev	.00147	.00076	.00054	.00096	.00222	.01665	.00052	.00008
%RSD	59.302	27.674	9.9535	5.1870	31.895	8.5335	.54619	89.633
#1	-.00151	-.00252	.00569	.01750	.00937	.19636	.09604	-.00001
#2	-.00175	-.00215	.00570	.01887	.00499	.17792	.09503	-.00008
#3	-.00417	-.00362	.00477	.01936	.00653	.21117	.09579	-.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	318.88	.02870	.00146	.00562	.97413	.64219	51.782
Stddev	.00011	1.79	.00071	.00025	.00019	.02122	.00214	.143
%RSD	109.97	.56274	2.4621	17.143	3.4025	2.1784	.33271	.27635
#1	-.00001	320.48	.02794	.00118	.00584	.97124	.63973	51.779
#2	-.00023	316.94	.02883	.00168	.00549	.99664	.64337	51.640
#3	-.00007	319.21	.02933	.00151	.00553	.95449	.64348	51.927
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01392	-.00015	787.10	.00164	.08906	28.506	.00472	.20378
Stddev	.00019	.00034	.59	.00055	.00124	.094	.00008	.00129
%RSD	1.3934	220.83	.07477	33.308	1.3940	.33052	1.6473	.63285
#1	.01375	-.00044	787.17	.00210	.08806	28.581	.00475	.20527
#2	.01387	.00022	786.48	.00179	.09045	28.401	.00463	.20305
#3	.01413	-.00024	787.65	.00104	.08866	28.537	.00478	.20302
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 103.47	6.2157	-.03813	.00099	.01683	.0256	1.8223	6.6555
Stddev	.23	.0305	.00075	.00081	.00066	.0010	.0137	.2323
%RSD	.22101	.49128	1.9646	81.797	3.9398	4.014	.75298	3.4902
#1	103.73	6.2455	-.03853	.00135	.01705	.0267	1.8354	6.4905
#2	103.32	6.1845	-.03726	.00155	.01608	.0253	1.8080	6.9211
#3	103.35	6.2169	-.03859	.00006	.01735	.0247	1.8234	6.5548

Sample Name: K1029-03 Acquired: 1/4/2019 18:37:12 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.7557
Stddev .4907
%RSD 10.319

#1 4.5356
#2 4.4135
#3 5.3179

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3183.8	39531.	3889.6	86.840	3053.8
Stddev	12.6	131.	28.5	1.113	14.1
%RSD	.39612	.33036	.73315	1.2820	.46012

#1	3170.3	39625.	3857.6	87.332	3038.3
#2	3186.0	39382.	3912.3	85.566	3057.1
#3	3195.2	39585.	3899.0	87.623	3065.8

Sample Name: K1029-05 Acquired: 1/4/2019 18:41:22 Type: Unk
Method: P4-ICP2(v2700) 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	.00283	-.00166	.00187	.00517	.00898	1.6688	.02794	-.00004
Stddev	.00147	.00122	.00057	.00294	.00063	.0113	.00026	.00007
%RSD	51.991	73.280	30.559	56.971	6.9783	.67713	.92943	194.51
#1	.00438	-.00202	.00174	.00852	.00826	1.6571	.02804	.00004
#2	.00264	-.00030	.00249	.00397	.00942	1.6796	.02814	-.00008
#3	.00146	-.00265	.00137	.00301	.00926	1.6697	.02765	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	10.639	.01194	.00115	.01133	2.6349	.18998	.80521
Stddev	.00007	.027	.00012	.00029	.00013	.0477	.00077	.05455
%RSD	46.852	.25480	.98862	24.946	1.1405	1.8104	.40275	6.7747
#1	-.00012	10.636	.01206	.00096	.01120	2.6090	.18935	.84358
#2	-.00010	10.614	.01193	.00101	.01146	2.6899	.19083	.82928
#3	-.00023	10.668	.01183	.00149	.01132	2.6058	.18977	.74276
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00633	-.00053	864.18	.00586	.02348	4.3523	.03891	.08998
Stddev	.00040	.00042	.31	.00034	.00050	.0203	.00027	.00674
%RSD	6.3534	78.367	.03561	5.7663	2.1471	.46623	.68660	7.4945
#1	.00649	-.00010	864.41	.00582	.02323	4.3424	.03870	.08466
#2	.00587	-.00093	864.29	.00622	.02406	4.3756	.03882	.08773
#3	.00662	-.00057	863.83	.00555	.02314	4.3388	.03921	.09757
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.707	7.6272	-.00434	.02345	.00536	.1184	.05351	5.5113
Stddev	.030	.0508	.00067	.00206	.00089	.0009	.00013	.1387
%RSD	.25414	.66658	15.556	8.7703	16.599	.7549	.24044	2.5172
#1	11.707	7.6752	-.00462	.02221	.00618	.1176	.05360	5.3693
#2	11.737	7.6324	-.00357	.02582	.00549	.1182	.05356	5.6465
#3	11.678	7.5739	-.00482	.02231	.00441	.1194	.05336	5.5180

Sample Name: K1029-05 Acquired: 1/4/2019 18:41:22 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.2885
Stddev	.2292
%RSD	6.9693

#1	3.0635
#2	3.5217
#3	3.2803

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3358.2	41296.	4001.1	90.617	3228.6
Stddev	13.8	140.	28.4	1.725	8.2
%RSD	.41006	.33989	.70897	1.9032	.25289

#1	3344.3	41457.	3970.3	91.242	3223.3
#2	3358.5	41229.	4006.6	88.667	3224.5
#3	3371.9	41202.	4026.3	91.942	3238.0

Sample Name: K1043-01 Acquired: 1/4/2019 18:45:35 Type: Unk
Method: P4-ICP2(v2700) 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	.00467	-.00307	.19095	.00630	.00816	3.7106	.68756	.00013
Stddev	.00231	.00046	.00025	.00298	.00087	.0144	.00516	.00007
%RSD	49.439	15.107	.12944	47.409	10.703	.38879	.75115	52.801
#1	.00445	-.00349	.19121	.00904	.00873	3.7056	.68752	.00007
#2	.00248	-.00257	.19090	.00312	.00715	3.7269	.69275	.00020
#3	.00708	-.00314	.19072	.00672	.00859	3.6994	.68242	.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00506	305.52	.00534	.00833	.04444	11.788	2.9453	62.877
Stddev	.00012	2.72	.00031	.00014	.00034	.214	.0069	.279
%RSD	2.4430	.89090	5.7839	1.6521	.76521	1.8141	.23250	.44437
#1	.00492	304.85	.00521	.00818	.04462	11.632	2.9501	62.606
#2	.00510	308.51	.00511	.00845	.04465	12.032	2.9484	63.164
#3	.00516	303.19	.00569	.00837	.04405	11.701	2.9375	62.862
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00706	-.00078	899.13	.01447	.32042	42.364	.01101	1.1176
Stddev	.00011	.00007	8.77	.00073	.00448	.294	.00025	.0067
%RSD	1.5375	8.4554	.97593	5.0186	1.3989	.69423	2.2891	.60423
#1	.00717	-.00072	908.88	.01384	.31923	42.289	.01084	1.1100
#2	.00695	-.00078	896.64	.01526	.32537	42.688	.01089	1.1202
#3	.00708	-.00085	891.86	.01430	.31664	42.114	.01130	1.1228
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7129	F 34.123	.00873	.16806	.27103	.3975	1.7375	6.3455
Stddev	.0086	.278	.00071	.00137	.00140	.0023	.0184	.1864
%RSD	.31859	.81526	8.1822	.81489	.51533	.5908	1.0600	2.9368
#1	2.7172	34.301	.00801	.16805	.26943	.3994	1.7363	6.2687
#2	2.7186	34.265	.00874	.16943	.27161	.3983	1.7565	6.5580
#3	2.7030	33.802	.00944	.16669	.27203	.3949	1.7198	6.2099

Sample Name: K1043-01 Acquired: 1/4/2019 18:45:35 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.5332
Stddev .3260
%RSD 4.3280

#1 7.4548
#2 7.8912
#3 7.2534

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3266.5	40633.	4004.4	87.578	3061.2
Stddev	10.1	85.	31.9	1.107	5.7
%RSD	.30767	.20823	.79729	1.2637	.18773

#1	3266.9	40561.	3981.2	87.946	3060.6
#2	3256.2	40612.	3991.2	86.334	3055.8
#3	3276.3	40726.	4040.9	88.453	3067.2

Sample Name: K1002-02 Acquired: 1/4/2019 18:49:43 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-010219 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	-.00186	.02685	.00150	.00116	.15681	.16924	.00003
Stddev	.00274	.00024	.00115	.00028	.00187	.00316	.00221	.00002
%RSD	3701.3	12.867	4.2677	18.572	160.97	2.0124	1.3033	56.704

#1	-.00252	-.00170	.02571	.00134	.00201	.16008	.16699	.00005
#2	.00295	-.00176	.02684	.00182	.00245	.15656	.16933	.00002
#3	-.00020	-.00214	.02801	.00134	-.00098	.15378	.17140	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	11.834	.00082	.00467	.01386	.08354	.21351	1.2926
Stddev	.00002	.097	.00023	.00022	.00027	.01444	.00043	.0171
%RSD	11.388	.82220	28.079	4.6232	1.9192	17.279	.20055	1.3197

#1	.00020	11.790	.00056	.00462	.01403	.07993	.21324	1.2729
#2	.00020	11.766	.00095	.00448	.01356	.07126	.21329	1.3022
#3	.00024	11.945	.00097	.00490	.01401	.09944	.21401	1.3026

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00428	-.00033	292.92	.00006	.06578	.97180	.00016	.01235
Stddev	.00032	.00042	4.94	.00027	.00102	.01433	.00035	.00697
%RSD	7.5820	126.77	1.6849	463.48	1.5561	1.4747	213.84	56.469

#1	.00433	-.00013	291.23	-.00008	.06610	.97211	-.00013	.01238
#2	.00457	-.00005	289.05	.00037	.06463	.98598	.00007	.01931
#3	.00393	-.00082	298.47	-.00012	.06660	.95732	.00055	.00536

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39689	.73552	-.00092	.00255	.00038	.0069	.05899	3.0133
Stddev	.00358	.00888	.00030	.00096	.00147	.0012	.00055	.5633
%RSD	.90166	1.2076	32.500	37.511	387.55	17.43	.93769	18.695

#1	.39780	.72906	-.00086	.00195	.00001	.0082	.05843	2.8935
#2	.39294	.74565	-.00125	.00205	.00200	.0065	.05901	2.5195
#3	.39992	.73184	-.00066	.00366	-.00087	.0059	.05954	3.6269

Sample Name: K1002-02 Acquired: 1/4/2019 18:49:43 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-010219 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1625
 Stddev .3997
 %RSD 34.380

#1 .83348
 #2 1.0467
 #3 1.6073

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3597.6	45286.	4311.5	96.019	3556.5
Stddev	11.2	175.	31.2	1.513	5.3
%RSD	.31029	.38651	.72401	1.5758	.14814

#1	3604.3	45385.	4318.0	96.067	3550.4
#2	3603.8	45388.	4339.0	97.508	3559.6
#3	3584.7	45083.	4277.6	94.483	3559.5

Sample Name: K1002-02DUP Acquired: 1/4/2019 18:53:57 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-010219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00158	.00004	.02542	.00312	.00094	.13871	.16470	.00001
Stddev	.00167	.00075	.00022	.00093	.00167	.00686	.00208	.00003
%RSD	106.31	1672.8	.88367	29.773	177.86	4.9438	1.2657	476.05

#1	.00029	.00075	.02559	.00391	-.00087	.13116	.16679	.00003
#2	-.00295	-.00075	.02551	.00336	.00128	.14042	.16469	.00002
#3	-.00207	.00014	.02517	.00210	.00241	.14455	.16262	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	11.492	.00049	.00446	.01327	.07420	.20644	1.2679
Stddev	.00005	.179	.00021	.00008	.00027	.00905	.00072	.0121
%RSD	20.179	1.5572	41.962	1.8597	2.0430	12.190	.34998	.95276

#1	.00029	11.696	.00026	.00447	.01298	.07477	.20561	1.2818
#2	.00020	11.361	.00055	.00437	.01331	.06489	.20680	1.2610
#3	.00024	11.419	.00067	.00454	.01352	.08295	.20691	1.2608

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00436	-.00060	286.88	.00010	.06519	.86348	-.00009	.00677
Stddev	.00036	.00033	4.86	.00019	.00153	.03560	.00019	.00581
%RSD	8.2037	54.873	1.6931	195.57	2.3424	4.1234	223.81	85.837

#1	.00467	-.00032	292.40	.00031	.06695	.90428	.00008	.00066
#2	.00397	-.00096	284.99	-.00003	.06438	.83867	-.00030	.00742
#3	.00444	-.00051	283.25	.00000	.06423	.84750	-.00004	.01222

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38111	.71516	-.00089	.00206	.00011	.0070	.05721	2.3958
Stddev	.00238	.01736	.00048	.00228	.00061	.0006	.00073	.1957
%RSD	.62374	2.4271	53.999	110.29	539.51	8.461	1.2683	8.1693

#1	.37857	.73472	-.00058	.00102	.00072	.0065	.05801	2.2328
#2	.38328	.70914	-.00145	.00468	.00014	.0068	.05702	2.3417
#3	.38148	.70161	-.00066	.00050	-.00051	.0077	.05659	2.6129

Sample Name: K1002-02DUP Acquired: 1/4/2019 18:53:57 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-010219 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.22046
Stddev	.66208
%RSD	300.32

#1	-.10879
#2	-.21245
#3	.98262

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3707.4	46825.	4363.6	97.078	3688.5
Stddev	11.9	41.	89.9	2.148	10.8
%RSD	.32223	.08812	2.0608	2.2128	.29364

#1	3700.7	46813.	4264.1	94.600	3680.2
#2	3721.2	46871.	4387.8	98.417	3700.8
#3	3700.4	46791.	4439.0	98.217	3684.5

Sample Name: K1002-02LX5 Acquired: 1/4/2019 18:58:10 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13178 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00118	.00124	.00359	.00124	.00219	.02257	.02970
Stddev	.00203	.00039	.00052	.00188	.00139	.00391	.00076
%RSD	172.02	31.144	14.508	151.93	63.544	17.301	2.5689

#1	.00222	.00084	.00407	-.00078	.00334	.01907	.02925
#2	-.00116	.00127	.00366	.00294	.00259	.02187	.02927
#3	.00247	.00161	.00304	.00156	.00064	.02678	.03058

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00011	2.1493	-.00013	.00068	.00283	.02017
Stddev	.00001	.00003	.0163	.00030	.00016	.00014	.00468
%RSD	56.547	26.007	.75722	232.25	23.270	4.9930	23.190

#1	.00004	.00011	2.1611	-.00041	.00061	.00267	.02515
#2	.00002	.00014	2.1307	-.00017	.00087	.00288	.01951
#3	.00001	.00008	2.1559	.00019	.00057	.00294	.01586

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03867	.21160	.00145	-.00036	54.347	.00038	.01314
Stddev	.00023	.01261	.00034	.00026	.233	.00043	.00020
%RSD	.60326	5.9594	23.544	72.667	.42781	112.80	1.5403

#1	.03883	.19797	.00114	-.00060	54.598	.00009	.01330
#2	.03840	.22284	.00182	-.00008	54.304	.00087	.01292
#3	.03878	.21400	.00139	-.00040	54.139	.00018	.01321

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32193	-.00006	-.00329	.06248	.13548	-.00115	-.00001
Stddev	.02997	.00009	.00417	.00280	.00151	.00042	.00028
%RSD	9.3087	147.07	126.77	4.4759	1.1114	36.697	1976.5

#1	.35437	.00003	-.00577	.05988	.13602	-.00083	.00025
#2	.29529	-.00014	-.00562	.06212	.13378	-.00099	-.00032
#3	.31613	-.00007	.00153	.06544	.13664	-.00163	.00003

Sample Name: K1002-02LX5 Acquired: 1/4/2019 18:58:10 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13178 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00059	.0028	.01050	1.4139	F<.00000
Stddev	.00069	.0010	.00003	.0193	.09030
%RSD	116.04	34.68	.25126	1.3666	7.2933
#1	-.00010	.0039	.01048	1.4228	-1.3315
#2	.00060	.0022	.01048	1.3917	-1.1512
#3	.00128	.0022	.01053	1.4272	-1.2316
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3834.3	48413.	4355.7	98.113	3934.2
Stddev	11.3	82.	30.1	1.280	6.3
%RSD	.29596	.17025	.69085	1.3046	.16068
#1	3827.5	48371.	4324.9	96.695	3930.2
#2	3828.1	48508.	4357.1	99.182	3930.9
#3	3847.4	48360.	4385.0	98.464	3941.5

Sample Name: K1002-02MS Acquired: 1/4/2019 19:02:18 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-010219 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	.76205	1.8621	.94387	1.9326	.75999	2.0647	.37114	.19202	.19064
Stddev	.01050	.0162	.00915	.0088	.00631	.0223	.00529	.00054	.00158
%RSD	1.3776	.86893	.96924	.45763	.83058	1.0800	1.4251	.27996	.82635

#1	.76808	1.8618	.94482	1.9404	.76454	2.0712	.37724	.19190	.19066
#2	.76815	1.8784	.95251	1.9344	.76264	2.0399	.36810	.19261	.19220
#3	.74993	1.8461	.93429	1.9230	.75279	2.0831	.36806	.19156	.18905

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.346	.40411	.19679	.30882	3.0791	.39641	3.2372	.49341	.07008
Stddev	.141	.00076	.00168	.00179	.0361	.00059	.0280	.00440	.00094
%RSD	1.1395	.18874	.85242	.57846	1.1735	.14975	.86388	.89170	1.3443

#1	12.508	.40328	.19657	.30893	3.1208	.39618	3.2543	.49276	.06927
#2	12.281	.40478	.19857	.31055	3.0579	.39708	3.2523	.49809	.06986
#3	12.250	.40429	.19523	.30698	3.0586	.39596	3.2049	.48937	.07111

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	289.00	.30211	.25606	11.096	.40933	.30817	.36529	1.6486	.67074
Stddev	2.63	.00043	.00588	.125	.00311	.00849	.00623	.0063	.00540
%RSD	.91131	.14186	2.2949	1.1247	.75904	2.7543	1.7052	.38083	.80551

#1	292.02	.30186	.26223	11.238	.41081	.30920	.35999	1.6558	.66978
#2	287.16	.30261	.25545	11.008	.41142	.31610	.37215	1.6441	.67655
#3	287.83	.30187	.25052	11.040	.40576	.29922	.36373	1.6459	.66587

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20622	.20763	5.728	.25399	1.9553	.04610
Stddev	.00246	.00271	.045	.00291	.1887	.67054
%RSD	1.1914	1.3033	.7920	1.1456	9.6482	1454.6

#1	.20905	.20970	5.722	.25725	2.1599	-.70662
#2	.20462	.20456	5.776	.25306	1.9179	.57957
#3	.20498	.20861	5.685	.25165	1.7882	.26535

Sample Name: K1002-02MS Acquired: 1/4/2019 19:02:18 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-010219 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	3754.4	47310.	4306.9	98.016	3710.8
Stddev	25.2	110.	51.9	2.217	28.7
%RSD	.67233	.23246	1.2048	2.2615	.77243
#1	3737.1	47374.	4248.5	95.647	3709.7
#2	3742.8	47183.	4324.6	98.360	3682.7
#3	3783.4	47373.	4347.7	100.04	3740.0

Sample Name: K1002-02MSD Acquired: 1/4/2019 19:06:14 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-010219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77350	1.8787	.95445	1.9562	.76958	2.0865	.36935	.19344
Stddev	.00357	.0039	.00269	.0108	.00340	.0169	.00126	.00026
%RSD	.46193	.20759	.28171	.55087	.44191	.81009	.34006	.13649
#1	.77228	1.8822	.95506	1.9440	.76836	2.0694	.36988	.19319
#2	.77753	1.8794	.95678	1.9646	.76696	2.0869	.36792	.19371
#3	.77070	1.8745	.95151	1.9598	.77342	2.1032	.37026	.19341
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19215	12.332	.40898	.19864	.31221	3.0916	.39953	3.2101
Stddev	.00046	.149	.00218	.00047	.00180	.0868	.00072	.0330
%RSD	.24081	1.2104	.53399	.23739	.57539	2.8081	.17897	1.0291
#1	.19245	12.281	.40658	.19817	.31020	3.0297	.39884	3.2284
#2	.19238	12.215	.41084	.19912	.31366	3.1909	.40027	3.1720
#3	.19162	12.500	.40951	.19863	.31276	3.0543	.39948	3.2300
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49744	.07128	288.18	.30447	.25609	11.019	.41376	.30964
Stddev	.00183	.00011	.90	.00147	.00752	.028	.00203	.00465
%RSD	.36862	.15547	.31093	.48391	2.9370	.25008	.49101	1.5022
#1	.49691	.07139	287.86	.30280	.25109	11.014	.41144	.31474
#2	.49947	.07117	287.49	.30506	.26474	10.994	.41463	.30563
#3	.49592	.07130	289.19	.30556	.25244	11.048	.41521	.30855
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36845	1.6273	.67723	.20635	.20538	5.792	.25226	2.7542
Stddev	.00148	.0125	.00045	.00196	.00010	.016	.00095	.2128
%RSD	.40183	.76962	.06705	.94889	.05020	.2697	.37545	7.7266
#1	.36821	1.6195	.67716	.20438	.20538	5.782	.25160	2.6257
#2	.37004	1.6205	.67681	.20637	.20548	5.810	.25184	2.9999
#3	.36711	1.6417	.67771	.20829	.20527	5.785	.25335	2.6371

Sample Name: K1002-02MSD Acquired: 1/4/2019 19:06:14 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-010219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.55799
%RSD	66.402

#1	-1.4797
#2	-.45180
#3	-.58945

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3723.0	46802.	4347.9	98.009	3684.4
Stddev	17.4	156.	8.0	2.957	13.1
%RSD	.46774	.33413	.18313	3.0166	.35490

#1	3742.9	46894.	4351.7	99.706	3680.5
#2	3710.4	46621.	4353.2	94.595	3673.8
#3	3715.7	46890.	4338.7	99.726	3699.0

Sample Name: CCV08 Acquired: 1/4/2019 19:10:10 Type: Unk
Method: P4-ICP2(v2700) 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	4.7937	4.9064	4.7320	4.8713	4.8133	9.5520	9.9498	.24108
Stddev	.0245	.0287	.0253	.0229	.0189	.0439	.1024	.00094
%RSD	.51161	.58417	.53421	.47080	.39312	.45920	1.0289	.38909
#1	4.7669	4.8770	4.7051	4.8455	4.7936	9.5506	10.004	.24004
#2	4.8151	4.9343	4.7553	4.8893	4.8313	9.5089	10.014	.24134
#3	4.7990	4.9079	4.7354	4.8792	4.8151	9.5966	9.8318	.24186
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3940	24.979	.99670	2.3757	1.2327	4.9634	2.4400	24.023
Stddev	.0151	.026	.00473	.0130	.0080	.0611	.0033	.065
%RSD	.62980	.10342	.47475	.54737	.65173	1.2301	.13400	.27215
#1	2.3782	24.963	.99988	2.3620	1.2244	4.9111	2.4373	23.947
#2	2.4083	25.009	.99895	2.3879	1.2404	5.0305	2.4437	24.060
#3	2.3953	24.966	.99126	2.3772	1.2335	4.9485	2.4391	24.061
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4664	1.2414	25.240	2.4391	2.4457	24.919	4.8652	4.9795
Stddev	.0137	.0058	.253	.0027	.0428	.255	.0274	.0223
%RSD	.55661	.46972	1.0006	.11006	1.7500	1.0226	.56228	.44872
#1	2.4516	1.2454	25.376	2.4364	2.4257	25.078	4.8410	4.9943
#2	2.4786	1.2441	25.394	2.4390	2.4949	25.053	4.8949	4.9904
#3	2.4691	1.2347	24.948	2.4418	2.4166	24.625	4.8598	4.9538
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6665	5.0729	4.7999	4.9171	4.9824	4.816	4.9884	F 2.8858
Stddev	.0176	.0367	.0344	.0145	.0492	.021	.0472	.2781
%RSD	.37633	.72268	.71609	.29433	.98771	.4468	.94612	9.6383
#1	4.6564	5.1035	4.7631	4.9148	5.0073	4.793	5.0048	3.0381
#2	4.6867	5.0829	4.8312	4.9325	5.0142	4.835	5.0252	3.0545
#3	4.6563	5.0323	4.8053	4.9039	4.9257	4.821	4.9352	2.5648

Sample Name: CCV08 Acquired: 1/4/2019 19:10:10 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5341
Stddev	.0686
%RSD	4.4742

#1	1.4649
#2	1.6022
#3	1.5354

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3746.6	47147.	4315.6	95.125	3680.5
Stddev	13.3	251.	43.5	1.627	12.3
%RSD	.35606	.53194	1.0075	1.7107	.33395

#1	3750.6	47131.	4295.0	95.550	3688.3
#2	3731.7	46905.	4286.3	93.327	3666.3
#3	3757.4	47405.	4365.6	96.498	3686.8

Sample Name: CCB08 Acquired: 1/4/2019 19:13:50 Type: Unk
Method: P4-ICP2(v2700) 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	.00051	.00215	-.00011	-.00032	.00137	-.00845	.00020
Stddev	.00062	.00105	.00065	.00334	.00082	.00603	.00054
%RSD	121.24	48.766	578.24	1044.7	60.122	71.346	272.84

#1	.00066	.00248	.00024	.00275	.00067	-.01142	-.00031
#2	.00104	.00299	.00028	.00018	.00116	-.00151	.00077
#3	-.00017	.00098	-.00087	-.00388	.00228	-.01243	.00014

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00001	.00221	-.00001	.00013	-.00003	-.00049
Stddev	.00001	.00001	.00278	.00022	.00014	.00012	.00194
%RSD	25.953	105.95	125.89	2040.9	112.32	415.57	398.15

#1	.00002	.00001	.00480	-.00000	.00020	.00011	-.00026
#2	.00003	-.00000	.00256	.00020	.00021	-.00011	.00133
#3	.00004	.00001	-.00073	-.00023	-.00004	-.00008	-.00253

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00462	.00104	-.00017	.07377	.00019	-.00015
Stddev	.00001	.01585	.00028	.00013	.02187	.00046	.00004
%RSD	15.642	342.74	26.771	77.657	29.646	241.09	27.456

#1	-.00006	.02223	.00092	-.00025	.09806	.00025	-.00012
#2	-.00008	.00015	.00084	-.00023	.06757	.00061	-.00019
#3	-.00007	-.00850	.00135	-.00002	.05567	-.00030	-.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15291	-.00007	-.00459	-.00320	.00020	-.00127	-.00035
Stddev	.02875	.00018	.00548	.00180	.00165	.00064	.00083
%RSD	18.802	258.74	119.50	56.142	837.56	50.623	237.24

#1	.18587	.00013	-.01019	-.00156	-.00124	-.00198	-.00129
#2	.13297	-.00023	-.00435	-.00513	.00200	-.00110	-.00007
#3	.13989	-.00011	.00077	-.00292	-.00017	-.00073	.00030

Sample Name: CCB08 Acquired: 1/4/2019 19:13:50 Type: Unk
 Method: P4-ICP2(v2700) 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	-.00111	.0023	.00010	F 1.3124	F<.00000
Stddev	.00054	.0002	.00008	.1631	.68475
%RSD	49.098	9.520	77.658	12.429	35.524

#1	-.00150	.0021	.00001	1.2739	-2.6838
#2	-.00134	.0023	.00014	1.1721	-1.3496
#3	-.00049	.0025	.00014	1.4914	-1.7493

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3821.7	48934.	4345.8	101.12	4026.4
Stddev	3.8	185.	5.6	1.89	4.3
%RSD	.09958	.37839	.12816	1.8675	.10606

#1	3819.5	48811.	4344.7	99.558	4024.1
#2	3819.6	49147.	4351.8	100.58	4023.8
#3	3826.1	48844.	4340.8	103.22	4031.3

Sample Name: K1002-02A Acquired: 1/4/2019 19:17:59 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14435 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	.77308	1.8853	.95591	1.9522	.76734	2.1092	.37265	.19565	.19328
Stddev	.00906	.0117	.00684	.0290	.01209	.0189	.00420	.00021	.00106
%RSD	1.1715	.61911	.71558	1.4858	1.5753	.89623	1.1268	.10571	.54827
#1	.77330	1.8873	.95588	1.9476	.76678	2.1040	.37552	.19587	.19334
#2	.76392	1.8728	.94909	1.9257	.75554	2.0935	.37460	.19546	.19219
#3	.78203	1.8959	.96277	1.9832	.77969	2.1302	.36783	.19561	.19431
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.494	.41491	.19937	.31297	3.1393	.40429	3.2395	.49970	.07182
Stddev	.064	.00182	.00133	.00447	.0423	.00055	.0162	.00382	.00064
%RSD	.51031	.43861	.66730	1.4275	1.3476	.13649	.49895	.76538	.89401
#1	12.504	.41649	.19934	.31245	3.0939	.40437	3.2311	.49990	.07141
#2	12.552	.41531	.19806	.30879	3.1463	.40479	3.2581	.49578	.07256
#3	12.426	.41292	.20072	.31767	3.1776	.40370	3.2293	.50342	.07149
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	292.85	.30873	.26113	11.072	.41400	.31341	.37166	1.6565	.68126
Stddev	3.00	.00187	.00336	.054	.00530	.00493	.00124	.0070	.00627
%RSD	1.0236	.60480	1.2874	.48923	1.2812	1.5733	.33400	.42548	.92061
#1	295.81	.31028	.25919	11.099	.41331	.31450	.37190	1.6588	.68202
#2	292.92	.30926	.25919	11.107	.40907	.30802	.37032	1.6486	.67465
#3	289.82	.30666	.26501	11.010	.41961	.31770	.37277	1.6621	.68712
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20564	.20671	5.810	.25373	3.1465	.09804			
Stddev	.00312	.00065	.046	.00224	.3190	.74678			
%RSD	1.5152	.31581	.7905	.88395	10.137	761.70			
#1	.20846	.20716	5.818	.25565	3.3430	-.32910			
#2	.20617	.20701	5.761	.25427	3.3180	.96033			
#3	.20230	.20596	5.852	.25126	2.7784	-.33710			

Sample Name: K1002-02A Acquired: 1/4/2019 19:17:59 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14435 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	3689.1	45828.	4236.3	95.223	3637.2
Stddev	36.8	177.	44.4	.943	15.1
%RSD	.99869	.38600	1.0479	.99001	.41646
#1	3699.8	45657.	4190.3	95.929	3633.4
#2	3719.5	45815.	4239.5	95.588	3653.8
#3	3648.1	46011.	4278.9	94.153	3624.2

Sample Name: K1002-04 Acquired: 1/4/2019 19:21:56 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-010219 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00101	-.00085	.02232	.00371	.00036	.12448	.09058	.00004
Stddev	.00064	.00026	.00051	.00156	.00044	.00661	.00042	.00003
%RSD	62.882	30.442	2.2729	42.120	120.31	5.3118	.46455	74.642
#1	-.00166	-.00057	.02178	.00278	.00084	.13170	.09015	.00001
#2	-.00039	-.00089	.02242	.00283	-.00002	.11872	.09060	.00005
#3	-.00098	-.00108	.02278	.00551	.00026	.12301	.09099	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	7.8571	.00104	.00254	.01556	.42798	.21847	1.3985
Stddev	.00010	.0420	.00015	.00031	.00027	.00616	.00036	.0235
%RSD	158.11	.53424	14.430	12.170	1.7261	1.4382	.16584	1.6814
#1	-.00004	7.8840	.00107	.00266	.01531	.43384	.21874	1.3738
#2	.00007	7.8088	.00118	.00278	.01584	.42157	.21805	1.4012
#3	.00017	7.8787	.00088	.00219	.01552	.42852	.21860	1.4206
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00329	-.00058	290.16	.00020	.02895	.88684	.00014	.00114
Stddev	.00041	.00047	2.07	.00027	.00026	.01342	.00011	.00605
%RSD	12.467	80.302	.71295	136.06	.88471	1.5128	81.793	530.60
#1	.00320	-.00004	288.24	.00021	.02897	.88270	.00026	.00674
#2	.00373	-.00089	289.88	-.00008	.02868	.90184	.00004	.00197
#3	.00293	-.00082	292.35	.00045	.02919	.87598	.00012	-.00528
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12855	.51057	-.00054	.00271	.00052	.0065	.04090	2.7122
Stddev	.00187	.00613	.00047	.00052	.00093	.0004	.00002	.1312
%RSD	1.4568	1.2010	86.468	19.267	180.23	5.472	.04188	4.8389
#1	.13024	.50945	-.00000	.00305	.00043	.0068	.04091	2.7100
#2	.12654	.50508	-.00084	.00297	.00149	.0066	.04091	2.8445
#3	.12888	.51719	-.00079	.00211	-.00037	.0061	.04088	2.5821

Sample Name: K1002-04 Acquired: 1/4/2019 19:21:56 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-010219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.77629
Stddev	.50404
%RSD	64.930

#1	.95667
#2	1.1653
#3	.20687

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3692.0	45950.	4318.5	98.803	3666.4
Stddev	13.2	139.	36.1	.698	13.4
%RSD	.35697	.30171	.83600	.70689	.36676

#1	3691.9	45826.	4341.9	98.367	3650.9
#2	3705.3	45925.	4336.7	99.608	3673.2
#3	3678.9	46100.	4276.9	98.433	3675.1

Sample Name: K1002-06 Acquired: 1/4/2019 19:26:11 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-010219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00152	-.00085	.01235	.00480	.00018	.14753	.07580	.00003
Stddev	.00057	.00016	.00033	.00200	.00057	.00611	.00096	.00003
%RSD	37.580	19.112	2.6587	41.677	321.32	4.1431	1.2730	121.95

#1	-.00210	-.00104	.01222	.00349	-.00004	.15277	.07647	.00001
#2	-.00096	-.00075	.01210	.00710	-.00025	.14901	.07623	.00001
#3	-.00149	-.00076	.01272	.00381	.00083	.14082	.07469	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	11.686	.00061	.00227	.00753	.24384	.10836	1.0896
Stddev	.00004	.046	.00028	.00007	.00037	.00687	.00054	.0130
%RSD	62.330	.38980	45.967	3.2345	4.9136	2.8193	.50228	1.1958

#1	.00003	11.657	.00050	.00233	.00794	.24656	.10781	1.1030
#2	.00010	11.738	.00094	.00230	.00742	.24893	.10889	1.0886
#3	.00005	11.662	.00041	.00219	.00722	.23602	.10839	1.0770

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00531	-.00013	285.87	.00005	.02652	.87841	.00003	-.00428
Stddev	.00020	.00039	1.08	.00058	.00042	.01654	.00017	.00978
%RSD	3.8413	301.66	.37781	1156.9	1.5856	1.8831	494.28	228.21

#1	.00535	-.00052	286.57	-.00018	.02604	.89046	.00023	.00666
#2	.00509	-.00011	284.63	.00071	.02680	.88522	-.00007	-.01216
#3	.00549	.00025	286.42	-.00038	.02673	.85955	-.00006	-.00735

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40648	.65745	-.00070	.00175	-.00018	.0063	.05524	3.4538
Stddev	.00278	.00841	.00027	.00186	.00064	.0007	.00015	.0843
%RSD	.68411	1.2790	38.224	106.56	365.12	11.27	.26942	2.4400

#1	.40827	.66623	-.00086	.00056	.00055	.0071	.05541	3.5491
#2	.40790	.65663	-.00039	.00079	-.00039	.0058	.05517	3.4234
#3	.40328	.64948	-.00084	.00390	-.00069	.0061	.05514	3.3890

Sample Name: K1002-06 Acquired: 1/4/2019 19:26:11 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-010219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.2562
Stddev	.1800
%RSD	14.327

#1	1.2246
#2	1.4499
#3	1.0942

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3618.7	44900.	4288.5	96.456	3591.3
Stddev	21.9	216.	23.6	1.204	19.6
%RSD	.60637	.48032	.54974	1.2487	.54665

#1	3598.3	45149.	4261.7	97.800	3572.6
#2	3615.8	44784.	4305.9	95.475	3589.6
#3	3641.9	44768.	4298.0	96.092	3611.8

Sample Name: K1002-08 Acquired: 1/4/2019 19:30:27 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-05-010219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00142	-.00081	.00801	.00289	-.00033	.12294	.07132	-.00002
Stddev	.00062	.00056	.00037	.00179	.00098	.00286	.00067	.00006
%RSD	43.594	69.957	4.6266	61.849	300.26	2.3291	.93534	288.06

#1	-.00209	-.00105	.00821	.00107	.00079	.12288	.07177	-.00003
#2	-.00128	-.00121	.00758	.00296	-.00107	.12011	.07165	-.00008
#3	-.00088	-.00016	.00823	.00464	-.00071	.12584	.07056	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	22.353	.00091	.00215	.00564	.16990	.22457	1.9877
Stddev	.00004	.341	.00026	.00012	.00035	.01655	.00353	.0299
%RSD	82.258	1.5252	28.760	5.6402	6.2031	9.7419	1.5739	1.5045

#1	.00009	22.502	.00096	.00204	.00604	.17630	.22296	2.0047
#2	.00001	22.594	.00063	.00228	.00542	.18229	.22862	2.0052
#3	.00004	21.963	.00115	.00213	.00545	.15110	.22212	1.9531

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00267	-.00029	283.91	.00031	.02527	1.4248	-.00006	.00455
Stddev	.00003	.00035	3.30	.00020	.00061	.0147	.00007	.00512
%RSD	1.2409	122.80	1.1636	65.014	2.4031	1.0300	124.38	112.51

#1	.00269	.00009	285.39	.00046	.02486	1.4291	-.00009	.00863
#2	.00264	-.00035	286.22	.00008	.02597	1.4369	-.00010	.00621
#3	.00269	-.00060	280.13	.00039	.02499	1.4085	.00002	-.00119

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44726	1.2842	-.00067	.00053	.00244	.0077	.10154	3.8722
Stddev	.00751	.0149	.00072	.00119	.00073	.0008	.00163	.3434
%RSD	1.6783	1.1634	107.34	225.95	29.859	10.28	1.6067	8.8676

#1	.45284	1.2979	-.00148	-.00062	.00294	.0084	.10241	3.6695
#2	.43873	1.2863	-.00010	.00175	.00160	.0068	.10254	4.2686
#3	.45021	1.2683	-.00044	.00044	.00277	.0080	.09965	3.6783

Sample Name: K1002-08 Acquired: 1/4/2019 19:30:27 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-05-010219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.1112
Stddev	.6040
%RSD	54.359

#1	.43405
#2	1.3049
#3	1.5946

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3617.4	44258.	4196.3	94.136	3577.3
Stddev	41.9	540.	67.4	2.096	49.2
%RSD	1.1579	1.2210	1.6064	2.2264	1.3754

#1	3587.3	44512.	4136.5	95.300	3546.6
#2	3665.2	43637.	4183.1	91.717	3634.0
#3	3599.7	44625.	4269.3	95.392	3551.2

Sample Name: K1004-01 Acquired: 1/4/2019 19:34:42 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BS01-TO-BS09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01650	-.00376	.10340	.01797	-.00001	.01682	.01895	.00005
Stddev	.00125	.00131	.00022	.00162	.00129	.00892	.00048	.00009
%RSD	7.5541	34.670	.21747	9.0437	17085.	53.046	2.5106	164.16
#1	.01697	-.00226	.10355	.01970	-.00149	.01506	.01904	.00003
#2	.01508	-.00453	.10351	.01772	.00061	.00891	.01938	-.00002
#3	.01744	-.00451	.10314	.01648	.00086	.02649	.01844	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	11.657	.17320	.00855	7.2882	9.5555	.01948	.56408
Stddev	.00012	.136	.00157	.00011	.0069	.1884	.00015	.01791
%RSD	21.745	1.1709	.90693	1.3270	.09449	1.9713	.74479	3.1754
#1	-.00046	11.677	.17310	.00842	7.2803	9.5787	.01962	.58339
#2	-.00054	11.511	.17169	.00863	7.2923	9.3565	.01933	.54800
#3	-.00070	11.782	.17482	.00859	7.2920	9.7311	.01950	.56084
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3718	.00691	F 2285.4	.00772	.62325	369.58	.03679	F 50.685
Stddev	.0052	.00034	24.2	.00018	.00728	4.76	.00018	.617
%RSD	.37605	4.8867	1.0569	2.3905	1.1678	1.2881	.49085	1.2179
#1	1.3681	.00675	2306.7	.00753	.62570	372.96	.03675	50.906
#2	1.3777	.00668	2259.1	.00790	.61507	364.14	.03699	49.988
#3	1.3695	.00730	2290.3	.00773	.62899	371.65	.03663	51.162
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 406.63	7.3064	-.15068	.00865	.02290	F 43.97	.01084	7.4867
Stddev	.53	.0922	.00047	.00200	.00164	.04	.00020	.1405
%RSD	.12935	1.2623	.31174	23.082	7.1663	.0902	1.8901	1.8767
#1	406.37	7.4106	-.15122	.01094	.02172	43.98	.01087	7.4731
#2	406.29	7.2353	-.15035	.00778	.02222	43.93	.01062	7.3535
#3	407.24	7.2733	-.15047	.00724	.02478	44.00	.01103	7.6335

Sample Name: K1004-01 Acquired: 1/4/2019 19:34:42 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BS01-TO-BS09 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.0717
Stddev	.4443
%RSD	7.3169

#1	6.0970
#2	5.6154
#3	6.5028

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3123.6	37603.	3944.7	86.251	2865.1
Stddev	7.2	97.	49.6	1.011	7.1
%RSD	.23175	.25787	1.2573	1.1719	.24734

#1	3116.1	37492.	3887.5	85.612	2857.5
#2	3124.2	37668.	3974.1	87.416	2866.4
#3	3130.5	37651.	3972.6	85.725	2871.6

Sample Name: K1016-02 Acquired: 1/4/2019 19:38:48 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-010218 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00146	-.00074	.01267	.00308	.00013	.06410	.18412	.00002
Stddev	.00087	.00058	.00114	.00077	.00132	.01300	.00065	.00006
%RSD	59.571	78.450	8.9643	25.028	1049.8	20.275	.35124	295.42

#1	.00121	-.00049	.01290	.00299	-.00077	.04912	.18443	.00005
#2	.00074	-.00140	.01368	.00390	-.00050	.07231	.18454	-.00005
#3	.00243	-.00033	.01144	.00236	.00165	.07088	.18337	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	31.617	.00021	.00359	.00699	.56511	.90645	4.0285
Stddev	.00005	.082	.00017	.00017	.00038	.02063	.00073	.0345
%RSD	1130.0	.25784	80.398	4.6051	5.3675	3.6500	.08025	.85641

#1	-.00003	31.655	.00002	.00365	.00668	.58464	.90646	3.9888
#2	-.00002	31.523	.00030	.00373	.00690	.54354	.90571	4.0457
#3	.00006	31.672	.00032	.00341	.00741	.56715	.90716	4.0510

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00223	-.00022	282.74	.00009	.04160	1.2937	.00013	.06962
Stddev	.00020	.00043	2.42	.00029	.00117	.0487	.00008	.00916
%RSD	9.1343	195.73	.85441	327.71	2.8054	3.7628	55.841	13.163

#1	.00209	-.00032	284.30	-.00015	.04291	1.3490	.00019	.07898
#2	.00214	-.00060	279.96	.00000	.04067	1.2752	.00016	.06067
#3	.00246	.00025	283.96	.00042	.04123	1.2571	.00005	.06922

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20518	.31953	-.00074	.00117	.00579	.0088	.08820	4.1123
Stddev	.00106	.00439	.00068	.00072	.00042	.0021	.00027	.0711
%RSD	.51607	1.3729	91.325	61.573	7.1920	23.52	.30598	1.7292

#1	.20627	.32447	-.00151	.00177	.00603	.0074	.08845	4.1544
#2	.20415	.31802	-.00020	.00137	.00604	.0079	.08792	4.1522
#3	.20511	.31610	-.00052	.00037	.00531	.0112	.08825	4.0302

Sample Name: K1016-02 Acquired: 1/4/2019 19:38:48 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-04-010218 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.4938
 Stddev .2751
 %RSD 18.412

#1 1.5895
 #2 1.1838
 #3 1.7083

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3514.0	43913.	4046.8	90.214	3464.6
Stddev	3.5	82.	50.5	2.775	4.2
%RSD	.10078	.18724	1.2476	3.0757	.12195

#1	3512.6	43819.	3993.7	87.133	3462.9
#2	3518.1	43972.	4094.2	92.517	3469.4
#3	3511.5	43947.	4052.6	90.992	3461.5

Sample Name: K1017-04 Acquired: 1/4/2019 19:43:03 Type: Unk
Method: P4-ICP2(v2700) 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	.00420	-.00122	.11463	.00491	.00095	.07798	.24068	.00004
Stddev	.00122	.00042	.00074	.00062	.00142	.00801	.00063	.00002
%RSD	28.989	34.565	.64619	12.549	149.37	10.274	.26094	65.292

#1	.00532	-.00169	.11543	.00529	.00006	.07346	.24047	.00006
#2	.00290	-.00091	.11398	.00524	.00259	.07324	.24139	.00003
#3	.00439	-.00104	.11448	.00420	.00021	.08723	.24019	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00089	49.652	.00072	.00706	.00410	8.2378	1.2926	1.8597
Stddev	.00003	.166	.00026	.00027	.00012	.0275	.0072	.0822
%RSD	3.2405	.33392	36.460	3.8123	2.9962	.33348	.55573	4.4198

#1	.00088	49.461	.00098	.00718	.00397	8.2668	1.2871	1.9362
#2	.00093	49.746	.00071	.00725	.00411	8.2346	1.2900	1.8700
#3	.00087	49.751	.00046	.00675	.00422	8.2121	1.3007	1.7728

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02475	-.00087	306.31	.00056	.24412	1.4292	.00009	.03381
Stddev	.00012	.00023	3.43	.00024	.00320	.0398	.00014	.00669
%RSD	.49971	26.597	1.1206	43.757	1.3088	2.7878	161.09	19.778

#1	.02486	-.00108	310.27	.00033	.24774	1.4565	.00022	.03821
#2	.02476	-.00062	304.13	.00082	.24292	1.4476	.00011	.03710
#3	.02461	-.00091	304.54	.00053	.24170	1.3835	-.00006	.02612

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35631	.55957	-.00036	.00055	.00456	.0064	.18683	4.9494
Stddev	.00586	.01009	.00044	.00162	.00133	.0001	.00038	.0518
%RSD	1.6434	1.8026	123.02	291.96	29.177	1.050	.20542	1.0464

#1	.36294	.57111	-.00085	.00192	.00578	.0063	.18639	4.9801
#2	.35185	.55516	-.00023	.00097	.00474	.0064	.18708	4.8896
#3	.35413	.55244	.00000	-.00123	.00314	.0065	.18703	4.9785

Sample Name: K1017-04 Acquired: 1/4/2019 19:43:03 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.8378
 Stddev .5202
 %RSD 13.554

#1 3.6650
 #2 4.4223
 #3 3.4259

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3484.1	43059.	4019.1	88.750	3421.6
Stddev	38.0	119.	74.7	1.371	34.0
%RSD	1.0918	.27527	1.8584	1.5451	.99505

#1	3442.6	43162.	3933.2	87.167	3385.4
#2	3517.4	43086.	4068.1	89.533	3453.0
#3	3492.2	42930.	4056.2	89.550	3426.5

Sample Name: K1017-08 Acquired: 1/4/2019 19:47:15 Type: Unk
Method: P4-ICP2(v2700) 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	.00184	-.00215	.00853	.00410	.00176	.10902	.15644	.00010
Stddev	.00051	.00081	.00060	.00080	.00018	.00380	.00311	.00004
%RSD	27.742	37.494	7.0384	19.460	10.104	3.4884	1.9900	41.435

#1	.00242	-.00255	.00922	.00502	.00182	.10463	.16003	.00012
#2	.00151	-.00122	.00817	.00360	.00190	.11110	.15475	.00005
#3	.00157	-.00268	.00820	.00367	.00156	.11133	.15454	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00049	5.7003	.00007	.00798	.00292	11.353	1.2673	.41489
Stddev	.00004	.0895	.00025	.00011	.00026	.234	.0033	.04776
%RSD	7.4742	1.5709	358.16	1.3217	9.0698	2.0619	.26186	11.512

#1	-.00046	5.7708	.00031	.00791	.00271	11.605	1.2710	.38880
#2	-.00049	5.7305	-.00018	.00793	.00322	11.309	1.2662	.38585
#3	-.00053	5.5995	.00007	.00810	.00282	11.143	1.2646	.47001

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00625	-.00109	303.27	.00039	.04307	1.0872	-.00015	.01764
Stddev	.00016	.00027	6.92	.00055	.00107	.0161	.00010	.00337
%RSD	2.4983	24.407	2.2822	142.51	2.4851	1.4776	65.881	19.125

#1	.00625	-.00130	311.21	.00055	.04429	1.0700	-.00026	.01754
#2	.00610	-.00079	298.50	-.00023	.04230	1.0897	-.00008	.02106
#3	.00641	-.00117	300.10	.00084	.04262	1.1018	-.00010	.01431

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06933	.54399	-.00082	.00337	.00118	.0102	.02622	3.7372
Stddev	.00180	.01415	.00042	.00081	.00073	.0006	.00033	.2349
%RSD	2.6017	2.6011	50.909	23.959	61.622	6.084	1.2556	6.2843

#1	.06869	.56033	-.00048	.00317	.00085	.0104	.02657	4.0029
#2	.07136	.53581	-.00128	.00426	.00201	.0108	.02616	3.6518
#3	.06793	.53583	-.00069	.00268	.00068	.0096	.02592	3.5571

Sample Name: K1017-08 Acquired: 1/4/2019 19:47:15 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.4881
 Stddev .1305
 %RSD 3.7401

#1 3.6381
 #2 3.4006
 #3 3.4257

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3615.0	44721.	4106.5	91.850	3564.9
Stddev	3.8	159.	88.3	2.418	6.8
%RSD	.10435	.35496	2.1499	2.6322	.19056

#1	3611.9	44537.	4007.5	89.058	3558.8
#2	3614.0	44808.	4177.1	93.242	3563.6
#3	3619.2	44817.	4134.8	93.250	3572.2

Sample Name: K1017-12 Acquired: 1/4/2019 19:51:28 Type: Unk
Method: P4-ICP2(v2700) 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	.00068	-.00110	.00476	.00276	-.00003	.10787	.15107	.00015
Stddev	.00117	.00101	.00029	.00211	.00104	.00564	.00141	.00007
%RSD	171.89	92.096	6.0951	76.641	3927.5	5.2291	.93467	45.027

#1	-.00057	-.00082	.00478	.00465	-.00122	.10236	.15270	.00008
#2	.00085	-.00025	.00446	.00048	.00047	.11363	.15021	.00018
#3	.00177	-.00222	.00504	.00314	.00067	.10762	.15029	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	5.5683	.00269	.00689	.00456	3.5700	.69571	.65443
Stddev	.00006	.0304	.00034	.00008	.00042	.0906	.00175	.07275
%RSD	106.62	.54526	12.781	1.1307	9.1265	2.5371	.25098	11.117

#1	.00000	5.5827	.00297	.00683	.00487	3.6198	.69733	.72300
#2	-.00006	5.5887	.00231	.00698	.00471	3.4654	.69386	.57812
#3	-.00011	5.5334	.00281	.00685	.00408	3.6246	.69593	.66219

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00496	-.00062	314.07	.00014	.03897	1.0017	.00002	.01684
Stddev	.00021	.00044	4.50	.00023	.00153	.0260	.00009	.00815
%RSD	4.3199	71.051	1.4313	172.54	3.9233	2.5935	510.09	48.362

#1	.00509	-.00110	319.25	.00035	.04017	1.0309	-.00004	.00936
#2	.00472	-.00024	311.19	-.00011	.03725	.98103	.00012	.01566
#3	.00509	-.00052	311.78	.00017	.03949	.99323	-.00003	.02552

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06181	.46557	-.00040	.00253	.00203	.0057	.03880	4.0613
Stddev	.00322	.00614	.00042	.00088	.00139	.0006	.00022	.1764
%RSD	5.2086	1.3193	105.13	34.803	68.400	9.770	.57489	4.3429

#1	.06365	.47201	.00009	.00351	.00044	.0063	.03899	4.2145
#2	.06368	.45977	-.00065	.00225	.00264	.0051	.03885	3.8685
#3	.05809	.46493	-.00063	.00182	.00301	.0056	.03856	4.1008

Sample Name: K1017-12 Acquired: 1/4/2019 19:51:28 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.9668
 Stddev .3669
 %RSD 18.652

#1 2.3720
 #2 1.6572
 #3 1.8714

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3551.3	44108.	4038.2	91.136	3501.7
Stddev	35.6	312.	68.8	3.868	17.6
%RSD	1.0013	.70832	1.7029	4.2441	.50329

#1	3510.4	43751.	3959.0	87.933	3481.4
#2	3568.1	44331.	4082.4	95.433	3510.7
#3	3575.3	44242.	4073.2	90.042	3513.0

Sample Name: K1017-16 Acquired: 1/4/2019 19:55:45 Type: Unk
Method: P4-ICP2(v2700) 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	.00084	-.00139	.00471	.00256	.00091	.09326	.13061	.00005
Stddev	.00214	.00064	.00048	.00119	.00090	.01067	.00105	.00004
%RSD	256.31	45.803	10.282	46.514	98.990	11.444	.80653	71.094

#1	.00184	-.00158	.00519	.00380	.00127	.08313	.13170	.00004
#2	.00229	-.00068	.00472	.00142	-.00012	.09225	.12960	.00002
#3	-.00162	-.00191	.00423	.00245	.00156	.10440	.13052	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	7.4710	.00024	.00476	.00360	3.9767	.92572	.61501
Stddev	.00003	.0134	.00035	.00014	.00010	.0204	.00321	.04559
%RSD	23.559	.17866	147.74	2.8617	2.8853	.51260	.34647	7.4131

#1	-.00018	7.4623	.00052	.00460	.00361	3.9838	.92932	.59277
#2	-.00011	7.4864	-.00016	.00482	.00370	3.9926	.92317	.58481
#3	-.00014	7.4644	.00035	.00485	.00349	3.9537	.92467	.66745

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00555	-.00053	315.07	.00026	.02663	.87904	-.00002	.01976
Stddev	.00015	.00071	5.18	.00065	.00018	.03231	.00016	.00311
%RSD	2.7475	133.67	1.6436	253.44	.67307	3.6759	858.16	15.766

#1	.00570	-.00135	320.47	.00094	.02680	.90453	-.00020	.01761
#2	.00539	-.00007	310.14	-.00035	.02664	.84270	.00002	.02333
#3	.00554	-.00018	314.60	.00018	.02644	.88989	.00012	.01834

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07336	.51012	-.00129	.00308	.00077	.0068	.04433	4.1360
Stddev	.00072	.00992	.00043	.00143	.00188	.0011	.00022	.1224
%RSD	.98239	1.9449	33.247	46.504	244.56	15.48	.49344	2.9582

#1	.07292	.52140	-.00083	.00190	-.00066	.0059	.04412	4.2773
#2	.07419	.50276	-.00168	.00468	.00290	.0080	.04431	4.0689
#3	.07296	.50619	-.00136	.00267	.00007	.0067	.04456	4.0620

Sample Name: K1017-16 Acquired: 1/4/2019 19:55:45 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-4 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7733
 Stddev .4931
 %RSD 27.807

#1 2.1320
 #2 1.9769
 #3 1.2110

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3582.1	44115.	4026.0	90.422	3523.5
Stddev	11.7	230.	57.7	1.302	22.0
%RSD	.32619	.52131	1.4337	1.4404	.62491

#1	3590.1	43849.	3970.7	88.975	3546.2
#2	3568.7	44251.	4085.9	90.792	3502.2
#3	3587.7	44244.	4021.3	91.500	3522.1

Sample Name: CCV09 Acquired: 1/4/2019 20:00:00 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14437 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0655	5.2755	5.0302	5.1462	5.0614	10.006	10.741	.25756
Stddev	.0042	.0096	.0167	.0107	.0046	.041	.051	.00052
%RSD	.08290	.18198	.33242	.20709	.09187	.40663	.47151	.20103
#1	5.0649	5.2823	5.0470	5.1494	5.0625	9.9742	10.738	.25708
#2	5.0617	5.2645	5.0136	5.1343	5.0563	9.9930	10.794	.25811
#3	5.0700	5.2796	5.0301	5.1549	5.0654	10.052	10.693	.25750
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5588	27.028	1.0672	2.5341	1.3137	5.4657	2.6040	26.152
Stddev	.0054	.097	.0024	.0034	.0019	.0554	.0049	.296
%RSD	.21121	.35843	.22733	.13414	.14658	1.0134	.18906	1.1306
#1	2.5645	26.935	1.0697	2.5379	1.3116	5.5083	2.5986	26.048
#2	2.5537	27.128	1.0649	2.5314	1.3143	5.4858	2.6082	26.485
#3	2.5583	27.021	1.0671	2.5331	1.3153	5.4031	2.6052	25.922
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6488	1.3164	F 27.701	2.6064	2.6985	26.923	5.1753	5.3975
Stddev	.0059	.0045	.214	.0056	.0183	.094	.0025	.0483
%RSD	.22102	.33810	.77294	.21360	.67754	.34978	.04831	.89522
#1	2.6543	1.3158	27.695	2.6002	2.7125	26.870	5.1734	5.3418
#2	2.6426	1.3122	27.917	2.6110	2.7052	27.032	5.1743	5.4224
#3	2.6494	1.3211	27.489	2.6079	2.6778	26.868	5.1781	5.4282
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9323	F 5.5112	5.1467	5.2874	5.3989	5.156	5.3608	4.5287
Stddev	.0018	.0283	.0083	.0285	.0279	.009	.0138	.1958
%RSD	.03610	.51299	.16087	.53995	.51761	.1651	.25832	4.3230
#1	4.9329	5.4871	5.1560	5.2679	5.3874	5.165	5.3475	4.5559
#2	4.9303	5.5423	5.1402	5.3201	5.4308	5.148	5.3751	4.3208
#3	4.9338	5.5042	5.1439	5.2740	5.3785	5.156	5.3597	4.7095

Sample Name: CCV09 Acquired: 1/4/2019 20:00:00 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14437 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4517
Stddev	.1490
%RSD	10.262

#1	1.3997
#2	1.3356
#3	1.6197

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3498.8	43951.	3890.9	85.115	3420.5
Stddev	4.5	67.	17.9	.556	5.2
%RSD	.12953	.15183	.45954	.65343	.15320

#1	3498.0	43938.	3897.1	84.695	3415.1
#2	3503.7	44024.	3870.8	84.903	3425.6
#3	3494.7	43892.	3904.9	85.746	3420.9

Sample Name: CCB09 Acquired: 1/4/2019 20:03:40 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14437 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00113	.00251	-.00020	.00029	.00183	-.00640	.00172
Stddev	.00197	.00104	.00067	.00159	.00066	.00798	.00081
%RSD	173.64	41.546	337.63	544.94	35.816	124.72	47.403

#1	.00010	.00147	.00034	.00170	.00141	.00240	.00078
#2	-.00010	.00355	.00001	.00060	.00150	-.01316	.00223
#3	.00340	.00249	-.00094	-.00143	.00259	-.00844	.00214

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00008	.01310	.00010	-.00014	-.00014	-.00039
Stddev	.00007	.00010	.00776	.00027	.00012	.00011	.00135
%RSD	80.487	131.98	59.190	285.15	87.169	82.406	351.39

#1	-.00001	.00018	.01784	-.00020	-.00018	-.00019	-.00115
#2	-.00010	-.00001	.00415	.00014	-.00023	-.00021	.00118
#3	-.00014	.00006	.01732	.00035	-.00000	-.00001	-.00119

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.01117	.00061	-.00044	.29566	.00036	.00016
Stddev	.00005	.06083	.00011	.00020	.04324	.00026	.00009
%RSD	2233.2	544.75	17.467	46.136	14.625	72.241	57.350

#1	.00001	-.03155	.00058	-.00034	.34551	.00040	.00019
#2	.00003	-.05919	.00051	-.00031	.27320	.00060	.00006
#3	-.00005	.05724	.00072	-.00068	.26827	.00008	.00024

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13504	.00020	.00452	-.00195	.00168	-.00103	.00188
Stddev	.02849	.00031	.00306	.00324	.00210	.00020	.00201
%RSD	21.095	151.46	67.569	166.28	124.83	18.927	106.72

#1	.14069	.00048	.00386	.00160	.00271	-.00081	.00363
#2	.16029	.00027	.00185	-.00271	.00307	-.00115	-.00031
#3	.10416	-.00013	.00786	-.00475	-.00073	-.00114	.00233

Sample Name: CCB09 Acquired: 1/4/2019 20:03:40 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14437 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00167	.0019	.00002	F 2.8746	F<.00000
Stddev	.00132	.0013	.00010	.2302	.50406
%RSD	78.828	66.08	549.63	8.0089	38.361
#1	.00105	.0005	.00012	3.1403	-1.2818
#2	.00078	.0025	.00002	2.7346	-.82680
#3	.00319	.0029	-.00009	2.7488	-1.8334
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3646.2	45721.	3958.8	90.039	3838.1
Stddev	4.8	169.	97.4	2.834	4.1
%RSD	.13197	.37006	2.4604	3.1471	.10799
#1	3651.8	45565.	3902.4	88.783	3842.9
#2	3643.8	45696.	4071.2	93.283	3835.8
#3	3643.1	45901.	3902.7	88.050	3835.6

Sample Name: K1017-20 Acquired: 1/4/2019 20:07:49 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00103	-.00155	.00638	.00307	.00051	.09764	.15623	.00008
Stddev	.00318	.00069	.00039	.00126	.00102	.00716	.00123	.00004
%RSD	308.62	44.783	6.1816	41.047	200.50	7.3317	.78657	47.426

#1	-.00220	-.00147	.00682	.00166	.00063	.10411	.15765	.00004
#2	.00257	-.00228	.00627	.00348	-.00057	.08995	.15560	.00010
#3	-.00345	-.00090	.00605	.00407	.00147	.09886	.15544	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	9.7281	.00013	.00575	.00473	2.8724	1.3347	.80465
Stddev	.00009	.0766	.00021	.00042	.00010	.0896	.0029	.02114
%RSD	188.16	.78734	158.26	7.2591	2.1846	3.1178	.21750	2.6274

#1	-.00015	9.8131	.00018	.00527	.00466	2.9755	1.3375	.81940
#2	-.00001	9.7068	.00031	.00605	.00485	2.8272	1.3350	.78043
#3	.00001	9.6645	-.00010	.00592	.00468	2.8145	1.3317	.81413

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00508	-.00040	339.07	.00050	.03327	.87611	.00003	.01973
Stddev	.00012	.00022	5.49	.00039	.00143	.01783	.00014	.00248
%RSD	2.3743	56.036	1.6199	78.333	4.2834	2.0349	540.79	12.573

#1	.00521	-.00037	345.40	.00006	.03491	.86142	-.00001	.01919
#2	.00505	-.00064	336.29	.00081	.03255	.87098	.00018	.02244
#3	.00497	-.00019	335.54	.00063	.03235	.89594	-.00009	.01756

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08743	.50668	-.00046	.00117	.00066	.0062	.04362	5.1646
Stddev	.00097	.00741	.00008	.00247	.00146	.0017	.00039	.2664
%RSD	1.1043	1.4626	17.135	210.76	220.14	26.64	.90395	5.1576

#1	.08671	.51511	-.00039	.00394	.00146	.0063	.04406	5.3743
#2	.08706	.50371	-.00055	.00040	-.00102	.0078	.04349	5.2546
#3	.08853	.50121	-.00046	-.00082	.00155	.0045	.04330	4.8649

Sample Name: K1017-20 Acquired: 1/4/2019 20:07:49 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-5 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.2165
 Stddev .2288
 %RSD 10.321

#1 2.4561
 #2 2.1931
 #3 2.0004

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3482.1	42421.	3864.9	87.600	3411.2
Stddev	30.5	272.	69.3	3.216	30.1
%RSD	.87618	.64145	1.7931	3.6709	.88225

#1	3450.4	42221.	3792.3	83.908	3380.9
#2	3484.6	42310.	3872.1	89.100	3411.7
#3	3511.3	42731.	3930.4	89.792	3441.1

Sample Name: K1017-24 Acquired: 1/4/2019 20:12:06 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	-.00094	.01101	.00310	-.00016	.12334	.14772	-.00001
Stddev	.00096	.00089	.00063	.00228	.00069	.01485	.00152	.00003
%RSD	201.96	95.094	5.7135	73.292	420.11	12.043	1.0286	246.47

#1	.00003	-.00002	.01152	.00458	.00009	.13977	.14826	.00002
#2	-.00018	-.00181	.01119	.00425	-.00094	.11939	.14889	-.00005
#3	.00157	-.00099	.01031	.00048	.00036	.11086	.14600	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	12.110	.00002	.00505	.00609	.93766	1.6064	1.0823
Stddev	.00006	.065	.00013	.00004	.00016	.02864	.0123	.0224
%RSD	229.10	.53991	581.23	.77891	2.6922	3.0543	.76665	2.0733

#1	.00008	12.079	.00016	.00510	.00592	.94238	1.6004	1.0906
#2	.00001	12.185	-.00001	.00502	.00625	.96363	1.6206	1.0569
#3	-.00002	12.067	-.00008	.00504	.00609	.90695	1.5982	1.0994

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00365	-.00061	320.84	.00059	.03935	.97203	.00012	.00696
Stddev	.00003	.00009	3.59	.00015	.00068	.02584	.00008	.00463
%RSD	.73414	15.554	1.1176	25.676	1.7265	2.6580	71.666	66.629

#1	.00363	-.00064	317.07	.00076	.03921	.99301	.00009	.01184
#2	.00368	-.00068	324.20	.00049	.04009	.94317	.00005	.00640
#3	.00363	-.00050	321.26	.00051	.03875	.97991	.00021	.00262

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12829	.57673	-.00081	.00527	.00164	.0093	.05084	4.5727
Stddev	.00347	.00572	.00020	.00122	.00125	.0005	.00026	.2966
%RSD	2.7039	.99173	24.251	23.088	76.620	5.200	.51623	6.4860

#1	.12992	.57360	-.00095	.00391	.00300	.0088	.05113	4.6424
#2	.12431	.58333	-.00058	.00624	.00054	.0098	.05075	4.8283
#3	.13065	.57325	-.00088	.00566	.00137	.0092	.05063	4.2475

Sample Name: K1017-24 Acquired: 1/4/2019 20:12:06 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-6 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1913
Stddev .5792
%RSD 48.621

#1 .60240
#2 1.2111
#3 1.7603

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3504.3	43163.	3969.9	90.275	3443.0
Stddev	29.5	365.	3.1	1.485	33.6
%RSD	.84265	.84541	.07894	1.6447	.97570

#1	3537.5	43216.	3968.5	90.008	3480.0
#2	3481.0	42775.	3967.7	88.942	3414.4
#3	3494.4	43499.	3973.5	91.875	3434.5

Sample Name: K1019-02 Acquired: 1/4/2019 20:16:20 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-D-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	.00010	-.00180	-.00010	.00738	.00031	.09278	.19896	.00008
Stddev	.00149	.00092	.00087	.00155	.00113	.01711	.00111	.00006
%RSD	1444.0	51.319	845.35	20.967	368.03	18.445	.55863	72.479

#1	.00155	-.00199	-.00109	.00912	.00036	.08096	.20022	.00015
#2	.00017	-.00261	.00052	.00686	-.00085	.08497	.19812	.00005
#3	-.00142	-.00080	.00027	.00616	.00141	.11240	.19854	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00104	11.078	.00051	.00652	-.00311	19.549	.47085	1.1397
Stddev	.00004	.016	.00017	.00010	.00025	.244	.00050	.0369
%RSD	3.6747	.13990	33.685	1.5937	8.1618	1.2467	.10719	3.2400

#1	-.00100	11.087	.00066	.00646	-.00295	19.811	.47027	1.0996
#2	-.00104	11.060	.00053	.00645	-.00340	19.328	.47114	1.1475
#3	-.00108	11.088	.00033	.00664	-.00297	19.508	.47114	1.1722

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00944	-.00163	345.70	.00283	.06739	1.4144	.00006	.02562
Stddev	.00026	.00028	1.79	.00020	.00143	.0156	.00019	.00526
%RSD	2.7727	16.943	.51721	7.0374	2.1238	1.0996	296.93	20.547

#1	.00921	-.00163	345.45	.00275	.06902	1.4117	.00019	.02808
#2	.00940	-.00190	347.60	.00267	.06680	1.4003	-.00016	.02919
#3	.00972	-.00135	344.05	.00305	.06635	1.4311	.00016	.01957

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14292	.63913	-.00021	.00587	.00346	.0804	.11291	4.2852
Stddev	.00253	.01177	.00059	.00251	.00160	.0010	.00030	.2422
%RSD	1.7711	1.8421	275.80	42.720	46.374	1.192	.26352	5.6520

#1	.14000	.65268	.00037	.00859	.00223	.0814	.11293	4.0894
#2	.14440	.63332	-.00080	.00538	.00528	.0803	.11320	4.5561
#3	.14436	.63139	-.00021	.00365	.00288	.0795	.11261	4.2102

Sample Name: K1019-02 Acquired: 1/4/2019 20:16:20 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-D-1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.1666
Stddev	.5151
%RSD	8.3528

#1	6.7542
#2	5.9529
#3	5.7928

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3420.6	42786.	3941.6	88.919	3361.1
Stddev	4.8	230.	45.1	1.787	2.6
%RSD	.13999	.53659	1.1431	2.0094	.07633

#1	3425.2	42542.	3898.3	86.917	3364.0
#2	3415.7	42816.	3938.3	89.492	3360.2
#3	3420.8	42999.	3988.2	90.350	3359.1

Sample Name: K1019-04 Acquired: 1/4/2019 20:20:33 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-D-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	-.00090	-.00135	.00943	.00423	-.00011	.05506	.16954	-.00010
Stddev	.00114	.00080	.00037	.00157	.00190	.00444	.00075	.00005
%RSD	126.25	59.514	3.8948	37.100	1743.7	8.0651	.44031	51.528

#1	-.00221	-.00227	.00925	.00375	-.00178	.05675	.16960	-.00005
#2	-.00031	-.00093	.00919	.00296	.00195	.05002	.17026	-.00015
#3	-.00018	-.00084	.00985	.00599	-.00049	.05841	.16877	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00227	16.181	.00089	-.00019	.01369	.03804	.07477	3.3316
Stddev	.00006	.050	.00031	.00023	.00030	.00643	.00076	.0528
%RSD	2.7257	.31107	34.424	120.15	2.2194	16.896	1.0149	1.5835

#1	.00233	16.146	.00059	-.00041	.01404	.03455	.07425	3.2993
#2	.00222	16.159	.00120	-.00021	.01356	.03412	.07443	3.3029
#3	.00225	16.239	.00087	.00005	.01347	.04546	.07565	3.3924

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00545	-.00053	334.73	-.00009	.12205	1.0236	.00019	.00412
Stddev	.00034	.00011	2.33	.00040	.00266	.0101	.00016	.00386
%RSD	6.2176	21.679	.69459	469.15	2.1798	.98146	84.703	93.720

#1	.00511	-.00045	333.34	.00024	.12350	1.0346	.00029	.00852
#2	.00546	-.00066	333.44	-.00054	.11898	1.0212	.00001	.00131
#3	.00579	-.00047	337.41	.00004	.12367	1.0149	.00026	.00253

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08110	.61719	-.00050	.00224	.00350	.0296	.06858	4.4763
Stddev	.00035	.00552	.00058	.00101	.00136	.0008	.00020	.2055
%RSD	.43192	.89433	117.03	44.936	38.859	2.597	.29410	4.5900

#1	.08146	.61672	-.00053	.00340	.00305	.0302	.06838	4.7068
#2	.08110	.61192	.00010	.00155	.00243	.0288	.06878	4.4100
#3	.08076	.62293	-.00106	.00178	.00504	.0298	.06859	4.3122

Sample Name: K1019-04 Acquired: 1/4/2019 20:20:33 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TEST-PIT-D-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.2232
Stddev	.3801
%RSD	31.078

#1	.83151
#2	1.5906
#3	1.2475

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3417.9	42625.	3893.7	89.469	3363.9
Stddev	23.0	64.	12.2	1.878	22.5
%RSD	.67209	.15059	.31407	2.0992	.66865

#1	3428.5	42648.	3879.8	87.967	3381.1
#2	3433.7	42675.	3902.9	91.575	3372.1
#3	3391.6	42552.	3898.4	88.867	3338.4

Sample Name: K1019-06 Acquired: 1/4/2019 20:24:46 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: A-GLICAL-PIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00101	-.00141	.47961	.00328	.00251	-.02789	1.0685	-.00011
Stddev	.00147	.00173	.00344	.00234	.00092	.02152	.0176	.00008
%RSD	144.64	122.77	.71757	71.332	36.648	77.161	1.6433	67.857

#1	.00048	-.00127	.47752	.00211	.00281	-.04650	1.0487	-.00004
#2	-.00245	.00025	.47773	.00597	.00324	-.00432	1.0749	-.00019
#3	-.00107	-.00320	.48358	.00175	.00148	-.03286	1.0820	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01039	92.023	.00001	.00416	.42993	.02313	.77486	34.049
Stddev	.00016	1.934	.00037	.00012	.00175	.00993	.01970	.577
%RSD	1.5650	2.1013	3342.3	2.9364	.40789	42.941	2.5427	1.6948

#1	.01021	89.790	.00009	.00424	.42953	.03091	.79756	33.385
#2	.01043	93.151	.00033	.00422	.42841	.02654	.76487	34.339
#3	.01052	93.127	-.00039	.00402	.43185	.01194	.76215	34.423

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03348	-.00012	335.12	.00032	1.9045	1.0581	-.00050	.02713
Stddev	.00018	.00032	4.11	.00061	.0473	.0068	.00037	.00157
%RSD	.55215	266.51	1.2258	189.67	2.4830	.64361	73.657	5.7766

#1	.03352	.00023	330.79	.00032	1.8564	1.0512	-.00016	.02799
#2	.03363	-.00020	335.61	-.00029	1.9509	1.0648	-.00089	.02808
#3	.03327	-.00040	338.96	.00093	1.9063	1.0583	-.00045	.02532

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88949	1.1941	.00036	-.00123	.00671	.0192	1.2670	5.4878
Stddev	.00325	.0220	.00051	.00030	.00151	.0018	.0208	.6578
%RSD	.36505	1.8458	142.16	24.236	22.543	9.409	1.6444	11.987

#1	.88997	1.1687	.00063	-.00131	.00505	.0175	1.2430	6.2403
#2	.88603	1.2085	-.00023	-.00090	.00801	.0211	1.2793	5.0217
#3	.89247	1.2051	.00067	-.00148	.00708	.0191	1.2788	5.2014

Sample Name: K1019-06 Acquired: 1/4/2019 20:24:46 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: A-GLICAL-PIL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.7895
Stddev	.3581
%RSD	20.010

#1	1.5438
#2	1.6243
#3	2.2003

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3325.1	41131.	3889.2	88.550	3266.2
Stddev	16.8	953.	39.2	2.212	14.9
%RSD	.50556	2.3180	1.0073	2.4979	.45631

#1	3326.2	40031.	3933.8	90.661	3268.3
#2	3341.4	41723.	3873.5	86.250	3280.0
#3	3307.8	41638.	3860.3	88.738	3250.4

Sample Name: K1019-08 Acquired: 1/4/2019 20:28:56 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TEST-PIT-D13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00420	-.00161	.03505	.00618	-.00040	.03758	.21540	.00001
Stddev	.00089	.00041	.00061	.00161	.00136	.00578	.00109	.00005
%RSD	21.204	25.373	1.7521	26.027	336.19	15.381	.50404	444.91
#1	.00496	-.00136	.03572	.00796	-.00112	.04059	.21653	-.00003
#2	.00322	-.00209	.03491	.00482	-.00125	.03091	.21437	.00007
#3	.00443	-.00140	.03452	.00577	.00116	.04122	.21530	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	61.063	-.00012	.01003	.00387	8.6871	.88856	2.5762
Stddev	.00004	.585	.00018	.00026	.00027	.1800	.00209	.0331
%RSD	50.997	.95854	146.75	2.6099	6.9413	2.0724	.23487	1.2860
#1	-.00012	60.392	-.00001	.00986	.00391	8.6350	.88897	2.6059
#2	-.00006	61.333	-.00033	.01034	.00412	8.8875	.88630	2.5821
#3	-.00005	61.465	-.00003	.00991	.00359	8.5389	.89041	2.5405
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01795	-.00101	359.97	.00094	.49510	1.2535	.00024	.01671
Stddev	.00021	.00053	2.33	.00032	.01378	.0317	.00008	.00252
%RSD	1.1501	52.476	.64827	33.874	2.7824	2.5306	32.174	15.068
#1	.01782	-.00149	357.30	.00080	.48740	1.2548	.00032	.01635
#2	.01785	-.00111	361.65	.00130	.51101	1.2846	.00024	.01938
#3	.01819	-.00044	360.95	.00071	.48690	1.2212	.00017	.01438
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16122	.52924	-.00034	-.00022	.00310	.0087	.15851	5.3581
Stddev	.00271	.00180	.00057	.00040	.00212	.0011	.00058	.1551
%RSD	1.6795	.34067	166.95	183.52	68.600	13.20	.36847	2.8944
#1	.15997	.52810	-.00068	-.00066	.00555	.0092	.15829	5.4480
#2	.15936	.52829	-.00066	.00011	.00192	.0074	.15807	5.4473
#3	.16432	.53131	.00032	-.00010	.00182	.0094	.15917	5.1790

Sample Name: K1019-08 Acquired: 1/4/2019 20:28:56 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TEST-PIT-D13 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.4951
 Stddev .2605
 %RSD 7.4525

#1 3.4761
 #2 3.2446
 #3 3.7645

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3334.8	41535.	3875.4	85.981	3254.0
Stddev	7.5	103.	15.6	2.279	6.4
%RSD	.22369	.24682	.40348	2.6504	.19752

#1	3326.2	41419.	3884.3	86.968	3247.5
#2	3339.6	41616.	3857.3	83.375	3254.3
#3	3338.7	41569.	3884.5	87.600	3260.3

Sample Name: K1033-01 Acquired: 1/4/2019 20:33:08 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NB-1319-OD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	-.00077	.00821	.00229	.00016	.10369	.16587	-.00007
Stddev	.00217	.00063	.00073	.00073	.00167	.00523	.00048	.00001
%RSD	300.01	81.803	8.9438	31.840	1021.8	5.0481	.28646	19.854

#1	.00175	-.00066	.00869	.00307	-.00055	.09777	.16642	-.00009
#2	-.00231	-.00021	.00857	.00163	-.00103	.10771	.16565	-.00007
#3	-.00162	-.00145	.00736	.00216	.00207	.10559	.16555	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	3.7752	.00158	.00151	.00870	.19958	.09970	.23630
Stddev	.00005	.0230	.00025	.00017	.00074	.00794	.00054	.01826
%RSD	1240.8	.60826	15.950	11.330	8.5238	3.9777	.53752	7.7275

#1	.00005	3.7552	.00129	.00157	.00807	.20452	.09977	.25602
#2	-.00001	3.7701	.00176	.00132	.00851	.20380	.10020	.21997
#3	-.00005	3.8003	.00168	.00164	.00952	.19042	.09914	.23291

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00379	-.00076	287.22	.00004	.14117	1.1648	.00007	.02899
Stddev	.00008	.00062	.53	.00038	.00060	.0388	.00009	.00647
%RSD	2.1076	82.006	.18601	920.85	.42479	3.3277	121.96	22.308

#1	.00373	-.00148	286.65	-.00013	.14176	1.1813	-.00003	.02276
#2	.00388	-.00040	287.71	.00047	.14056	1.1205	.00013	.03567
#3	.00376	-.00041	287.32	-.00022	.14118	1.1925	.00012	.02852

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20576	.47552	-.00058	.00444	.00224	.0054	.00874	4.9191
Stddev	.00250	.00550	.00069	.00178	.00095	.0004	.00014	.4131
%RSD	1.2146	1.1556	120.23	40.029	42.260	7.975	1.5650	8.3986

#1	.20831	.46981	-.00077	.00528	.00296	.0049	.00879	5.3929
#2	.20564	.48077	-.00115	.00563	.00260	.0055	.00859	4.7300
#3	.20331	.47597	.00019	.00240	.00117	.0057	.00885	4.6343

Sample Name: K1033-01 Acquired: 1/4/2019 20:33:08 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NB-1319-OD Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .93898
 Stddev .27319
 %RSD 29.095

#1 .62454
 #2 1.0743
 #3 1.1181

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3383.1	42310.	3873.3	89.239	3360.6
Stddev	32.4	283.	15.1	.114	35.3
%RSD	.95647	.66948	.38894	.12747	1.0508

#1	3347.0	42040.	3864.0	89.117	3320.8
#2	3393.1	42284.	3865.3	89.342	3372.7
#3	3409.3	42605.	3890.7	89.258	3388.3

Sample Name: K1034-01 Acquired: 1/4/2019 20:37:24 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONTROL-HOUS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00067	-.00135	.00311	.00513	-.00367	-.04543	.17836	-.00006
Stddev	.00239	.00137	.00020	.00117	.00131	.01592	.00078	.00001
%RSD	355.22	100.98	6.4467	22.796	35.649	35.040	.43980	21.679

#1	-.00206	-.00038	.00314	.00643	-.00307	-.06372	.17785	-.00005
#2	.00209	-.00076	.00289	.00417	-.00518	-.03785	.17796	-.00007
#3	-.00206	-.00292	.00329	.00478	-.00278	-.03471	.17926	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	171.31	.00073	-.00026	.00030	-.04809	.02054	3.1112
Stddev	.00006	1.79	.00012	.00004	.00011	.00866	.00010	.0255
%RSD	33.236	1.0470	16.909	14.031	36.898	18.018	.50035	.82030

#1	-.00014	172.77	.00059	-.00022	.00018	-.04519	.02049	3.0980
#2	-.00024	169.31	.00078	-.00030	.00040	-.05783	.02066	3.0950
#3	-.00014	171.86	.00083	-.00027	.00030	-.04124	.02048	3.1406

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	-.00045	298.41	.00189	.05058	1.4895	.00028	.02719
Stddev	.00051	.00013	4.83	.00004	.00103	.0145	.00014	.00523
%RSD	80.539	28.528	1.6181	2.2885	2.0343	.97357	49.615	19.255

#1	.00031	-.00045	297.73	.00190	.05161	1.5060	.00019	.02169
#2	.00038	-.00032	293.96	.00185	.05057	1.4790	.00044	.03211
#3	.00123	-.00057	303.55	.00193	.04956	1.4834	.00021	.02776

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3604	1.5695	-.00191	-.00243	.00769	.0170	.71217	4.9525
Stddev	.0024	.0197	.00021	.00154	.00136	.0005	.00904	.1412
%RSD	.09963	1.2520	11.044	63.422	17.666	2.735	1.2687	2.8511

#1	2.3605	1.5862	-.00172	-.00137	.00848	.0174	.71933	4.9380
#2	2.3580	1.5478	-.00214	-.00173	.00847	.0165	.70202	4.8191
#3	2.3627	1.5745	-.00188	-.00420	.00612	.0172	.71517	5.1004

Sample Name: K1034-01 Acquired: 1/4/2019 20:37:24 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONTROL-HOUS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.1933
 Stddev .4708
 %RSD 21.463

#1 2.0119
 #2 1.8403
 #3 2.7278

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3315.1	41805.	3878.3	88.398	3262.5
Stddev	12.6	30.	51.2	1.933	10.8
%RSD	.37946	.07237	1.3213	2.1863	.33227

#1	3316.9	41787.	3832.6	86.407	3266.1
#2	3301.8	41787.	3933.7	88.519	3250.4
#3	3326.7	41840.	3868.5	90.267	3271.2

Sample Name: K1034-02 Acquired: 1/4/2019 20:41:38 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONTROL-HOUS Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00193	-.00163	.00205	.00171	-.00247	-.02581	.11363	-.00008
Stddev	.00141	.00097	.00046	.00244	.00112	.01806	.00041	.00002
%RSD	73.028	59.298	22.320	142.89	45.341	69.980	.35708	31.167

#1	-.00353	-.00202	.00242	.00423	-.00311	-.00782	.11408	-.00009
#2	-.00090	-.00053	.00154	.00155	-.00311	-.02566	.11348	-.00005
#3	-.00135	-.00233	.00219	-.00065	-.00117	-.04395	.11331	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	147.63	.00201	-.00056	-.00040	-.04069	.00045	6.3484
Stddev	.00008	.72	.00031	.00020	.00038	.01311	.00003	.0198
%RSD	101.40	.48611	15.504	36.136	95.128	32.231	5.8336	.31227

#1	-.00001	147.38	.00204	-.00055	-.00035	-.05488	.00048	6.3704
#2	-.00007	148.44	.00231	-.00037	-.00080	-.02903	.00043	6.3427
#3	-.00017	147.07	.00169	-.00078	-.00005	-.03815	.00044	6.3320

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00144	-.00027	355.52	.00373	.00300	4.3656	.00024	.02344
Stddev	.00023	.00009	4.00	.00016	.00020	.0354	.00032	.00643
%RSD	16.041	33.676	1.1265	4.2013	6.5950	.81185	132.87	27.452

#1	-.00154	-.00030	355.42	.00386	.00306	4.3606	.00013	.01748
#2	-.00160	-.00017	359.57	.00355	.00317	4.3328	.00060	.02258
#3	-.00117	-.00036	351.56	.00378	.00278	4.4032	-.00001	.03026

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2492	5.6801	-.00151	-.00258	.01162	.0045	1.4597	4.9955
Stddev	.0176	.0215	.00056	.00136	.00088	.0008	.0063	.2862
%RSD	.41447	.37920	37.328	52.756	7.5973	17.76	.43150	5.7295

#1	4.2498	5.6881	-.00122	-.00178	.01181	.0040	1.4621	5.2898
#2	4.2665	5.6965	-.00114	-.00416	.01240	.0055	1.4645	4.9785
#3	4.2313	5.6557	-.00215	-.00182	.01066	.0041	1.4526	4.7182

Sample Name: K1034-02 Acquired: 1/4/2019 20:41:38 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONTROL-HOUS Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.1608
Stddev 1.0638
%RSD 49.234

#1 1.1249
#2 3.2505
#3 2.1069

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3330.7	41901.	3892.4	87.729	3271.8
Stddev	19.5	187.	29.0	1.559	19.0
%RSD	.58592	.44744	.74418	1.7775	.58053

#1	3312.8	41718.	3877.1	86.124	3253.8
#2	3327.9	41891.	3874.4	89.238	3269.8
#3	3351.5	42093.	3925.9	87.824	3291.6

Sample Name: K1034-03 Acquired: 1/4/2019 20:45:53 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONTROL-HOUS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00262	-.00335	.00177	.00446	-.00141	-.05514	.13450	-.00010
Stddev	.00174	.00067	.00094	.00262	.00061	.01585	.00081	.00002
%RSD	66.593	19.885	52.819	58.688	43.380	28.750	.60515	19.148

#1	.00298	-.00265	.00069	.00397	-.00131	-.05540	.13408	-.00012
#2	.00414	-.00397	.00237	.00728	-.00086	-.03916	.13398	-.00010
#3	.00072	-.00342	.00224	.00212	-.00207	-.07086	.13544	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	171.39	.00045	-.00046	.00083	-.03427	.02307	3.5424
Stddev	.00007	1.00	.00015	.00016	.00018	.01161	.00018	.0481
%RSD	57.941	.58567	33.645	34.581	21.628	33.891	.76900	1.3568

#1	-.00010	172.54	.00061	-.00040	.00102	-.02527	.02296	3.5261
#2	-.00006	170.88	.00042	-.00065	.00081	-.03016	.02298	3.5046
#3	-.00020	170.74	.00031	-.00035	.00066	-.04738	.02328	3.5965

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	-.00072	298.76	.00181	.03437	2.0644	.00039	.01597
Stddev	.00068	.00042	2.68	.00064	.00045	.0411	.00012	.00272
%RSD	225.41	58.557	.89742	35.181	1.3234	1.9907	31.583	17.031

#1	-.00029	-.00057	298.41	.00218	.03441	2.0878	.00028	.01304
#2	.00015	-.00040	296.27	.00218	.03480	2.0169	.00053	.01841
#3	.00104	-.00120	301.60	.00108	.03389	2.0884	.00037	.01646

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8433	1.7213	-.00055	-.00468	.00978	.0187	.83343	4.7382
Stddev	.0128	.0221	.00077	.00189	.00120	.0006	.00679	.1972
%RSD	.69566	1.2846	140.11	40.342	12.268	3.022	.81503	4.1613

#1	1.8423	1.7400	-.00069	-.00255	.00841	.0193	.84108	4.9559
#2	1.8310	1.6969	.00028	-.00615	.01026	.0186	.83112	4.6868
#3	1.8565	1.7270	-.00124	-.00533	.01066	.0182	.82810	4.5717

Sample Name: K1034-03 Acquired: 1/4/2019 20:45:53 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONTROL-HOUS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3949
 Stddev .3839
 %RSD 16.028

#1 1.9827
 #2 2.7421
 #3 2.4597

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3356.8	42420.	3979.1	89.385	3302.8
Stddev	14.1	40.	50.9	1.219	12.9
%RSD	.42133	.09314	1.2780	1.3636	.39037

#1	3372.3	42377.	3920.9	88.621	3317.1
#2	3353.6	42428.	4014.6	88.744	3299.2
#3	3344.5	42454.	4001.9	90.790	3292.0

Sample Name: CCV10 Acquired: 1/4/2019 20:50:08 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14440 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8925	5.0945	4.8206	4.9837	4.8838	9.6355	10.358	.24553
Stddev	.0134	.0134	.0111	.0088	.0028	.1283	.144	.00383
%RSD	.27335	.26306	.23111	.17650	.05786	1.3319	1.3924	1.5588
#1	4.8792	5.0790	4.8084	4.9752	4.8866	9.7228	10.498	.24688
#2	4.9059	5.1014	4.8302	4.9833	4.8809	9.4881	10.365	.24121
#3	4.8924	5.1030	4.8233	4.9927	4.8840	9.6955	10.210	.24850
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4629	26.087	1.0245	2.4320	1.2749	5.2925	2.4900	25.301
Stddev	.0048	.157	.0213	.0047	.0012	.0621	.0404	.231
%RSD	.19541	.60017	2.0795	.19525	.09150	1.1731	1.6221	.91237
#1	2.4576	26.211	1.0336	2.4274	1.2762	5.3117	2.5084	25.536
#2	2.4671	26.138	1.0001	2.4369	1.2739	5.2231	2.4437	25.074
#3	2.4639	25.911	1.0397	2.4316	1.2746	5.3427	2.5179	25.291
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5604	1.2706	26.764	2.5034	2.5533	26.054	4.9928	5.2542
Stddev	.0055	.0256	.427	.0383	.0202	.314	.0015	.0279
%RSD	.21617	2.0121	1.5968	1.5317	.79167	1.2040	.03077	.53034
#1	2.5546	1.2815	27.184	2.5241	2.5590	26.365	4.9912	5.2857
#2	2.5656	1.2414	26.778	2.4592	2.5308	26.060	4.9942	5.2329
#3	2.5610	1.2889	26.330	2.5269	2.5700	25.738	4.9928	5.2440
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7555	5.2835	4.9480	5.1115	5.2213	4.970	5.1857	F 3.5575
Stddev	.0259	.0119	.0119	.0129	.0666	.018	.0423	.4945
%RSD	.54439	.22526	.24049	.25290	1.2755	.3574	.81636	13.900
#1	4.7276	5.2967	4.9346	5.1232	5.2860	4.950	5.2173	3.8405
#2	4.7788	5.2801	4.9573	5.0977	5.2250	4.977	5.2022	2.9865
#3	4.7601	5.2737	4.9521	5.1137	5.1530	4.984	5.1376	3.8454

Sample Name: CCV10 Acquired: 1/4/2019 20:50:08 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14440 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.6165
 Stddev .2901
 %RSD 17.946

#1 1.8469
 #2 1.2907
 #3 1.7118

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3630.5	45746.	4051.7	89.339	3554.6
Stddev	5.8	791.	35.1	.734	6.4
%RSD	.15942	1.7281	.86618	.82125	.18026

#1	3624.3	45195.	4014.4	88.937	3554.0
#2	3631.2	46651.	4056.8	90.186	3548.5
#3	3635.8	45391.	4084.0	88.895	3561.3

Sample Name: CCB10 Acquired: 1/4/2019 20:53:46 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14440 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00151	-.00047	.00168	.00110	.00508	.00120
Stddev	.00050	.00131	.00064	.00118	.00121	.01123	.00046
%RSD	790.21	86.334	135.61	70.232	110.15	220.98	38.598

#1	.00025	.00019	.00018	.00151	.00136	.01800	.00112
#2	.00020	.00281	-.00050	.00294	-.00022	-.00045	.00078
#3	-.00065	.00154	-.00109	.00060	.00215	-.00230	.00170

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00004	.00692	-.00003	-.00016	.00034	.00643
Stddev	.00006	.00005	.00696	.00007	.00018	.00055	.00618
%RSD	334.64	142.96	100.57	258.04	114.49	163.20	96.069

#1	.00007	.00001	-.00102	-.00009	-.00024	.00090	.00864
#2	-.00004	.00000	.01197	-.00004	.00005	.00031	-.00055
#3	.00002	.00009	.00980	.00005	-.00028	-.00020	.01119

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.02982	.00076	-.00070	.16373	.00034	-.00002
Stddev	.00006	.01455	.00026	.00020	.01596	.00025	.00002
%RSD	180.53	48.807	33.917	28.239	9.7472	74.730	121.53

#1	.00007	-.02100	.00066	-.00088	.16790	.00051	.00001
#2	.00006	-.02184	.00106	-.00072	.17720	.00046	-.00003
#3	-.00003	-.04661	.00057	-.00049	.14611	.00005	-.00003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12957	.00039	.00061	-.00586	.00042	-.00076	.00081
Stddev	.02221	.00025	.00110	.00352	.00039	.00034	.00185
%RSD	17.145	64.601	181.23	60.124	92.940	44.945	228.09

#1	.13062	.00060	.00155	-.00987	-.00002	-.00047	.00289
#2	.15124	.00011	-.00060	-.00446	.00073	-.00068	-.00065
#3	.10685	.00047	.00087	-.00325	.00055	-.00114	.00019

Sample Name: CCB10 Acquired: 1/4/2019 20:53:46 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14440 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00081	.0034	.00005	F 1.1700	F<.00000
Stddev	.00122	.0012	.00003	.3278	.78082
%RSD	150.74	35.56	50.338	28.018	66.243

#1	-.00007	.0021	.00006	1.4042	-2.0304
#2	.00220	.0044	.00002	1.3103	-.49663
#3	.00029	.0036	.00007	.79534	-1.0091

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3781.5	48385.	4130.6	95.367	3987.3
Stddev	25.2	849.	58.0	.978	15.5
%RSD	.66636	1.7539	1.4044	1.0252	.38826

#1	3807.9	47976.	4117.6	95.633	4005.2
#2	3778.7	47818.	4080.2	94.283	3977.6
#3	3757.7	49361.	4194.0	96.183	3979.2

Sample Name: K1034-04 Acquired: 1/4/2019 20:57:56 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONTROL-HOUS 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	-.00171	.00166	.00388	-.00125	-.03523	.11585	-.00013
Stddev	.00044	.00046	.00094	.00095	.00113	.00970	.00029	.00006
%RSD	317.39	26.920	56.498	24.512	90.042	27.544	.25293	42.193

#1	-.00021	-.00118	.00069	.00453	-.00103	-.03002	.11618	-.00015
#2	.00063	-.00203	.00173	.00279	-.00247	-.02924	.11564	-.00007
#3	-.00000	-.00192	.00257	.00431	-.00025	-.04642	.11572	-.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	151.90	.00152	-.00051	-.00023	-.04232	.00009	4.0380
Stddev	.00004	1.38	.00021	.00009	.00009	.00577	.00005	.0460
%RSD	30.820	.90951	13.872	16.800	37.986	13.641	48.546	1.1392

#1	-.00017	150.96	.00166	-.00060	-.00026	-.03655	.00007	4.0232
#2	-.00011	151.26	.00128	-.00050	-.00031	-.04810	.00006	4.0013
#3	-.00010	153.49	.00161	-.00043	-.00014	-.04232	.00015	4.0896

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00154	-.00041	351.56	.00246	.00282	3.1297	.00035	.02294
Stddev	.00007	.00029	1.91	.00033	.00018	.0135	.00019	.00718
%RSD	4.3110	70.342	.54220	13.553	6.2780	.43038	54.223	31.278

#1	-.00147	-.00070	353.74	.00283	.00271	3.1323	.00017	.01745
#2	-.00154	-.00039	350.19	.00237	.00272	3.1416	.00033	.02031
#3	-.00160	-.00013	350.76	.00218	.00302	3.1150	.00055	.03106

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2064	3.9698	-.00126	-.00378	.00877	.0029	1.4216	4.8046
Stddev	.0083	.0264	.00015	.00072	.00024	.0008	.0079	.3203
%RSD	.19711	.66575	11.913	19.158	2.6795	28.25	.55658	6.6670

#1	4.2103	3.9555	-.00120	-.00309	.00877	.0036	1.4156	5.1573
#2	4.2120	3.9537	-.00143	-.00371	.00854	.0032	1.4186	4.7248
#3	4.1968	4.0003	-.00116	-.00453	.00901	.0020	1.4305	4.5317

Sample Name: K1034-04 Acquired: 1/4/2019 20:57:56 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONTROL-HOUS Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.4265
Stddev .5107
%RSD 21.048

#1 2.0966
#2 2.1680
#3 3.0148

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3384.3	42440.	3948.6	89.675	3319.4
Stddev	4.8	147.	19.3	1.265	4.4
%RSD	.14043	.34648	.48862	1.4107	.13189

#1	3381.5	42321.	3952.0	90.990	3314.8
#2	3381.7	42394.	3966.0	89.568	3319.9
#3	3389.8	42605.	3927.8	88.467	3323.6

Sample Name: K1034-05 Acquired: 1/4/2019 21:02:11 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONTROL-HOUS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00161	-.00240	.00204	.00429	-.00026	-.04852	.11367	-.00011
Stddev	.00132	.00128	.00110	.00146	.00081	.01226	.00108	.00007
%RSD	82.067	53.353	53.873	34.159	317.85	25.274	.94708	68.794

#1	.00308	-.00270	.00326	.00288	.00045	-.03924	.11491	-.00006
#2	.00120	-.00350	.00173	.00580	-.00007	-.04390	.11307	-.00019
#3	.00054	-.00100	.00113	.00418	-.00114	-.06242	.11303	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00437	173.02	.00135	-.00024	.00353	-.04499	.02256	4.1515
Stddev	.00003	1.81	.00034	.00005	.00042	.00916	.00006	.0599
%RSD	.74620	1.0465	25.385	19.137	11.892	20.367	.25270	1.4431

#1	.00440	173.49	.00106	-.00026	.00402	-.03748	.02255	4.2174
#2	.00433	171.02	.00173	-.00027	.00327	-.05520	.02250	4.1367
#3	.00437	174.55	.00127	-.00019	.00331	-.04228	.02262	4.1004

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00256	-.00030	346.05	.00114	.04980	8.0305	.00091	.02738
Stddev	.00031	.00025	4.96	.00041	.00093	.0285	.00027	.00865
%RSD	12.223	81.633	1.4336	36.216	1.8772	.35435	29.584	31.582

#1	.00232	-.00036	350.93	.00134	.04963	8.0629	.00090	.02841
#2	.00292	-.00052	341.01	.00066	.04895	8.0191	.00118	.03546
#3	.00245	-.00003	346.22	.00141	.05080	8.0095	.00064	.01826

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1662	5.9058	-.00274	-.00309	.00953	.0281	.98763	4.6706
Stddev	.0247	.0808	.00015	.00293	.00035	.0014	.01146	.1322
%RSD	.47814	1.3688	5.3217	94.820	3.6975	5.050	1.1603	2.8305

#1	5.1846	5.9696	-.00290	-.00128	.00980	.0277	.99557	4.7976
#2	5.1758	5.8149	-.00261	-.00152	.00913	.0270	.97449	4.5337
#3	5.1381	5.9328	-.00271	-.00648	.00965	.0297	.99282	4.6806

Sample Name: K1034-05 Acquired: 1/4/2019 21:02:11 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONTROL-HOUS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.9260
 Stddev .5018
 %RSD 26.053

#1 2.0140
 #2 2.3779
 #3 1.3860

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3365.6	42350.	3926.1	87.969	3301.9
Stddev	12.8	163.	54.7	1.787	15.4
%RSD	.38112	.38422	1.3940	2.0308	.46786

#1	3350.9	42163.	3872.1	88.692	3284.2
#2	3371.5	42432.	3981.6	89.281	3308.7
#3	3374.4	42456.	3924.6	85.934	3312.7

Sample Name: K1034-06 Acquired: 1/4/2019 21:06:24 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONTROL-HOUS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00173	-.00216	.00140	-.00044	-.00180	-.04793	.14152	-.00008
Stddev	.00321	.00097	.00052	.00119	.00013	.00244	.00104	.00008
%RSD	185.19	44.825	36.856	269.05	7.4038	5.0820	.73301	89.305

#1	-.00251	-.00327	.00168	.00037	-.00175	-.04997	.14155	-.00012
#2	-.00449	-.00155	.00173	.00012	-.00171	-.04858	.14255	.00000
#3	.00179	-.00164	.00081	-.00181	-.00195	-.04523	.14048	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	129.92	.00260	-.00038	.00044	-.03634	.00351	.98300
Stddev	.00008	.76	.00023	.00005	.00062	.01190	.00006	.05173
%RSD	42.867	.58201	8.9318	14.230	142.33	32.735	1.5849	5.2623

#1	-.00010	129.08	.00284	-.00039	.00044	-.02484	.00357	.93551
#2	-.00022	130.55	.00238	-.00043	-.00018	-.04860	.00346	1.0381
#3	-.00026	130.13	.00260	-.00032	.00106	-.03559	.00351	.97538

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00085	-.00030	306.97	.00420	.00445	5.3451	.00469	.02850
Stddev	.00070	.00047	2.43	.00026	.00008	.0183	.00012	.00694
%RSD	82.061	155.33	.79128	6.0868	1.7603	.34236	2.4754	24.362

#1	.00112	.00023	304.20	.00423	.00438	5.3312	.00478	.02141
#2	.00137	-.00048	308.76	.00393	.00454	5.3658	.00456	.03528
#3	.00006	-.00065	307.94	.00444	.00443	5.3383	.00474	.02880

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0932	5.1333	-.00125	-.00209	.01021	.0050	.19228	4.1904
Stddev	.0086	.0154	.00041	.00179	.00109	.0009	.00074	.2302
%RSD	.27837	.29952	32.619	85.546	10.659	18.49	.38672	5.4946

#1	3.1029	5.1355	-.00112	-.00088	.01084	.0056	.19147	4.2041
#2	3.0866	5.1474	-.00093	-.00124	.00895	.0054	.19244	4.4134
#3	3.0900	5.1169	-.00171	-.00415	.01082	.0039	.19294	3.9536

Sample Name: K1034-06 Acquired: 1/4/2019 21:06:24 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CONTROL-HOUS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.5620
 Stddev .3960
 %RSD 25.353

#1 1.4516
 #2 1.2329
 #3 2.0015

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3408.4	42948.	3929.3	89.844	3360.7
Stddev	11.5	178.	4.7	.421	14.8
%RSD	.33745	.41419	.11957	.46886	.43937

#1	3395.2	42788.	3927.5	89.958	3343.9
#2	3416.3	43139.	3925.8	89.377	3371.5
#3	3413.8	42916.	3934.6	90.196	3366.7

Sample Name: K1036-01 Acquired: 1/4/2019 21:10:38 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00381	-.00278	.03466	.00273	.00083	.09266	.45927	.00008
Stddev	.00061	.00074	.00076	.00098	.00017	.01104	.00699	.00003
%RSD	15.949	26.717	2.1793	35.824	20.232	11.910	1.5220	35.041

#1	-.00324	-.00359	.03392	.00383	.00099	.09932	.45150	.00008
#2	-.00373	-.00260	.03462	.00237	.00083	.07992	.46504	.00005
#3	-.00445	-.00214	.03543	.00197	.00066	.09873	.46127	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03312	13.509	.00753	.00564	.00975	.02880	.22790	1.3610
Stddev	.00010	.023	.00022	.00024	.00050	.00677	.00224	.0291
%RSD	.30041	.16834	2.9494	4.3418	5.0860	23.521	.98506	2.1362

#1	.03323	13.484	.00776	.00571	.00992	.02245	.22676	1.3281
#2	.03304	13.515	.00751	.00584	.00919	.03593	.22645	1.3834
#3	.03309	13.528	.00732	.00537	.01013	.02801	.23048	1.3715

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00730	-.00005	320.03	.00022	11.547	1.7148	-.00212	.06827
Stddev	.00007	.00047	4.41	.00025	.205	.0326	.00022	.00198
%RSD	.97240	998.31	1.3767	115.18	1.7777	1.9022	10.216	2.8940

#1	.00725	-.00036	314.95	-.00004	11.762	1.7486	-.00236	.06722
#2	.00727	-.00028	322.47	.00022	11.524	1.6835	-.00194	.06704
#3	.00738	.00050	322.68	.00046	11.354	1.7125	-.00206	.07055

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65012	.48570	.00000	.00220	.00239	.0075	.04276	4.3990
Stddev	.00175	.00876	.00038	.00055	.00071	.0018	.00007	.1065
%RSD	.26974	1.8027	32215.	24.816	29.655	23.64	.16453	2.4204

#1	.65212	.47685	.00043	.00188	.00181	.0063	.04283	4.3267
#2	.64885	.48592	-.00027	.00188	.00219	.0096	.04269	4.3489
#3	.64939	.49435	-.00016	.00283	.00319	.0068	.04277	4.5213

Sample Name: K1036-01 Acquired: 1/4/2019 21:10:38 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13-A Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.63943
Stddev	.90698
%RSD	141.84

#1	-.01266
#2	.25577
#3	1.6752

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.4	43062.	3961.1	90.517	3443.1
Stddev	22.0	457.	32.0	1.910	25.5
%RSD	.63059	1.0618	.80755	2.1096	.74173

#1	3466.4	43289.	3996.9	88.493	3419.3
#2	3491.4	43361.	3935.1	90.773	3439.9
#3	3510.3	42536.	3951.4	92.286	3470.1

Sample Name: K1036-02 Acquired: 1/4/2019 21:14:50 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00451	-.00190	.04670	.00137	-.00058	.04543	.37808	.00001
Stddev	.00225	.00149	.00059	.00061	.00081	.00546	.00222	.00002
%RSD	49.918	77.998	1.2688	44.578	139.75	12.013	.58803	385.98

#1	-.00576	-.00362	.04736	.00081	-.00151	.04668	.37804	-.00002
#2	-.00191	-.00106	.04621	.00202	-.00024	.03945	.38033	.00002
#3	-.00586	-.00103	.04652	.00128	.00000	.05015	.37588	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01901	24.956	.02205	.00218	.00955	.26780	.22414	.52226
Stddev	.00013	.115	.00027	.00003	.00017	.00536	.00063	.01378
%RSD	.70265	.45938	1.2027	1.2936	1.7319	2.0003	.27930	2.6380

#1	.01897	24.918	.02182	.00221	.00958	.27351	.22349	.50656
#2	.01889	25.084	.02200	.00215	.00937	.26702	.22420	.52789
#3	.01916	24.865	.02234	.00217	.00970	.26288	.22474	.53233

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00494	-.00041	315.46	-.00002	4.6216	1.2003	-.00058	.04923
Stddev	.00019	.00020	4.50	.00049	.1794	.0151	.00021	.00930
%RSD	3.8755	50.095	1.4269	2232.1	3.8814	1.2581	35.383	18.894

#1	.00508	-.00039	319.63	.00052	4.8261	1.1834	-.00035	.04008
#2	.00502	-.00062	310.68	-.00044	4.4908	1.2050	-.00071	.04894
#3	.00472	-.00021	316.07	-.00014	4.5480	1.2125	-.00070	.05868

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33367	.26622	-.00041	.00168	.00279	.0064	.03020	4.3707
Stddev	.00158	.00714	.00006	.00155	.00087	.0015	.00012	.2251
%RSD	.47312	2.6833	15.476	92.328	31.072	23.68	.38990	5.1491

#1	.33198	.27442	-.00039	.00146	.00180	.0047	.03012	4.1263
#2	.33511	.26294	-.00049	.00332	.00340	.0067	.03034	4.5693
#3	.33391	.26132	-.00037	.00025	.00318	.0077	.03015	4.4164

Sample Name: K1036-02 Acquired: 1/4/2019 21:14:50 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13-B Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6898
 Stddev .6775
 %RSD 40.092

#1 2.0375
 #2 2.1227
 #3 .90904

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3466.0	43287.	4024.3	90.681	3412.7
Stddev	1.2	27.	56.4	3.344	5.9
%RSD	.03389	.06327	1.4015	3.6877	.17378

#1	3467.0	43266.	3968.7	86.858	3419.5
#2	3464.7	43276.	4081.5	93.067	3409.0
#3	3466.3	43318.	4022.7	92.117	3409.5

Sample Name: K1036-03 Acquired: 1/4/2019 21:19:04 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00253	-.00221	.02498	.00374	.00468	-.01808	.26307	-.00010
Stddev	.00125	.00128	.00070	.00175	.00272	.01551	.00138	.00005
%RSD	49.395	58.026	2.8036	46.769	58.079	85.768	.52483	46.109
#1	-.00176	-.00153	.02479	.00425	.00160	-.02082	.26463	-.00006
#2	-.00186	-.00141	.02575	.00518	.00675	-.03203	.26199	-.00015
#3	-.00397	-.00369	.02439	.00179	.00570	-.00139	.26260	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00751	113.72	.00418	.00302	.00079	.06951	.83575	2.9569
Stddev	.00008	.62	.00020	.00016	.00031	.00563	.00050	.0117
%RSD	1.0970	.54509	4.8701	5.4457	39.544	8.1030	.05996	.39638
#1	.00748	114.28	.00402	.00291	.00079	.06731	.83570	2.9578
#2	.00745	113.84	.00410	.00321	.00047	.06531	.83527	2.9447
#3	.00760	113.06	.00441	.00293	.00110	.07591	.83627	2.9681
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00547	-.00020	324.76	.00031	F 35.464	2.9116	-.00800	.03161
Stddev	.00015	.00064	1.90	.00004	.896	.0111	.00018	.01082
%RSD	2.6671	325.32	.58400	11.642	2.5267	.38208	2.2595	34.222
#1	.00533	-.00086	326.20	.00031	35.737	2.9242	-.00817	.03251
#2	.00547	.00041	322.61	.00035	36.192	2.9030	-.00800	.04196
#3	.00562	-.00013	325.46	.00028	34.463	2.9076	-.00781	.02037
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2632	1.4903	-.00029	-.00054	.00902	.0066	.16166	5.3261
Stddev	.0146	.0059	.00006	.00144	.00031	.0011	.00130	.4676
%RSD	.64541	.39590	19.065	264.39	3.4319	16.61	.80317	8.7787
#1	2.2575	1.4835	-.00036	-.00212	.00931	.0075	.16315	5.8376
#2	2.2524	1.4942	-.00026	-.00021	.00906	.0054	.16111	5.2200
#3	2.2799	1.4932	-.00026	.00070	.00869	.0070	.16073	4.9207

Sample Name: K1036-03 Acquired: 1/4/2019 21:19:04 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13-C Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.2168
Stddev	.5817
%RSD	26.238

#1	1.5703
#2	2.6978
#3	2.3823

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3365.9	42051.	3904.2	87.100	3301.4
Stddev	7.6	106.	38.0	1.925	10.0
%RSD	.22528	.25181	.97359	2.2103	.30323

#1	3357.2	41928.	3861.5	86.774	3290.5
#2	3369.5	42115.	3916.8	85.358	3303.5
#3	3371.1	42109.	3934.3	89.167	3310.2

Sample Name: K1036-04 Acquired: 1/4/2019 21:23:25 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00328	-.00220	.00896	.00364	.00090	.04310	.18860	-.00008
Stddev	.00226	.00087	.00085	.00182	.00074	.00381	.00102	.00005
%RSD	68.986	39.347	9.4521	50.082	82.184	8.8447	.53996	64.474

#1	-.00093	-.00147	.00846	.00184	.00154	.04371	.18765	-.00013
#2	-.00345	-.00198	.00994	.00549	.00009	.04658	.18847	-.00003
#3	-.00545	-.00316	.00848	.00358	.00106	.03903	.18967	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00196	3.6956	.00346	.00055	.00266	.04888	.04879	.18415
Stddev	.00003	.0240	.00018	.00008	.00046	.01244	.00025	.03513
%RSD	1.5189	.64869	5.2401	14.536	17.163	25.452	.51076	19.076

#1	.00193	3.6682	.00345	.00055	.00221	.05110	.04851	.15455
#2	.00196	3.7058	.00364	.00047	.00312	.06007	.04887	.17492
#3	.00199	3.7128	.00328	.00063	.00263	.03548	.04900	.22297

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00325	-.00025	338.00	-.00000	.72282	.56066	-.00017	.02707
Stddev	.00015	.00036	6.57	.00015	.00900	.02812	.00005	.00379
%RSD	4.5864	143.93	1.9440	12695.	1.2448	5.0161	31.227	14.015

#1	.00338	-.00040	332.37	.00017	.72972	.56429	-.00017	.02291
#2	.00309	-.00051	336.42	-.00012	.71264	.58678	-.00022	.02798
#3	.00328	.00016	345.22	-.00006	.72610	.53089	-.00011	.03034

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21410	.16376	.00023	.00148	.00151	.0051	.00894	5.2407
Stddev	.00287	.00121	.00146	.00044	.00125	.0002	.00005	.1949
%RSD	1.3416	.73655	631.41	29.734	82.251	4.040	.54501	3.7184

#1	.21577	.16409	.00191	.00105	.00014	.0049	.00890	5.3913
#2	.21078	.16242	-.00080	.00145	.00256	.0053	.00893	5.3102
#3	.21574	.16476	-.00041	.00193	.00185	.0051	.00899	5.0206

Sample Name: K1036-04 Acquired: 1/4/2019 21:23:25 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-D Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.1745
Stddev .4634
%RSD 39.455

#1 .88430
#2 .93035
#3 1.7090

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3365.7	42026.	3875.9	88.336	3323.4
Stddev	8.4	69.	45.0	1.184	9.1
%RSD	.25046	.16360	1.1599	1.3408	.27331

#1	3372.5	42002.	3907.4	87.425	3327.6
#2	3368.2	41972.	3895.8	89.675	3329.6
#3	3356.3	42103.	3824.4	87.908	3313.0

Sample Name: K1036-05 Acquired: 1/4/2019 21:27:41 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-E Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00243	-.00146	.01694	.00038	.00068	.02917	.22560	-.00010
Stddev	.00163	.00105	.00082	.00228	.00119	.00394	.00225	.00005
%RSD	66.928	72.358	4.8177	606.45	174.43	13.521	.99516	52.448

#1	-.00424	-.00155	.01778	.00202	.00173	.03330	.22667	-.00004
#2	-.00107	-.00246	.01615	-.00223	.00093	.02545	.22302	-.00011
#3	-.00199	-.00036	.01689	.00134	-.00061	.02876	.22711	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00398	3.1154	.00621	.00017	.00352	.05588	.02408	.09309
Stddev	.00009	.0474	.00014	.00038	.00028	.00654	.00005	.03173
%RSD	2.2595	1.5200	2.2131	221.65	7.8973	11.712	.21738	34.083

#1	.00390	3.1656	.00611	-.00027	.00341	.05360	.02410	.08743
#2	.00407	3.0715	.00637	.00040	.00384	.05077	.02403	.06458
#3	.00397	3.1090	.00616	.00038	.00331	.06325	.02413	.12727

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00367	-.00070	369.96	-.00016	1.2206	.47066	-.00009	.03243
Stddev	.00041	.00020	2.54	.00017	.0338	.01863	.00011	.00526
%RSD	11.221	28.732	.68790	108.58	2.7734	3.9576	114.69	16.236

#1	.00413	-.00048	370.72	.00003	1.2326	.49212	-.00001	.03604
#2	.00356	-.00087	372.04	-.00030	1.2468	.46119	-.00021	.03485
#3	.00333	-.00074	367.13	-.00021	1.1824	.45866	-.00006	.02639

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19784	.11353	-.00024	.00279	.00116	.0086	.00629	4.9789
Stddev	.00166	.00176	.00003	.00033	.00124	.0005	.00009	.2722
%RSD	.84081	1.5498	14.253	11.920	106.33	5.818	1.3614	5.4669

#1	.19616	.11547	-.00020	.00281	.00003	.0080	.00625	5.2885
#2	.19787	.11202	-.00026	.00245	.00099	.0090	.00639	4.7772
#3	.19949	.11311	-.00026	.00311	.00248	.0087	.00623	4.8710

Sample Name: K1036-05 Acquired: 1/4/2019 21:27:41 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13-E Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.1592
 Stddev .4866
 %RSD 41.978

#1 .99460
 #2 .77625
 #3 1.7068

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3384.3	41993.	3866.0	88.250	3329.0
Stddev	11.7	208.	40.0	2.541	6.8
%RSD	.34478	.49551	1.0343	2.8795	.20374

#1	3371.0	41764.	3828.8	87.133	3321.2
#2	3392.6	42043.	3860.9	86.458	3333.7
#3	3389.3	42171.	3908.3	91.158	3332.0

Sample Name: K1036-06 Acquired: 1/4/2019 21:31:56 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-F Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00141	-.00071	.01878	.00256	-.00034	.03428	.29490	-.00011
Stddev	.00128	.00072	.00051	.00313	.00112	.00158	.00099	.00002
%RSD	91.143	101.26	2.7119	122.13	334.60	4.6086	.33686	21.485

#1	-.00030	-.00140	.01937	.00523	-.00030	.03394	.29596	-.00010
#2	-.00110	.00003	.01842	-.00088	-.00147	.03600	.29399	-.00010
#3	-.00281	-.00076	.01856	.00334	.00077	.03290	.29476	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00544	3.5648	.00843	.00015	.00301	.06955	.04243	.14154
Stddev	.00017	.0378	.00042	.00013	.00010	.00625	.00024	.03641
%RSD	3.1545	1.0610	5.0383	83.790	3.2356	8.9918	.55529	25.720

#1	.00563	3.5320	.00848	.00008	.00302	.06711	.04220	.12702
#2	.00533	3.6061	.00882	.00008	.00290	.06489	.04243	.11464
#3	.00535	3.5562	.00798	.00030	.00309	.07666	.04267	.18297

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00351	-.00090	322.95	.00019	1.9582	.57376	-.00032	.05134
Stddev	.00038	.00065	2.07	.00021	.0370	.02338	.00011	.00865
%RSD	10.706	71.685	.64162	112.03	1.8873	4.0742	34.945	16.842

#1	.00355	-.00016	322.67	.00002	1.9262	.59928	-.00039	.04331
#2	.00386	-.00123	321.03	.00042	1.9496	.55339	-.00019	.06050
#3	.00311	-.00132	325.15	.00012	1.9986	.56859	-.00037	.05022

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27209	.13980	-.00075	.00225	.00246	.0092	.00869	4.8892
Stddev	.00176	.00160	.00049	.00170	.00151	.0009	.00008	.0620
%RSD	.64512	1.1452	64.634	75.726	61.642	9.270	.86561	1.2687

#1	.27015	.13941	-.00053	.00034	.00080	.0090	.00863	4.9497
#2	.27256	.14156	-.00131	.00362	.00378	.0084	.00878	4.8258
#3	.27357	.13844	-.00042	.00279	.00279	.0101	.00867	4.8919

Sample Name: K1036-06 Acquired: 1/4/2019 21:31:56 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13-F Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .62675
 Stddev .74190
 %RSD 118.37

#1 -.22153
 #2 .94734
 #3 1.1545

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3438.1	42194.	3910.7	90.097	3405.6
Stddev	16.2	117.	24.6	1.590	19.3
%RSD	.47017	.27799	.62785	1.7651	.56652

#1	3419.7	42249.	3882.7	91.400	3384.0
#2	3449.8	42273.	3928.5	90.567	3421.3
#3	3444.9	42059.	3920.9	88.325	3411.4

Sample Name: K1036-07 Acquired: 1/4/2019 21:36:12 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-G Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00327	-.00118	.09061	.00290	.00078	.07279	.67676	.00004
Stddev	.00237	.00068	.00085	.00200	.00015	.00651	.00239	.00004
%RSD	72.489	57.860	.93623	68.830	18.917	8.9371	.35309	100.70

#1	-.00485	-.00080	.09102	.00368	.00066	.08023	.67424	.00005
#2	-.00441	-.00077	.09118	.00063	.00094	.06996	.67899	.00007
#3	-.00054	-.00197	.08964	.00438	.00074	.06818	.67705	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02507	21.780	.03828	.00419	.02310	.40088	.23315	.54833
Stddev	.00020	.104	.00018	.00014	.00053	.01380	.00105	.03921
%RSD	.78292	.47629	.47109	3.2351	2.2956	3.4416	.45016	7.1502

#1	.02519	21.663	.03849	.00428	.02367	.40418	.23223	.54341
#2	.02518	21.816	.03819	.00403	.02301	.41272	.23293	.58977
#3	.02484	21.860	.03817	.00424	.02262	.38573	.23430	.51182

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00551	-.00040	299.75	.00029	10.378	1.6126	-.00169	.09402
Stddev	.00030	.00027	2.35	.00038	.222	.0114	.00012	.00770
%RSD	5.4614	68.671	.78372	133.99	2.1386	.70724	6.8156	8.1907

#1	.00527	-.00044	298.35	.00053	10.193	1.6204	-.00158	.10101
#2	.00584	-.00065	298.44	-.00016	10.624	1.5995	-.00181	.09528
#3	.00540	-.00011	302.46	.00049	10.319	1.6178	-.00169	.08577

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59870	.41525	-.00063	.00277	.00297	.0080	.03650	4.4245
Stddev	.00426	.00189	.00067	.00086	.00054	.0008	.00008	.6633
%RSD	.71125	.45476	105.26	31.119	18.143	9.616	.21837	14.992

#1	.59770	.41673	.00004	.00178	.00345	.0078	.03658	3.6640
#2	.60337	.41312	-.00130	.00328	.00307	.0088	.03651	4.8833
#3	.59503	.41590	-.00064	.00326	.00239	.0073	.03642	4.7263

Sample Name: K1036-07 Acquired: 1/4/2019 21:36:12 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13-G Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0294
 Stddev .3433
 %RSD 33.350

#1 1.2401
 #2 .63323
 #3 1.2148

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3451.5	42860.	3944.4	88.997	3404.4
Stddev	45.8	225.	8.2	1.797	41.3
%RSD	1.3258	.52580	.20875	2.0193	1.2119

#1	3416.8	43120.	3948.7	90.332	3372.0
#2	3434.4	42738.	3949.7	86.953	3390.3
#3	3503.4	42722.	3934.9	89.705	3450.9

Sample Name: CCV11 Acquired: 1/4/2019 21:40:26 Type: Unk

Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: CCB14435 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8277	5.0269	4.7346	4.9298	4.8064	9.6162	10.279	.24402
Stddev	.0174	.0199	.0197	.0083	.0200	.0705	.055	.00046
%RSD	.36071	.39656	.41621	.16748	.41522	.73268	.53651	.18735
#1	4.8269	5.0372	4.7476	4.9375	4.8178	9.6962	10.318	.24441
#2	4.8454	5.0396	4.7442	4.9309	4.8181	9.5634	10.304	.24352
#3	4.8106	5.0039	4.7119	4.9211	4.7834	9.5889	10.216	.24413
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4241	25.964	1.0163	2.3885	1.2565	5.2180	2.4686	24.967
Stddev	.0071	.086	.0043	.0064	.0068	.0429	.0036	.170
%RSD	.29273	.33159	.42351	.26661	.54062	.82233	.14511	.68054
#1	2.4287	26.046	1.0173	2.3904	1.2618	5.2676	2.4715	25.037
#2	2.4278	25.970	1.0116	2.3937	1.2589	5.1917	2.4646	25.091
#3	2.4160	25.874	1.0200	2.3814	1.2489	5.1949	2.4698	24.773
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5236	1.2608	26.496	2.4804	2.5081	25.808	4.9010	5.2270
Stddev	.0069	.0032	.134	.0066	.0286	.105	.0192	.0372
%RSD	.27190	.25444	.50495	.26468	1.1411	.40553	.39109	.71217
#1	2.5292	1.2619	26.569	2.4866	2.5412	25.890	4.9123	5.2677
#2	2.5256	1.2572	26.578	2.4736	2.4918	25.843	4.9118	5.2185
#3	2.5159	1.2634	26.342	2.4812	2.4913	25.690	4.8789	5.1947
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7035	5.2337	4.8805	5.0414	5.1742	4.922	5.1394	F 3.3761
Stddev	.0224	.0303	.0183	.0173	.0202	.014	.0142	.1550
%RSD	.47639	.57985	.37457	.34341	.39102	.2747	.27591	4.5904
#1	4.7016	5.2044	4.8918	5.0584	5.1942	4.922	5.1557	3.4752
#2	4.7268	5.2650	4.8902	5.0238	5.1745	4.935	5.1328	3.1975
#3	4.6821	5.2316	4.8594	5.0421	5.1537	4.908	5.1297	3.4557

Sample Name: CCV11 Acquired: 1/4/2019 21:40:26 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14435 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.8037
Stddev	.8984
%RSD	49.807

#1	2.8390
#2	1.2291
#3	1.3430

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3677.8	45950.	4080.3	90.300	3596.1
Stddev	16.6	233.	14.3	1.013	12.9
%RSD	.45094	.50731	.35099	1.1218	.35978

#1	3665.8	45732.	4070.9	89.130	3586.7
#2	3670.9	46196.	4073.2	90.865	3590.6
#3	3696.7	45922.	4096.8	90.904	3610.8

Sample Name: CCB11 Acquired: 1/4/2019 21:44:05 Type: Unk
Method: P4-ICP2(v2700) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	.00085	-.00043	.00277	.00144	.00464	.00215
Stddev	.00219	.00085	.00014	.00171	.00183	.01206	.00018
%RSD	376.98	100.60	33.312	61.909	126.91	259.66	8.2155

#1	-.00176	.00183	-.00060	.00244	.00009	-.00787	.00212
#2	.00257	.00044	-.00037	.00124	.00071	.00561	.00234
#3	.00092	.00028	-.00033	.00462	.00352	.01619	.00200

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00002	-.00428	-.00020	-.00018	-.00009	.00403
Stddev	.00002	.00005	.01212	.00034	.00012	.00008	.00687
%RSD	99.657	247.29	283.36	167.72	66.196	89.418	170.42

#1	-.00000	-.00002	.00513	-.00035	-.00009	-.00009	.00025
#2	-.00002	.00000	-.00001	-.00044	-.00031	-.00017	-.00012
#3	-.00005	.00008	-.01795	.00018	-.00012	-.00001	.01196

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.01419	.00062	-.00043	.12937	.00012	.00029
Stddev	.00003	.02217	.00033	.00021	.03316	.00045	.00003
%RSD	210.93	156.20	52.646	49.192	25.633	370.69	11.414

#1	.00000	-.00736	.00088	-.00035	.15636	.00050	.00033
#2	.00001	.03693	.00073	-.00027	.13940	-.00038	.00028
#3	-.00004	.01301	.00025	-.00067	.09235	.00024	.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09614	.00012	-.00079	-.00840	.00064	-.00131	.00145
Stddev	.02339	.00023	.01074	.00154	.00088	.00073	.00161
%RSD	24.334	196.98	1350.7	18.376	137.14	55.413	111.14

#1	.10218	.00034	.00112	-.01014	.00102	-.00172	.00068
#2	.11592	.00014	.00886	-.00721	.00127	-.00047	.00329
#3	.07032	-.00013	-.01236	-.00785	-.00037	-.00175	.00037

Sample Name: CCB11 Acquired: 1/4/2019 21:44:05 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	.0031	-.00004	F 2.2123	F<.00000
Stddev	.00182	.0011	.00004	.1214	.40408
%RSD	959.33	35.75	101.99	5.4857	34.060
#1	.00104	.0030	-.00003	2.1296	-1.1481
#2	.00067	.0042	-.00000	2.1557	-1.6082
#3	-.00227	.0020	-.00007	2.3517	-.80276
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3708.2	47163.	4078.5	94.117	3895.2
Stddev	5.3	42.	19.1	1.577	8.3
%RSD	.14290	.08889	.46779	1.6752	.21341
#1	3707.8	47147.	4069.1	94.450	3889.3
#2	3703.1	47131.	4065.9	95.500	3891.6
#3	3713.7	47210.	4100.4	92.400	3904.7

Sample Name: K1036-08 Acquired: 1/4/2019 21:48:15 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-H Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00194	-.00100	.00291	.00325	-.00059	.08298	.26478	-.00006
Stddev	.00172	.00042	.00053	.00020	.00217	.01425	.00102	.00004
%RSD	88.715	42.126	18.124	6.1014	369.92	17.171	.38614	55.700

#1	.00004	-.00093	.00231	.00307	-.00034	.09843	.26385	-.00003
#2	-.00276	-.00144	.00315	.00347	-.00287	.07037	.26588	-.00010
#3	-.00310	-.00061	.00327	.00321	.00145	.08013	.26460	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00106	3.3192	.00318	-.00011	.00039	.05390	.06240	.45169
Stddev	.00006	.0170	.00020	.00023	.00026	.00559	.00057	.02238
%RSD	6.0880	.51088	6.2442	211.69	65.976	10.379	.91731	4.9543

#1	.00112	3.2997	.00299	-.00029	.00059	.05308	.06305	.47606
#2	.00100	3.3292	.00317	-.00019	.00049	.05986	.06198	.44694
#3	.00105	3.3289	.00338	.00015	.00010	.04876	.06218	.43207

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00250	-.00033	342.03	.00021	.58878	.73978	.00020	.04150
Stddev	.00034	.00020	3.35	.00046	.01446	.01017	.00002	.00929
%RSD	13.741	61.014	.97829	218.59	2.4553	1.3753	11.994	22.383

#1	.00264	-.00055	342.63	-.00032	.60435	.74290	.00021	.05210
#2	.00210	-.00017	338.42	.00055	.57578	.74803	.00017	.03767
#3	.00274	-.00026	345.04	.00040	.58621	.72841	.00020	.03475

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26039	.17078	-.00076	.00340	.00172	.0174	.01363	4.4610
Stddev	.00336	.00449	.00115	.00099	.00166	.0005	.00011	.3012
%RSD	1.2890	2.6270	151.13	29.235	96.699	3.036	.77275	6.7508

#1	.26309	.17541	.00033	.00367	.00164	.0180	.01374	4.1366
#2	.25663	.17048	-.00065	.00423	.00341	.0169	.01364	4.5147
#3	.26144	.16645	-.00195	.00230	.00010	.0174	.01353	4.7317

Sample Name: K1036-08 Acquired: 1/4/2019 21:48:15 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13-H Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .71621
 Stddev .18853
 %RSD 26.324

#1 .59377
 #2 .93332
 #3 .62154

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3410.2	42569.	3911.0	89.019	3372.0
Stddev	13.5	186.	13.4	2.268	17.0
%RSD	.39465	.43666	.34219	2.5474	.50296

#1	3425.7	42617.	3899.4	86.550	3391.4
#2	3403.1	42727.	3908.1	91.008	3365.2
#3	3401.7	42364.	3925.6	89.500	3359.6

Sample Name: K1036-09 Acquired: 1/4/2019 21:52:32 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-I Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00358	-.00423	.02712	.00392	.00998	-.03217	.25007	-.00011
Stddev	.00276	.00200	.00148	.00145	.00135	.02371	.00129	.00005
%RSD	76.990	47.247	5.4577	36.950	13.568	73.708	.51519	41.748
#1	-.00090	-.00256	.02841	.00317	.01155	-.05452	.25150	-.00016
#2	-.00640	-.00369	.02550	.00301	.00921	-.03469	.24902	-.00009
#3	-.00344	-.00644	.02744	.00559	.00920	-.00730	.24967	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00627	93.417	.03159	.00685	.00009	.19780	1.0137	2.9873
Stddev	.00010	1.495	.00020	.00020	.00061	.01224	.0009	.0818
%RSD	1.5314	1.6003	.62385	2.9378	677.55	6.1889	.08716	2.7377
#1	.00637	93.208	.03140	.00709	.00047	.20168	1.0132	3.0816
#2	.00619	95.005	.03179	.00674	-.00061	.18408	1.0133	2.9432
#3	.00624	92.037	.03158	.00673	.00041	.20762	1.0147	2.9369
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00458	-.00029	363.04	-.00014	F 49.390	3.7866	-.01398	.46181
Stddev	.00024	.00046	5.10	.00043	1.147	.0356	.00027	.00974
%RSD	5.2223	159.46	1.4046	319.26	2.3225	.94062	1.9641	2.1091
#1	.00446	-.00078	364.47	-.00052	48.949	3.8149	-.01368	.47096
#2	.00442	.00014	367.27	.00034	50.692	3.7983	-.01421	.46290
#3	.00485	-.00022	357.38	-.00023	48.528	3.7466	-.01406	.45157
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.6039	.88385	-.00244	-.00071	.00884	.0097	.11554	5.2999
Stddev	.0043	.01401	.00077	.00151	.00177	.0008	.00082	.0262
%RSD	.06580	1.5849	31.389	211.93	20.011	8.650	.71255	.49413
#1	6.5996	.88912	-.00229	-.00148	.00900	.0100	.11609	5.2864
#2	6.6083	.89447	-.00327	-.00169	.00700	.0088	.11593	5.3301
#3	6.6037	.86798	-.00176	.00103	.01053	.0104	.11459	5.2834

Sample Name: K1036-09 Acquired: 1/4/2019 21:52:32 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13-I Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.8798
Stddev	.5018
%RSD	26.695

#1	2.4572
#2	1.5492
#3	1.6330

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3329.7	41832.	3890.8	88.336	3276.4
Stddev	4.0	36.	51.8	2.027	6.7
%RSD	.11865	.08537	1.3316	2.2944	.20340

#1	3326.7	41839.	3866.1	88.732	3272.9
#2	3328.1	41793.	3855.9	86.140	3272.2
#3	3334.2	41864.	3950.3	90.135	3284.1

Sample Name: K1036-10 Acquired: 1/4/2019 21:57:02 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00213	-.00175	.10329	.00137	.00147	.05946	.31292	-.00001
Stddev	.00012	.00053	.00065	.00258	.00188	.00625	.00098	.00004
%RSD	5.8051	30.512	.62939	187.67	127.62	10.508	.31420	283.31

#1	-.00214	-.00233	.10298	-.00077	-.00043	.05856	.31263	-.00005
#2	-.00224	-.00164	.10286	.00066	.00153	.06611	.31401	.00003
#3	-.00199	-.00128	.10404	.00424	.00332	.05371	.31211	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02147	12.877	.03361	.00122	.01759	.23745	.12466	.30781
Stddev	.00022	.039	.00043	.00013	.00057	.00810	.00038	.05382
%RSD	1.0321	.30195	1.2784	10.325	3.2576	3.4102	.30689	17.483

#1	.02159	12.906	.03388	.00125	.01825	.23631	.12500	.24707
#2	.02121	12.894	.03384	.00133	.01723	.22998	.12475	.34952
#3	.02160	12.833	.03311	.00108	.01730	.24605	.12425	.32685

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00536	-.00066	330.25	.00036	7.1451	.99612	-.00145	.03726
Stddev	.00037	.00012	.93	.00021	.1039	.00546	.00023	.00234
%RSD	6.8238	17.828	.28173	58.098	1.4544	.54807	16.149	6.2934

#1	.00554	-.00056	331.13	.00060	7.2651	.98992	-.00153	.03479
#2	.00494	-.00063	330.36	.00028	7.0855	.99826	-.00163	.03754
#3	.00561	-.00079	329.28	.00020	7.0847	1.0002	-.00119	.03945

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47434	.25415	-.00082	.00223	.00303	.0071	.01960	3.8898
Stddev	.00238	.00581	.00024	.00068	.00097	.0013	.00010	.1039
%RSD	.50195	2.2880	29.029	30.335	31.970	18.27	.48719	2.6702

#1	.47534	.25063	-.00054	.00261	.00320	.0059	.01968	3.8158
#2	.47605	.26086	-.00095	.00263	.00199	.0085	.01963	4.0086
#3	.47162	.25096	-.00097	.00145	.00390	.0070	.01949	3.8451

Sample Name: K1036-10 Acquired: 1/4/2019 21:57:02 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13-L Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .86258
 Stddev .29002
 %RSD 33.622

#1 .63569
 #2 1.1893
 #3 .76271

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3474.4	43423.	3980.9	92.181	3428.8
Stddev	18.2	95.	28.0	1.313	12.0
%RSD	.52391	.21927	.70416	1.4248	.35094

#1	3454.1	43445.	3994.7	90.675	3415.7
#2	3479.8	43319.	3948.6	92.775	3431.4
#3	3489.3	43505.	3999.3	93.092	3439.4

Sample Name: K1036-11 Acquired: 1/4/2019 22:01:16 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-M Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00289	-.00095	.03445	.00245	.00020	.05899	.38834	-.00010
Stddev	.00233	.00066	.00102	.00061	.00146	.00735	.00185	.00003
%RSD	80.680	69.931	2.9591	25.007	729.71	12.467	.47645	32.026

#1	-.00391	-.00093	.03333	.00273	.00188	.06455	.39038	-.00013
#2	-.00022	-.00029	.03468	.00287	-.00055	.06177	.38677	-.00011
#3	-.00455	-.00161	.03533	.00175	-.00073	.05065	.38787	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00955	3.0640	.01550	.00047	.00595	.33096	.05187	.11739
Stddev	.00008	.0199	.00033	.00016	.00074	.00808	.00059	.00867
%RSD	.82019	.65014	2.1266	34.714	12.384	2.4422	1.1374	7.3892

#1	.00947	3.0750	.01575	.00051	.00513	.32181	.05253	.12688
#2	.00962	3.0760	.01563	.00060	.00618	.33393	.05170	.10987
#3	.00955	3.0410	.01512	.00029	.00655	.33714	.05138	.11542

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00447	-.00057	304.20	.00005	3.4786	.52105	-.00070	.03499
Stddev	.00013	.00007	3.16	.00021	.0542	.02664	.00031	.00470
%RSD	2.8628	12.075	1.0385	399.64	1.5574	5.1122	43.826	13.430

#1	.00459	-.00065	307.54	.00016	3.4792	.55179	-.00060	.03726
#2	.00447	-.00052	303.79	.00019	3.5325	.50643	-.00105	.02959
#3	.00433	-.00054	301.27	-.00019	3.4242	.50491	-.00046	.03812

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31183	.08380	-.00028	.00121	.00264	.0036	.00678	4.0129
Stddev	.00095	.00376	.00010	.00186	.00079	.0002	.00004	.2962
%RSD	.30559	4.4845	37.030	152.98	30.029	6.177	.56670	7.3807

#1	.31140	.08740	-.00030	-.00043	.00188	.0033	.00676	3.6890
#2	.31117	.08408	-.00038	.00323	.00258	.0037	.00683	4.2698
#3	.31292	.07990	-.00017	.00084	.00346	.0037	.00676	4.0800

Sample Name: K1036-11 Acquired: 1/4/2019 22:01:16 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13-M Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .94375
 Stddev .16938
 %RSD 17.948

#1 1.0718
 #2 .75170
 #3 1.0077

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3443.7	43247.	3977.0	91.947	3422.3
Stddev	9.2	80.	76.6	1.650	6.0
%RSD	.26797	.18557	1.9261	1.7946	.17630

#1	3434.5	43206.	3898.8	91.925	3418.0
#2	3453.0	43197.	3980.3	90.308	3429.2
#3	3443.7	43340.	4051.9	93.608	3419.8

Sample Name: K1040-03 Acquired: 1/4/2019 22:05:33 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200030-R Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00218	-.00142	.01016	.00623	-.00029	.18585	.20916	-.00005
Stddev	.00128	.00035	.00085	.00078	.00130	.01028	.00122	.00003
%RSD	58.676	24.309	8.3901	12.566	449.51	5.5337	.58123	59.954

#1	.00233	-.00127	.00943	.00628	.00007	.19741	.20966	-.00006
#2	.00083	-.00118	.00996	.00699	-.00173	.17771	.20778	-.00007
#3	.00338	-.00182	.01109	.00543	.00079	.18243	.21006	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	39.591	.00009	.00286	.00589	.98072	.90685	1.5589
Stddev	.00009	.136	.00045	.00046	.00026	.01495	.00159	.0144
%RSD	84.192	.34287	500.03	15.952	4.4716	1.5244	.17584	.92690

#1	-.00021	39.747	.00061	.00236	.00560	.99631	.90712	1.5736
#2	-.00004	39.522	-.00017	.00296	.00611	.96650	.90514	1.5585
#3	-.00007	39.503	-.00018	.00325	.00597	.97935	.90830	1.5447

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00254	-.00031	376.09	.00047	.03416	.57600	.00014	.00471
Stddev	.00015	.00052	1.58	.00043	.00055	.04856	.00025	.00131
%RSD	5.9460	169.78	.41909	90.229	1.5975	8.4306	171.30	27.807

#1	.00268	.00028	377.91	.00010	.03471	.62227	.00001	.00577
#2	.00238	-.00047	375.08	.00094	.03415	.58028	.00043	.00510
#3	.00255	-.00074	375.30	.00038	.03362	.52544	-.00001	.00325

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36653	.50798	-.00081	.00272	.00288	.0209	.07268	4.7328
Stddev	.00124	.01045	.00049	.00078	.00076	.0006	.00036	.0761
%RSD	.33794	2.0577	60.288	28.893	26.455	2.692	.50049	1.6084

#1	.36569	.52005	-.00108	.00184	.00219	.0203	.07275	4.6464
#2	.36595	.50220	-.00110	.00335	.00276	.0211	.07228	4.7616
#3	.36796	.50170	-.00025	.00297	.00370	.0214	.07300	4.7903

Sample Name: K1040-03 Acquired: 1/4/2019 22:05:33 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200030-R Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.2187
 Stddev .4173
 %RSD 18.808

#1 1.7663
 #2 2.3011
 #3 2.5886

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3355.5	41903.	3857.7	88.039	3281.0
Stddev	13.1	66.	43.0	1.657	12.2
%RSD	.39085	.15720	1.1141	1.8823	.37310

#1	3340.4	41833.	3808.1	86.267	3266.9
#2	3362.3	41913.	3881.8	88.300	3287.3
#3	3363.9	41963.	3883.2	89.550	3288.9

Sample Name: K1041-04 Acquired: 1/4/2019 22:09:48 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OS-1-5-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	-.00073	-.00190	.00143	.00231	.00067	.08217	.05059	-.00004
Stddev	.00091	.00092	.00069	.00075	.00112	.01165	.00076	.00005
%RSD	125.83	48.710	48.426	32.592	166.49	14.183	1.5017	139.20

#1	.00011	-.00165	.00155	.00308	.00178	.07536	.05142	.00002
#2	-.00059	-.00292	.00205	.00158	-.00046	.07552	.05045	-.00007
#3	-.00170	-.00112	.00068	.00226	.00070	.09562	.04992	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	21.476	.00022	.00166	.00359	.39024	.15977	.72420
Stddev	.00001	.129	.00015	.00015	.00029	.01102	.00028	.01567
%RSD	13.102	.60220	69.593	9.2728	8.0465	2.8242	.17466	2.1641

#1	-.00008	21.330	.00029	.00154	.00369	.39108	.15967	.70686
#2	-.00006	21.577	.00004	.00162	.00327	.40082	.15955	.73735
#3	-.00006	21.520	.00031	.00184	.00382	.37883	.16008	.72838

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00311	-.00053	324.30	.00069	.17361	.49019	.00005	.02342
Stddev	.00029	.00017	3.81	.00033	.00240	.02260	.00025	.00364
%RSD	9.4298	31.939	1.1745	48.050	1.3845	4.6095	496.62	15.526

#1	.00303	-.00050	328.53	.00095	.17358	.47993	.00013	.02611
#2	.00343	-.00071	321.12	.00080	.17602	.47454	.00025	.01928
#3	.00286	-.00037	323.26	.00032	.17122	.51610	-.00023	.02486

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08719	.92016	-.00036	.00237	.00160	.0117	.06509	3.8979
Stddev	.00263	.01745	.00050	.00088	.00146	.0004	.00030	.2910
%RSD	3.0186	1.8961	138.67	37.013	91.537	3.248	.45980	7.4668

#1	.08953	.93815	-.00037	.00302	-.00000	.0121	.06483	3.9654
#2	.08771	.90332	.00015	.00137	.00194	.0116	.06542	4.1492
#3	.08434	.91900	-.00085	.00273	.00286	.0114	.06501	3.5790

Sample Name: K1041-04 Acquired: 1/4/2019 22:09:48 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OS-1-5-COMP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.6029
Stddev	.0278
%RSD	1.7348

#1	1.6202
#2	1.5708
#3	1.6176

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3499.8	43219.	4000.1	91.594	3437.0
Stddev	7.1	164.	47.1	.865	7.7
%RSD	.20240	.37928	1.1763	.94473	.22296

#1	3504.6	43131.	3960.2	91.675	3435.6
#2	3503.1	43117.	4052.0	90.692	3445.2
#3	3491.6	43408.	3988.2	92.417	3430.1

Sample Name: K1041-04DUP Acquired: 1/4/2019 22:14:02 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OS-1-5-COMPD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00055	-.00100	.00157	.00197	-.00136	.08062	.05225	-.00003
Stddev	.00234	.00086	.00070	.00151	.00123	.01710	.00130	.00005
%RSD	423.04	85.969	44.439	76.652	90.600	21.215	2.4940	178.35

#1	.00325	-.00197	.00238	.00319	-.00275	.06617	.05103	-.00008
#2	-.00093	-.00076	.00121	.00028	-.00093	.07618	.05362	.00002
#3	-.00066	-.00029	.00113	.00245	-.00040	.09951	.05211	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	21.693	.00035	.00179	.00325	.40427	.15978	.77379
Stddev	.00004	.084	.00025	.00030	.00019	.00845	.00124	.02741
%RSD	31.425	.38604	72.288	16.960	5.7969	2.0902	.77305	3.5429

#1	-.00008	21.687	.00017	.00195	.00346	.39633	.16113	.79964
#2	-.00011	21.612	.00023	.00199	.00321	.41315	.15872	.74504
#3	-.00015	21.779	.00064	.00144	.00309	.40333	.15948	.77670

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00345	-.00026	325.87	.00005	.17720	.48745	.00005	.01836
Stddev	.00023	.00058	3.81	.00013	.00256	.02342	.00018	.00459
%RSD	6.7463	227.11	1.1679	277.48	1.4464	4.8050	338.84	25.004

#1	.00371	-.00080	330.21	.00009	.17593	.49855	-.00006	.01680
#2	.00325	.00036	323.07	.00015	.17553	.46054	-.00004	.01476
#3	.00340	-.00032	324.34	-.00010	.18015	.50326	.00027	.02353

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08804	.91631	-.00013	.00197	.00277	.0106	.06558	4.1452
Stddev	.00333	.01328	.00055	.00103	.00132	.0012	.00013	.0408
%RSD	3.7879	1.4497	439.38	52.273	47.626	11.64	.19731	.98409

#1	.08816	.92696	-.00076	.00146	.00372	.0107	.06571	4.1165
#2	.09131	.90143	.00015	.00129	.00332	.0094	.06559	4.1919
#3	.08465	.92054	.00024	.00316	.00126	.0118	.06545	4.1272

Sample Name: K1041-04DUP Acquired: 1/4/2019 22:14:02 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OS-1-5-COMPD Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.3686
 Stddev .3069
 %RSD 22.420

#1 1.2689
 #2 1.7130
 #3 1.1241

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3460.8	43128.	3929.6	89.367	3399.3
Stddev	12.7	122.	47.3	1.300	7.2
%RSD	.36828	.28285	1.2045	1.4551	.21077

#1	3446.9	43095.	3878.9	90.175	3391.0
#2	3463.5	43026.	3972.6	90.058	3403.5
#3	3471.9	43263.	3937.3	87.867	3403.3

Sample Name: K1041-04LX5 Acquired: 1/4/2019 22:18:16 Type: Unk
Method: P4-ICP2(v2700) 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	.00000	.00053	.00022	.00154	.00031	.01177	.01165	-.00004
Stddev	.00139	.00005	.00014	.00298	.00030	.00706	.00076	.00001
%RSD	458360.	10.311	63.192	193.77	95.973	59.987	6.5475	31.080

#1	-.00077	.00047	.00011	.00384	.00027	.01368	.01117	-.00005
#2	.00160	.00053	.00037	-.00183	.00004	.00395	.01125	-.00004
#3	-.00083	.00058	.00017	.00261	.00062	.01768	.01253	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	4.4039	-.00006	.00030	.00081	.08119	.03323	.12441
Stddev	.00001	.0161	.00009	.00004	.00052	.00912	.00028	.03434
%RSD	39.459	.36647	150.77	14.814	63.776	11.231	.84992	27.603

#1	.00003	4.3933	-.00013	.00027	.00141	.07177	.03306	.08836
#2	.00003	4.3959	-.00009	.00029	.00054	.08997	.03307	.12811
#3	.00002	4.4225	.00004	.00035	.00049	.08181	.03355	.15674

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	-.00037	67.705	.00024	.03845	.17965	-.00001	-.00322
Stddev	.00018	.00021	.444	.00052	.00024	.01948	.00010	.00442
%RSD	27.368	55.751	.65602	213.23	.61277	10.845	1113.2	137.53

#1	.00087	-.00060	67.269	.00035	.03866	.18091	-.00002	-.00803
#2	.00055	-.00021	67.689	.00070	.03820	.19847	-.00010	.00068
#3	.00056	-.00030	68.157	-.00032	.03848	.15957	.00010	-.00231

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01445	.20094	-.00165	.00083	.00092	.0045	.01330	3.2003
Stddev	.00484	.00145	.00034	.00196	.00110	.0003	.00005	.2500
%RSD	33.483	.72391	20.625	236.97	120.10	6.891	.41190	7.8128

#1	.01921	.19937	-.00173	.00082	.00219	.0047	.01325	3.3552
#2	.00954	.20122	-.00194	.00279	.00037	.0046	.01329	3.3338
#3	.01459	.20224	-.00127	-.00113	.00020	.0041	.01336	2.9118

Sample Name: K1041-04LX5 Acquired: 1/4/2019 22:18:16 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .19772
%RSD 71.638

#1 -.21494
#2 -.11600
#3 -.49703

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3603.5	45082.	3941.0	90.515	3664.9
Stddev	15.2	190.	2.8	.620	14.9
%RSD	.42053	.42236	.07101	.68481	.40678

#1	3596.7	44923.	3943.0	90.031	3655.8
#2	3620.8	45031.	3937.8	91.213	3682.1
#3	3592.9	45293.	3942.2	90.300	3656.7

Sample Name: K1041-04MS Acquired: 1/4/2019 22:22:25 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OS-1-5-COMPM 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	.86245	2.1413	1.0322	2.1886	.86565	2.2911	.28759	.21761	.21626
Stddev	.00271	.0034	.0035	.0013	.00201	.0067	.00066	.00053	.00069
%RSD	.31365	.15687	.33735	.05813	.23250	.29136	.22832	.24331	.31899
#1	.85936	2.1374	1.0282	2.1898	.86398	2.2839	.28721	.21702	.21547
#2	.86360	2.1437	1.0344	2.1873	.86788	2.2971	.28722	.21804	.21652
#3	.86439	2.1428	1.0341	2.1889	.86509	2.2922	.28835	.21777	.21678
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.770	.46477	.21887	.34225	3.9188	.37773	2.9928	.56838	.08085
Stddev	.098	.00182	.00073	.00070	.1344	.00064	.0585	.00071	.00016
%RSD	.42941	.39174	.33193	.20368	3.4294	.16881	1.9529	.12527	.19559
#1	22.657	.46287	.21806	.34266	3.7868	.37700	2.9257	.56798	.08074
#2	22.833	.46495	.21945	.34264	3.9142	.37802	3.0202	.56795	.08079
#3	22.819	.46650	.21911	.34144	4.0555	.37817	3.0325	.56920	.08103
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	324.11	.34794	.38559	12.271	.47233	.38190	.07837	2.0172	.78149
Stddev	1.13	.00072	.01457	.020	.00070	.00987	.00309	.0125	.00314
%RSD	.34739	.20768	3.7786	.16262	.14762	2.5848	3.9488	.61781	.40135
#1	322.93	.34804	.36974	12.266	.47160	.37125	.07736	2.0030	.78013
#2	324.22	.34860	.38863	12.255	.47299	.39073	.08184	2.0260	.77927
#3	325.17	.34716	.39840	12.294	.47239	.38373	.07591	2.0228	.78508
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.23754	.24035	6.624	.28892	4.6055	.45723			
Stddev	.00139	.00084	.005	.00303	.1276	.49429			
%RSD	.58725	.34789	.0779	1.0488	2.7711	108.10			
#1	.23634	.24026	6.619	.28581	4.5537	.86880			
#2	.23907	.23956	6.630	.28908	4.5119	.59392			
#3	.23721	.24122	6.624	.29186	4.7509	-.09102			

Sample Name: K1041-04MS Acquired: 1/4/2019 22:22:25 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OS-1-5-COMPM 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	3450.0	43148.	3897.6	88.993	3371.9
Stddev	5.0	88.	21.2	3.355	6.0
%RSD	.14439	.20392	.54393	3.7701	.17703
#1	3450.6	43244.	3916.4	92.629	3372.7
#2	3444.7	43071.	3901.8	88.335	3365.6
#3	3454.6	43130.	3874.6	86.016	3377.4

Sample Name: K1041-04MSD Acquired: 1/4/2019 22:26:20 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OS-1-5-COMPM 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	.86740	2.1714	1.0426	2.2087	.87218	2.2901	.29037	.21888	.21871
Stddev	.00334	.0054	.0039	.0051	.00214	.0247	.00047	.00032	.00017
%RSD	.38514	.24788	.37836	.23110	.24535	1.0778	.16145	.14724	.07613
#1	.86484	2.1656	1.0390	2.2045	.87236	2.2629	.29048	.21853	.21862
#2	.87118	2.1762	1.0468	2.2074	.86995	2.3111	.29078	.21897	.21890
#3	.86617	2.1722	1.0420	2.2144	.87422	2.2963	.28986	.21915	.21860
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.824	.46511	.22156	.34558	3.9891	.37944	2.9683	.57502	.08048
Stddev	.040	.00281	.00063	.00039	.1000	.00097	.0658	.00176	.00080
%RSD	.17690	.60359	.28303	.11300	2.5064	.25471	2.2166	.30618	.98902
#1	22.778	.46189	.22086	.34596	4.0683	.37834	2.8957	.57300	.08021
#2	22.842	.46637	.22208	.34518	3.8768	.37984	2.9853	.57620	.07985
#3	22.853	.46707	.22173	.34558	4.0222	.38015	3.0239	.57586	.08138
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	326.78	.34915	.39181	12.335	.47666	.38163	.08204	2.0061	.78998
Stddev	3.48	.00187	.01595	.055	.00111	.01314	.00086	.0265	.00090
%RSD	1.0634	.53577	4.0719	.44529	.23217	3.4432	1.0466	1.3189	.11348
#1	329.28	.35124	.40439	12.291	.47539	.38986	.08105	2.0257	.78999
#2	322.81	.34763	.37387	12.316	.47717	.38856	.08250	1.9760	.79087
#3	328.25	.34858	.39716	12.396	.47741	.36647	.08257	2.0167	.78908
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.23833	.24145	6.705	.28842	4.7558	.56587			
Stddev	.00307	.00266	.013	.00349	.2327	.53722			
%RSD	1.2900	1.1032	.1983	1.2110	4.8932	94.937			
#1	.24184	.23958	6.691	.29030	4.4991	.14132			
#2	.23616	.24450	6.717	.28439	4.8152	.38645			
#3	.23697	.24028	6.707	.29056	4.9530	1.1698			

Sample Name: K1041-04MSD Acquired: 1/4/2019 22:26:20 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OS-1-5-COMPM 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	3407.6	42694.	3856.0	87.110	3327.3
Stddev	6.5	154.	48.4	3.625	7.0
%RSD	.19003	.35995	1.2555	4.1611	.21137
#1	3400.2	42848.	3826.2	84.147	3321.3
#2	3410.6	42692.	3911.8	91.152	3325.5
#3	3412.1	42540.	3829.9	86.031	3335.0

Sample Name: CCV12 Acquired: 1/4/2019 22:30:16 Type: Unk
Method: P4-ICP2(v2700) 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	5.0229	5.2458	4.9007	5.1351	4.9935	10.003	10.754	.25182
Stddev	.0125	.0085	.0094	.0113	.0147	.084	.077	.00059
%RSD	.24921	.16129	.19096	.22074	.29447	.84040	.71404	.23551
#1	5.0255	5.2548	4.9106	5.1399	5.0010	9.9952	10.802	.25219
#2	5.0339	5.2445	4.8996	5.1433	5.0029	10.091	10.795	.25213
#3	5.0093	5.2380	4.8920	5.1222	4.9765	9.9235	10.666	.25113
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5201	26.939	1.0521	2.4848	1.3162	F 5.5463	2.5549	26.157
Stddev	.0064	.331	.0026	.0063	.0029	.0609	.0050	.044
%RSD	.25569	1.2294	.25051	.25483	.22190	1.0982	.19561	.16912
#1	2.5271	26.992	1.0510	2.4912	1.3169	5.4942	2.5547	26.193
#2	2.5187	27.240	1.0551	2.4847	1.3188	5.6133	2.5601	26.170
#3	2.5144	26.585	1.0502	2.4785	1.3130	5.5315	2.5501	26.108
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6371	1.3041	F 27.821	2.5811	2.6208	26.883	5.1246	F 5.5503
Stddev	.0067	.0045	.242	.0068	.0334	.235	.0156	.0066
%RSD	.25605	.34489	.86822	.26461	1.2737	.87434	.30492	.11822
#1	2.6446	1.3042	27.993	2.5860	2.6118	27.043	5.1314	5.5536
#2	2.6350	1.3085	27.925	2.5841	2.6577	26.994	5.1356	5.5546
#3	2.6316	1.2995	27.545	2.5733	2.5928	26.613	5.1067	5.5428
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8890	5.4316	5.0717	5.2788	5.4277	5.118	5.3352	F 4.4288
Stddev	.0140	.0332	.0104	.0076	.0410	.005	.0482	.0906
%RSD	.28556	.61195	.20474	.14404	.75460	.1040	.90269	2.0453
#1	4.8993	5.4212	5.0817	5.2701	5.4456	5.124	5.3583	4.4537
#2	4.8945	5.4688	5.0725	5.2843	5.4567	5.116	5.3675	4.5042
#3	4.8731	5.4048	5.0610	5.2820	5.3808	5.114	5.2799	4.3283

Sample Name: CCV12 Acquired: 1/4/2019 22:30:16 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5063
Stddev .2736
%RSD 18.163

#1 1.2645
#2 1.4512
#3 1.8033

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3483.7	43783.	3865.5	84.965	3410.3
Stddev	16.0	198.	33.3	1.182	12.8
%RSD	.45885	.45333	.86199	1.3909	.37442

#1	3478.1	43710.	3848.9	85.251	3400.3
#2	3471.2	43631.	3843.7	83.666	3405.9
#3	3501.7	44008.	3903.8	85.977	3424.7

Sample Name: CCB12 Acquired: 1/4/2019 22:33:55 Type: Unk
Method: P4-ICP2(v2700) 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	.00112	.00155	.00056	.00030	.00092	-.01101	.00193
Stddev	.00164	.00047	.00012	.00379	.00117	.01642	.00071
%RSD	147.38	30.062	20.513	1262.7	127.85	149.10	36.865

#1	.00226	.00143	.00064	-.00096	.00227	-.00639	.00131
#2	.00185	.00207	.00043	.00456	.00016	-.02925	.00177
#3	-.00077	.00116	.00062	-.00270	.00032	.00260	.00271

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00001	.00526	.00031	-.00004	.00016	.00001
Stddev	.00003	.00003	.00951	.00011	.00003	.00013	.00916
%RSD	516.33	433.41	180.69	35.269	76.311	83.621	151990.

#1	.00001	.00003	.00146	.00018	-.00008	.00001	-.00962
#2	-.00004	.00001	.01609	.00039	-.00002	.00024	.00103
#3	.00001	-.00003	-.00176	.00034	-.00003	.00023	.00862

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.01242	.00043	-.00049	.13363	.00033	.00138
Stddev	.00003	.04617	.00020	.00049	.01912	.00037	.00011
%RSD	83.541	371.70	47.029	100.94	14.305	112.60	7.6174

#1	-.00006	-.00305	.00024	-.00035	.14897	.00070	.00132
#2	-.00003	.02834	.00064	-.00104	.13970	-.00005	.00132
#3	-.00001	-.06256	.00040	-.00008	.11221	.00034	.00150

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05956	.00019	.00471	-.00563	.00052	-.00076	.00059
Stddev	.00562	.00015	.00833	.00145	.00291	.00050	.00142
%RSD	9.4276	76.480	176.83	25.733	562.19	65.703	241.57

#1	.05314	.00023	.00455	-.00629	-.00140	-.00022	.00041
#2	.06354	.00003	-.00354	-.00663	-.00091	-.00087	-.00073
#3	.06201	.00031	.01312	-.00397	.00386	-.00120	.00208

Sample Name: CCB12 Acquired: 1/4/2019 22:33:55 Type: Unk
 Method: P4-ICP2(v2700) 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	-.00014	.0034	.00002	F 2.3443	F<.00000
Stddev	.00014	.0009	.00005	.2217	.22263
%RSD	98.144	26.15	278.49	9.4555	15.882

#1	-.00030	.0023	.00008	2.2236	-1.1451
#2	-.00002	.0039	.00000	2.2092	-1.5434
#3	-.00011	.0039	-.00002	2.6001	-1.5166

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3655.0	46358.	3973.6	92.192	3819.7
Stddev	10.6	154.	42.2	.341	16.7
%RSD	.29020	.33269	1.0608	.37016	.43668

#1	3650.7	46500.	3935.6	92.250	3806.2
#2	3647.2	46380.	3966.3	92.500	3838.4
#3	3667.1	46194.	4018.9	91.825	3814.6

Sample Name: K1041-04A Acquired: 1/4/2019 22:38:05 Type: Unk
Method: P4-ICP2(v2700) 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	.85471	2.1339	1.0244	2.1868	.85881	2.2721	.28715	.21639	.21487
Stddev	.00099	.0009	.0019	.0115	.00391	.0085	.00157	.00041	.00045
%RSD	.11593	.04426	.18540	.52660	.45534	.37535	.54766	.19151	.20765

#1	.85362	2.1331	1.0266	2.1755	.86277	2.2739	.28896	.21675	.21525
#2	.85496	2.1337	1.0239	2.1986	.85870	2.2629	.28627	.21649	.21498
#3	.85555	2.1349	1.0229	2.1862	.85495	2.2796	.28620	.21594	.21438

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.620	.46402	.21724	.34086	3.8348	.37559	2.9319	.56587	.08100
Stddev	.030	.00136	.00024	.00113	.0556	.00047	.0135	.00113	.00015
%RSD	.13097	.29324	.11226	.33197	1.4498	.12469	.45915	.19907	.18613

#1	22.610	.46401	.21725	.34033	3.8285	.37612	2.9196	.56708	.08115
#2	22.597	.46267	.21747	.34216	3.7827	.37522	2.9463	.56568	.08099
#3	22.653	.46539	.21698	.34008	3.8933	.37544	2.9299	.56485	.08085

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	326.38	.34512	.37946	12.166	.46970	.37363	.07797	2.0101	.77777
Stddev	4.48	.00111	.00528	.052	.00130	.01489	.00342	.0189	.00081
%RSD	1.3714	.32243	1.3924	.42997	.27606	3.9853	4.3870	.94013	.10374

#1	331.54	.34615	.38346	12.143	.46913	.38521	.07577	2.0202	.77813
#2	324.13	.34526	.37347	12.226	.47119	.37886	.08191	2.0218	.77684
#3	323.48	.34394	.38144	12.129	.46879	.35683	.07622	1.9883	.77832

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23915	.23912	6.602	.28805	4.8274	.42932
Stddev	.00265	.00144	.009	.00151	.2493	.34503
%RSD	1.1091	.60409	.1405	.52296	5.1653	80.365

#1	.23886	.24078	6.595	.28940	4.7167	.05712
#2	.24194	.23828	6.613	.28833	4.6525	.49238
#3	.23666	.23828	6.598	.28643	5.1129	.73847

Sample Name: K1041-04A Acquired: 1/4/2019 22:38:05 Type: Unk
 Method: P4-ICP2(v2700) 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	3458.5	42859.	3874.3	89.776	3379.6
Stddev	15.1	37.	33.6	1.152	10.4
%RSD	.43725	.08568	.86646	1.2832	.30723
#1	3473.5	42822.	3844.0	88.950	3388.3
#2	3443.2	42896.	3868.7	91.092	3368.1
#3	3458.9	42858.	3910.4	89.286	3382.3

Sample Name: K1036-12 Acquired: 1/4/2019 22:42:01 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-N Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00135	-.00165	.01106	.00411	.01048	-.00811	.37798	.00001
Stddev	.00175	.00053	.00089	.00164	.00225	.00993	.00157	.00004
%RSD	128.97	31.915	8.0297	39.804	21.497	122.44	.41630	314.41
#1	-.00139	-.00203	.01060	.00222	.00892	-.00828	.37735	.00003
#2	.00041	-.00105	.01050	.00510	.01306	-.01794	.37681	.00003
#3	-.00308	-.00187	.01209	.00502	.00946	.00191	.37977	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00409	48.777	.01777	.00903	.00020	.64276	1.2708	3.1280
Stddev	.00001	.210	.00017	.00010	.00055	.01047	.0043	.0668
%RSD	.19391	.42959	.94633	1.1216	270.94	1.6284	.34043	2.1358
#1	.00409	48.733	.01772	.00892	.00080	.63073	1.2658	3.1526
#2	.00408	48.594	.01763	.00912	-.00029	.64980	1.2727	3.0524
#3	.00409	49.006	.01796	.00905	.00010	.64774	1.2738	3.1790
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00933	-.00068	301.79	-.00004	F 49.622	2.6951	-.01483	.78798
Stddev	.00018	.00037	2.29	.00035	.713	.0067	.00016	.00772
%RSD	1.9610	55.315	.75888	952.89	1.4375	.24858	1.0734	.97977
#1	.00945	-.00108	302.92	.00031	49.602	2.6884	-.01499	.79649
#2	.00912	-.00060	299.15	-.00003	50.346	2.7018	-.01482	.78143
#3	.00942	-.00035	303.29	-.00039	48.919	2.6952	-.01468	.78602
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4185	1.4945	-.00223	.00080	.00470	.0105	.09590	4.6155
Stddev	.0024	.0079	.00026	.00145	.00136	.0002	.00032	.2863
%RSD	.05387	.52660	11.706	182.47	29.010	2.092	.33279	6.2036
#1	4.4189	1.5032	-.00253	.00104	.00568	.0103	.09563	4.2851
#2	4.4159	1.4924	-.00204	.00211	.00314	.0104	.09581	4.7922
#3	4.4207	1.4878	-.00213	-.00076	.00528	.0107	.09625	4.7691

Sample Name: K1036-12 Acquired: 1/4/2019 22:42:01 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13-N Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.1172
Stddev	.9434
%RSD	44.557

#1	3.0538
#2	1.1672
#3	2.1307

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3410.3	42874.	3928.9	89.153	3358.6
Stddev	6.1	177.	14.2	1.049	8.0
%RSD	.17996	.41316	.36072	1.1768	.23763

#1	3413.5	42904.	3935.5	89.008	3363.0
#2	3403.3	42684.	3938.6	88.183	3349.4
#3	3414.3	43034.	3912.7	90.267	3363.4

Sample Name: K1036-12DUP Acquired: 1/4/2019 22:46:31 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-NDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00059	-.00180	.01270	.00451	.00924	-.01471	.37722	-.00010
Stddev	.00042	.00056	.00145	.00126	.00168	.01828	.00289	.00002
%RSD	71.588	31.079	11.385	27.829	18.188	124.26	.76540	19.484
#1	-.00107	-.00124	.01349	.00594	.01118	-.02724	.38043	-.00008
#2	-.00035	-.00180	.01103	.00358	.00826	-.02316	.37483	-.00012
#3	-.00034	-.00236	.01357	.00402	.00828	.00627	.37641	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00413	48.176	.01762	.00935	-.00002	.64579	1.2816	3.1442
Stddev	.00007	.436	.00054	.00014	.00054	.02711	.0083	.0507
%RSD	1.7787	.90475	3.0367	1.4527	2434.5	4.1982	.64494	1.6134
#1	.00414	48.361	.01823	.00943	-.00057	.61502	1.2721	3.1476
#2	.00419	48.488	.01741	.00943	.00000	.65620	1.2856	3.1931
#3	.00405	47.678	.01722	.00919	.00050	.66616	1.2871	3.0918
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00907	-.00035	300.71	-.00001	F 49.104	2.6820	-.01513	.77171
Stddev	.00049	.00083	1.45	.00022	.765	.0037	.00020	.01089
%RSD	5.4253	238.55	.48219	1824.9	1.5578	.13968	1.3511	1.4117
#1	.00920	-.00005	301.84	-.00004	48.602	2.6862	-.01491	.78370
#2	.00948	.00029	301.21	-.00022	48.725	2.6807	-.01515	.76900
#3	.00853	-.00128	299.07	.00022	49.984	2.6790	-.01532	.76242
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4903	1.4783	-.00191	.00068	.00444	.0108	.09547	4.5804
Stddev	.0227	.0279	.00047	.00012	.00191	.0005	.00020	.4459
%RSD	.50607	1.8903	24.446	17.650	42.996	4.325	.21089	9.7357
#1	4.5150	1.5106	-.00233	.00075	.00285	.0103	.09570	4.0657
#2	4.4704	1.4610	-.00141	.00055	.00656	.0107	.09536	4.8260
#3	4.4854	1.4634	-.00200	.00076	.00392	.0112	.09534	4.8496

Sample Name: K1036-12DUP Acquired: 1/4/2019 22:46:31 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13-NDUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.1144
Stddev	1.0409
%RSD	49.231

#1	2.6908
#2	.91275
#3	2.7396

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3352.3	42745.	3963.3	89.961	3311.2
Stddev	11.0	200.	30.9	.918	14.7
%RSD	.32700	.46885	.78077	1.0201	.44442

#1	3340.0	42920.	3929.9	91.008	3295.3
#2	3361.0	42526.	3968.9	89.575	3324.3
#3	3356.0	42789.	3991.1	89.299	3314.1

Sample Name: K1036-12LX5 Acquired: 1/4/2019 22:51:00 Type: Unk

Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: ICSA7862 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00258	.00086	.00240	.00327	.00320	-.00617	.08248	-.00003
Stddev	.00125	.00007	.00027	.00115	.00086	.00342	.00074	.00007
%RSD	48.486	8.4052	11.026	35.064	26.693	55.343	.90104	262.27

#1	-.00140	.00082	.00262	.00225	.00226	-.00315	.08293	-.00002
#2	-.00245	.00094	.00211	.00305	.00343	-.00988	.08163	-.00010
#3	-.00389	.00081	.00248	.00451	.00392	-.00548	.08290	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00082	10.456	.00383	.00189	.00019	.13923	.28370	.67267
Stddev	.00007	.098	.00026	.00007	.00016	.02065	.00330	.02509
%RSD	8.4604	.93895	6.7249	3.9278	85.448	14.835	1.1627	3.7297

#1	.00083	10.353	.00359	.00184	.00001	.12036	.28049	.64524
#2	.00088	10.468	.00379	.00185	.00031	.16130	.28352	.69446
#3	.00074	10.548	.00410	.00198	.00025	.13602	.28708	.67830

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00191	-.00058	66.091	.00021	21.812	.65144	-.00472	.16531
Stddev	.00035	.00027	.514	.00073	.420	.03334	.00004	.01172
%RSD	18.376	46.398	.77806	355.03	1.9236	5.1177	.90981	7.0870

#1	.00208	-.00027	66.604	-.00038	21.684	.68272	-.00474	.17122
#2	.00214	-.00076	66.094	.00102	22.280	.61637	-.00475	.15181
#3	.00151	-.00071	65.575	-.00003	21.471	.65524	-.00467	.17289

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94517	.33835	-.00179	.00219	.00325	.0036	.02057	3.6423
Stddev	.00518	.00662	.00073	.00064	.00149	.0007	.00008	.2064
%RSD	.54819	1.9570	40.504	29.302	45.921	18.32	.37025	5.6660

#1	.94367	.34573	-.00228	.00290	.00491	.0037	.02049	3.5812
#2	.95094	.33642	-.00214	.00204	.00200	.0030	.02058	3.4734
#3	.94091	.33291	-.00096	.00164	.00286	.0043	.02064	3.8724

Sample Name: K1036-12LX5 Acquired: 1/4/2019 22:51:00 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7862 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .06614
 Stddev .34024
 %RSD 514.40

#1 .06198
 #2 .40845
 #3 -.27200

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3536.0	44567.	3904.3	91.578	3619.6
Stddev	12.3	89.	78.5	1.459	9.6
%RSD	.34864	.19996	2.0112	1.5932	.26599

#1	3529.7	44663.	3827.4	91.683	3618.2
#2	3528.1	44550.	3901.3	90.069	3610.8
#3	3550.2	44487.	3984.3	92.981	3629.9

Sample Name: K1036-12MS Acquired: 1/4/2019 22:55:07 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-NMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0319	2.5533	1.2217	2.6120	1.0263	2.6068	.64322	.25895
Stddev	.0076	.0202	.0083	.0219	.0113	.0137	.00674	.00064
%RSD	.74027	.79118	.67630	.83718	1.1006	.52368	1.0473	.24726
#1	1.0389	2.5705	1.2255	2.6294	1.0377	2.5920	.64920	.25963
#2	1.0331	2.5584	1.2274	2.6192	1.0262	2.6188	.63592	.25885
#3	1.0237	2.5311	1.2122	2.5875	1.0151	2.6097	.64453	.25836
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25853	49.417	.56477	.26487	.39800	4.8603	1.4860	5.7087
Stddev	.00205	.146	.00116	.00182	.00362	.0089	.0011	.0132
%RSD	.79280	.29547	.20470	.68660	.91052	.18385	.07106	.23146
#1	.26002	49.539	.56345	.26606	.40114	4.8675	1.4856	5.7235
#2	.25937	49.458	.56557	.26578	.39883	4.8503	1.4872	5.6981
#3	.25619	49.255	.56531	.26278	.39404	4.8631	1.4852	5.7046
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67613	.09670	303.40	.40996	F 50.137	16.482	.53790	1.2022
Stddev	.00532	.00123	3.60	.00052	.764	.168	.00428	.0071
%RSD	.78675	1.2733	1.1869	.12800	1.5236	1.0206	.79513	.58817
#1	.67963	.09634	306.82	.40950	50.610	16.675	.54199	1.1960
#2	.67876	.09807	299.64	.41053	49.256	16.373	.53824	1.2006
#3	.67001	.09568	303.73	.40986	50.545	16.396	.53346	1.2099
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2697	2.7188	.91403	.27513	.28747	7.926	.35870	5.1850
Stddev	.0366	.0242	.00582	.00119	.00178	.050	.00295	.0282
%RSD	.85654	.88945	.63660	.43131	.61774	.6351	.82120	.54320
#1	4.3013	2.7439	.91920	.27574	.28928	7.951	.36202	5.1536
#2	4.2783	2.6956	.91515	.27377	.28741	7.959	.35639	5.2080
#3	4.2296	2.7171	.90773	.27589	.28573	7.868	.35770	5.1936

Sample Name: K1036-12MS Acquired: 1/4/2019 22:55:07 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-NMS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.28231
Stddev	.43990
%RSD	155.82

#1	.35171
#2	-.18817
#3	.68338

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3428.5	42980.	3887.4	88.141	3352.2
Stddev	27.4	96.	34.1	.649	24.0
%RSD	.79975	.22359	.87591	.73611	.71547

#1	3400.3	42871.	3851.9	87.502	3332.6
#2	3429.9	43015.	3919.8	88.799	3345.0
#3	3455.1	43054.	3890.4	88.123	3379.0

Sample Name: K1036-12MSD Acquired: 1/4/2019 22:59:18 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-NMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0100	2.5110	1.1957	2.5643	1.0065	2.5100	.62615	.25016
Stddev	.0083	.0080	.0036	.0121	.0038	.0286	.00184	.00011
%RSD	.82403	.31776	.30404	.47187	.37789	1.1393	.29454	.04354
#1	1.0005	2.5071	1.1972	2.5507	1.0022	2.4830	.62711	.25005
#2	1.0163	2.5201	1.1984	2.5740	1.0095	2.5400	.62731	.25026
#3	1.0131	2.5057	1.1916	2.5681	1.0077	2.5069	.62402	.25017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25417	47.851	.54443	.26020	.39055	4.6957	1.4379	5.6018
Stddev	.00082	.164	.00151	.00024	.00292	.0523	.0024	.0297
%RSD	.32293	.34194	.27661	.09289	.74796	1.1146	.16463	.53021
#1	.25448	47.813	.54616	.26017	.38744	4.6932	1.4376	5.5745
#2	.25480	47.710	.54356	.26046	.39323	4.6446	1.4403	5.5974
#3	.25324	48.031	.54356	.25998	.39099	4.7492	1.4356	5.6334
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66419	.09289	292.82	.39891	F 48.295	16.253	.52683	1.1726
Stddev	.00162	.00027	1.15	.00064	1.199	.073	.00342	.0046
%RSD	.24316	.29405	.39233	.16078	2.4819	.44943	.64831	.39346
#1	.66418	.09293	293.77	.39819	49.215	16.323	.52294	1.1729
#2	.66581	.09314	291.54	.39943	46.939	16.178	.52817	1.1679
#3	.66258	.09260	293.13	.39910	48.729	16.257	.52936	1.1771
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1972	2.6643	.89847	.26653	.27847	7.782	.34785	4.0260
Stddev	.0061	.0112	.00374	.00146	.00210	.020	.00052	.1562
%RSD	.14427	.42200	.41621	.54954	.75358	.2560	.14868	3.8804
#1	4.1922	2.6755	.89635	.26760	.27672	7.784	.34845	4.1098
#2	4.2039	2.6642	.90279	.26712	.27788	7.801	.34759	4.1224
#3	4.1954	2.6531	.89629	.26486	.28080	7.761	.34752	3.8458

Sample Name: K1036-12MSD Acquired: 1/4/2019 22:59:18 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13-NMSD Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.08239
Stddev	.49583
%RSD	601.80

#1	-.39418
#2	.59546
#3	.04590

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3483.8	44324.	3956.6	90.272	3399.9
Stddev	24.2	133.	16.9	1.696	5.4
%RSD	.69552	.30026	.42676	1.8782	.15759

#1	3510.6	44273.	3937.4	89.763	3405.9
#2	3477.6	44225.	3963.4	92.163	3398.4
#3	3463.4	44475.	3969.0	88.888	3395.5

Sample Name: K1036-12A Acquired: 1/4/2019 23:03:29 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7862 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .01241	s -.63924	s -.37215	s .03069	s .00460	k 2.4904	.61986	k .23663
Stddev	.01210	1.1483	.64104	.03021	.01714	.0781	.00558	.01387
%RSD	97.514	179.64	172.25	98.467	373.01	3.1382	.89963	5.8610

#1	s .02636	s -1.9652	s -1.1124	s .06543	s .02436	k 2.5601	.61909	k .24858
#2	.00606	.02705	-.00056	.01608	-.00439	2.5052	.62578	.23989
#3	.00481	.02045	-.00353	.01055	-.00619	2.4059	.61471	.22143

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s -.06286	k 48.313	k .52175	s -.06881	s .00471	k 4.7468	1.3643	5.6728
Stddev	.11027	.222	.03270	.12037	.00699	.1097	.0784	.0502
%RSD	175.42	.45873	6.2682	174.93	148.41	2.3120	5.7437	.88531

#1	s -.19018	k 48.063	k .55031	s -.20780	s .01276	k 4.6220	1.4334	5.7284
#2	.00111	48.393	.52888	.00106	.00116	4.8282	1.3804	5.6308
#3	.00050	48.484	.48608	.00031	.00021	4.7901	1.2792	5.6592

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s -.12206	k .08796	290.47	k .37413	k 16.647	16.238	s .00700	k 1.1851
Stddev	.22752	.00453	2.04	.02234	25.899	.251	.00804	.0039
%RSD	186.40	5.1508	.70189	5.9725	155.57	1.5459	114.90	.32647

#1	s -.38478	k .09141	290.56	k .39209	k 46.548	16.276	s .01624	k 1.1857
#2	.01018	.08964	292.47	.38119	2.1820	16.469	.00308	1.1809
#3	.00842	.08282	288.39	.34910	1.2123	15.971	.00166	1.1886

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s -.81946	k 2.5777	s -.24447	k .26715	.28009	sF -1.369	k .34771	3.8886
Stddev	1.4212	.0829	.42586	.00169	.00055	2.434	.00264	1.0493
%RSD	173.43	3.2160	174.20	.63379	.19777	177.9	.75955	26.982

#1	s -2.4605	k 2.6250	s -.73621	k .26523	.28042	s -4.180	k .35074	4.8394
#2	.00546	2.6260	.00261	.26777	.28040	.0449	.34652	4.0636
#3	-.00335	2.4819	.00020	.26844	.27945	.0289	.34588	2.7629

Sample Name: K1036-12A Acquired: 1/4/2019 23:03:29 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB7862 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.71238
Stddev	.35793
%RSD	50.243

#1	.40268
#2	.63023
#3	1.1042

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	^ *****	45405.	3965.7	90.166	^ *****
Stddev	-----	1862.	30.9	1.665	-----
%RSD	-----	4.1001	.77934	1.8463	-----

#1	^ -----	43667.	3961.7	92.002	^ -----
#2	11947.	45177.	3937.0	88.755	13232.
#3	11707.	47370.	3998.5	89.742	12962.

Sample Name: K1036-13 Acquired: 1/4/2019 23:07:45 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-O Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00345	-.00120	.02967	.00318	.00728	.01732	.26116	-.00011
Stddev	.00188	.00114	.00070	.00166	.00034	.01395	.00158	.00001
%RSD	54.533	95.137	2.3729	52.258	4.6141	80.570	.60451	11.575
#1	-.00435	-.00248	.02919	.00396	.00747	.00153	.26013	-.00012
#2	-.00129	-.00084	.03047	.00431	.00690	.02243	.26037	-.00012
#3	-.00472	-.00028	.02933	.00127	.00749	.02799	.26298	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04951	57.059	.13815	.00843	.00090	.53536	1.0444	5.0526
Stddev	.00037	.351	.00149	.00018	.00037	.00674	.0019	.0140
%RSD	.74115	.61433	1.0784	2.0866	41.036	1.2583	.17922	.27608
#1	.04949	57.338	.13983	.00839	.00072	.54314	1.0441	5.0486
#2	.04989	56.666	.13764	.00862	.00066	.53118	1.0463	5.0681
#3	.04916	57.173	.13698	.00827	.00133	.53178	1.0426	5.0410
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00724	-.00032	339.13	.00066	F 43.149	1.6206	-.01180	.47821
Stddev	.00036	.00029	4.03	.00053	.923	.0214	.00024	.01078
%RSD	4.9261	89.027	1.1877	79.907	2.1381	1.3207	2.0242	2.2550
#1	.00684	-.00050	343.40	.00018	44.044	1.6371	-.01154	.48131
#2	.00752	.00001	335.40	.00122	42.201	1.6282	-.01182	.48710
#3	.00736	-.00047	338.58	.00058	43.204	1.5964	-.01202	.46621
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1269	1.6806	-.00247	-.00147	.00688	.0101	.17332	4.9241
Stddev	.0352	.0239	.00107	.00094	.00048	.0010	.00023	.0655
%RSD	.57513	1.4244	43.326	64.369	6.9671	10.16	.13088	1.3305
#1	6.1439	1.7063	-.00311	-.00060	.00739	.0111	.17307	4.8612
#2	6.1505	1.6589	-.00124	-.00133	.00682	.0103	.17351	4.9920
#3	6.0864	1.6766	-.00307	-.00247	.00643	.0091	.17338	4.9191

Sample Name: K1036-13 Acquired: 1/4/2019 23:07:45 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-O Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.0860
Stddev	.1937
%RSD	9.2868

#1	1.8638
#2	2.1747
#3	2.2195

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3410.9	42394.	3900.9	89.567	3374.5
Stddev	26.9	102.	40.1	2.189	22.9
%RSD	.78926	.24033	1.0268	2.4438	.67894

#1	3419.3	42304.	3858.5	87.116	3379.0
#2	3380.8	42373.	3938.1	91.326	3349.7
#3	3432.7	42504.	3906.1	90.260	3394.9

Sample Name: K1036-14 Acquired: 1/4/2019 23:12:14 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-P Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00094	-.00161	.01327	.00421	.00858	-.02582	.44484	-.00013
Stddev	.00252	.00092	.00103	.00191	.00281	.00863	.00080	.00003
%RSD	266.99	57.211	7.7748	45.385	32.783	33.443	.17902	24.143

#1	-.00109	-.00261	.01436	.00559	.00865	-.01622	.44427	-.00010
#2	-.00339	-.00080	.01313	.00502	.01136	-.03296	.44451	-.00017
#3	.00165	-.00141	.01232	.00203	.00573	-.02827	.44575	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00296	76.188	.00837	.01333	-.00007	.43979	1.7157	4.9224
Stddev	.00005	.282	.00032	.00019	.00037	.01812	.0058	.0458
%RSD	1.6357	.36974	3.7824	1.3901	539.63	4.1197	.33842	.93071

#1	.00302	76.022	.00871	.01354	.00015	.45023	1.7094	4.8891
#2	.00293	76.028	.00808	.01318	.00013	.41887	1.7169	4.9036
#3	.00295	76.513	.00833	.01327	-.00049	.45027	1.7209	4.9747

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01245	-.00033	337.11	.00045	F 49.890	4.0549	-.01505	.85763
Stddev	.00013	.00037	2.44	.00018	.991	.0339	.00038	.01046
%RSD	1.0749	112.67	.72523	39.381	1.9862	.83509	2.5136	1.2201

#1	.01230	-.00053	335.05	.00045	49.857	4.0677	-.01520	.86946
#2	.01255	-.00057	339.81	.00027	48.916	4.0805	-.01462	.84958
#3	.01249	.00010	336.47	.00063	50.897	4.0165	-.01533	.85385

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9233	2.6500	-.00138	.00023	.00740	.0185	.14667	4.5192
Stddev	.0166	.0237	.00054	.00153	.00181	.0012	.00029	.2185
%RSD	.28093	.89252	38.673	664.38	24.484	6.282	.19803	4.8347

#1	5.9407	2.6773	-.00177	.00179	.00542	.0176	.14662	4.2721
#2	5.9075	2.6373	-.00077	.00015	.00897	.0180	.14641	4.5987
#3	5.9217	2.6355	-.00161	-.00126	.00781	.0198	.14699	4.6868

Sample Name: K1036-14 Acquired: 1/4/2019 23:12:14 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-P Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.0384
Stddev .3436
%RSD 16.855

#1 2.4294
#2 1.7848
#3 1.9010

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3383.7	42611.	3880.5	88.429	3348.3
Stddev	16.1	91.	8.2	1.876	13.2
%RSD	.47552	.21278	.21202	2.1220	.39490

#1	3373.2	42557.	3872.2	88.754	3338.9
#2	3375.8	42715.	3880.7	90.122	3342.5
#3	3402.3	42559.	3888.7	86.412	3363.4

Sample Name: K1036-15 Acquired: 1/4/2019 23:16:44 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-Q Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00316	-.00226	.04578	.00262	.00117	.08844	.53994	-.00010
Stddev	.00144	.00119	.00042	.00050	.00028	.01285	.00278	.00003
%RSD	45.448	52.699	.92170	19.031	24.139	14.525	.51481	34.634

#1	-.00276	-.00338	.04614	.00206	.00148	.07623	.53826	-.00011
#2	-.00476	-.00101	.04589	.00301	.00109	.08726	.53841	-.00013
#3	-.00197	-.00238	.04531	.00278	.00094	.10184	.54315	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01280	2.8482	.01957	.00102	.01266	.24634	.08320	.13754
Stddev	.00004	.0083	.00009	.00007	.00037	.00842	.00066	.01258
%RSD	.32075	.29201	.47964	7.1084	2.9354	3.4178	.79512	9.1474

#1	.01281	2.8427	.01946	.00094	.01235	.23944	.08266	.12957
#2	.01283	2.8442	.01962	.00104	.01256	.25572	.08394	.13101
#3	.01275	2.8578	.01963	.00108	.01307	.24385	.08300	.15205

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00391	-.00078	389.59	.00015	4.8761	.60367	-.00080	.06001
Stddev	.00019	.00004	6.34	.00026	.0539	.02739	.00027	.00184
%RSD	4.9141	5.0632	1.6278	172.99	1.1064	4.5368	33.858	3.0721

#1	.00392	-.00073	382.43	-.00015	4.8689	.60246	-.00063	.05890
#2	.00371	-.00081	394.51	.00027	4.9332	.57690	-.00066	.06214
#3	.00409	-.00078	391.83	.00033	4.8261	.63164	-.00111	.05899

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36423	.11754	-.00018	.00148	.00328	.0085	.00779	4.5774
Stddev	.00024	.00156	.00065	.00087	.00079	.0010	.00009	.1436
%RSD	.06650	1.3240	352.14	59.187	24.004	12.02	1.1204	3.1376

#1	.36403	.11665	-.00005	.00049	.00238	.0074	.00769	4.4425
#2	.36450	.11934	-.00089	.00176	.00358	.0094	.00783	4.5613
#3	.36416	.11664	.00039	.00217	.00386	.0085	.00785	4.7284

Sample Name: K1036-15 Acquired: 1/4/2019 23:16:44 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13-Q Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.88524
Stddev	.19815
%RSD	22.383

#1	.96966
#2	1.0272
#3	.65887

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3368.9	42230.	3865.5	89.413	3325.4
Stddev	20.0	178.	7.6	.948	17.5
%RSD	.59448	.42118	.19686	1.0608	.52530

#1	3356.7	42434.	3869.7	89.445	3313.3
#2	3358.0	42109.	3870.0	88.448	3317.4
#3	3392.0	42147.	3856.7	90.344	3345.4

Sample Name: CCV13 Acquired: 1/4/2019 23:21:01 Type: Unk
Method: P4-ICP2(v2700) 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	5.0013	5.2463	4.8552	5.1072	4.9558	9.9761	10.839	.25065
Stddev	.0216	.0410	.0401	.0265	.0245	.0577	.248	.00023
%RSD	.43143	.78233	.82517	.51909	.49461	.57836	2.2853	.09141
#1	5.0230	5.2925	4.9011	5.1341	4.9820	9.9096	11.087	.25088
#2	5.0010	5.2321	4.8370	5.1063	4.9519	10.007	10.838	.25064
#3	4.9799	5.2141	4.8274	5.0811	4.9335	10.012	10.592	.25042
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5106	27.159	1.0499	2.4720	1.3140	F 5.5592	2.5426	26.140
Stddev	.0182	.350	.0039	.0183	.0075	.1459	.0054	.291
%RSD	.72536	1.2896	.37275	.73970	.56672	2.6238	.21241	1.1128
#1	2.5308	27.550	1.0478	2.4922	1.3215	5.6923	2.5366	26.475
#2	2.5053	27.054	1.0475	2.4671	1.3140	5.5821	2.5472	25.992
#3	2.4956	26.873	1.0544	2.4567	1.3066	5.4033	2.5440	25.952
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6413	1.3031	F 28.317	2.5808	2.5404	27.183	5.1013	F 5.6540
Stddev	.0203	.0029	.684	.0054	.0905	.533	.0248	.0319
%RSD	.76951	.22635	2.4144	.20789	3.5641	1.9602	.48509	.56487
#1	2.6643	1.3038	29.008	2.5802	2.6291	27.719	5.1248	5.6907
#2	2.6339	1.2999	28.303	2.5865	2.5440	27.177	5.1037	5.6325
#3	2.6258	1.3057	27.640	2.5758	2.4481	26.654	5.0754	5.6387
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8733	5.4700	5.0627	5.3197	5.4882	5.122	5.3652	F 4.0006
Stddev	.0295	.1162	.0341	.0534	.1111	.033	.0873	.3016
%RSD	.60530	2.1250	.67416	1.0035	2.0251	.6445	1.6269	7.5379
#1	4.9074	5.5900	5.1006	5.3478	5.5983	5.159	5.4519	3.8940
#2	4.8572	5.4621	5.0528	5.3533	5.4903	5.113	5.3665	3.7668
#3	4.8555	5.3579	5.0346	5.2582	5.3760	5.095	5.2773	4.3409

Sample Name: CCV13 Acquired: 1/4/2019 23:21:01 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.3233
 Stddev .1879
 %RSD 14.200

#1 1.2821
 #2 1.5283
 #3 1.1593

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3518.1	44347.	3883.1	86.884	3434.0
Stddev	18.7	79.	84.1	3.225	27.3
%RSD	.53050	.17837	2.1662	3.7119	.79570

#1	3499.2	44410.	3799.3	83.733	3403.4
#2	3518.4	44374.	3882.7	86.740	3442.5
#3	3536.5	44258.	3967.5	90.178	3456.1

Sample Name: CCB13 Acquired: 1/4/2019 23:24:40 Type: Unk
Method: P4-ICP2(v2700) 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	-.00064	.00138	-.00032	.00048	.00197	-.00610	.00125
Stddev	.00042	.00019	.00044	.00030	.00120	.00568	.00111
%RSD	65.494	14.036	139.20	62.969	60.663	93.036	88.295

#1	-.00034	.00120	.00007	.00023	.00322	-.01201	.00239
#2	-.00046	.00159	-.00079	.00039	.00185	-.00562	.00019
#3	-.00112	.00137	-.00023	.00081	.00084	-.00068	.00118

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00008	.00993	.00019	.00008	.00016	.00197
Stddev	.00002	.00005	.01100	.00006	.00009	.00008	.00656
%RSD	105.12	67.903	110.77	32.542	118.84	50.078	332.29

#1	-.00004	.00014	.00605	.00012	.00002	.00007	.00948
#2	-.00000	.00005	.00140	.00020	.00018	.00020	-.00092
#3	-.00002	.00005	.02234	.00024	.00003	.00021	-.00264

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.02257	.00039	-.00052	.13973	-.00023	.00208
Stddev	.00002	.02543	.00016	.00021	.02718	.00018	.00009
%RSD	89.579	112.68	42.132	40.648	19.453	77.758	4.2699

#1	-.00004	.00309	.00055	-.00074	.16062	-.00007	.00214
#2	-.00004	-.02304	.00022	-.00052	.14957	-.00021	.00213
#3	.00000	-.04776	.00040	-.00031	.10900	-.00042	.00198

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07032	.00040	-.00695	-.00615	-.00229	-.00120	.00226
Stddev	.01527	.00017	.00617	.00006	.00189	.00056	.00033
%RSD	21.718	41.330	88.723	.94192	82.315	46.655	14.467

#1	.07752	.00026	-.01168	-.00615	-.00393	-.00060	.00259
#2	.05278	.00037	-.00920	-.00621	-.00023	-.00130	.00226
#3	.08066	.00059	.00002	-.00609	-.00271	-.00171	.00194

Sample Name: CCB13 Acquired: 1/4/2019 23:24:40 Type: Unk
 Method: P4-ICP2(v2700) 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	.00072	.0037	.00005	F 1.5747	F<.00000
Stddev	.00044	.0005	.00009	.6738	.45832
%RSD	61.059	12.72	170.19	42.787	35.129

#1	.00118	.0035	-.00005	2.0266	-1.8331
#2	.00070	.0043	.00010	.80032	-1.0150
#3	.00030	.0034	.00010	1.8973	-1.0659

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3685.7	47034.	3972.9	93.314	3877.7
Stddev	27.7	167.	31.7	1.289	31.9
%RSD	.75161	.35517	.79694	1.3818	.82364

#1	3710.7	46887.	3953.7	94.642	3914.3
#2	3690.4	47215.	3955.5	92.067	3855.4
#3	3655.9	46999.	4009.4	93.233	3863.4

Sample Name: K1036-16 Acquired: 1/4/2019 23:28:51 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-R Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00247	-.00104	.03699	.00446	.01139	.01163	.27371	-.00006
Stddev	.00316	.00064	.00164	.00251	.00135	.00230	.00148	.00000
%RSD	127.71	62.110	4.4412	56.272	11.872	19.764	.54045	7.2441
#1	-.00413	-.00173	.03888	.00162	.01285	.01333	.27250	-.00007
#2	-.00446	-.00046	.03617	.00536	.01019	.00901	.27328	-.00006
#3	.00117	-.00091	.03591	.00639	.01113	.01254	.27536	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01695	20.786	.17659	.01531	-.00023	3.0056	.81192	3.8094
Stddev	.00010	.161	.00398	.00015	.00011	.0278	.02058	.0561
%RSD	.60744	.77467	2.2512	.98546	47.803	.92314	2.5353	1.4714
#1	.01705	20.606	.17200	.01538	-.00020	3.0373	.78816	3.7709
#2	.01685	20.833	.17868	.01542	-.00014	2.9940	.82316	3.7837
#3	.01696	20.918	.17908	.01514	-.00035	2.9856	.82444	3.8737
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00909	-.00049	332.58	.00055	F 54.168	2.3955	-.01769	1.4458
Stddev	.00014	.00036	3.27	.00041	1.042	.0217	.00035	.0134
%RSD	1.5226	73.576	.98312	74.915	1.9244	.90418	2.0010	.92661
#1	.00894	-.00031	330.29	.00076	55.263	2.3851	-.01793	1.4503
#2	.00914	-.00025	331.12	.00081	54.051	2.3809	-.01729	1.4307
#3	.00920	-.00090	336.32	.00008	53.188	2.4204	-.01786	1.4564
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2134	1.0751	-.00220	.00225	.00524	.0413	.03707	4.5911
Stddev	.0396	.0077	.00008	.00088	.00132	.0006	.00027	.4220
%RSD	.54869	.71375	3.6264	39.218	25.126	1.425	.73469	9.1916
#1	7.2521	1.0729	-.00213	.00317	.00373	.0418	.03676	4.1103
#2	7.2153	1.0687	-.00217	.00217	.00584	.0414	.03720	4.9001
#3	7.1730	1.0836	-.00228	.00141	.00616	.0407	.03725	4.7628

Sample Name: K1036-16 Acquired: 1/4/2019 23:28:51 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-R Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.8762
Stddev	.4042
%RSD	21.545

#1	1.9467
#2	2.2405
#3	1.4413

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3404.7	42861.	3875.0	87.825	3377.2
Stddev	16.3	721.	12.0	2.178	19.3
%RSD	.47925	1.6814	.30999	2.4794	.56999

#1	3387.6	43683.	3875.1	85.500	3355.5
#2	3406.4	42337.	3886.9	88.158	3383.8
#3	3420.1	42563.	3862.9	89.817	3392.3

Sample Name: K1036-17 Acquired: 1/4/2019 23:33:20 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00316	-.00150	.05904	.00342	.00812	.16065	.77386	-.00009
Stddev	.00189	.00009	.00056	.00184	.00179	.00209	.01288	.00004
%RSD	59.669	6.0226	.95580	53.760	22.040	1.3032	1.6649	47.091
#1	-.00229	-.00153	.05918	.00380	.01019	.16304	.78716	-.00014
#2	-.00187	-.00140	.05842	.00142	.00703	.15912	.77298	-.00007
#3	-.00533	-.00157	.05952	.00504	.00714	.15980	.76143	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12077	4.8759	.07680	.00519	.00467	.33729	.41860	1.5279
Stddev	.00055	.0467	.00119	.00016	.00031	.01042	.00069	.0081
%RSD	.45222	.95784	1.5533	3.0087	6.7143	3.0906	.16456	.53036
#1	.12134	4.8404	.07722	.00501	.00497	.34932	.41934	1.5230
#2	.12072	4.9288	.07546	.00526	.00471	.33087	.41797	1.5373
#3	.12025	4.8585	.07773	.00530	.00434	.33169	.41849	1.5235
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00515	-.00061	317.28	.00061	33.045	2.1946	-.00836	.29331
Stddev	.00041	.00029	6.95	.00028	.938	.0158	.00011	.00797
%RSD	7.9866	47.160	2.1906	45.949	2.8399	.72033	1.3098	2.7168
#1	.00517	-.00055	322.45	.00041	33.943	2.2082	-.00844	.28500
#2	.00472	-.00091	320.00	.00049	33.121	2.1984	-.00824	.30089
#3	.00554	-.00035	309.38	.00093	32.070	2.1773	-.00841	.29404
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1624	.40105	-.00081	.00562	.01005	.1019	.02141	4.4755
Stddev	.0116	.00813	.00085	.00315	.00101	.0019	.00010	.5213
%RSD	.36805	2.0284	104.93	56.089	10.086	1.840	.48308	11.648
#1	3.1725	.41044	-.00031	.00528	.01035	.1040	.02153	4.8453
#2	3.1651	.39617	-.00178	.00893	.01087	.1015	.02134	4.7020
#3	3.1497	.39653	-.00033	.00265	.00891	.1003	.02136	3.8793

Sample Name: K1036-17 Acquired: 1/4/2019 23:33:20 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.2997
Stddev	.5874
%RSD	45.191

#1	.87561
#2	1.9702
#3	1.0535

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3443.3	43235.	3913.3	90.204	3430.9
Stddev	11.5	213.	76.1	1.595	12.7
%RSD	.33266	.49339	1.9458	1.7679	.36958

#1	3430.5	43011.	3834.7	88.396	3416.4
#2	3452.6	43260.	3918.4	90.808	3436.5
#3	3446.8	43435.	3986.8	91.409	3439.9

Sample Name: K1036-18 Acquired: 1/4/2019 23:37:42 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-T Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00385	-.00209	.17751	.00332	.00258	.09189	.53953	-.00007
Stddev	.00226	.00070	.00065	.00057	.00100	.01076	.00367	.00007
%RSD	58.770	33.201	.36572	17.187	38.749	11.714	.68086	98.497

#1	-.00388	-.00171	.17695	.00287	.00342	.08017	.54378	.00000
#2	-.00157	-.00290	.17736	.00313	.00148	.09416	.53743	-.00013
#3	-.00609	-.00168	.17822	.00396	.00285	.10134	.53739	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11852	38.510	.05676	.00926	.01719	.46738	1.0028	3.4379
Stddev	.00073	.140	.00020	.00011	.00019	.01104	.0020	.0782
%RSD	.61844	.36244	.36031	1.2284	1.0895	2.3623	.19973	2.2750

#1	.11771	38.481	.05692	.00936	.01726	.45471	1.0005	3.3937
#2	.11871	38.662	.05684	.00914	.01732	.47247	1.0038	3.5282
#3	.11914	38.388	.05653	.00929	.01697	.47495	1.0041	3.3919

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00791	-.00043	352.63	.00013	24.171	1.9032	-.00546	.23676
Stddev	.00018	.00038	2.17	.00016	.434	.0454	.00025	.00308
%RSD	2.3177	88.625	.61515	120.63	1.7942	2.3827	4.5266	1.3003

#1	.00795	-.00049	350.17	.00017	24.011	1.8930	-.00549	.23417
#2	.00772	-.00077	354.27	.00027	23.841	1.9527	-.00520	.24016
#3	.00808	-.00002	353.44	-.00004	24.663	1.8638	-.00569	.23594

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7976	1.2480	-.00104	.00176	.00558	.0181	.12517	4.3417
Stddev	.0168	.0132	.00119	.00217	.00071	.0011	.00078	.3051
%RSD	.59906	1.0548	114.52	123.16	12.709	6.210	.62122	7.0264

#1	2.7791	1.2567	.00018	.00095	.00636	.0170	.12577	4.4506
#2	2.8019	1.2545	-.00110	.00422	.00498	.0193	.12546	3.9971
#3	2.8117	1.2329	-.00220	.00012	.00539	.0179	.12429	4.5773

Sample Name: K1036-18 Acquired: 1/4/2019 23:37:42 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13-T Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7292
 Stddev .1829
 %RSD 10.575

#1 1.7713
 #2 1.8873
 #3 1.5289

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3462.2	43179.	3940.0	89.925	3413.9
Stddev	17.1	50.	34.5	1.432	19.3
%RSD	.49368	.11646	.87624	1.5921	.56414

#1	3481.5	43121.	3900.3	90.448	3435.7
#2	3456.2	43209.	3956.6	91.022	3407.0
#3	3448.9	43208.	3963.1	88.305	3399.0

Sample Name: K1036-19 Acquired: 1/4/2019 23:41:53 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13-U Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00356	-.00137	.14419	.00254	.00592	.05506	.31183	-.00010
Stddev	.00216	.00015	.00061	.00128	.00139	.00814	.00293	.00001
%RSD	60.511	10.734	.42190	50.499	23.406	14.789	.93943	5.9788
#1	-.00508	-.00135	.14477	.00390	.00731	.04638	.31442	-.00010
#2	-.00110	-.00152	.14355	.00238	.00453	.05625	.30865	-.00010
#3	-.00451	-.00123	.14425	.00135	.00592	.06253	.31242	-.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10183	27.755	.16189	.00675	.00653	.76861	.44721	2.5454
Stddev	.00011	.134	.00636	.00009	.00027	.01416	.01429	.0454
%RSD	.11166	.48452	3.9273	1.3713	4.1657	1.8419	3.1951	1.7825
#1	.10184	27.734	.15460	.00681	.00683	.75246	.43115	2.5579
#2	.10171	27.631	.16631	.00664	.00646	.77886	.45852	2.4951
#3	.10193	27.898	.16475	.00679	.00630	.77452	.45196	2.5832
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00652	-.00088	293.74	.00045	F 35.947	1.1998	-.00938	.26485
Stddev	.00062	.00057	5.11	.00032	.482	.0191	.00031	.00710
%RSD	9.5254	65.068	1.7390	71.544	1.3405	1.5886	3.2936	2.6797
#1	.00688	-.00110	295.09	.00021	35.403	1.2146	-.00919	.26067
#2	.00689	-.00130	288.09	.00081	36.117	1.2065	-.00922	.27304
#3	.00580	-.00023	298.04	.00032	36.320	1.1783	-.00974	.26084
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3288	.96378	-.00156	.00067	.00449	.0118	.09498	4.0131
Stddev	.0117	.02149	.00074	.00063	.00186	.0002	.00065	.5945
%RSD	.35008	2.2301	47.499	94.961	41.533	1.326	.67999	14.814
#1	3.3218	.94869	-.00220	.00029	.00391	.0118	.09546	3.3492
#2	3.3224	.95426	-.00172	.00139	.00298	.0116	.09424	4.4962
#3	3.3423	.98839	-.00075	.00031	.00657	.0119	.09524	4.1938

Sample Name: K1036-19 Acquired: 1/4/2019 23:41:53 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13-U Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.4761
Stddev	.5292
%RSD	35.851

#1	1.5109
#2	1.9870
#3	.93035

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3430.3	43750.	3962.0	91.050	3414.6
Stddev	14.6	1159.	58.0	.625	9.9
%RSD	.42641	2.6486	1.4641	.68631	.29071

#1	3415.8	45039.	3956.4	91.608	3403.2
#2	3430.1	42796.	4022.6	91.167	3420.2
#3	3445.0	43414.	3907.0	90.375	3420.5

Sample Name: K1036-20 Acquired: 1/4/2019 23:46:13 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-V Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00253	-.00116	.24699	.00134	.00493	.27128	.57815	-.00001
Stddev	.00085	.00049	.00047	.00084	.00196	.00423	.00506	.00010
%RSD	33.714	42.440	.18900	63.165	39.704	1.5591	.87452	1234.4

#1	-.00332	-.00138	.24715	.00163	.00651	.27448	.57718	.00003
#2	-.00163	-.00150	.24646	.00199	.00552	.26648	.58363	-.00012
#3	-.00264	-.00060	.24735	.00038	.00274	.27286	.57366	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16865	1.7546	.04282	.00540	.03907	.02439	.30704	.63458
Stddev	.00044	.0258	.00034	.00009	.00008	.00512	.00030	.02832
%RSD	.25819	1.4718	.80233	1.7056	.19466	21.005	.09835	4.4629

#1	.16824	1.7275	.04263	.00546	.03914	.01864	.30727	.60508
#2	.16911	1.7573	.04321	.00529	.03899	.02605	.30715	.63712
#3	.16859	1.7789	.04261	.00545	.03909	.02848	.30670	.66155

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00623	-.00036	326.13	-.00011	27.371	2.0111	-.00663	.11406
Stddev	.00033	.00015	3.60	.00037	.556	.0137	.00006	.00777
%RSD	5.3621	42.003	1.1051	354.54	2.0296	.67925	.95262	6.8148

#1	.00650	-.00019	329.79	.00032	27.947	1.9955	-.00657	.10589
#2	.00632	-.00040	326.01	-.00038	27.329	2.0173	-.00669	.12137
#3	.00586	-.00048	322.59	-.00025	26.838	2.0206	-.00665	.11493

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6134	.16001	-.00089	.00226	.00208	.0178	.01315	3.7713
Stddev	.0080	.00374	.00012	.00194	.00043	.0019	.00016	.2903
%RSD	.30546	2.3404	12.988	85.717	20.756	10.91	1.1891	7.6976

#1	2.6107	.16318	-.00078	.00014	.00258	.0181	.01301	3.8172
#2	2.6223	.16097	-.00088	.00394	.00183	.0157	.01332	3.4608
#3	2.6070	.15588	-.00101	.00271	.00183	.0196	.01312	4.0359

Sample Name: K1036-20 Acquired: 1/4/2019 23:46:13 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13-V Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .86046
 Stddev .74245
 %RSD 86.286

#1 .27874
 #2 1.6967
 #3 .60593

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3465.0	43646.	3926.4	91.162	3408.0
Stddev	6.5	51.	44.0	1.813	7.2
%RSD	.18735	.11764	1.1217	1.9882	.20981

#1	3471.7	43671.	3891.0	89.245	3416.3
#2	3458.8	43681.	3912.4	91.391	3403.3
#3	3464.4	43587.	3975.7	92.848	3404.5

Sample Name: K1036-21 Acquired: 1/4/2019 23:50:32 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-W Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00299	-.00105	.03219	.00318	-.00015	.04356	.39194	-.00009
Stddev	.00161	.00120	.00052	.00139	.00148	.01147	.00323	.00003
%RSD	53.732	113.99	1.6185	43.634	956.66	26.341	.82479	35.285
#1	-.00221	.00013	.03231	.00390	-.00096	.05418	.39009	-.00012
#2	-.00484	-.00103	.03264	.00407	.00156	.03139	.39007	-.00007
#3	-.00193	-.00226	.03162	.00158	-.00106	.04511	.39568	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00723	12.601	.01040	.00042	.01258	.17964	.10556	.26471
Stddev	.00005	.028	.00021	.00024	.00029	.01140	.00228	.04015
%RSD	.63129	.22545	1.9872	57.112	2.3026	6.3472	2.1625	15.166
#1	.00722	12.630	.01016	.00061	.01291	.16647	.10792	.22989
#2	.00718	12.574	.01050	.00015	.01236	.18620	.10538	.25562
#3	.00727	12.599	.01054	.00050	.01247	.18624	.10337	.30863
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00376	-.00062	337.87	.00025	1.9611	1.1234	-.00016	.04303
Stddev	.00030	.00016	.75	.00032	.0167	.0133	.00020	.00628
%RSD	8.0255	25.923	.22256	128.36	.85027	1.1834	126.92	14.598
#1	.00361	-.00072	337.94	-.00008	1.9780	1.1377	-.00036	.03736
#2	.00410	-.00043	337.09	.00027	1.9608	1.1114	-.00016	.04978
#3	.00356	-.00070	338.59	.00056	1.9446	1.1211	.00004	.04196
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33697	.24637	-.00078	.00050	.00265	.0082	.01961	4.0151
Stddev	.00020	.01110	.00075	.00148	.00149	.0005	.00013	.7456
%RSD	.05849	4.5034	95.791	295.56	56.064	6.625	.64899	18.569
#1	.33711	.25909	-.00063	.00176	.00110	.0087	.01956	4.1494
#2	.33705	.24137	-.00159	.00086	.00279	.0084	.01951	4.6844
#3	.33675	.23866	-.00012	-.00113	.00407	.0076	.01975	3.2115

Sample Name: K1036-21 Acquired: 1/4/2019 23:50:32 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13-W Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.89558
Stddev	.53641
%RSD	59.895

#1	1.0204
#2	.30776
#3	1.3586

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3409.3	43199.	3866.0	88.197	3353.1
Stddev	9.4	600.	16.5	.956	8.2
%RSD	.27582	1.3880	.42699	1.0844	.24363

#1	3409.5	42867.	3846.9	87.183	3352.7
#2	3418.6	42840.	3876.0	88.325	3361.5
#3	3399.8	43892.	3875.0	89.083	3345.2

Sample Name: K1036-22 Acquired: 1/4/2019 23:54:48 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-J Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00394	-.00233	.07940	.00247	.00031	.01594	.27877	-.00005
Stddev	.00248	.00058	.00095	.00079	.00133	.01379	.00342	.00004
%RSD	62.886	24.964	1.1963	32.187	424.59	86.515	1.2259	69.999

#1	-.00478	-.00226	.08028	.00171	.00062	.00452	.28187	-.00008
#2	-.00588	-.00178	.07839	.00241	-.00115	.03126	.27934	-.00007
#3	-.00115	-.00294	.07953	.00329	.00147	.01203	.27510	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03261	64.837	.01840	.00335	.01981	.36295	.54765	1.1457
Stddev	.00009	.603	.00055	.00025	.00041	.00615	.00104	.0552
%RSD	.26840	.93033	2.9964	7.3635	2.0678	1.6957	.18961	4.8200

#1	.03251	65.484	.01786	.00307	.02015	.36279	.54883	1.1840
#2	.03269	64.739	.01896	.00353	.01935	.36918	.54727	1.0824
#3	.03262	64.289	.01836	.00345	.01992	.35688	.54686	1.1708

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00736	-.00061	341.12	.00001	9.1192	2.5667	-.00196	.03836
Stddev	.00025	.00031	3.92	.00031	.1167	.0339	.00015	.00219
%RSD	3.3321	50.845	1.1499	3395.1	1.2792	1.3207	7.4973	5.7092

#1	.00737	-.00028	345.51	.00006	9.1846	2.5865	-.00190	.04072
#2	.00759	-.00089	337.96	-.00032	9.1885	2.5861	-.00212	.03796
#3	.00710	-.00065	339.88	.00029	8.9846	2.5276	-.00185	.03639

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79129	.69387	-.00041	.00139	.00723	.0052	.08223	4.3074
Stddev	.00294	.01336	.00033	.00127	.00179	.0012	.00029	.3108
%RSD	.37105	1.9260	80.462	91.422	24.768	23.74	.35458	7.2144

#1	.79381	.68724	-.00032	.00283	.00916	.0058	.08241	4.4086
#2	.79200	.70925	-.00078	.00046	.00692	.0060	.08239	3.9587
#3	.78806	.68512	-.00014	.00087	.00562	.0038	.08190	4.5550

Sample Name: K1036-22 Acquired: 1/4/2019 23:54:48 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13-J Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.1077
Stddev .1043
%RSD 4.9481

#1 2.0176
#2 2.2220
#3 2.0837

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3425.5	42946.	3916.5	88.414	3351.8
Stddev	12.8	98.	54.1	1.224	11.0
%RSD	.37398	.22899	1.3810	1.3848	.32843

#1	3412.0	42837.	3856.0	87.667	3340.8
#2	3426.9	42974.	3933.1	87.749	3351.7
#3	3437.5	43027.	3960.3	89.827	3362.8

Sample Name: K1017-26 Acquired: 1/4/2019 23:59:01 Type: Unk
Method: P4-ICP2(v2700) 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	.00037	.00002	-.00079	.00053	-.00124	-.00689	.10326	-.00003
Stddev	.00094	.00120	.00057	.00074	.00044	.01209	.00021	.00003
%RSD	255.24	6780.1	71.720	138.80	35.572	175.49	.19984	123.62

#1	.00069	-.00134	-.00042	.00063	-.00077	-.00870	.10349	-.00006
#2	-.00069	.00045	-.00051	.00122	-.00164	-.01797	.10316	-.00002
#3	.00110	.00094	-.00144	-.00025	-.00130	.00600	.10312	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	27.806	.00045	.00006	.00049	.57208	.35668	4.6736
Stddev	.00003	.025	.00025	.00010	.00016	.02239	.00058	.0233
%RSD	56.158	.08844	56.473	155.82	33.631	3.9144	.16337	.49950

#1	-.00006	27.810	.00017	.00000	.00033	.59280	.35611	4.6976
#2	-.00008	27.779	.00051	.00018	.00048	.54832	.35728	4.6510
#3	-.00002	27.828	.00066	.00001	.00066	.57513	.35665	4.6721

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00102	63.039	.00004	.01389	3.5089	.00157	.06572
Stddev	.00028	.00045	.557	.00026	.00004	.0324	.00022	.00146
%RSD	205.54	44.253	.88375	689.89	.26443	.92213	14.298	2.2168

#1	-.00017	-.00057	63.680	.00003	.01389	3.5458	.00175	.06427
#2	.00019	-.00147	62.763	.00030	.01385	3.4858	.00132	.06719
#3	.00039	-.00102	62.674	-.00022	.01392	3.4949	.00163	.06570

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14146	2.6195	-.00220	.00084	.00621	.0073	.23131	3.2264
Stddev	.00035	.0094	.00063	.00095	.00076	.0009	.00148	.2119
%RSD	.24555	.36023	28.773	112.23	12.235	12.08	.63970	6.5678

#1	.14183	2.6299	-.00151	.00164	.00604	.0083	.23296	3.1591
#2	.14142	2.6116	-.00276	-.00020	.00703	.0072	.23087	3.4638
#3	.14114	2.6171	-.00232	.00109	.00554	.0065	.23010	3.0563

Sample Name: K1017-26 Acquired: 1/4/2019 23:59:01 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .45891
 %RSD 151.71

#1 -.24483
 #2 .12486
 #3 -.78750

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3538.0	44766.	3845.7	89.165	3631.1
Stddev	10.6	68.	33.5	.372	10.7
%RSD	.29926	.15297	.87041	.41734	.29346

#1	3529.7	44808.	3813.4	89.048	3619.8
#2	3549.9	44687.	3880.3	89.582	3640.9
#3	3534.3	44803.	3843.4	88.866	3632.7

Sample Name: K1017-26DUP Acquired: 1/5/2019 0:03:09 Type: Unk
Method: P4-ICP2(v2700) 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	.00147	.00061	-.00046	.00259	.00004	-.01262	.10272	-.00009
Stddev	.00127	.00043	.00045	.00171	.00053	.00503	.00017	.00003
%RSD	86.437	69.939	97.446	66.230	1255.5	39.892	.16546	32.093

#1	.00293	.00098	-.00097	.00415	-.00022	-.01809	.10268	-.00009
#2	.00069	.00070	-.00029	.00075	.00065	-.01158	.10290	-.00012
#3	.00079	.00014	-.00012	.00286	-.00031	-.00818	.10257	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	27.625	.00029	.00022	.00050	.57074	.35651	4.5791
Stddev	.00005	.089	.00023	.00026	.00029	.01280	.00012	.0286
%RSD	32.666	.32199	80.110	119.68	57.616	2.2419	.03302	.62362

#1	-.00010	27.528	.00030	.00003	.00043	.57735	.35656	4.5499
#2	-.00019	27.644	.00052	.00011	.00081	.55599	.35638	4.5805
#3	-.00015	27.703	.00005	.00052	.00025	.57887	.35660	4.6069

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00096	62.134	.00033	.01375	3.4840	.00148	.06834
Stddev	.00030	.00071	.200	.00051	.00032	.0302	.00032	.00426
%RSD	133.26	74.129	.32128	156.90	2.3131	.86802	21.802	6.2406

#1	-.00008	-.00022	61.908	-.00022	.01379	3.4716	.00127	.06756
#2	.00051	-.00163	62.211	.00080	.01405	3.5185	.00131	.06452
#3	.00024	-.00103	62.285	.00040	.01341	3.4620	.00185	.07295

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14221	2.6026	-.00118	.00160	.00754	.0076	.23008	3.1660
Stddev	.00297	.0137	.00043	.00246	.00107	.0010	.00099	.2037
%RSD	2.0903	.52690	36.605	153.82	14.239	13.11	.43241	6.4333

#1	.13880	2.6074	-.00071	-.00081	.00827	.0085	.23038	3.3571
#2	.14363	2.6133	-.00155	.00411	.00631	.0079	.23089	3.1891
#3	.14421	2.5871	-.00130	.00150	.00805	.0065	.22897	2.9518

Sample Name: K1017-26DUP Acquired: 1/5/2019 0:03:09 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .65801
%RSD 128.69

#1 -.44820
#2 -1.1986
#3 .11285

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3548.3	44941.	3892.2	89.478	3628.0
Stddev	13.3	43.	16.3	.967	20.6
%RSD	.37595	.09515	.41990	1.0807	.56706

#1	3533.5	44902.	3894.7	89.036	3620.0
#2	3559.5	44986.	3874.7	88.812	3651.3
#3	3551.9	44935.	3907.1	90.588	3612.5

Sample Name: K1017-26LX5 Acquired: 1/5/2019 0:07:16 Type: Unk
Method: P4-ICP2(v2700) 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	-.00014	.00084	-.00079	.00083	-.00089	-.00482	.02367	-.00003
Stddev	.00125	.00060	.00040	.00170	.00082	.01447	.00129	.00001
%RSD	866.45	71.463	50.136	204.78	92.065	300.15	5.4549	34.087

#1	.00049	.00073	-.00097	.00261	-.00063	-.02129	.02514	-.00004
#2	.00066	.00030	-.00034	.00068	-.00023	.00095	.02270	-.00002
#3	-.00158	.00149	-.00108	-.00079	-.00181	.00588	.02318	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	5.8445	-.00000	-.00019	.00056	.13011	.07675	.99808
Stddev	.00003	.0875	.00016	.00013	.00002	.01318	.00066	.01919
%RSD	442.19	1.4966	8281.1	69.233	3.0731	10.133	.85909	1.9232

#1	-.00003	5.9442	-.00005	-.00007	.00057	.14334	.07751	.97592
#2	-.00000	5.8085	-.00013	-.00033	.00058	.11697	.07628	1.0093
#3	.00002	5.7807	.00017	-.00018	.00055	.13001	.07647	1.0090

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	-.00087	13.335	-.00030	.00516	.76248	.00025	.01020
Stddev	.00014	.00017	.266	.00003	.00034	.04008	.00019	.00318
%RSD	39.909	19.259	1.9978	8.9483	6.5173	5.2572	72.891	31.130

#1	.00049	-.00107	13.642	-.00027	.00554	.77561	.00005	.01357
#2	.00040	-.00077	13.197	-.00030	.00496	.71747	.00040	.00726
#3	.00020	-.00078	13.166	-.00033	.00496	.79435	.00031	.00979

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02520	.56527	-.00186	.00163	.00363	.0051	.04868	2.2532
Stddev	.00124	.02125	.00041	.00137	.00145	.0005	.00102	.0843
%RSD	4.9271	3.7595	22.273	83.788	39.881	9.621	2.0915	3.7415

#1	.02607	.58934	-.00205	.00320	.00253	.0052	.04985	2.3401
#2	.02574	.54909	-.00214	.00093	.00310	.0056	.04808	2.1717
#3	.02378	.55738	-.00138	.00076	.00527	.0046	.04809	2.2480

Sample Name: K1017-26LX5 Acquired: 1/5/2019 0:07:16 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .37134
 %RSD 61.239

#1 -.57744
 #2 -.99135
 #3 -.25036

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3667.9	46230.	3902.4	91.550	3843.7
Stddev	22.2	147.	85.3	2.174	20.7
%RSD	.60534	.31715	2.1859	2.3749	.53754

#1	3679.8	46062.	3804.7	89.049	3853.9
#2	3681.6	46336.	3940.5	92.988	3857.3
#3	3642.3	46290.	3962.1	92.613	3819.9

Sample Name: CCV14 Acquired: 1/5/2019 0:11:24 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14441 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0124	5.2570	4.8204	5.1321	4.9487	9.9274	10.744	.24728
Stddev	.0146	.0117	.0100	.0142	.0130	.0618	.035	.00238
%RSD	.29065	.22199	.20691	.27749	.26355	.62217	.32488	.96182
#1	5.0076	5.2597	4.8270	5.1400	4.9514	9.9183	10.775	.24841
#2	5.0288	5.2671	4.8254	5.1406	4.9602	9.8707	10.751	.24889
#3	5.0009	5.2442	4.8089	5.1156	4.9345	9.9933	10.706	.24455
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5046	27.239	1.0385	2.4613	1.3198	F 5.6353	2.5041	25.873
Stddev	.0050	.126	.0055	.0044	.0020	.0997	.0180	.129
%RSD	.20171	.46096	.53024	.17883	.14846	1.7698	.71918	.49984
#1	2.5088	27.208	1.0443	2.4643	1.3210	5.7100	2.5154	25.730
#2	2.5061	27.133	1.0378	2.4635	1.3210	5.6739	2.5136	25.983
#3	2.4990	27.378	1.0333	2.4563	1.3176	5.5221	2.4834	25.905
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6474	1.2938	F 27.830	2.5494	2.5827	26.942	5.1126	F 5.5804
Stddev	.0056	.0087	.058	.0221	.0462	.122	.0137	.0027
%RSD	.21229	.67094	.20838	.86554	1.7888	.45284	.26697	.04745
#1	2.6487	1.3023	27.879	2.5624	2.6169	27.050	5.1159	5.5801
#2	2.6522	1.2943	27.845	2.5619	2.6010	26.967	5.1242	5.5832
#3	2.6412	1.2849	27.766	2.5239	2.5301	26.810	5.0975	5.5780
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8736	5.4050	5.0601	5.2481	5.4524	5.123	5.3438	F 4.2313
Stddev	.0116	.0122	.0074	.0182	.0115	.014	.0152	.3241
%RSD	.23692	.22573	.14603	.34620	.21053	.2749	.28527	7.6593
#1	4.8751	5.4116	5.0608	5.2302	5.4657	5.121	5.3614	4.5469
#2	4.8844	5.4124	5.0672	5.2666	5.4467	5.138	5.3352	3.8994
#3	4.8614	5.3909	5.0524	5.2474	5.4450	5.110	5.3349	4.2476

Sample Name: CCV14 Acquired: 1/5/2019 0:11:24 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14441 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4696
Stddev	.3343
%RSD	22.749

#1	1.3727
#2	1.8417
#3	1.1945

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3501.2	44319.	3873.0	84.842	3427.7
Stddev	12.1	242.	15.3	1.557	10.4
%RSD	.34454	.54616	.39433	1.8355	.30266

#1	3489.8	44061.	3856.4	83.599	3416.7
#2	3500.0	44354.	3876.3	84.339	3429.0
#3	3513.9	44541.	3886.4	86.589	3437.4

Sample Name: CCB14 Acquired: 1/5/2019 0:15:04 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14441 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00172	.00222	-.00056	.00130	.00164	.00603	.00129
Stddev	.00082	.00069	.00096	.00063	.00029	.00646	.00018
%RSD	47.543	30.938	173.18	48.707	17.531	107.12	14.316

#1	.00260	.00166	.00033	.00133	.00158	.00772	.00110
#2	.00098	.00203	-.00041	.00192	.00195	.01148	.00146
#3	.00158	.00299	-.00158	.00066	.00138	-.00111	.00131

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00002	.00038	.00024	.00005	.00038	.00176
Stddev	.00003	.00004	.01374	.00026	.00017	.00028	.00441
%RSD	48.795	255.36	3569.5	107.76	310.44	71.692	250.62

#1	-.00008	.00003	-.00682	.00042	-.00011	.00016	.00561
#2	-.00008	-.00003	-.00825	-.00006	.00022	.00069	.00272
#3	-.00003	.00005	.01623	.00037	.00004	.00030	-.00305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.01127	.00046	-.00025	.01735	.00014	.00147
Stddev	.00005	.05446	.00052	.00011	.01299	.00055	.00006
%RSD	236.83	483.38	113.77	43.823	74.840	392.95	4.2416

#1	.00001	-.06718	.00070	-.00013	.03197	.00052	.00141
#2	-.00007	.04161	.00081	-.00027	.01291	.00039	.00147
#3	.00001	-.00822	-.00014	-.00034	.00717	-.00049	.00153

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02626	.00026	-.00532	-.00633	-.00067	-.00162	.00086
Stddev	.02886	.00026	.00414	.00204	.00082	.00108	.00129
%RSD	109.90	97.362	77.788	32.265	123.16	66.362	149.43

#1	-.00445	.00027	-.00813	-.00398	-.00089	-.00226	.00213
#2	.05283	.00000	-.00057	-.00743	-.00135	-.00223	.00090
#3	.03040	.00052	-.00727	-.00760	.00024	-.00038	-.00045

Sample Name: CCB14 Acquired: 1/5/2019 0:15:04 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14441 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00067	.0042	.00004	F 1.6476	F<.00000
Stddev	.00075	.0004	.00008	.2233	.19487
%RSD	112.49	10.38	204.37	13.555	14.660
#1	.00105	.0037	.00012	1.7572	-1.1081
#2	.00115	.0044	-.00003	1.7950	-1.4037
#3	-.00020	.0044	.00002	1.3906	-1.4758
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3736.3	47116.	3956.5	92.464	3921.6
Stddev	27.3	135.	29.0	1.064	44.4
%RSD	.72959	.28660	.73193	1.1507	1.1309
#1	3707.7	46980.	3943.3	93.183	3912.4
#2	3762.0	47117.	3989.7	92.967	3969.8
#3	3739.1	47250.	3936.5	91.242	3882.5

Sample Name: K1017-26MS Acquired: 1/5/2019 0:19:14 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116169BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85472	2.2142	1.0120	2.1361	.86824	2.1660	.34370
Stddev	.00453	.0055	.0003	.0088	.00079	.0365	.00972
%RSD	.52944	.24840	.03342	.41218	.09102	1.6848	2.8272

#1	.85135	2.2142	1.0122	2.1271	.86883	2.1338	.33280
#2	.85295	2.2087	1.0117	2.1365	.86854	2.2057	.35147
#3	.85986	2.2197	1.0123	2.1447	.86734	2.1585	.34683

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21212	.21004	28.291	.46459	.21392	.35095	4.1455
Stddev	.00030	.00020	.881	.00183	.00048	.00071	.0555
%RSD	.14362	.09550	3.1146	.39306	.22526	.20205	1.3379

#1	.21209	.21023	27.295	.46422	.21358	.35013	4.1370
#2	.21244	.21005	28.969	.46298	.21447	.35134	4.2048
#3	.21183	.20983	28.608	.46658	.21371	.35137	4.0948

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56505	6.7856	.56515	.08008	63.927	.34811	.22224
Stddev	.00084	.2314	.00037	.00023	1.207	.00067	.00278
%RSD	.14953	3.4096	.06483	.29092	1.8881	.19111	1.2504

#1	.56588	6.5185	.56498	.08023	62.545	.34870	.22510
#2	.56507	6.9216	.56491	.07981	64.773	.34739	.22206
#3	.56419	6.9168	.56557	.08021	64.464	.34825	.21955

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.383	.48174	.44483	.13417	3.6602	.76954	.23864
Stddev	.481	.00032	.01749	.00226	.0762	.00245	.00557
%RSD	3.1269	.06670	3.9317	1.6817	2.0820	.31883	2.3326

#1	14.983	.48211	.42548	.13477	3.5739	.76898	.23307
#2	15.917	.48153	.45950	.13167	3.7182	.76741	.24420
#3	15.249	.48158	.44951	.13606	3.6885	.77222	.23865

Sample Name: K1017-26MS Acquired: 1/5/2019 0:19:14 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116169BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25177	6.325	.44957	2.8803	F<.00000
Stddev	.00644	.009	.00729	.2443	.31154
%RSD	2.5560	.1407	1.6212	8.4816	23.598

#1	.24457	6.322	.44148	2.8258	-1.3129
#2	.25696	6.318	.45561	2.6678	-1.6353
#3	.25379	6.335	.45163	3.1472	-1.0124

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3578.6	45431.	3952.6	92.533	3629.2
Stddev	21.9	96.	60.0	.662	22.1
%RSD	.61287	.21038	1.5189	.71588	.60832

#1	3603.9	45333.	4021.9	92.068	3654.4
#2	3566.8	45437.	3919.0	92.239	3619.8
#3	3565.2	45524.	3916.9	93.291	3613.4

Sample Name: K1017-26MSD Acquired: 1/5/2019 0:23:02 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116169BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85748	2.2270	1.0143	2.1513	.87008	2.1469	.34300
Stddev	.01195	.0319	.0134	.0289	.00866	.0325	.00100
%RSD	1.3932	1.4315	1.3248	1.3440	.99475	1.5158	.29137

#1	.85182	2.2051	1.0044	2.1427	.86608	2.1301	.34364
#2	.84941	2.2123	1.0089	2.1276	.86415	2.1844	.34184
#3	.87120	2.2636	1.0296	2.1835	.88001	2.1262	.34350

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21123	.21061	28.273	.46392	.21495	.35264	4.2207
Stddev	.00026	.00289	.030	.00236	.00323	.00400	.0731
%RSD	.12149	1.3702	.10472	.50871	1.5018	1.1343	1.7327

#1	.21146	.20852	28.306	.46388	.21305	.34995	4.1444
#2	.21127	.20941	28.250	.46630	.21313	.35074	4.2276
#3	.21095	.21390	28.262	.46158	.21868	.35724	4.2901

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56275	6.7286	.56667	.08071	64.128	.34647	.22995
Stddev	.00060	.0164	.00810	.00037	.293	.00065	.00211
%RSD	.10673	.24364	1.4288	.45746	.45632	.18766	.91928

#1	.56336	6.7162	.56025	.08074	64.390	.34721	.22757
#2	.56272	6.7224	.56398	.08032	63.812	.34599	.23066
#3	.56216	6.7472	.57577	.08106	64.180	.34622	.23162

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.429	.48266	.43804	.13561	3.6661	.77383	.23959
Stddev	.039	.00633	.00533	.00195	.0313	.01118	.00162
%RSD	.25034	1.3125	1.2175	1.4393	.85348	1.4449	.67711

#1	15.428	.47921	.43764	.13671	3.6939	.76490	.23779
#2	15.390	.47880	.44356	.13335	3.6322	.77023	.24094
#3	15.468	.48997	.43291	.13676	3.6723	.78637	.24005

Sample Name: K1017-26MSD Acquired: 1/5/2019 0:23:02 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB116169BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24986	6.363	.45301	3.2509	F<.00000
Stddev	.00052	.093	.00172	.1638	.41892
%RSD	.20707	1.468	.38027	5.0379	30.991

#1	.24948	6.309	.45495	3.2246	-1.0990
#2	.25045	6.311	.45240	3.4263	-1.8353
#3	.24966	6.471	.45167	3.1019	-1.1209

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3585.4	45576.	3931.3	89.755	3635.3
Stddev	59.7	192.	20.1	.939	64.1
%RSD	1.6657	.42178	.51134	1.0467	1.7642

#1	3611.0	45615.	3910.5	90.623	3667.4
#2	3628.1	45367.	3950.7	89.885	3677.0
#3	3517.2	45746.	3932.6	88.758	3561.4

Sample Name: K1017-26A Acquired: 1/5/2019 0:26:49 Type: Unk
Method: P4-ICP2(v2700) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85479	2.2106	1.0068	2.1393	.86407	2.1642	.34233
Stddev	.00350	.0010	.0024	.0037	.00274	.0205	.00151
%RSD	.40994	.04722	.23582	.17200	.31738	.94931	.44224

#1	.85122	2.2100	1.0069	2.1431	.86445	2.1713	.34108
#2	.85493	2.2118	1.0092	2.1391	.86661	2.1411	.34401
#3	.85823	2.2100	1.0044	2.1358	.86116	2.1803	.34191

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21147	.20933	28.294	.46258	.21359	.35133	4.1993
Stddev	.00109	.00017	.062	.00326	.00065	.00016	.0602
%RSD	.51613	.07923	.22060	.70471	.30365	.04680	1.4339

#1	.21260	.20947	28.250	.46363	.21285	.35123	4.2219
#2	.21043	.20937	28.365	.45892	.21384	.35123	4.2449
#3	.21139	.20915	28.266	.46518	.21408	.35152	4.1311

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56397	6.7552	.56316	.08025	63.536	.34662	.22475
Stddev	.00296	.0243	.00051	.00048	.748	.00162	.00569
%RSD	.52431	.35910	.09047	.60158	1.1766	.46613	2.5326

#1	.56650	6.7451	.56371	.07975	63.937	.34769	.22692
#2	.56072	6.7829	.56308	.08027	63.997	.34476	.22905
#3	.56471	6.7376	.56270	.08072	62.673	.34741	.21830

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.291	.48093	.43161	.13256	3.6648	.76868	.23517
Stddev	.328	.00078	.00877	.00302	.0595	.00166	.00283
%RSD	2.1482	.16317	2.0328	2.2809	1.6230	.21623	1.2038

#1	15.374	.48032	.42767	.13035	3.7096	.77030	.23367
#2	15.571	.48181	.44166	.13132	3.6874	.76875	.23844
#3	14.930	.48065	.42550	.13600	3.5973	.76698	.23341

Sample Name: K1017-26A Acquired: 1/5/2019 0:26:49 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24887	6.318	.44870	2.7839	F<.00000
Stddev	.00175	.011	.00557	.0852	.13428
%RSD	.70182	.1792	1.2416	3.0606	7.5224
#1	.24994	6.330	.45139	2.7106	-1.6861
#2	.24685	6.314	.45242	2.8774	-1.9379
#3	.24981	6.309	.44230	2.7636	-1.7312
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3572.1	45655.	3956.2	91.073	3629.4
Stddev	4.7	181.	59.9	2.131	5.0
%RSD	.13181	.39674	1.5129	2.3403	.13856
#1	3575.1	45490.	3936.1	90.023	3624.9
#2	3574.5	45849.	3908.9	89.670	3634.8
#3	3566.7	45625.	4023.5	93.525	3628.3

Sample Name: K1042-02 Acquired: 1/5/2019 0:30:36 Type: Unk
Method: P4-ICP2(v2700) 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	-.00030	.00048	.00003	.00295	-.00088	-.00784	.16557	-.00008
Stddev	.00253	.00081	.00020	.00123	.00139	.01252	.00074	.00003
%RSD	837.95	168.47	630.79	41.669	159.03	159.71	.44582	33.066

#1	-.00180	.00072	.00026	.00206	-.00116	-.01398	.16586	-.00006
#2	-.00173	.00116	-.00003	.00244	.00064	.00657	.16473	-.00011
#3	.00262	-.00042	-.00013	.00435	-.00211	-.01610	.16611	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	27.777	.00143	-.00032	-.00074	2.2478	.09117	2.9505
Stddev	.00003	.082	.00067	.00010	.00043	.0696	.00019	.0513
%RSD	17.061	.29417	46.629	31.190	58.178	3.0944	.21059	1.7391

#1	-.00017	27.686	.00212	-.00024	-.00081	2.1890	.09133	2.9762
#2	-.00018	27.800	.00137	-.00028	-.00028	2.2298	.09096	2.8914
#3	-.00023	27.845	.00079	-.00043	-.00113	2.3246	.09123	2.9839

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00067	29.283	.00028	.03863	3.7454	.00050	.08884
Stddev	.00027	.00049	.392	.00039	.00156	.0295	.00033	.00297
%RSD	124.52	72.848	1.3370	136.58	4.0381	.78880	64.909	3.3453

#1	-.00009	-.00116	28.924	-.00015	.03714	3.7599	.00086	.09217
#2	.00039	-.00065	29.225	.00041	.03848	3.7114	.00043	.08647
#3	.00036	-.00019	29.701	.00059	.04025	3.7649	.00022	.08786

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76700	2.5376	-.00171	.00131	.02933	.0057	.16078	2.5502
Stddev	.00544	.0258	.00055	.00153	.00231	.0006	.00035	.0719
%RSD	.70974	1.0175	32.198	116.96	7.8707	10.57	.21914	2.8178

#1	.76072	2.5081	-.00144	.00045	.02667	.0058	.16053	2.6099
#2	.76995	2.5484	-.00134	.00307	.03051	.0062	.16119	2.4705
#3	.77034	2.5562	-.00234	.00040	.03081	.0050	.16063	2.5702

Sample Name: K1042-02 Acquired: 1/5/2019 0:30:36 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .44779
 %RSD 63.929

#1 -.28373
 #2 -1.1739
 #3 -.64372

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3610.1	45939.	3965.8	91.688	3745.3
Stddev	21.6	83.	46.8	3.032	22.4
%RSD	.59970	.18070	1.1796	3.3067	.59776

#1	3634.8	45853.	4016.7	94.472	3770.9
#2	3594.6	46019.	3956.2	92.134	3729.3
#3	3600.8	45947.	3924.6	88.457	3735.7

Sample Name: K1043-02 Acquired: 1/5/2019 0:34:43 Type: Unk
Method: P4-ICP2(v2700) 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	.00013	-.00040	.00078	.00326	-.00023	-.01458	.17909	-.00012
Stddev	.00075	.00090	.00072	.00054	.00106	.00246	.00051	.00003
%RSD	601.75	224.52	93.114	16.615	464.50	16.846	.28334	25.730

#1	-.00001	-.00135	.00027	.00388	-.00098	-.01494	.17854	-.00009
#2	-.00055	-.00027	.00046	.00295	.00098	-.01196	.17953	-.00015
#3	.00094	.00043	.00161	.00294	-.00069	-.01683	.17920	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	42.125	-.00006	.00024	.00010	.00995	.36979	8.3943
Stddev	.00009	.344	.00035	.00018	.00012	.00566	.00052	.0125
%RSD	410.39	.81681	622.87	74.515	128.76	56.884	.14146	.14867

#1	-.00008	41.800	-.00027	.00036	.00003	.00798	.36956	8.4067
#2	.00008	42.485	-.00025	.00033	.00024	.01632	.37039	8.3817
#3	.00006	42.089	.00035	.00003	.00002	.00553	.36943	8.3944

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	-.00060	131.10	.00065	.03401	5.4793	.00096	.16139
Stddev	.00013	.00065	.35	.00007	.00013	.0320	.00016	.00928
%RSD	39.270	108.25	.26821	11.006	.39651	.58475	16.304	5.7490

#1	-.00037	.00012	131.32	.00073	.03394	5.5138	.00098	.15103
#2	-.00042	-.00079	131.28	.00058	.03393	5.4735	.00080	.16893
#3	-.00018	-.00113	130.69	.00065	.03417	5.4505	.00111	.16422

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45210	4.0060	-.00153	.00257	.03271	.0072	.23111	3.3358
Stddev	.00189	.0207	.00083	.00154	.00144	.0005	.00257	.1622
%RSD	.41827	.51628	54.565	59.875	4.4065	6.957	1.1113	4.8626

#1	.45037	4.0178	-.00060	.00433	.03288	.0077	.23364	3.2884
#2	.45182	3.9821	-.00223	.00154	.03406	.0067	.23117	3.5164
#3	.45412	4.0181	-.00176	.00183	.03120	.0073	.22851	3.2025

Sample Name: K1043-02 Acquired: 1/5/2019 0:34:43 Type: Unk
 Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .77488
 Stddev .39611
 %RSD 51.119

#1 .92196
 #2 .32626
 #3 1.0764

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3465.1	44062.	3902.3	89.810	3511.9
Stddev	8.4	111.	34.8	.508	3.8
%RSD	.24331	.25209	.89159	.56531	.10878

#1	3458.2	43943.	3894.2	89.980	3508.7
#2	3474.5	44078.	3872.3	90.211	3516.1
#3	3462.6	44164.	3940.4	89.239	3510.8

Sample Name: K1004-02DLX10 Acquired: 1/5/2019 0:38:50 Type: Unk
Method: P4-ICP2(v2700) 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	.00301	.00017	1.7026	.01226	-.01865	5.7929	.29194	.00038
Stddev	.00045	.00066	.0060	.00304	.00054	.0787	.00068	.00002
%RSD	14.988	375.65	.35314	24.769	2.8833	1.3580	.23350	4.8963
#1	.00274	-.00056	1.7037	.00973	-.01927	5.7888	.29230	.00037
#2	.00353	.00039	1.7079	.01143	-.01835	5.7163	.29236	.00036
#3	.00276	.00070	1.6960	.01563	-.01833	5.8735	.29115	.00040
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00424	23.310	1.5190	.02606	11.289	60.462	.37476	2.3430
Stddev	.00003	.049	.0165	.00026	.052	.489	.00329	.0111
%RSD	.67926	.20853	1.0884	.98874	.45834	.80809	.87900	.47334
#1	-.00425	23.265	1.5245	.02636	11.342	60.371	.37548	2.3429
#2	-.00425	23.361	1.5004	.02592	11.287	60.990	.37117	2.3541
#3	-.00420	23.303	1.5321	.02591	11.238	60.025	.37764	2.3320
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.403	-.00067	301.13	.01227	19.354	58.096	.00266	8.1760
Stddev	.110	.00023	3.30	.00060	.131	.495	.00026	.0359
%RSD	.46859	33.505	1.0964	4.8986	.67586	.85270	9.9541	.43858
#1	23.493	-.00093	303.57	.01293	19.383	58.432	.00265	8.1470
#2	23.436	-.00050	302.44	.01175	19.468	58.328	.00240	8.2161
#3	23.281	-.00059	297.37	.01213	19.211	57.527	.00293	8.1649
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 38.240	.52495	.04641	.10208	.01820	8.528	.03726	3.7810
Stddev	.164	.01138	.00040	.00058	.00143	.028	.00038	.3009
%RSD	.42845	2.1672	.86883	.56384	7.8625	.3264	1.0166	7.9569
#1	38.407	.53736	.04606	.10252	.01664	8.548	.03711	3.4883
#2	38.233	.52248	.04633	.10230	.01851	8.539	.03697	3.7655
#3	38.080	.51502	.04685	.10143	.01945	8.496	.03769	4.0894

Sample Name: K1004-02DLX10 Acquired: 1/5/2019 0:38:50 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.401
Stddev	.364
%RSD	3.4979

#1	10.371
#2	10.052
#3	10.778

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3497.9	43918.	3986.7	88.518	3356.0
Stddev	17.3	402.	41.0	.627	17.0
%RSD	.49378	.91500	1.0276	.70785	.50662

#1	3483.3	43862.	3961.2	88.424	3344.8
#2	3493.5	44345.	3964.9	87.944	3347.6
#3	3517.0	43548.	4034.0	89.186	3375.5

Sample Name: K1017-25DLX100 Acquired: 1/5/2019 0:42:55 Type: Unk
Method: P4-ICP2(v2700) 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	.01719	.00184	.94283	.02423	.00227	33.246	.46625
Stddev	.00231	.00075	.00251	.00262	.00089	.043	.00326
%RSD	13.413	40.839	.26667	10.811	39.260	.13014	.69934

#1	.01698	.00223	.94197	.02613	.00245	33.200	.46265
#2	.01500	.00097	.94086	.02124	.00305	33.285	.46901
#3	.01960	.00231	.94566	.02530	.00130	33.254	.46708

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00265	-.00362	29.538	.10779	.03591	.56112	123.83
Stddev	.00004	.00008	.193	.00059	.00013	.00209	.10
%RSD	1.5784	2.1171	.65321	.54767	.35493	.37287	.08336

#1	.00262	-.00356	29.315	.10733	.03605	.55905	123.78
#2	.00263	-.00359	29.653	.10846	.03584	.56323	123.76
#3	.00270	-.00370	29.645	.10758	.03583	.56109	123.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2074	12.017	.10298	-.00726	9.8488	.11209	.92591
Stddev	.0050	.145	.00085	.00053	.0976	.00069	.00743
%RSD	.15458	1.2039	.82229	7.3510	.99085	.61907	.80286

#1	3.2091	11.850	.10254	-.00762	9.7405	.11254	.93404
#2	3.2018	12.094	.10244	-.00751	9.9299	.11245	.91947
#3	3.2112	12.107	.10396	-.00664	9.8759	.11129	.92422

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3534	.00079	.13918	2.3103	2.2205	.05483	.31623
Stddev	.0155	.00023	.00942	.0032	.0288	.00047	.00217
%RSD	.46284	28.453	6.7664	.13892	1.2980	.86447	.68751

#1	3.3357	.00101	.14963	2.3138	2.1887	.05431	.31378
#2	3.3596	.00081	.13135	2.3097	2.2448	.05492	.31701
#3	3.3648	.00056	.13655	2.3075	2.2281	.05525	.31791

Sample Name: K1017-25DLX100 Acquired: 1/5/2019 0:42:55 Type: Unk
Method: P4-ICP2(v2700) 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	.05899	2.137	.04093	.70051	F<.00000
Stddev	.00125	.004	.00042	.40317	.44113
%RSD	2.1107	.2099	1.0274	57.553	4.6705

#1	.05943	2.140	.04094	1.1355	-9.8536
#2	.05759	2.132	.04135	.33936	-9.5044
#3	.05996	2.139	.04051	.62669	-8.9773

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3904.3	49282.	4292.4	92.182	3681.4
Stddev	25.7	216.	21.3	.725	12.7
%RSD	.65755	.43836	.49679	.78694	.34441

#1	3907.8	49040.	4316.2	91.431	3671.5
#2	3877.0	49454.	4275.2	92.878	3677.0
#3	3927.9	49353.	4285.7	92.236	3695.7

Sample Name: CCV15 Acquired: 1/5/2019 0:46:50 Type: Unk
Method: P4-ICP2(v2700) 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	4.8966	5.1098	4.6686	5.0284	4.8312	9.7091	10.510	.24102
Stddev	.0134	.0223	.0205	.0170	.0156	.0195	.137	.00032
%RSD	.27295	.43657	.44028	.33901	.32341	.20095	1.3016	.13134
#1	4.9063	5.1245	4.6747	5.0415	4.8432	9.7007	10.647	.24129
#2	4.8813	5.0841	4.6457	5.0091	4.8135	9.6952	10.508	.24110
#3	4.9020	5.1208	4.6854	5.0347	4.8368	9.7314	10.374	.24067
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4315	26.372	1.0095	2.3852	1.2881	5.4004	2.4379	25.021
Stddev	.0101	.199	.0030	.0085	.0035	.1424	.0048	.108
%RSD	.41733	.75474	.29666	.35609	.27046	2.6364	.19597	.43225
#1	2.4365	26.553	1.0127	2.3890	1.2902	5.2456	2.4379	25.138
#2	2.4198	26.405	1.0068	2.3755	1.2841	5.4297	2.4332	24.999
#3	2.4381	26.159	1.0090	2.3912	1.2901	5.5258	2.4428	24.925
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5757	1.2625	27.157	2.4886	2.4258	26.411	4.9783	5.4452
Stddev	.0124	.0018	.301	.0060	.0463	.277	.0161	.0250
%RSD	.48207	.13974	1.1080	.24134	1.9085	1.0475	.32412	.45901
#1	2.5819	1.2631	27.470	2.4906	2.3776	26.684	4.9890	5.4740
#2	2.5614	1.2605	27.129	2.4818	2.4301	26.418	4.9597	5.4299
#3	2.5837	1.2638	26.870	2.4933	2.4699	26.131	4.9861	5.4316
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7571	5.2652	4.9044	5.0954	5.3274	4.990	5.2060	F 3.2943
Stddev	.0274	.0306	.0230	.0172	.0514	.024	.0315	.0428
%RSD	.57600	.58131	.46861	.33786	.96407	.4719	.60578	1.2991
#1	4.7755	5.2968	4.9103	5.1143	5.3787	5.012	5.2348	3.3437
#2	4.7256	5.2631	4.8790	5.0807	5.3273	4.965	5.2110	3.2690
#3	4.7702	5.2357	4.9238	5.0912	5.2760	4.993	5.1723	3.2702

Sample Name: CCV15 Acquired: 1/5/2019 0:46:50 Type: Unk
Method: P4-ICP2(v2700) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.2193
Stddev .5260
%RSD 43.140

#1 1.2545
#2 1.7268
#3 .67656

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3600.4	45792.	4029.1	90.147	3533.2
Stddev	11.2	111.	45.8	1.608	14.1
%RSD	.31060	.24292	1.1362	1.7841	.40020

#1	3589.6	45666.	3984.7	91.858	3521.4
#2	3612.0	45831.	4026.5	89.916	3548.9
#3	3599.7	45878.	4076.1	88.667	3529.4

Sample Name: CCB15 Acquired: 1/5/2019 0:50:31 Type: Unk
Method: P4-ICP2(v2700) 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	.00124	.00204	.00087	.00166	.00121	.00259	.00312
Stddev	.00159	.00086	.00045	.00134	.00145	.00673	.00015
%RSD	128.65	41.972	51.743	80.330	119.31	260.23	4.8551

#1	.00295	.00131	.00120	.00012	.00106	.01036	.00297
#2	-.00019	.00298	.00105	.00242	.00274	-.00140	.00327
#3	.00095	.00183	.00036	.00245	-.00015	-.00120	.00312

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00001	.00906	.00004	-.00018	.00029	-.00306
Stddev	.00005	.00005	.01420	.00014	.00013	.00020	.00304
%RSD	159.74	686.75	156.80	324.99	74.502	71.336	99.556

#1	-.00001	.00005	.02252	.00020	-.00029	.00052	-.00613
#2	.00001	-.00004	.01043	-.00002	-.00003	.00019	-.00005
#3	-.00008	.00001	-.00578	-.00005	-.00022	.00014	-.00299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.03668	.00055	-.00037	-.02078	-.00021	.00091
Stddev	.00001	.00581	.00010	.00022	.01244	.00020	.00003
%RSD	28.625	15.846	17.605	57.955	59.854	96.031	3.5068

#1	-.00004	-.03811	.00062	-.00025	-.01834	.00001	.00088
#2	-.00002	-.03029	.00044	-.00024	-.00974	-.00024	.00091
#3	-.00002	-.04165	.00060	-.00062	-.03426	-.00038	.00094

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05384	.00043	.00771	-.00784	-.00071	-.00093	.00165
Stddev	.01549	.00008	.00433	.00227	.00123	.00050	.00132
%RSD	28.776	19.039	56.127	28.960	173.01	53.661	80.070

#1	.06882	.00053	.00681	-.00954	-.00212	-.00098	.00136
#2	.05480	.00038	.01242	-.00871	.00017	-.00041	.00050
#3	.03788	.00039	.00391	-.00526	-.00018	-.00141	.00310

Sample Name: CCB15 Acquired: 1/5/2019 0:50:31 Type: Unk
 Method: P4-ICP2(v2700) 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	.00093	F .0053	.00014	F 1.9643	F<.00000
Stddev	.00025	.0006	.00001	.3143	.71732
%RSD	26.970	10.40	9.3949	15.999	38.101
#1	.00075	.0047	.00013	2.2289	-2.2854
#2	.00082	.0054	.00015	2.0471	-2.3081
#3	.00122	.0058	.00014	1.6170	-1.0545
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3664.5	46920.	4002.3	93.997	3855.8
Stddev	8.6	238.	36.0	.503	9.9
%RSD	.23482	.50747	.90027	.53490	.25645
#1	3674.4	46752.	3963.7	94.467	3867.2
#2	3660.7	46816.	4008.2	93.467	3850.7
#3	3658.5	47193.	4035.1	94.058	3849.6