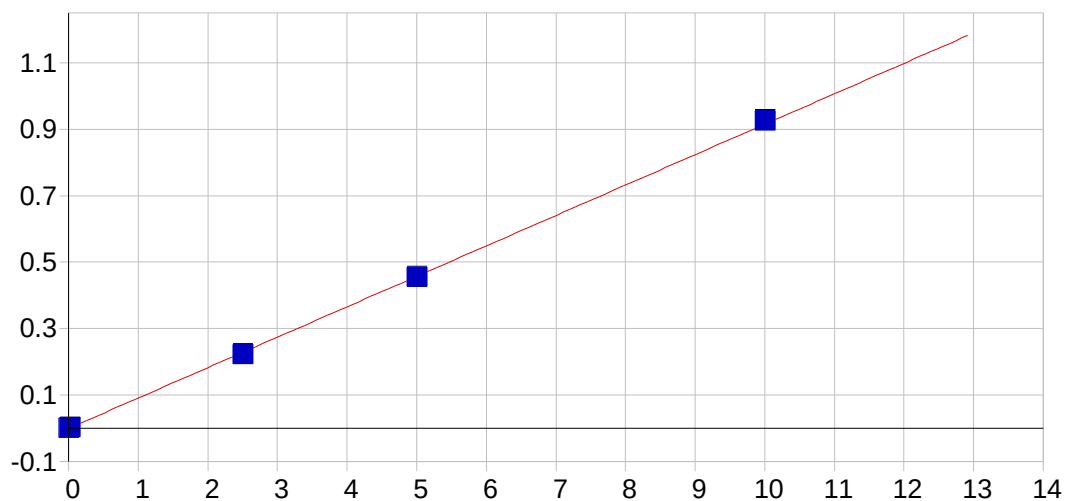


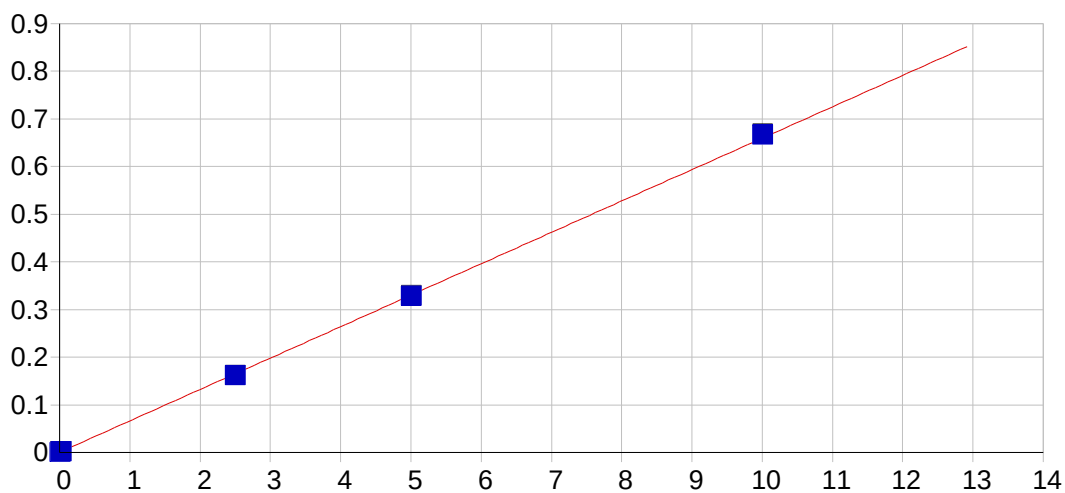


As 189.042 {478}

Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000489 Re-Slope: 1.000000
 A1 (Gain): 0.091561 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.002468
 Predicted MQL: 0.008228

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00049	.000	1
S1	.02000	.01997	-.000	-.169	.00134	.000	1
S3	2.5000	2.4327	-.067	-2.69	.22223	.001	1
S4	5.0000	4.9687	-.031	-.626	.45442	.001	1
S5	10.000	10.099	.099	.987	.92410	.004	1



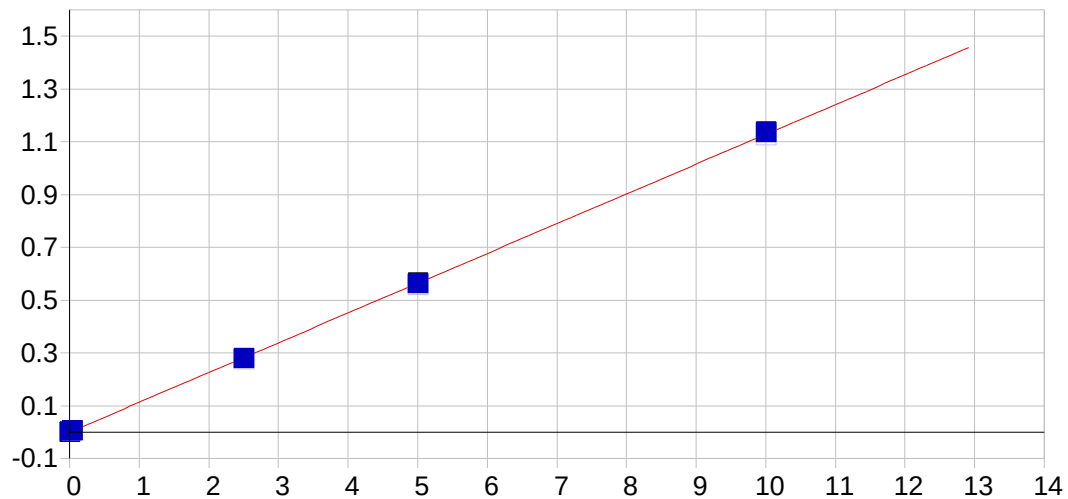
As 189.042 {479}

Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000441 Re-Slope: 1.000000

A1 (Gain): 0.065921 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.002206
 Predicted MQL: 0.007353

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00044	.000	1
S1	.02000	.01998	-.000	-.082	.00176	.000	1
S3	2.5000	2.4355	-.064	-2.58	.16099	.001	1
S4	5.0000	4.9664	-.034	-.672	.32784	.001	1
S5	10.000	10.098	.098	.981	.66612	.001	1

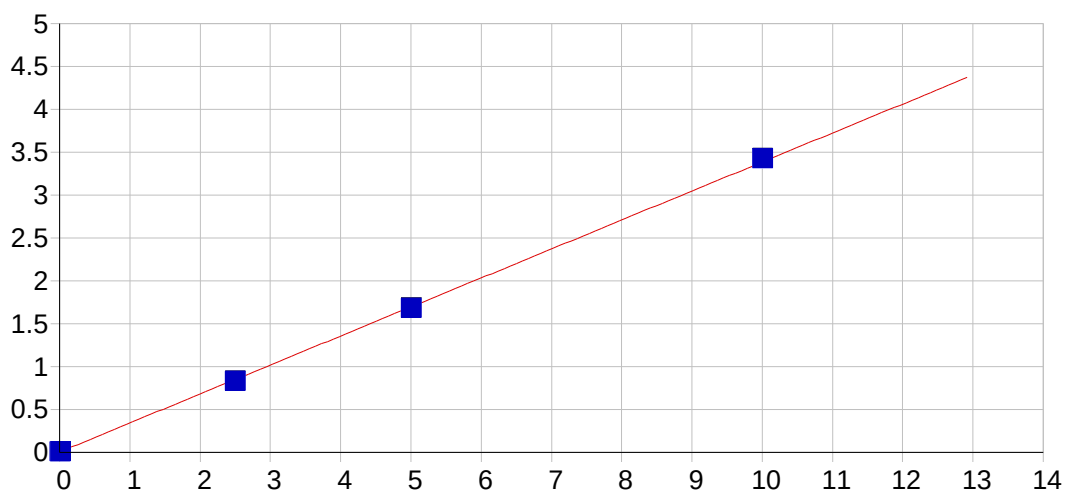


TI 190.856 {477}

Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000127 Re-Slope: 1.000000
 A1 (Gain): 0.112829 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999934 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.001514
 Predicted MQL: 0.005048

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00013	.000	1
S1	.04000	.04659	.007	16.5	.00501	.000	1
S3	2.5000	2.4576	-.042	-1.70	.27427	.001	1
S4	5.0000	4.9768	-.023	-.463	.55562	.002	1
S5	10.000	10.059	.059	.591	1.1233	.001	1

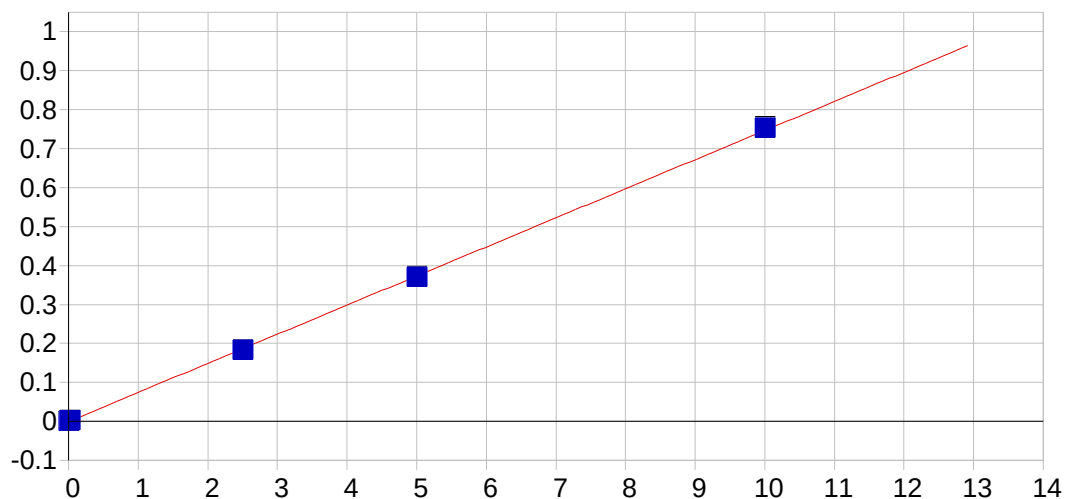


Pb 220.353 {453}

Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005219 Re-Slope: 1.000000
 A1 (Gain): 0.338063 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000092
 Predicted MDL: 0.000873
 Predicted MQL: 0.002909

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00522	.000	1
S1	.01200	.01327	.001	10.6	.00963	.000	1
S3	2.5000	2.4345	-.066	-2.62	.82705	.003	1
S4	5.0000	4.9487	-.051	-1.03	1.6759	.008	1
S5	10.000	10.116	.116	1.16	3.4203	.001	1



Se 196.090 {472}

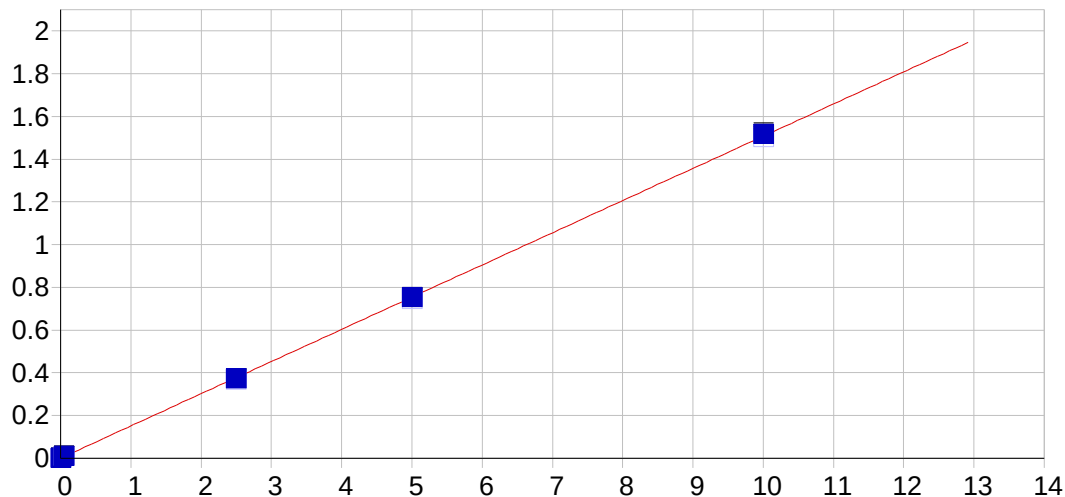
Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000500 Re-Slope: 1.000000
 A1 (Gain): 0.074707 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936
 Std Error of Est: 0.000020
 Predicted MDL: 0.002802
 Predicted MQL: 0.009339

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00050	.000	1
S1	.02000	.02133	.001	6.63	.00109	.000	1
S3	2.5000	2.4452	-.055	-2.19	.18215	.000	1
S4	5.0000	4.9673	-.033	-.655	.37054	.001	1
S5	10.000	10.086	.086	.863	.75292	.003	1



Sb 206.833 {463}

Date of Fit: 1/25/2019 11:01:05

Type of Fit: Linear

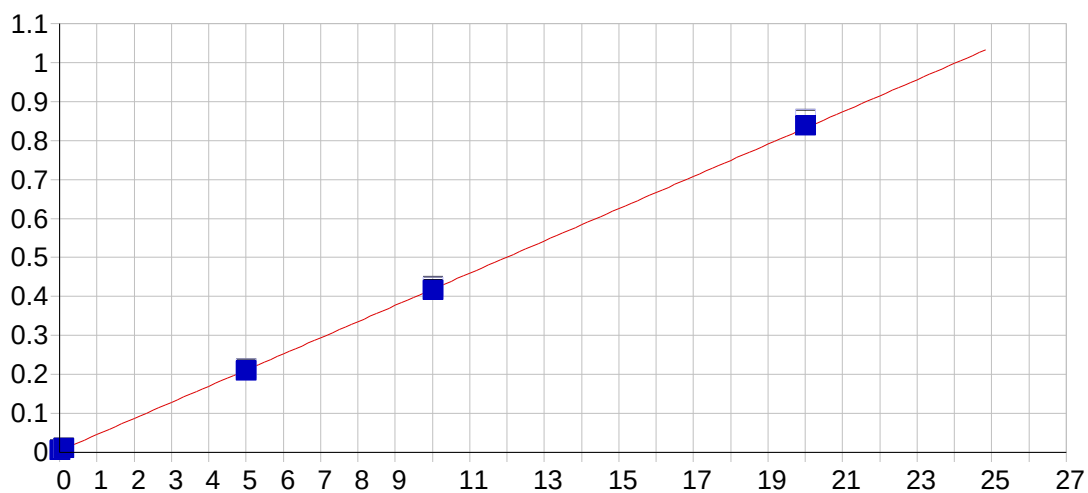
Weighting: 1/Conc

A0 (Offset): 0.000969
 A1 (Gain): 0.150674
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932
 Std Error of Est: 0.000066
 Predicted MDL: 0.001697
 Predicted MQL: 0.005656

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	.00097	.000	1
S1	.05000	.05718	.007	14.4	.00940	.000	1
S3	2.5000	2.4540	-.046	-1.84	.36649	.001	1
S4	5.0000	4.9789	-.021	-.422	.74269	.002	1
S5	10.000	10.060	.060	.600	1.4998	.005	1

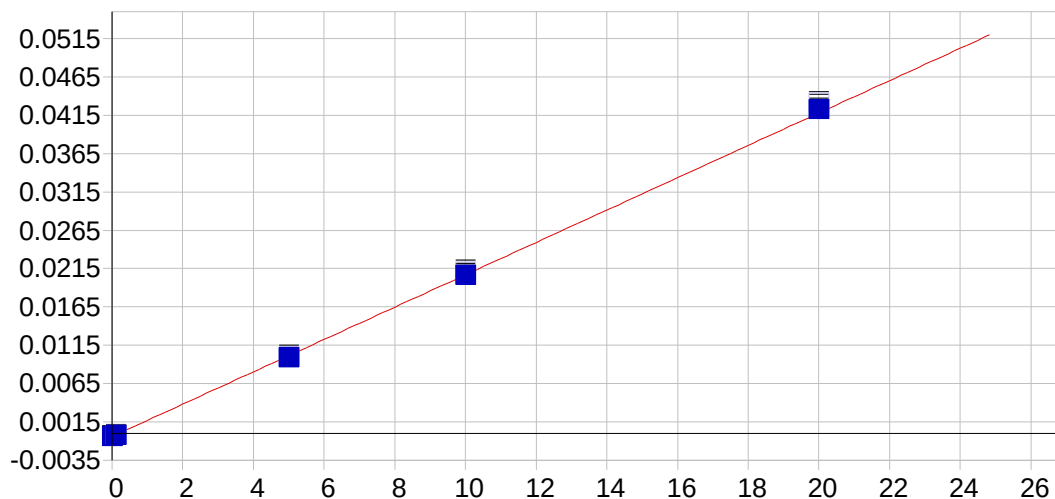


AI 308.215 {109}

Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004249 Re-Slope: 1.000000
 A1 (Gain): 0.041395 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.002976
 Predicted MQL: 0.009921

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00425	.000	1
S1	.10000	.11592	.016	15.9	.00933	.000	1
S3	5.0000	4.9365	-.063	-1.27	.21272	.001	1
S4	10.000	9.9411	-.059	-.589	.42400	.001	1
S5	20.000	20.106	.106	.528	.85300	.001	1



AI 309.271 {109}

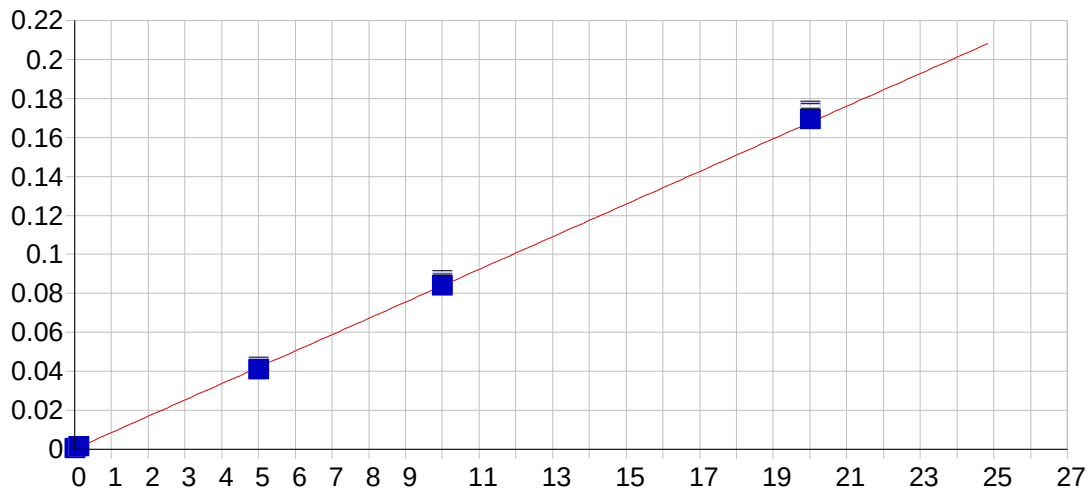
Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000404 Re-Slope: 1.000000
 A1 (Gain): 0.002110 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865
 Std Error of Est: 0.000003
 Predicted MDL: 0.032794
 Predicted MQL: 0.109315

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00040	.000	1
S1	.10000	.08160	-.018	-18.4	-.00022	.000	1
S3	5.0000	4.8529	-.147	-2.94	.01004	.000	1
S4	10.000	9.9659	-.034	-.341	.02104	.000	1
S5	20.000	20.201	.201	1.00	.04305	.000	1



Date of Fit: 1/25/2019 11:01:05

Type of Fit: Linear

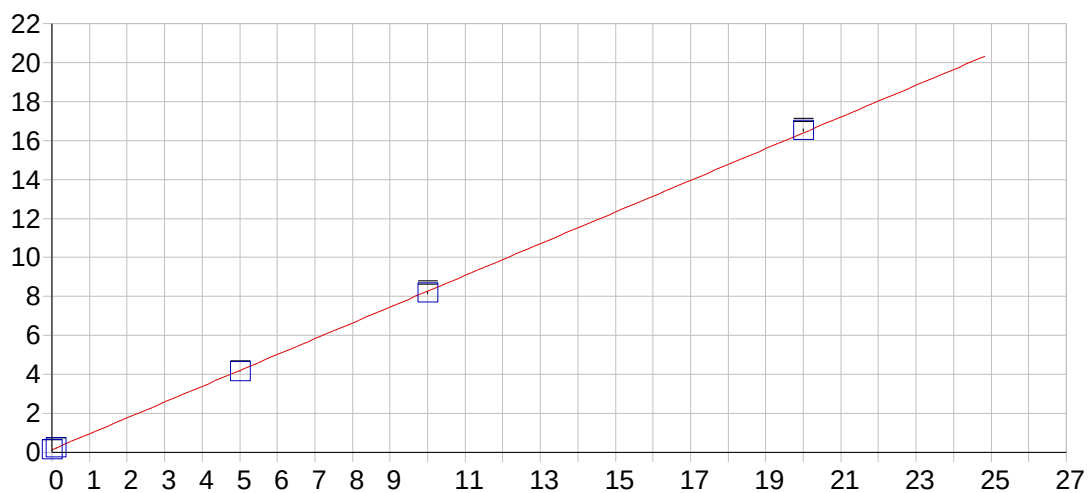
Weighting: 1/Conc

A0 (Offset): 0.000216
 A1 (Gain): 0.008374
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999862
 Std Error of Est: 0.000011
 Predicted MDL: 0.014131
 Predicted MQL: 0.047102

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	.00022	.000	1
S1	.10000	.11633	.016	16.3	.00125	.000	1
S3	5.0000	4.8326	-.167	-3.35	.04152	.000	1
S4	10.000	9.9659	-.034	-.341	.08534	.001	1
S5	20.000	20.184	.184	.922	.17257	.001	1

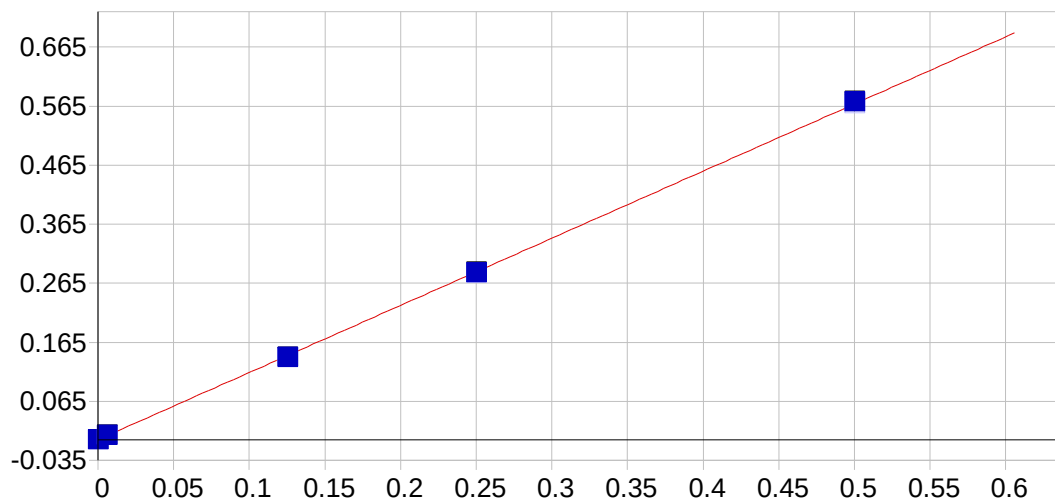


Ba 493.409 { 68}

Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.139775 Re-Slope: 1.000000
 A1 (Gain): 0.812794 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000776
 Predicted MDL: 0.004699
 Predicted MQL: 0.015665

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.13977	.005	1
S1	.10000	.11438	.014	14.4	.23274	.001	1
S3	5.0000	4.9272	-.073	-1.46	4.1446	.020	1
S5	20.000	20.161	.161	.804	16.526	.076	1
S4	10.000	9.8976	-.102	-1.02	8.1845	.084	1



Be 234.861 {144}

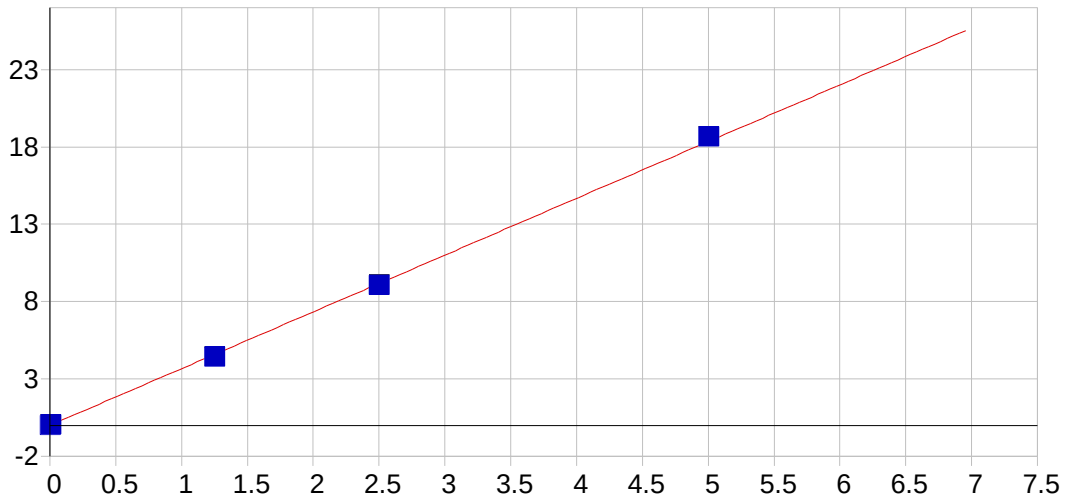
Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000004 Re-Slope: 1.000000
 A1 (Gain): 1.137311 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937
 Std Error of Est: 0.000037
 Predicted MDL: 0.000067
 Predicted MQL: 0.000223

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00000	.000	1
S1	.00600	.00639	.000	6.48	.00720	.000	1
S3	.12500	.12245	-.003	-2.04	.13837	.001	1
S4	.25000	.24868	-.001	-.530	.28104	.001	1
S5	.50000	.50349	.003	.698	.56905	.001	1



Cd 226.502 {449}

Date of Fit: 1/25/2019 11:01:05

Type of Fit: Linear

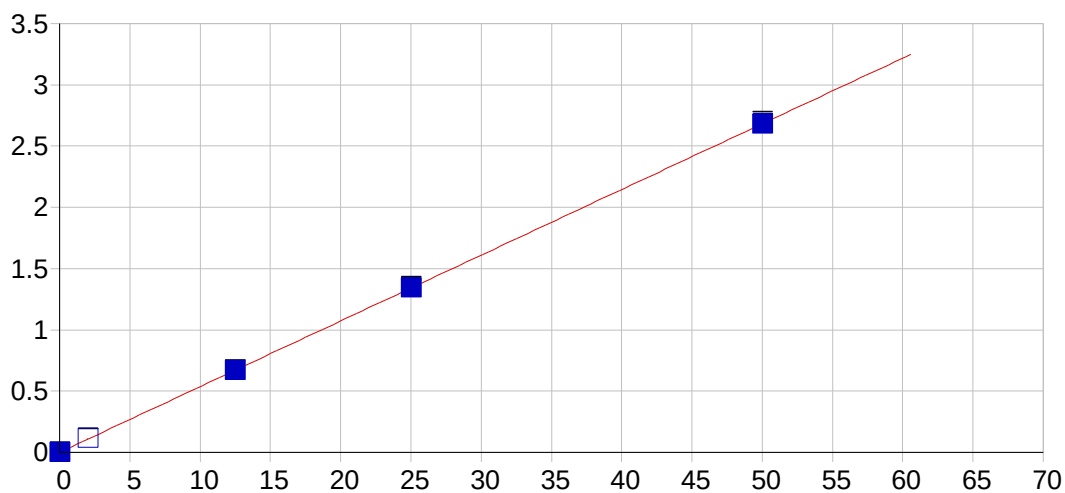
Weighting: 1/Conc

A0 (Offset): -0.001807
 A1 (Gain): 3.668857
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999793
 Std Error of Est: 0.000698
 Predicted MDL: 0.000083
 Predicted MQL: 0.000278

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	-.00181	.000	1
S1	.00600	.00600	-.000	-.047	.02024	.000	1
S3	1.2500	1.2001	-.050	-3.99	4.4023	.013	1
S4	2.5000	2.4701	-.030	-1.20	9.0626	.036	1
S5	5.0000	5.0798	.080	1.60	18.640	.003	1

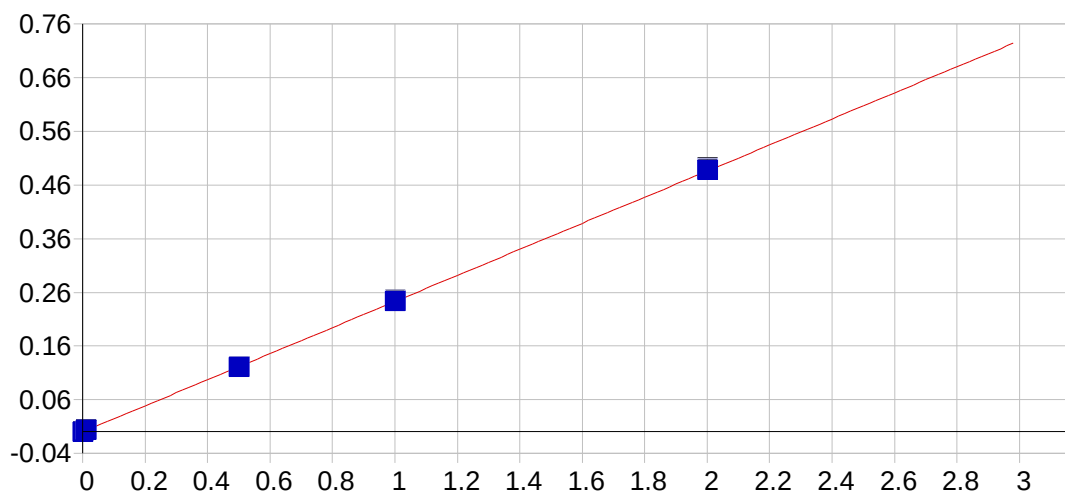


Ca 373.690 { 90}

Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000467 Re-Slope: 1.000000
 A1 (Gain): 0.053633 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: OK.
 Std Error of Est: 0.000213
 Predicted MDL: 0.017910
 Predicted MQL: 0.059700

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0956	.096	4.78	.11286	.001	1
S0	.00000	-.00009	-.000	.000	.00046	.000	1
S3	12.500	12.467	-.033	-.262	.66948	.007	1
S4	25.000	24.996	-.004	-.018	1.3418	.012	1
S5	50.000	49.942	-.058	-.117	2.6804	.018	1



Cr 267.716 {126}

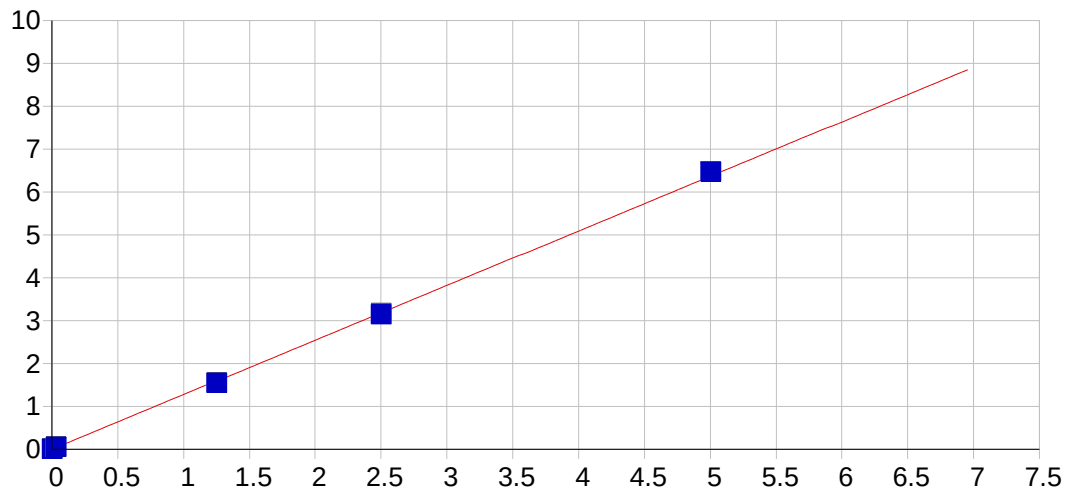
Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000166 Re-Slope: 1.000000
 A1 (Gain): 0.243130 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976
 Std Error of Est: 0.000013
 Predicted MDL: 0.000409
 Predicted MQL: 0.001365

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.01000	.01104	.001	10.4	.00253	.000	1
S3	.50000	.49492	-.005	-1.02	.12107	.000	1
S4	1.0000	.99934	-.001	-.066	.24462	.000	1
S5	2.0000	2.0047	.005	.235	.49087	.001	1

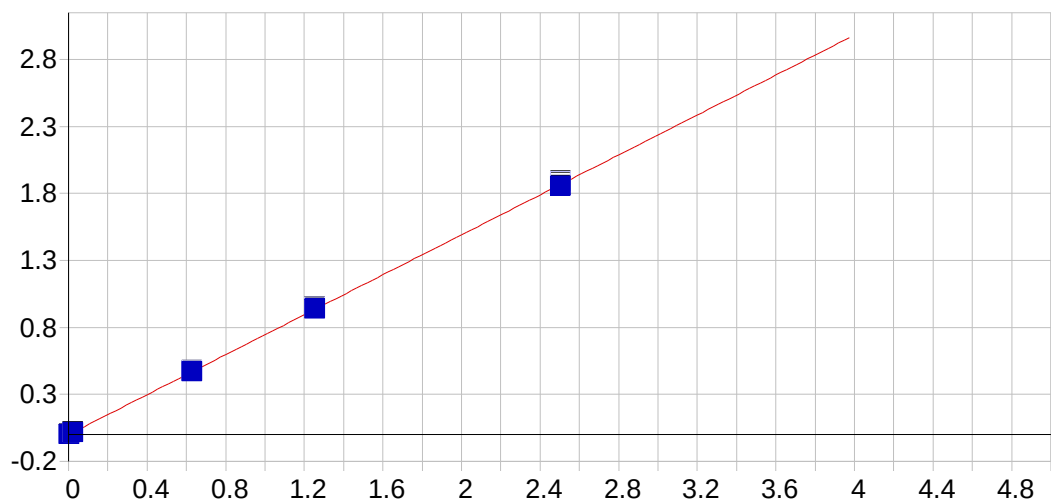


Co 228.616 {447}

Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000486 Re-Slope: 1.000000
 A1 (Gain): 1.272937 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999801 Status: OK.
 Std Error of Est: 0.000533
 Predicted MDL: 0.000220
 Predicted MQL: 0.000734

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00048	.000	1
S1	.03000	.03411	.004	13.7	.04365	.000	1
S3	1.2500	1.2067	-.043	-3.46	1.5378	.004	1
S4	2.5000	2.4677	-.032	-1.29	3.1442	.016	1
S5	5.0000	5.0716	.072	1.43	6.4612	.002	1

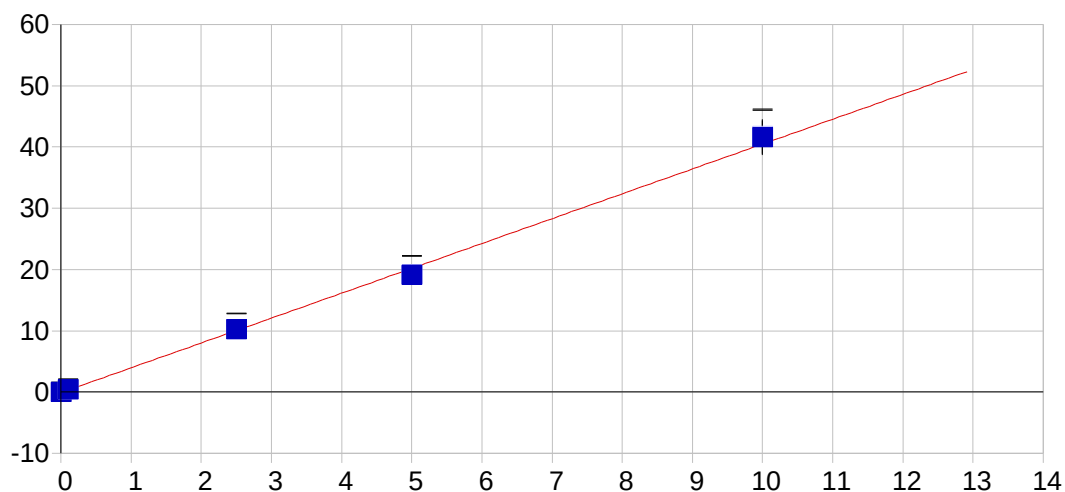


Cu 224.700 {450}

Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000185 Re-Slope: 1.000000
 A1 (Gain): 0.745682 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.000469
 Predicted MQL: 0.001564

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00018	.000	1
S1	.02000	.02274	.003	13.7	.01737	.000	1
S3	.62500	.62846	.003	.554	.47635	.001	1
S4	1.2500	1.2539	.004	.310	.95024	.001	1
S5	2.5000	2.4899	-.010	-.403	1.8870	.004	1



Fe 240.488 {140}

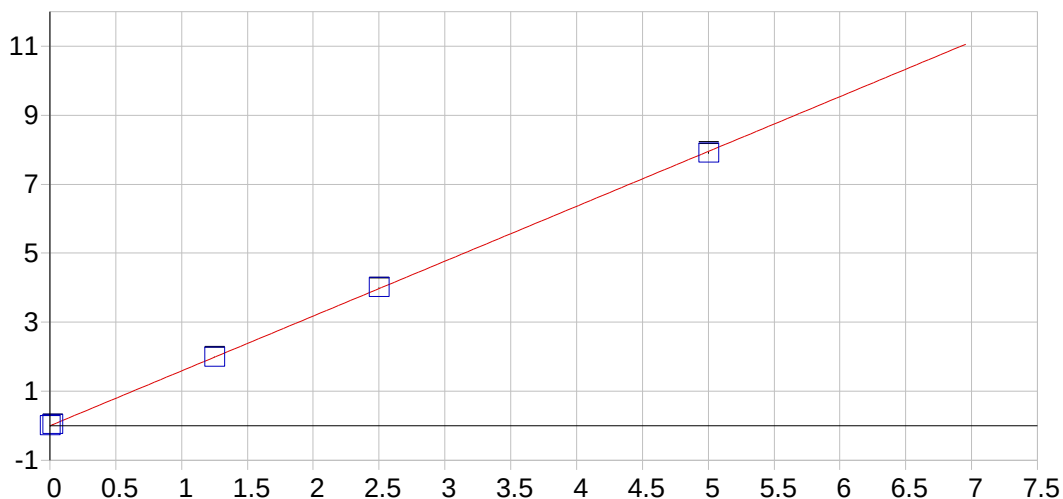
Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.100645 Re-Slope: 1.000000
 A1 (Gain): 4.058345 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999350
 Std Error of Est: 0.007967
 Predicted MDL: 0.014290
 Predicted MQL: 0.047632

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.10068	.032	1
S1	.10000	.11059	.011	10.6	.35014	.057	1
S3	2.5000	2.5240	.024	.959	10.194	.977	1
S4	5.0000	4.7194	-.281	-5.61	19.154	1.45	1
S5	10.000	10.246	.246	2.46	41.685	2.83	1



Date of Fit: 1/25/2019 11:01:05

Type of Fit: Linear

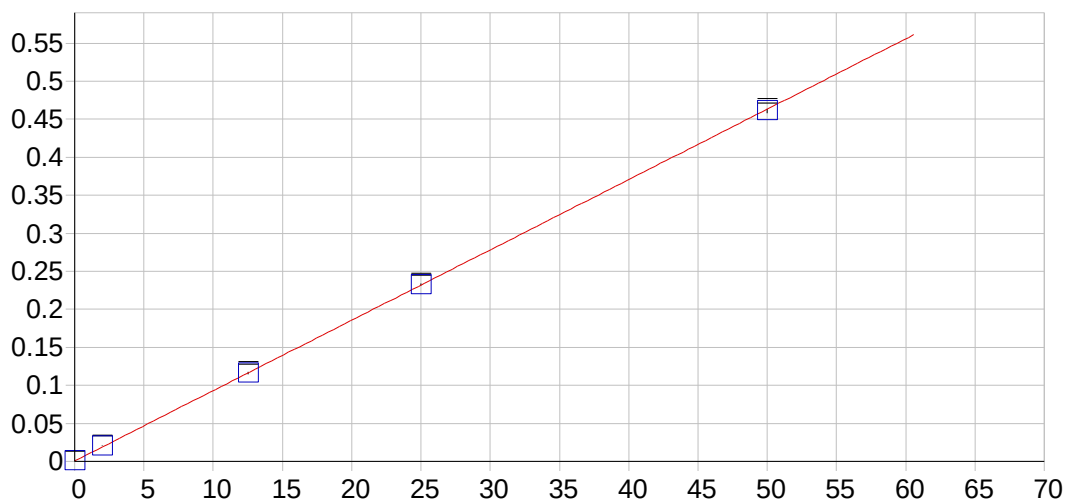
Weighting: 1/Conc

A0 (Offset): 0.000080
 A1 (Gain): 1.589410
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951
 Std Error of Est: 0.000268
 Predicted MDL: 0.000060
 Predicted MQL: 0.000199

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	.00007	.000	1
S1	.02000	.02348	.003	17.4	.03741	.000	1
S3	1.2500	1.2547	.005	.378	1.9943	.003	1
S4	2.5000	2.5163	.016	.653	3.9995	.008	1
S5	5.0000	4.9755	-.025	-.491	7.9081	.031	1

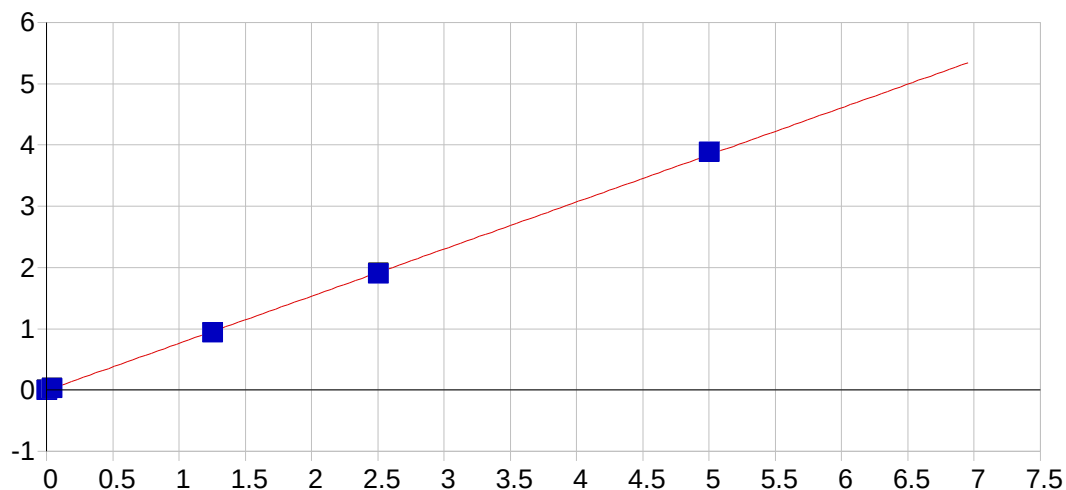


Mg 279.079 {121}

Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000515 Re-Slope: 1.000000
 A1 (Gain): 0.009254 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.045947
 Predicted MQL: 0.153156

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1688	.169	8.44	.02058	.000	1
S0	.00000	-.00016	-.000	.000	.00051	.000	1
S3	12.500	12.481	-.019	-.148	.11602	.001	1
S4	25.000	25.086	.086	.344	.23266	.002	1
S5	50.000	49.764	-.236	-.473	.46101	.003	1



Ni 231.604 {445}

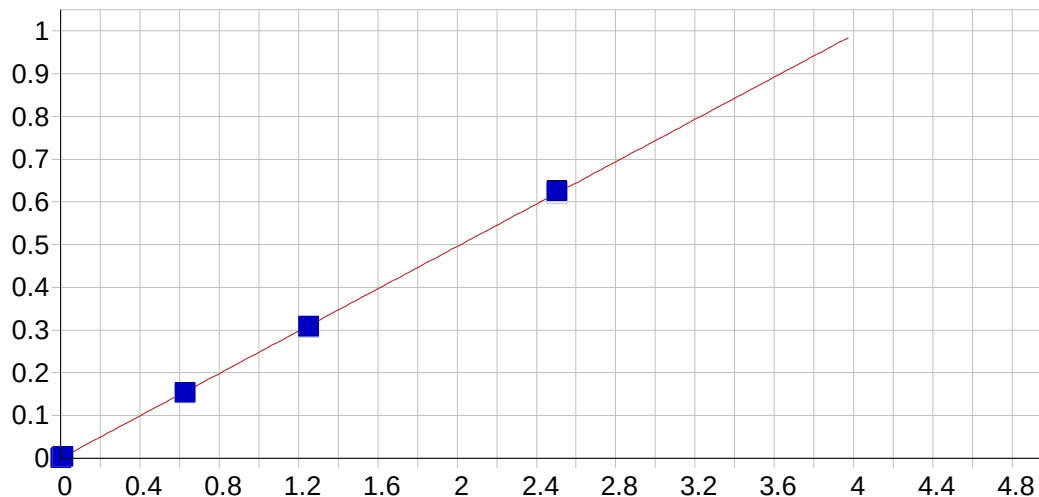
Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006606 Re-Slope: 1.000000
 A1 (Gain): 0.769168 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999859
 Std Error of Est: 0.000313
 Predicted MDL: 0.000387
 Predicted MQL: 0.001291

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00661	.000	1
S1	.04000	.04507	.005	12.7	.02808	.000	1
S3	1.2500	1.2162	-.034	-2.70	.92992	.004	1
S4	2.5000	2.4725	-.027	-1.10	1.8973	.007	1
S5	5.0000	5.0562	.056	1.12	3.8866	.003	1



Ag 328.068 {103}

Date of Fit: 1/25/2019 11:01:05

Type of Fit: Linear

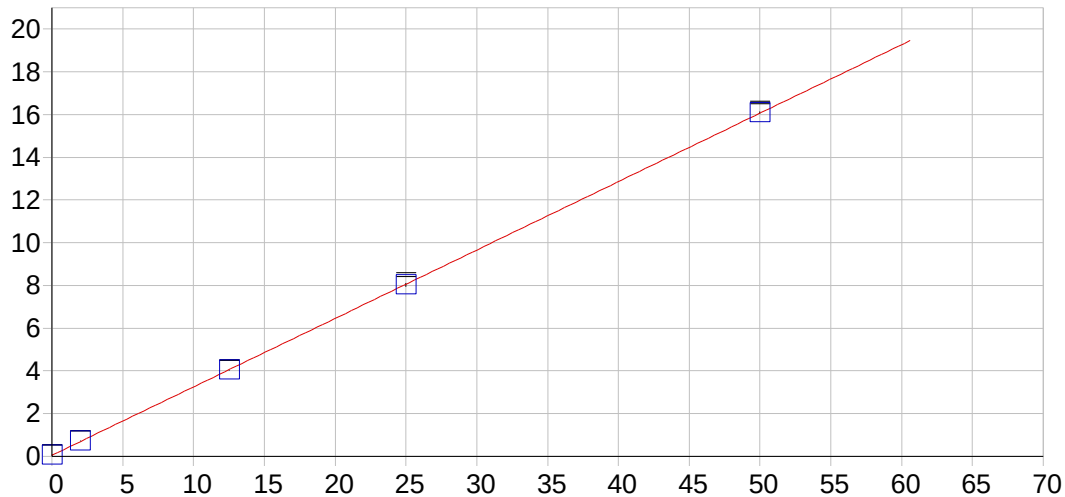
Weighting: 1/Conc

A0 (Offset): 0.000187
 A1 (Gain): 0.247793
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945
 Std Error of Est: 0.000022
 Predicted MDL: 0.000601
 Predicted MQL: 0.002003

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	.01073	.001	7.31	.00280	.000	1
S3	.62500	.61459	-.010	-1.67	.15072	.000	1
S4	1.2500	1.2396	-.010	-.829	.30385	.001	1
S5	2.5000	2.5200	.020	.802	.61761	.001	1

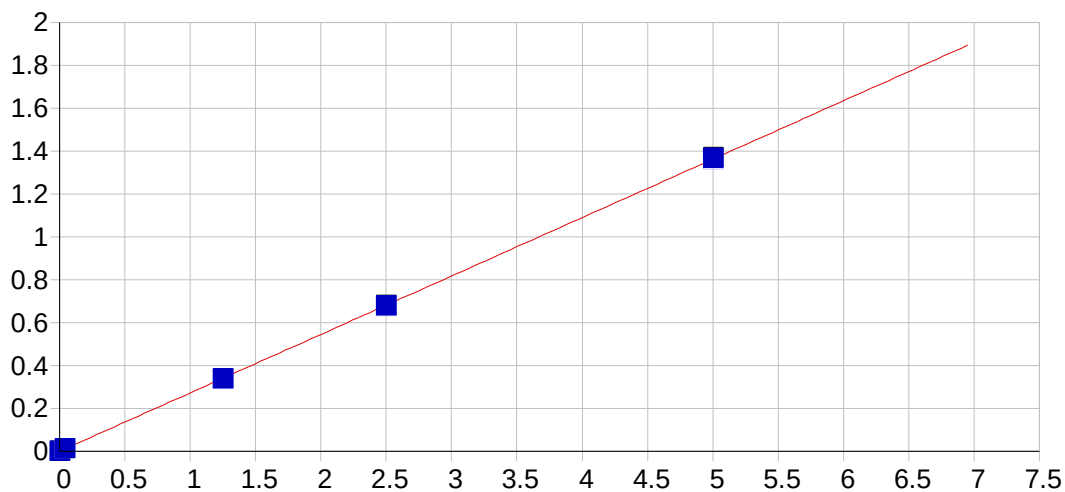


Na 589.592 { 57}

Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.052447 Re-Slope: 1.000000
 A1 (Gain): 0.320290 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.001280
 Predicted MDL: 0.010327
 Predicted MQL: 0.034422

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0900	.090	4.50	.72185	.006	1
S0	.00000	-.00008	-.000	.000	.05242	.001	1
S3	12.500	12.436	-.064	-.510	4.0356	.013	1
S4	25.000	24.909	-.091	-.364	8.0305	.095	1
S5	50.000	50.065	.065	.130	16.088	.071	1



V 292.402 {115}

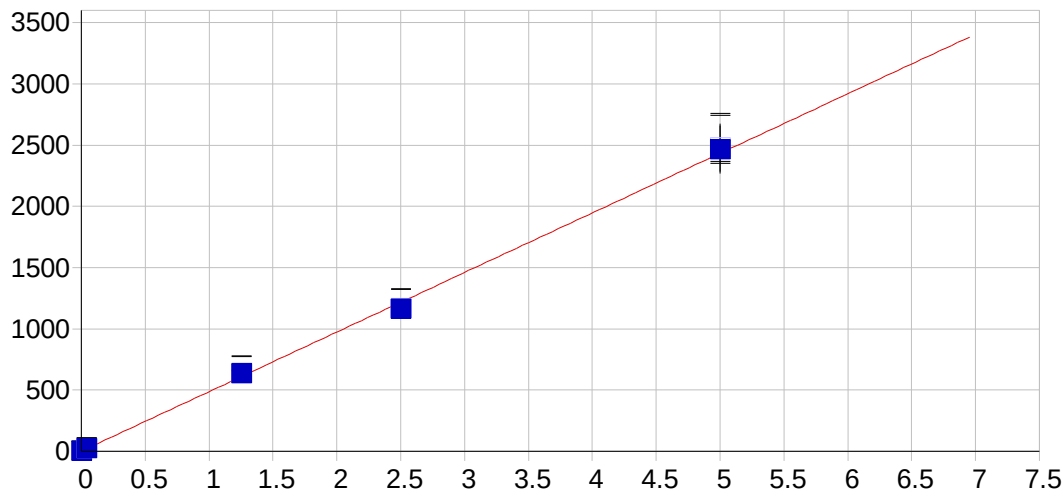
Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000067 Re-Slope: 1.000000
 A1 (Gain): 0.272493 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929
 Std Error of Est: 0.000078
 Predicted MDL: 0.000457
 Predicted MQL: 0.001522

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00007	.000	1
S1	.04000	.04593	.006	14.8	.01241	.000	1
S3	1.2500	1.2334	-.017	-1.33	.33394	.001	1
S4	2.5000	2.4901	-.010	-.397	.67414	.001	1
S5	5.0000	5.0206	.021	.412	1.3592	.002	1



Zn 206.200 {163}

Date of Fit: 1/25/2019 11:01:05

Type of Fit: Linear

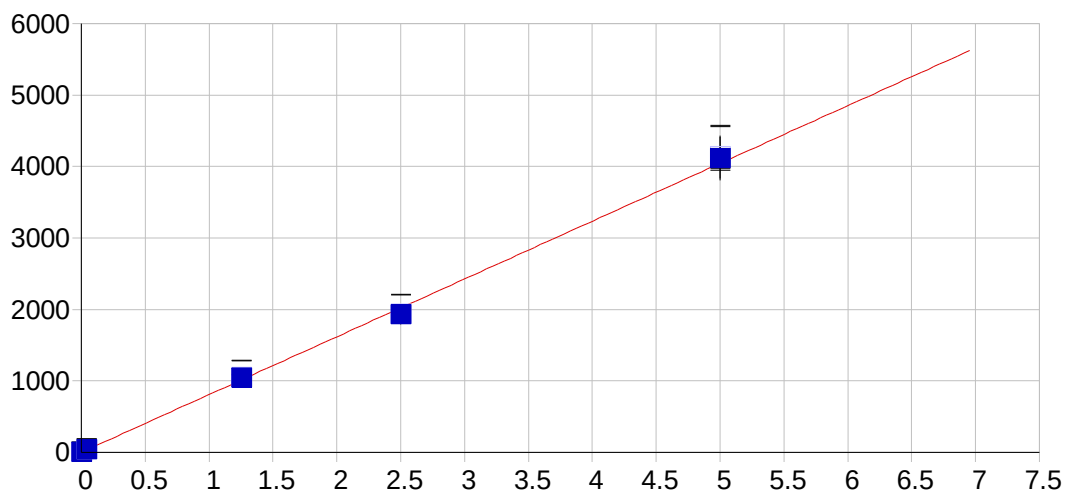
Weighting: 1/Conc

A0 (Offset): 0.834959
 A1 (Gain): 486.394949
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999518
 Std Error of Est: 0.367834
 Predicted MDL: 0.000180
 Predicted MQL: 0.000601

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	.83261	.147	1
S1	.04000	.04463	.005	11.6	22.670	2.90	1
S3	1.2500	1.2985	.048	3.88	636.08	57.9	1
S4	2.5000	2.3840	-.116	-4.64	1167.8	76.3	1
S5	5.0000	5.0629	.063	1.26	2478.1	196.	1

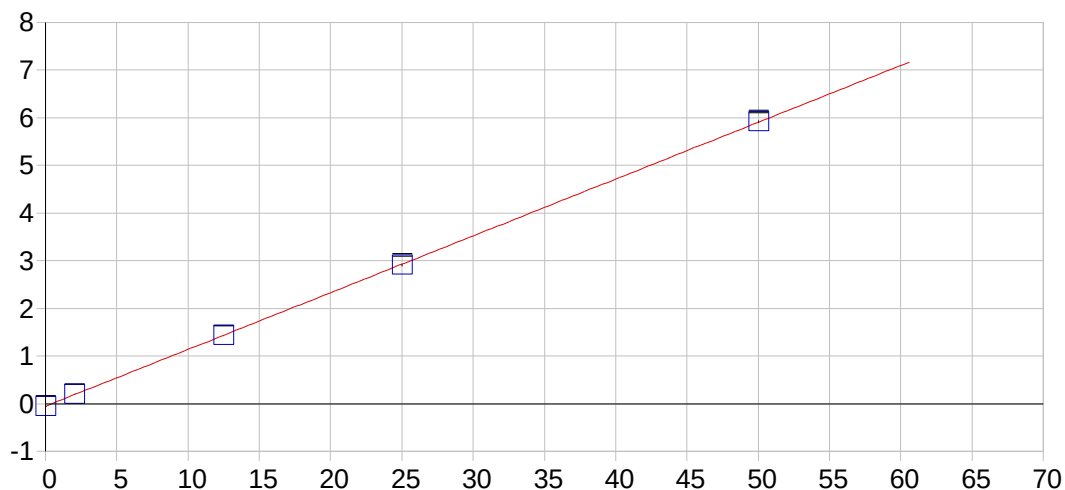


Zn 213.856 {458}

Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.973134 Re-Slope: 1.000000
 A1 (Gain): 808.548912 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999512 Status: OK.
 Std Error of Est: 0.615198
 Predicted MDL: 0.000048
 Predicted MQL: 0.000159

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.97005	.240	1
S1	.04000	.04399	.004	9.97	36.752	4.71	1
S3	1.2500	1.2848	.035	2.78	1045.9	97.7	1
S4	2.5000	2.3781	-.122	-4.88	1936.0	132.	1
S5	5.0000	5.0831	.083	1.66	4135.4	301.	1



K 766.490 {44}

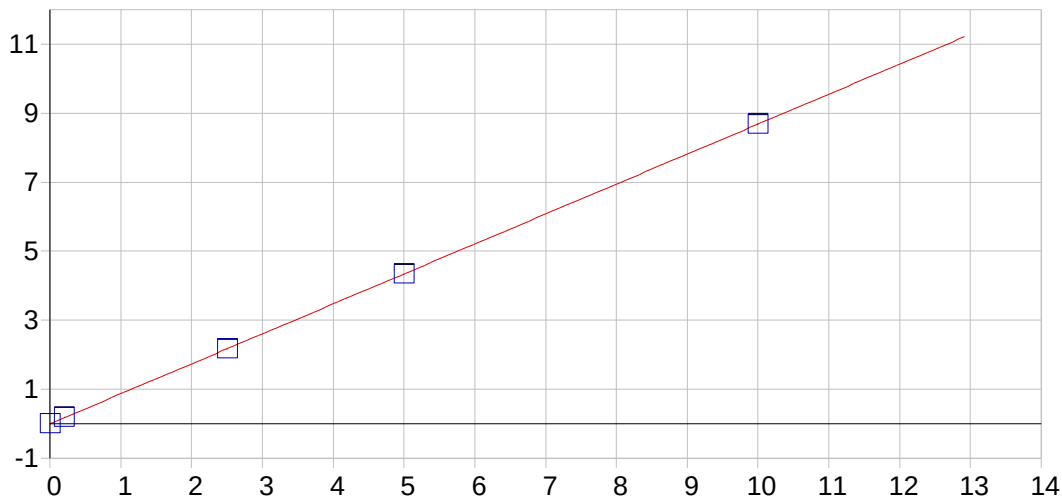
Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.053337 Re-Slope: 1.000000
 A1 (Gain): 0.119165 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999979
 Std Error of Est: 0.000419
 Predicted MDL: 0.033767
 Predicted MQL: 0.112556

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0771	.077	3.85	.19418	.002	1
S0	.00000	-.00006	-.000	.000	-.05335	.002	1
S3	12.500	12.454	-.046	-.372	1.4307	.007	1
S4	25.000	24.894	-.106	-.424	2.9132	.029	1
S5	50.000	50.075	.075	.151	5.9139	.026	1



Mo 202.030 {467}

Date of Fit: 1/25/2019 11:01:05

Type of Fit: Linear

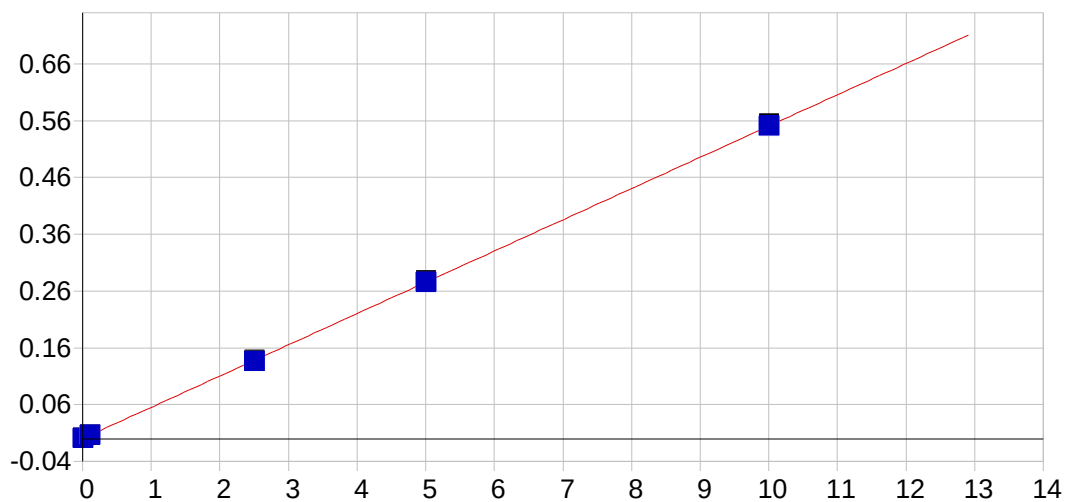
Weighting: 1/Conc

A0 (Offset): -0.000020
 A1 (Gain): 0.868342
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947
 Std Error of Est: 0.000688
 Predicted MDL: 0.000270
 Predicted MQL: 0.000899

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	-.00004	.000	1
S1	.20000	.21920	.019	9.60	.19032	.000	1
S3	2.5000	2.4907	-.009	-.373	2.1627	.006	1
S4	5.0000	4.9948	-.005	-.104	4.3372	.010	1
S5	10.000	9.9953	-.005	-.047	8.6793	.013	1

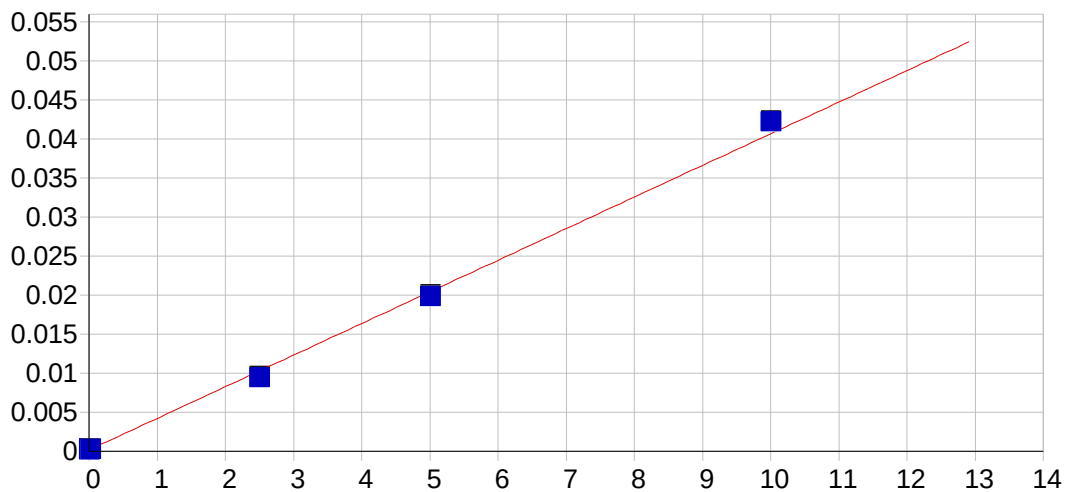


B 249.678 {135}

Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000208 Re-Slope: 1.000000
 A1 (Gain): 0.055029 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.007535
 Predicted MQL: 0.025118

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00021	.000	1
S1	.10000	.11298	.013	13.0	.00640	.000	1
S3	2.5000	2.4731	-.027	-1.08	.13598	.001	1
S4	5.0000	5.0034	.003	.067	.27489	.002	1
S5	10.000	10.011	.011	.106	.54980	.003	1



S 182.034 {485}

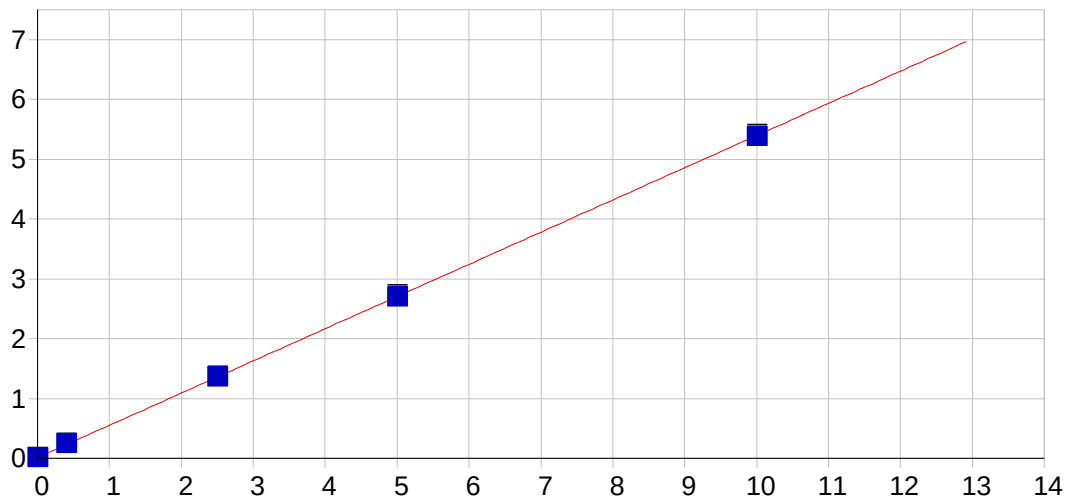
Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000171 Re-Slope: 1.000000
 A1 (Gain): 0.004050 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998836
 Std Error of Est: 0.000005
 Predicted MDL: 0.024582
 Predicted MQL: 0.081942

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00017	.000	1
S1	.02000	.01282	-.007	-35.9	.00022	.000	1
S3	2.5000	2.2807	-.219	-8.77	.00940	.000	1
S4	5.0000	4.8478	-.152	-3.04	.01978	.000	1
S5	10.000	10.378	.378	3.78	.04216	.000	1



Si 288.158 {117}

Date of Fit: 1/25/2019 11:01:05

Type of Fit: Linear

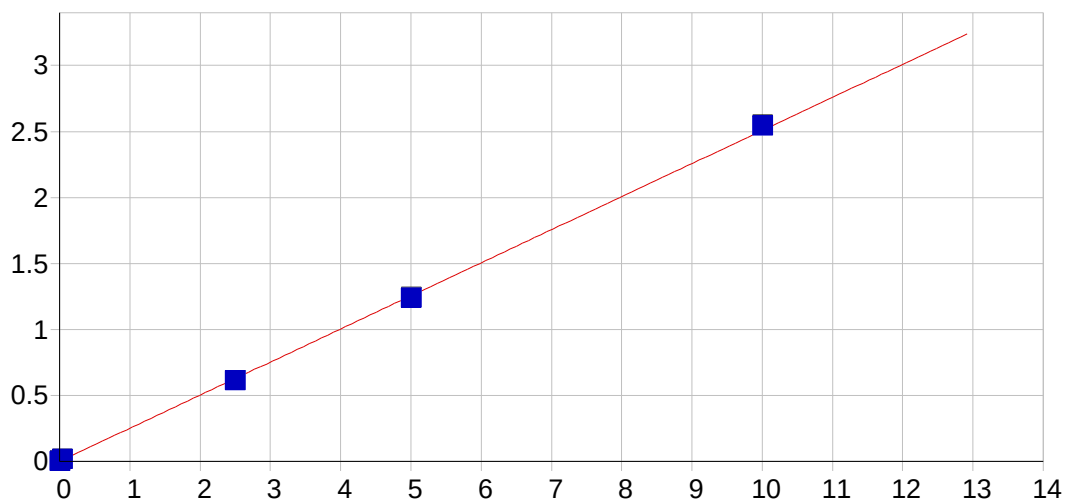
Weighting: 1/Conc

A0 (Offset): 0.013912
 A1 (Gain): 0.538176
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935
 Std Error of Est: 0.000671
 Predicted MDL: 0.002483
 Predicted MQL: 0.008276

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.01390	.001	1
S1	.40000	.43021	.030	7.55	.24526	.002	1
S3	2.5000	2.4948	-.005	-.207	1.3558	.009	1
S4	5.0000	4.9926	-.007	-.148	2.6994	.029	1
S5	10.000	9.9824	-.018	-.176	5.3833	.023	1

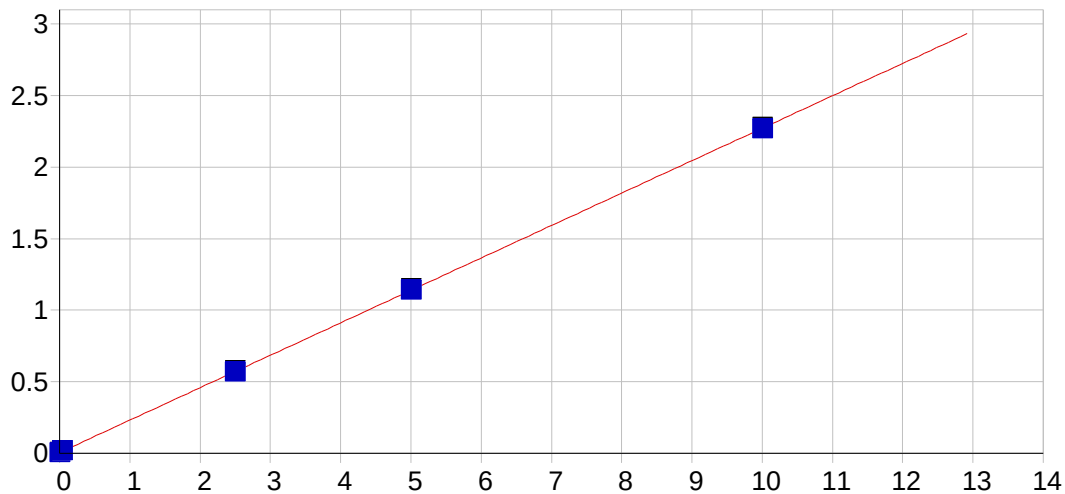


Sn 189.989 {477}

Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000912 Re-Slope: 1.000000
 A1 (Gain): 0.250687 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844 Status: OK.
 Std Error of Est: 0.000151
 Predicted MDL: 0.000614
 Predicted MQL: 0.002045

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00091	.000	1
S1	.04000	.04525	.005	13.1	.01225	.000	1
S3	2.5000	2.4256	-.074	-2.98	.60908	.001	1
S4	5.0000	4.9364	-.064	-1.27	1.2386	.003	1
S5	10.000	10.133	.133	1.33	2.5415	.004	1



Ti 336.121 {100}

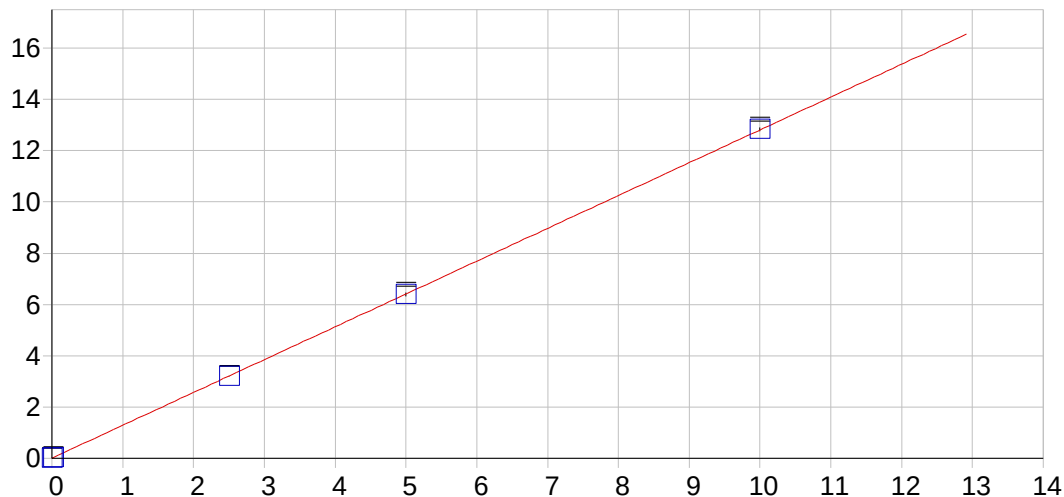
Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005367 Re-Slope: 1.000000
 A1 (Gain): 0.226678 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933
 Std Error of Est: 0.000090
 Predicted MDL: 0.003059
 Predicted MQL: 0.010197

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00537	.000	1
S1	.04000	.04933	.009	23.3	.01654	.001	1
S3	2.5000	2.4836	-.016	-.655	.56828	.007	1
S4	5.0000	5.0166	.017	.333	1.1424	.007	1
S5	10.000	9.9904	-.010	-.096	2.2697	.006	1



Li 670.784 { 50}

Date of Fit: 1/25/2019 11:01:05

Type of Fit: Linear

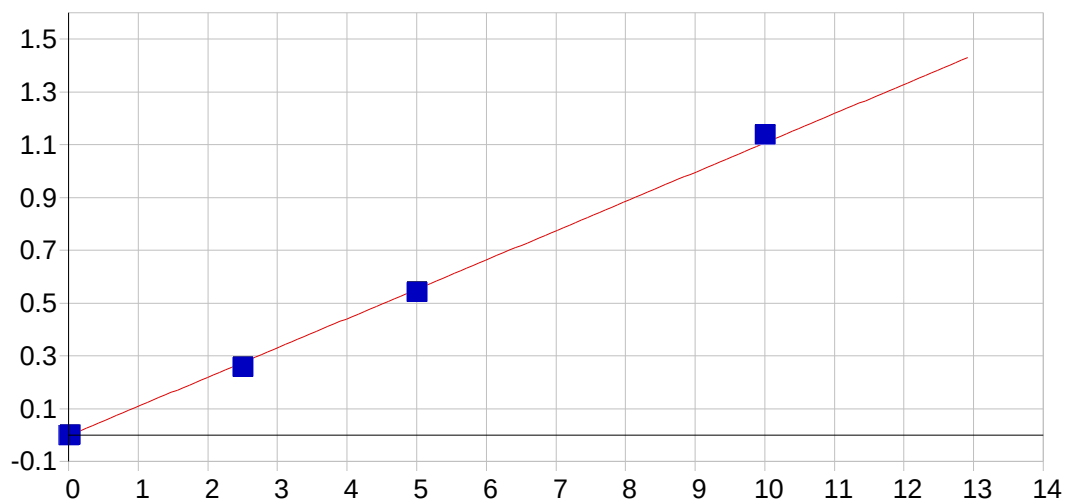
Weighting: 1/Conc

A0 (Offset): 0.009781
 A1 (Gain): 1.280007
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997
 Std Error of Est: 0.000079
 Predicted MDL: 0.002778
 Predicted MQL: 0.009259

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	.00978	.005	1
S1	.02000	.01987	-.000	-.675	.03521	.002	1
S3	2.5000	2.4893	-.011	-.429	3.1961	.013	1
S4	5.0000	4.9896	-.010	-.208	6.3965	.071	1
S5	10.000	10.021	.021	.213	12.837	.075	1

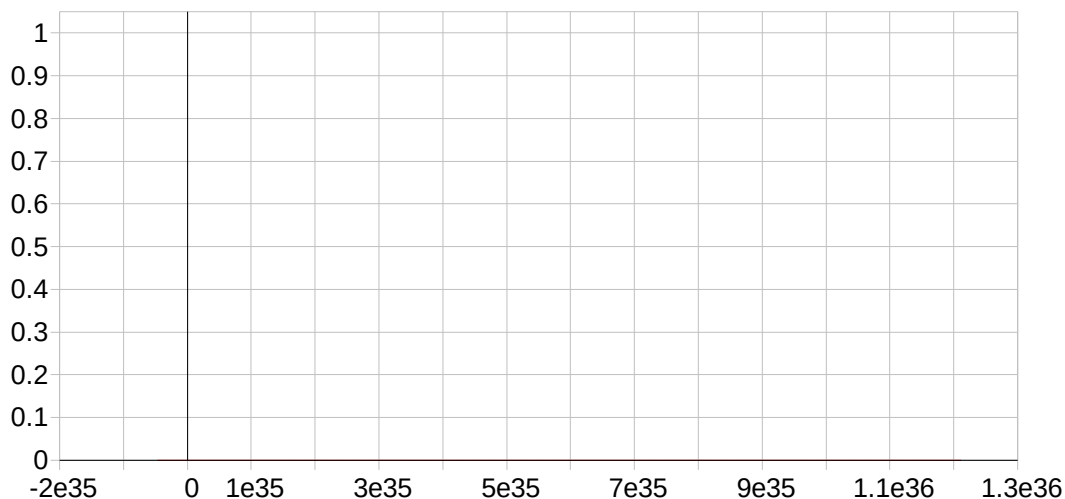


P 177.495 {490}

Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002767 Re-Slope: 1.000000
 A1 (Gain): 0.110951 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999449 Status: OK.
 Std Error of Est: 0.000089
 Predicted MDL: 0.001303
 Predicted MQL: 0.004342

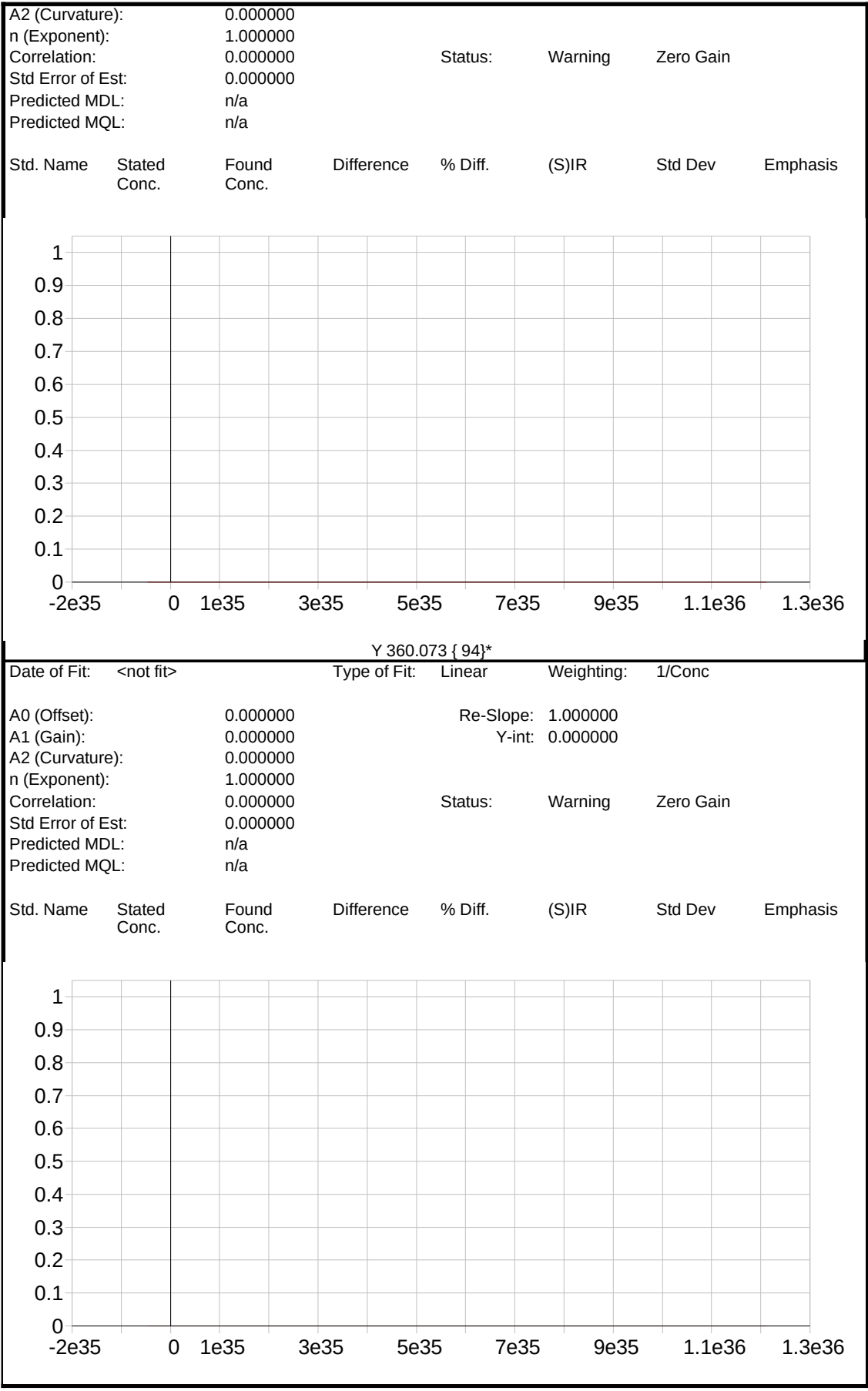
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00277	.000	1
S1	.02000	.01770	-.002	-11.5	-.00081	.000	1
S3	2.5000	2.3416	-.158	-6.33	.25664	.001	1
S4	5.0000	4.8981	-.102	-2.04	.53988	.001	1
S5	10.000	10.263	.263	2.63	1.1343	.001	1

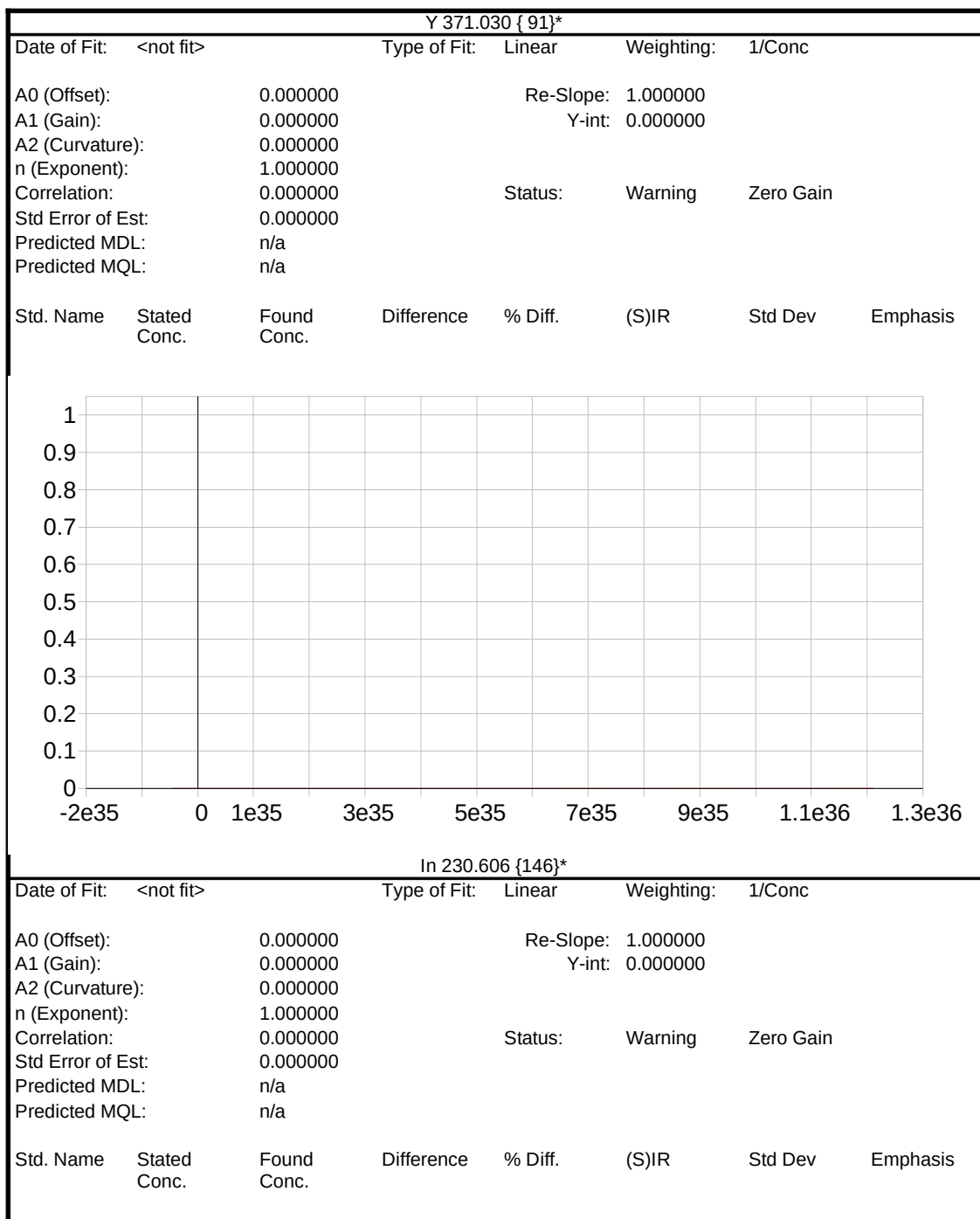


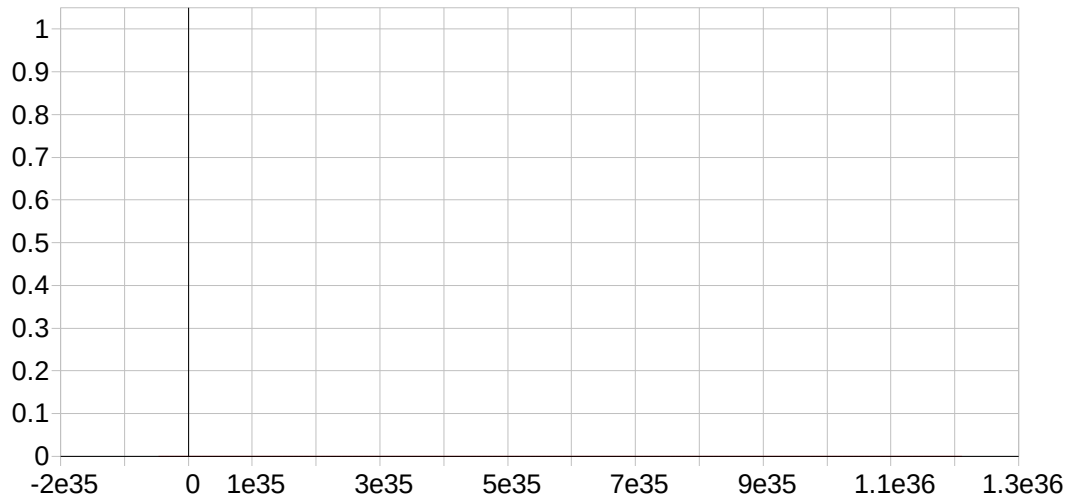
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

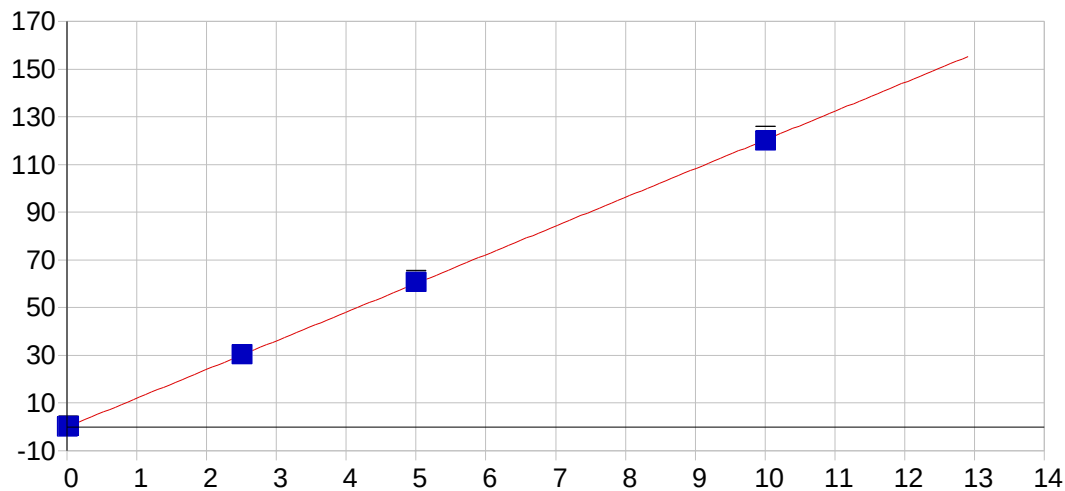
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Sr 407.771 { 83}

Date of Fit: 1/25/2019 11:01:05

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003680

Re-Slope: 1.000000

A1 (Gain): 12.028160

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999984

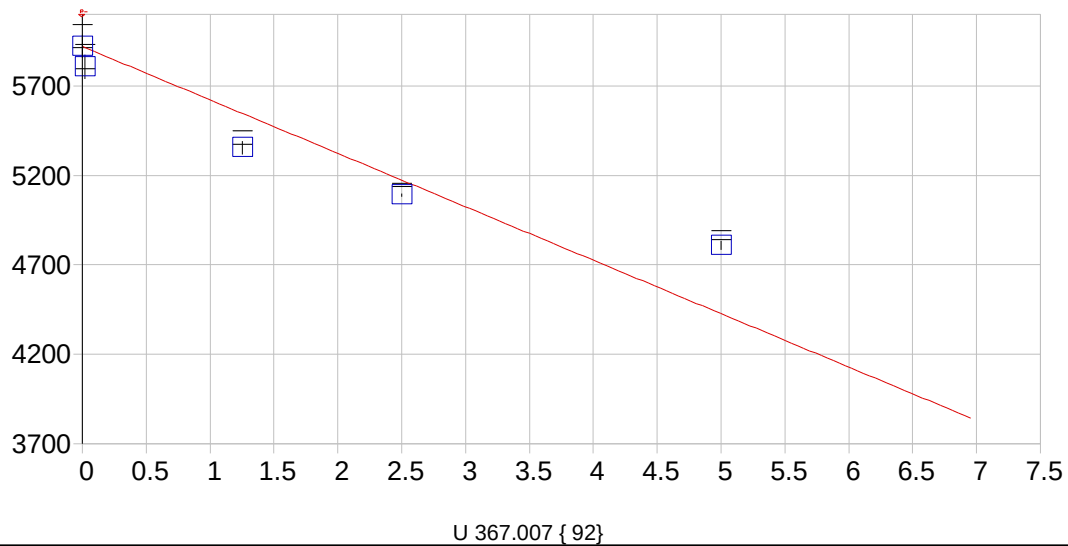
Status: OK.

Std Error of Est: 0.001653

Predicted MDL: 0.000112

Predicted MQL: 0.000373

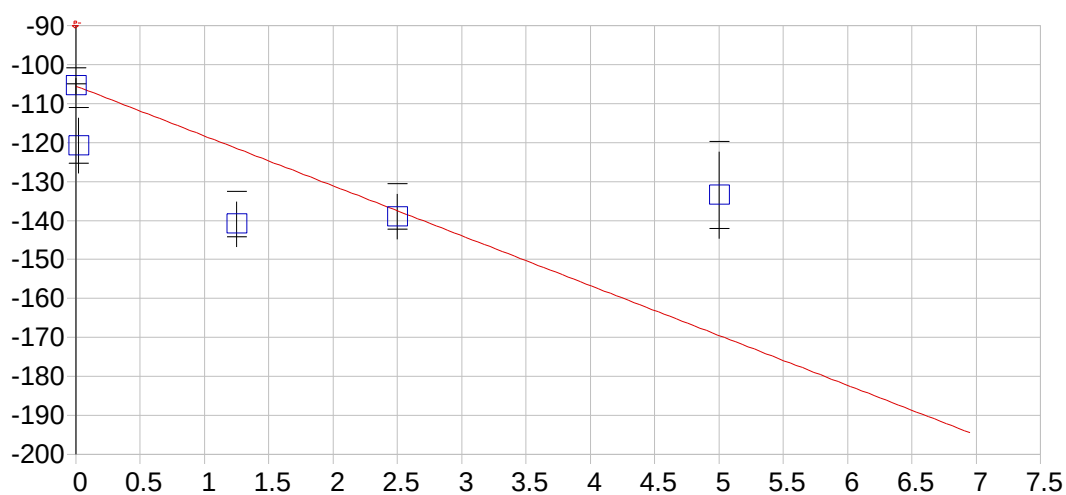
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00370	.001	1
S1	.02000	.02155	.002	7.76	.25687	.001	1
S3	2.5000	2.5063	.006	.252	30.175	.085	1
S4	5.0000	5.0351	.035	.702	60.625	.623	1
S5	10.000	9.9571	-.043	-.429	119.89	1.85	1



Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5920.344992 Re-Slope: 1.000000
A1 (Gain): -298.611483 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.742827 Status: Warning Negative Gain
Std Error of Est: 4.599037
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00037	-.000	.000	5920.5	64.9	1
S1	.02000	.37848	.358	1790.	5807.3	67.1	1
S3	1.2500	1.8946	.645	51.6	5354.6	36.2	1
S4	2.5000	2.7774	.277	11.1	5091.0	8.61	1
S5	5.0000	3.7195	-1.28	-25.6	4809.7	25.3	1



U 385.958 { 87}

Date of Fit: 1/25/2019 11:01:05 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -105.518394 Re-Slope: 1.000000

A1 (Gain): -12.792355 Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.328287

Status: Warning Negative Gain

Std Error of Est: 0.628990

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00119	-.001	.000	-105.50	2.00	1
S1	.02000	1.1956	1.18	5880.	-120.81	7.11	1
S3	1.2500	2.7677	1.52	121.	-140.92	5.81	1
S4	2.5000	2.6202	.120	4.81	-139.04	5.82	1
S5	5.0000	2.1866	-2.81	-56.3	-133.49	11.2	1

Sample Name: S0 Acquired: 1/25/2019 10:35:40 Type: Cal
Method: P4-ICP2(v2780) 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	.00044	-.00013	.00522	-.00050	.00097	.00022	.13977	.00000
Stddev	.00013	.00024	.00021	.00014	.00019	.00011	.00486	.00002
%RSD	29.552	187.13	4.0250	27.202	20.002	50.194	3.4748	599.32
#1	.00033	-.00028	.00525	-.00058	.00081	.00019	.14517	.00002
#2	.00041	.00015	.00500	-.00057	.00091	.00033	.13578	-.00002
#3	.00058	-.00025	.00541	-.00034	.00119	.00012	.13834	.00001
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	-.00181	.00046	-.00017	.00048	.00018	-.10068	.00007	.00051
Stddev	.00018	.00026	.00008	.00009	.00026	.03238	.00014	.00028
%RSD	9.9484	55.653	49.751	19.080	141.32	32.164	186.06	54.775
#1	-.00172	.00017	-.00026	.00046	.00014	-.12747	-.00006	.00045
#2	-.00201	.00059	-.00012	.00040	-.00005	-.06469	.00021	.00082
#3	-.00169	.00063	-.00011	.00058	.00046	-.10987	.00007	.00027
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	-.00661	.00019	.05242	.00007	.97005	-.05335	-.00004	.00021
Stddev	.00022	.00011	.00088	.00006	.24005	.00210	.00011	.00031
%RSD	3.3066	56.887	1.6822	89.882	24.746	3.9346	315.15	149.49
#1	-.00686	.00010	.05217	.00003	1.2079	-.05290	-.00015	.00051
#2	-.00644	.00031	.05340	.00003	.72782	-.05151	-.00003	.00022
#3	-.00653	.00015	.05170	.00013	.97447	-.05563	.00008	-.00011
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	.00017	.01390	.00091	.00537	.00978	-.0028	-.00370	5920.5
Stddev	.00016	.00094	.00013	.00040	.00466	.0001	.00094	64.9
%RSD	93.347	6.7425	14.280	7.4195	47.637	5.186	25.270	1.0956
#1	.00026	.01498	.00101	.00551	.00725	-.0027	-.00267	5887.8
#2	.00026	.01332	.00076	.00491	.00693	-.0027	-.00393	5878.4
#3	-.00001	.01339	.00096	.00567	.01516	-.0029	-.00450	5995.2

Sample Name: S0 Acquired: 1/25/2019 10:35:40 Type: Cal
Method: P4-ICP2(v2780) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-105.50
Stddev	2.00
%RSD	1.8936

#1	-106.44
#2	-106.86
#3	-103.21

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3507.2	44824.	3887.8	9.4409	3923.2
Stddev	21.1	120.	12.7	1.8745	10.4
%RSD	.60170	.26678	.32678	19.855	.26420

#1	3528.7	44687.	3880.4	8.1659	3934.1
#2	3506.4	44876.	3902.4	11.593	3922.2
#3	3486.5	44909.	3880.5	8.5636	3913.4

Sample Name: S1 Acquired: 1/25/2019 10:40:07 Type: Cal
Method: P4-ICP2(v2780) 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	.00176	.00501	.00963	.00109	.00940	.00125	.23274	.00720
Stddev	.00019	.00014	.00028	.00012	.00022	.00006	.00085	.00009
%RSD	10.581	2.7203	2.8641	10.904	2.3572	5.1051	.36308	1.2049

#1	.00167	.00506	.00944	.00119	.00922	.00117	.23360	.00717
#2	.00163	.00512	.00950	.00096	.00964	.00128	.23271	.00713
#3	.00197	.00486	.00994	.00113	.00933	.00129	.23191	.00730

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	.02024	.00253	.04365	.01737	.35014	.03741	.02808	.00280
Stddev	.00019	.00003	.00042	.00037	.05676	.00025	.00035	.00009
%RSD	.92657	1.1075	.95741	2.1522	16.211	.68058	1.2349	3.2777

#1	.02009	.00252	.04342	.01741	.31882	.03744	.02771	.00289
#2	.02017	.00256	.04339	.01773	.41566	.03714	.02813	.00271
#3	.02045	.00251	.04413	.01698	.31594	.03764	.02840	.00278

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	.01241	36.752	.19032	.00640	.00022	.24526	.01225	.01654
Stddev	.00004	4.711	.00033	.00033	.00013	.00177	.00021	.00063
%RSD	.31213	12.818	.17375	5.2193	58.276	.72147	1.6929	3.8098

#1	.01240	31.773	.19003	.00676	.00011	.24616	.01224	.01718
#2	.01238	41.138	.19026	.00636	.00036	.24640	.01205	.01654
#3	.01246	37.345	.19068	.00609	.00019	.24322	.01247	.01592

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03521	-.0008	.25687	5807.3	-120.81
Stddev	.00230	.0001	.00095	67.1	7.11
%RSD	6.5261	16.63	.36940	1.1548	5.8828

#1	.03494	-.0007	.25784	5752.0	-126.92
#2	.03306	-.0010	.25682	5788.1	-113.01
#3	.03763	-.0008	.25594	5881.9	-122.51

Sample Name: S1 Acquired: 1/25/2019 10:40:07 Type: Cal
Method: P4-ICP2(v2780) 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	3536.9	44701.	3907.7	9.5826	3911.7
Stddev	9.8	155.	53.6	1.2303	10.4
%RSD	.27673	.34612	1.3722	12.839	.26529
#1	3526.0	44599.	3864.4	10.907	3909.8
#2	3545.1	44624.	3891.0	8.4750	3922.8
#3	3539.5	44879.	3967.7	9.3659	3902.3

Sample Name: S2 Acquired: 1/25/2019 10:44:32 Type: Cal
Method: P4-ICP2(v2780) 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	.11286	.02058	.72185	.19418
Stddev	.00078	.00023	.00649	.00200
%RSD	.69350	1.1376	.89972	1.0325

#1	.11251	.02085	.71974	.19206
#2	.11232	.02039	.71668	.19442
#3	.11376	.02052	.72914	.19605

Int. Std.	Y_3710
Units	Cts/S
Avg	3910.3
Stddev	18.0
%RSD	.46059

#1	3889.8
#2	3918.1
#3	3923.2

Sample Name: S3 Acquired: 1/25/2019 10:48:48 Type: Cal
Method: P4-ICP2(v2780) 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	.16099	.27427	.82705	.18215	.36649	.04152	4.1446	.13837
Stddev	.00057	.00054	.00256	.00043	.00058	.00045	.0200	.00052
%RSD	.35095	.19543	.30997	.23759	.15704	1.0721	.48195	.37466
#1	.16070	.27480	.82746	.18216	.36594	.04133	4.1422	.13854
#2	.16064	.27373	.82431	.18257	.36709	.04119	4.1258	.13878
#3	.16165	.27428	.82939	.18171	.36643	.04203	4.1656	.13779
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	4.4023	.66948	.12107	1.5378	.47635	10.194	1.9943	.11602
Stddev	.0130	.00672	.00024	.0043	.00091	.977	.0025	.00147
%RSD	.29599	1.0041	.19588	.27619	.19016	9.5815	.12691	1.2684
#1	4.4114	.66301	.12122	1.5404	.47538	11.264	1.9960	.11436
#2	4.3873	.66900	.12120	1.5329	.47650	9.9645	1.9956	.11651
#3	4.4080	.67643	.12080	1.5401	.47717	9.3518	1.9914	.11717
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	.92992	.15072	4.0356	.33394	1045.9	1.4307	2.1627	.13598
Stddev	.00354	.00031	.0132	.00064	97.7	.0071	.0064	.00122
%RSD	.38088	.20301	.32643	.19281	9.3428	.49921	.29635	.89509
#1	.93362	.15106	4.0208	.33468	1154.1	1.4319	2.1558	.13464
#2	.92656	.15047	4.0401	.33352	1019.4	1.4230	2.1685	.13628
#3	.92959	.15063	4.0460	.33362	964.15	1.4371	2.1639	.13701
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	.00940	1.3558	.60908	.56828	3.1961	.2566	30.175	5354.6
Stddev	.00015	.0087	.00101	.00711	.0126	.0006	.085	36.2
%RSD	1.5463	.64070	.16571	1.2503	.39454	.2160	.28152	.67692
#1	.00927	1.3651	.60832	.56025	3.1828	.2564	30.178	5318.8
#2	.00955	1.3546	.60871	.57377	3.1975	.2563	30.089	5391.3
#3	.00937	1.3479	.61023	.57081	3.2079	.2573	30.259	5353.7

Sample Name: S3 Acquired: 1/25/2019 10:48:48 Type: Cal
 Method: P4-ICP2(v2780) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-140.92
Stddev	5.81
%RSD	4.1241

#1	-138.83
#2	-136.45
#3	-147.49

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3467.9	43388.	3869.3	8.4932	3666.0
Stddev	4.9	159.	18.5	.7751	10.4
%RSD	.14182	.36636	.47696	9.1264	.28293

#1	3471.9	43205.	3848.1	7.6431	3658.2
#2	3462.4	43490.	3881.8	8.6757	3677.8
#3	3469.4	43469.	3878.1	9.1607	3662.0

Sample Name: S4 Acquired: 1/25/2019 10:52:50 Type: Cal
Method: P4-ICP2(v2780) 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	.32784	.55562	1.6759	.37054	.74269	.08534	8.1845	.28104
Stddev	.00122	.00206	.0082	.00129	.00220	.00117	.0843	.00068
%RSD	.37120	.37161	.49056	.34734	.29674	1.3681	1.0297	.24075

#1	.32688	.55446	1.6734	.37054	.74290	.08474	8.1209	.28158
#2	.32742	.55439	1.6691	.36926	.74039	.08459	8.2801	.28126
#3	.32921	.55800	1.6850	.37183	.74478	.08668	8.1525	.28028

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	9.0626	1.3418	.24462	3.1442	.95024	19.154	3.9995	.23266
Stddev	.0363	.0116	.00013	.0155	.00085	1.453	.0076	.00155
%RSD	.40039	.86275	.05318	.49431	.08982	7.5874	.18885	.66754

#1	9.0485	1.3309	.24469	3.1399	.94985	18.194	4.0073	.23090
#2	9.0355	1.3540	.24447	3.1312	.94965	20.826	3.9922	.23384
#3	9.1038	1.3404	.24470	3.1614	.95122	18.443	3.9991	.23323

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	1.8973	.30385	8.0305	.67414	1936.0	2.9132	4.3372	.27489
Stddev	.0073	.00091	.0951	.00062	132.3	.0291	.0104	.00204
%RSD	.38624	.29955	1.1844	.09209	6.8327	1.0005	.24063	.74329

#1	1.8956	.30404	7.9631	.67485	1894.5	2.8900	4.3330	.27283
#2	1.8910	.30286	8.1393	.67389	2084.1	2.9459	4.3295	.27692
#3	1.9053	.30465	7.9892	.67369	1829.5	2.9036	4.3491	.27494

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	.01978	2.6994	1.2386	1.1424	6.3965	.5399	60.625	5091.0
Stddev	.00019	.0294	.0034	.0071	.0714	.0011	.623	8.6
%RSD	.96784	1.0896	.27157	.61928	1.1160	.2021	1.0270	.16911

#1	.01996	2.7042	1.2368	1.1353	6.3435	.5390	60.188	5093.8
#2	.01958	2.7261	1.2366	1.1495	6.4777	.5396	61.338	5081.3
#3	.01981	2.6679	1.2425	1.1424	6.3683	.5411	60.350	5097.9

Sample Name: S4 Acquired: 1/25/2019 10:52:50 Type: Cal
Method: P4-ICP2(v2780) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-139.04
Stddev	5.82
%RSD	4.1837

#1	-132.32
#2	-142.59
#3	-142.20

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3371.9	41984.	3813.0	8.9809	3473.2
Stddev	11.0	115.	40.9	.5905	15.8
%RSD	.32516	.27406	1.0719	6.5745	.45516

#1	3372.3	41945.	3804.0	9.1455	3476.0
#2	3382.6	42113.	3777.4	8.3256	3487.4
#3	3360.7	41893.	3857.7	9.4716	3456.2

Sample Name: S5 Acquired: 1/25/2019 10:56:52 Type: Cal
Method: P4-ICP2(v2780) 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	.66612	1.1233	3.4203	.75292	1.4998	.17257	16.526	.56905
Stddev	.00106	.0010	.0009	.00256	.0047	.00064	.076	.00083
%RSD	.15864	.08575	.02692	.33968	.31432	.36951	.45782	.14660

#1	.66646	1.1231	3.4195	.75481	1.5035	.17196	16.446	.56814
#2	.66698	1.1243	3.4200	.75395	1.5014	.17254	16.537	.56924
#3	.66494	1.1224	3.4213	.75001	1.4945	.17323	16.596	.56978

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	18.640	2.6804	.49087	6.4612	1.8870	41.685	7.9081	.46101
Stddev	.003	.0181	.00071	.0024	.0040	2.831	.0313	.00295
%RSD	.01378	.67525	.14507	.03703	.21397	6.7910	.39569	.64005

#1	18.639	2.6642	.49169	6.4638	1.8906	39.087	7.9407	.45790
#2	18.637	2.6771	.49039	6.4591	1.8878	44.702	7.8783	.46377
#3	18.642	2.6999	.49053	6.4608	1.8826	41.267	7.9054	.46138

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	3.8866	.61761	16.088	1.3592	4135.4	5.9139	8.6793	.54980
Stddev	.0026	.00136	.071	.0025	300.6	.0258	.0133	.00289
%RSD	.06630	.22006	.44090	.18140	7.2700	.43579	.15279	.52480

#1	3.8878	.61897	16.006	1.3570	3882.4	5.8862	8.6893	.54876
#2	3.8837	.61625	16.133	1.3589	4467.8	5.9182	8.6844	.54757
#3	3.8884	.61761	16.125	1.3619	4056.0	5.9372	8.6643	.55306

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	.04216	5.3833	2.5415	2.2697	12.837	1.134	119.89	4809.7
Stddev	.00007	.0228	.0041	.0058	.075	.001	1.85	25.3
%RSD	.16889	.42311	.15960	.25534	.58316	.0731	1.5466	.52570

#1	.04224	5.3639	2.5459	2.2631	12.759	1.134	117.86	4780.5
#2	.04211	5.3776	2.5380	2.2741	12.845	1.133	120.33	4824.0
#3	.04213	5.4084	2.5406	2.2719	12.908	1.135	121.49	4824.5

Sample Name: S5 Acquired: 1/25/2019 10:56:52 Type: Cal
Method: P4-ICP2(v2780) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-133.49
Stddev	11.16
%RSD	8.3625

#1	-124.20
#2	-145.87
#3	-130.39

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3240.6	40367.	3736.3	8.1361	3231.9
Stddev	6.3	47.	10.1	.5918	9.9
%RSD	.19335	.11524	.26933	7.2731	.30690

#1	3247.3	40315.	3747.1	8.6664	3243.1
#2	3234.9	40405.	3734.4	7.4978	3228.7
#3	3239.5	40380.	3727.3	8.2441	3224.0

Sample Name: ICV01 Acquired: 1/25/2019 11:01:09 Type: Unk
Method: P4-ICP2(v2780) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0217	1.0309	1.0200	1.0172	1.0145	2.6110	F .53412
Stddev	.0040	.0061	.0060	.0025	.0045	.0219	.00928
%RSD	.39628	.59155	.58428	.24348	.44222	.83750	1.7374

#1	1.0177	1.0291	1.0204	1.0177	1.0100	2.5999	.53031
#2	1.0217	1.0377	1.0258	1.0195	1.0190	2.6362	.54470
#3	1.0258	1.0260	1.0139	1.0146	1.0144	2.5969	.52736

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50344	.49189	F 10.738	.50955	.50837	.51582	5.2449
Stddev	.00069	.00176	.113	.00062	.00304	.00121	.0435
%RSD	.13700	.35700	1.0492	.12227	.59801	.23479	.82902

#1	.50395	.49129	10.616	.50883	.50637	.51442	5.1957
#2	.50370	.49386	10.839	.50986	.51187	.51639	5.2605
#3	.50265	.49051	10.759	.50996	.50688	.51663	5.2784

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51390	6.2974	.51136	.51338	10.418	.51581	1.0657
Stddev	.00057	.0991	.00184	.00116	.086	.00070	.0068
%RSD	.11037	1.5743	.35954	.22633	.82461	.13501	.63509

#1	.51452	6.1946	.51045	.51409	10.331	.51596	1.0626
#2	.51341	6.3052	.51347	.51204	10.421	.51505	1.0610
#3	.51378	6.3925	.51015	.51400	10.503	.51642	1.0735

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.562	2.5970	F 2.6323	F 2.2485	2.5970	2.5413	F 2.6419
Stddev	.058	.0095	.0230	.0302	.0079	.0135	.0037
%RSD	.54452	.36536	.87370	1.3431	.30284	.53153	.14185

#1	10.513	2.5870	2.6096	2.2382	2.6043	2.5348	2.6375
#2	10.625	2.6059	2.6556	2.2825	2.5980	2.5569	2.6440
#3	10.547	2.5981	2.6317	2.2248	2.5887	2.5323	2.6441

Sample Name: ICV01 Acquired: 1/25/2019 11:01:09 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	2.4365	F 2.244	F 2.3033	F 2.4893	F<.00000
Stddev	.0255	.015	.0234	.1250	1.1102
%RSD	1.0457	.6852	1.0168	5.0223	20.568
#1	2.4072	2.237	2.2767	2.3489	-6.3384
#2	2.4501	2.262	2.3211	2.5307	-5.6823
#3	2.4524	2.233	2.3120	2.5885	-4.1732
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3457.0	43010.	3819.9	8.5314	3703.7
Stddev	9.1	76.	2.5	.0584	13.7
%RSD	.26226	.17599	.06600	.68486	.36950
#1	3466.9	43088.	3818.3	8.5590	3708.7
#2	3449.2	42937.	3818.6	8.5709	3688.3
#3	3454.8	43004.	3822.8	8.4643	3714.2

Sample Name: LLICV01 Acquired: 1/25/2019 11:05:24 Type: Unk
Method: P4-ICP2(v2780) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01733	.04096	.01257	.01679	.05118	.11819	.10683	.00572
Stddev	.00300	.00273	.00027	.00104	.00069	.00800	.00340	.00004
%RSD	17.337	6.6730	2.1119	6.2070	1.3404	6.7686	3.1796	.72485
#1	.01769	.04391	.01248	.01709	.05195	.12282	.10375	.00567
#2	.02014	.04046	.01287	.01563	.05095	.12280	.10625	.00573
#3	.01416	.03852	.01236	.01766	.05064	.10895	.11047	.00575
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00540	1.9866	.01014	.03002	.02054	.08643	.02108	2.0540
Stddev	.00006	.0108	.00020	.00026	.00033	.02162	.00006	.0267
%RSD	1.0261	.54254	1.9565	.88064	1.5998	25.019	.29350	1.3000
#1	.00542	1.9757	.01005	.03018	.02082	.06445	.02102	2.0233
#2	.00533	1.9870	.01037	.02972	.02061	.10768	.02115	2.0716
#3	.00544	1.9972	.01000	.03016	.02018	.08716	.02108	2.0672
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03927	.00962	1.9526	.04044	.03795	1.9028	.19400	.11601
Stddev	.00036	.00029	.0097	.00028	.00289	.0142	.00023	.01211
%RSD	.91757	3.0435	.49823	.70142	7.6182	.74635	.11649	10.436
#1	.03892	.00929	1.9432	.04013	.03916	1.9187	.19413	.11925
#2	.03964	.00986	1.9627	.04053	.03465	1.8982	.19412	.12617
#3	.03926	.00970	1.9520	.04067	.04004	1.8915	.19374	.10261
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00882	.40101	.03952	.04304	.01925	F .0154	.01963	F 1.7843
Stddev	.01857	.00204	.00112	.00073	.00098	.0009	.00010	.2149
%RSD	210.58	.50790	2.8218	1.6851	5.0833	5.727	.52810	12.042
#1	.01841	.39919	.03996	.04238	.01991	.0144	.01952	2.0061
#2	.02064	.40062	.03826	.04381	.01972	.0155	.01966	1.5771
#3	-.01259	.40321	.04036	.04293	.01813	.0161	.01972	1.7696

Sample Name: LLICV01 Acquired: 1/25/2019 11:05:24 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.2138
Stddev	.1340
%RSD	11.038

#1	1.0914
#2	1.1930
#3	1.3570

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3530.7	44265.	3822.8	9.7394	3940.6
Stddev	12.4	160.	4.4	.7709	14.3
%RSD	.35094	.36230	.11531	7.9155	.36343

#1	3516.4	44115.	3827.4	9.3932	3925.5
#2	3538.2	44246.	3822.3	10.623	3954.0
#3	3537.5	44434.	3818.6	9.2023	3942.2

Sample Name: ICB01 Acquired: 1/25/2019 11:09:48 Type: Unk
Method: P4-ICP2(v2780) 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	.00084	.00027	-.00004	-.00242	.00044	.00757	.00840	.00008
Stddev	.00149	.00128	.00056	.00174	.00020	.01077	.00356	.00003
%RSD	178.10	482.60	1409.1	71.746	45.167	142.13	42.372	34.265
#1	-.00078	.00069	.00056	-.00043	.00055	.01955	.00742	.00011
#2	.00215	.00128	-.00012	-.00364	.00056	-.00129	.01234	.00006
#3	.00114	-.00117	-.00056	-.00320	.00021	.00446	.00543	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00576	-.00003	-.00016	.00016	.02315	-.00001	-.00806
Stddev	.00006	.00123	.00018	.00003	.00046	.03554	.00002	.02061
%RSD	100.36	21.420	547.95	18.466	282.92	153.51	150.86	255.74
#1	.00002	.00718	.00003	-.00015	.00070	.05132	.00001	.01566
#2	.00004	.00514	-.00024	-.00014	-.00006	-.01677	-.00002	-.02162
#3	.00013	.00495	.00011	-.00019	-.00015	.03490	-.00002	-.01821
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	-.00019	-.06763	.00025	.00001	-.06664	-.00005	.01269
Stddev	.00025	.00016	.00525	.00052	.00004	.02011	.00018	.00296
%RSD	196.48	81.779	7.7622	207.58	566.79	30.181	397.17	23.361
#1	.00002	-.00028	-.06652	.00073	.00006	-.04465	.00016	.01010
#2	-.00042	-.00001	-.06303	-.00031	-.00002	-.07116	-.00011	.01592
#3	.00001	-.00028	-.07335	.00033	-.00001	-.08411	-.00019	.01204
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00545	.00227	.00070	.00673	-.00208	-.0013	.00001	F 2.2263
Stddev	.02301	.00189	.00003	.00429	.00162	.0009	.00003	.0267
%RSD	422.50	83.438	3.5988	63.765	77.833	64.93	428.64	1.2017
#1	-.01811	.00368	.00071	.00474	-.00316	-.0013	-.00002	2.2562
#2	.02111	.00300	.00072	.01165	-.00287	-.0005	-.00000	2.2048
#3	-.01934	.00012	.00067	.00380	-.00022	-.0022	.00004	2.2178

Sample Name: ICB01 Acquired: 1/25/2019 11:09:48 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .63559
Stddev	.81024
%RSD	127.48

#1	.57993
#2	1.4722
#3	-.14539

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3517.2	44185.	3816.8	8.7318	3971.9
Stddev	7.7	102.	9.8	.5245	4.9
%RSD	.21985	.23141	.25651	6.0073	.12389

#1	3510.3	44219.	3824.3	8.9773	3967.6
#2	3525.6	44070.	3805.7	9.0886	3977.3
#3	3515.7	44266.	3820.4	8.1295	3970.9

Sample Name: CRI01 Acquired: 1/25/2019 11:14:17 Type: Unk
Method: P4-ICP2(v2780) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02014	.04325	.01322	.01797	.05540	.11163	.12126	.00623
Stddev	.00144	.00111	.00099	.00134	.00179	.00581	.00207	.00003
%RSD	7.1381	2.5557	7.4760	7.4623	3.2267	5.2029	1.7041	.52663
#1	.01894	.04410	.01282	.01939	.05481	.11664	.12153	.00623
#2	.02173	.04200	.01434	.01778	.05398	.11298	.11907	.00620
#3	.01973	.04366	.01249	.01673	.05741	.10526	.12317	.00626
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00585	2.2264	.01080	.03255	.02256	.11458	.02285	2.2480
Stddev	.00002	.0127	.00025	.00027	.00035	.00542	.00006	.0652
%RSD	.36441	.57022	2.3090	.83608	1.5369	4.7262	.28351	2.9000
#1	.00583	2.2376	.01063	.03246	.02237	.11783	.02289	2.1977
#2	.00587	2.2126	.01109	.03234	.02235	.10832	.02289	2.2246
#3	.00584	2.2291	.01068	.03286	.02296	.11757	.02278	2.3217
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04279	.01066	2.1389	.04425	.04122	2.0941	.20983	.11860
Stddev	.00017	.00034	.0239	.00054	.00497	.0082	.00136	.00760
%RSD	.40203	3.1775	1.1153	1.2212	12.067	.39255	.64676	6.4068
#1	.04299	.01080	2.1413	.04455	.04651	2.0954	.20975	.11003
#2	.04267	.01090	2.1139	.04363	.04051	2.0853	.20851	.12453
#3	.04271	.01027	2.1614	.04457	.03664	2.1015	.21122	.12122
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .04417	.43514	.04300	.05131	.02495	.0162	.02173	F 2.4641
Stddev	.01661	.00530	.00041	.00256	.00081	.0004	.00007	.1732
%RSD	37.616	1.2182	.96503	4.9864	3.2307	2.388	.32032	7.0306
#1	.06246	.44042	.04252	.04855	.02568	.0164	.02170	2.4891
#2	.03001	.43516	.04330	.05178	.02409	.0157	.02181	2.6235
#3	.04003	.42982	.04316	.05361	.02507	.0164	.02169	2.2797

Sample Name: CRI01 Acquired: 1/25/2019 11:14:17 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .29974
Stddev	1.1140
%RSD	371.65

#1	1.5326
#2	-.63443
#3	.00100

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3482.7	43425.	3752.3	9.5992	3868.9
Stddev	14.7	135.	38.8	1.1321	7.9
%RSD	.42348	.31106	1.0351	11.794	.20493

#1	3478.2	43343.	3714.5	8.4182	3869.3
#2	3499.2	43351.	3750.2	9.7045	3876.7
#3	3470.8	43581.	3792.1	10.675	3860.9

Sample Name: ICSA01 Acquired: 1/25/2019 11:18:42 Type: Unk
Method: P4-ICP2(v2787) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00628	-.00543	-.00333	-.00443	.00612	273.27	.00621	.00035
Stddev	.00222	.00357	.00046	.00193	.00233	1.38	.00686	.00009
%RSD	35.382	65.683	13.941	43.623	38.012	.50501	110.50	25.112
#1	.00726	-.00911	-.00279	-.00320	.00357	271.78	-.00138	.00028
#2	.00785	-.00519	-.00357	-.00343	.00665	273.50	.00803	.00032
#3	.00374	-.00199	-.00362	-.00666	.00813	274.51	.01198	.00045
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00240	255.04	.05727	-.00065	.00877	86.174	.01453	256.13
Stddev	.00015	3.87	.00043	.00031	.00020	1.078	.00006	3.67
%RSD	6.4014	1.5169	.75412	47.080	2.2987	1.2512	.38051	1.4311
#1	-.00225	250.58	.05738	-.00053	.00895	84.961	.01449	251.99
#2	-.00240	257.49	.05763	-.00100	.00882	87.024	.01451	257.45
#3	-.00256	257.04	.05679	-.00042	.00855	86.536	.01459	258.95
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00542	-.00968	-.02609	.00130	.00139	-.06036	.00009	-.02579
Stddev	.00040	.00047	.00896	.00076	.00014	.01662	.00019	.00142
%RSD	7.3810	4.8819	34.344	58.495	9.7493	27.527	216.37	5.4956
#1	-.00526	-.00916	-.01628	.00216	.00151	-.05677	.00016	-.02547
#2	-.00587	-.01008	-.02814	.00103	.00142	-.07848	.00024	-.02457
#3	-.00512	-.00981	-.03385	.00071	.00124	-.04583	-.00013	-.02735
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .24333	-.00618	.00919	.00019	F .02062	-.0010	.01171	4.7680
Stddev	.03135	.00250	.00011	.00168	.00211	.0009	.00006	.0813
%RSD	12.885	40.443	1.1946	864.93	10.235	93.05	.53095	1.7056
#1	.25794	-.00329	.00929	.00207	.02281	-.0020	.01176	4.8599
#2	.26472	-.00770	.00920	-.00119	.01860	-.0001	.01164	4.7386
#3	.20734	-.00755	.00907	-.00029	.02047	-.0010	.01174	4.7054

Sample Name: ICSA01 Acquired: 1/25/2019 11:18:42 Type: Unk
 Method: P4-ICP2(v2787) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	2.3065
%RSD	1.3566

#1	-169.21
#2	-172.63
#3	-168.24

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3100.4	37853.	3625.7	9.2958	3112.0
Stddev	8.7	100.	25.9	.0454	7.0
%RSD	.27945	.26329	.71538	.48836	.22556

#1	3099.6	37739.	3652.0	9.3453	3114.8
#2	3092.2	37896.	3600.1	9.2562	3104.0
#3	3109.4	37923.	3625.1	9.2858	3117.1

Sample Name: ICSAB01 Acquired: 1/25/2019 11:23:12 Type: Unk
Method: P4-ICP2(v2787) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11342	.08325	.04631	.05017	.64895	280.90	.55137	.56820
Stddev	.00202	.00270	.00511	.00663	.00355	1.07	.00228	.00165
%RSD	1.7852	3.2377	11.033	13.209	.54776	.37948	.41331	.29030
#1	.11212	.08581	.04476	.05458	.64843	280.08	.54988	.56735
#2	.11575	.08044	.05202	.04255	.65274	280.52	.55023	.56714
#3	.11239	.08351	.04216	.05337	.64568	282.11	.55399	.57010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0245	258.57	.59942	.51578	.52658	95.552	.55479	259.36
Stddev	.0039	1.04	.00189	.00049	.00250	11.073	.00124	1.02
%RSD	.38410	.40069	.31568	.09546	.47500	11.589	.22338	.39274
#1	1.0280	258.69	.59739	.51635	.52718	97.483	.55391	259.37
#2	1.0253	259.53	.59973	.51556	.52872	83.641	.55427	258.34
#3	1.0203	257.47	.60114	.51545	.52383	105.53	.55621	260.38
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0179	.21828	-.02322	.52981	.99390	-.03926	1.1373	1.1511
Stddev	.0009	.00237	.00219	.00184	.11508	.02011	.0075	.0158
%RSD	.08870	1.0865	9.4487	.34696	11.579	51.238	.65575	1.3707
#1	1.0184	.21718	-.02402	.52791	1.0143	-.05039	1.1418	1.1405
#2	1.0185	.21665	-.02074	.52996	.86999	-.05134	1.1414	1.1436
#3	1.0169	.22100	-.02491	.53157	1.0974	-.01604	1.1287	1.1692
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.2158	1.0692	1.1601	1.1611	1.0866	1.010	.95559	5.3783
Stddev	.0431	.0056	.0028	.0060	.0048	.000	.01718	.0906
%RSD	3.5463	.52718	.24273	.51328	.44132	.0323	1.7977	1.6843
#1	1.1662	1.0750	1.1628	1.1582	1.0862	1.010	.95335	5.2915
#2	1.2442	1.0687	1.1605	1.1571	1.0915	1.010	.97377	5.3712
#3	1.2370	1.0637	1.1571	1.1679	1.0820	1.011	.93963	5.4723

Sample Name: ICSAB01 Acquired: 1/25/2019 11:23:12 Type: Unk
Method: P4-ICP2(v2787) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.2829
%RSD	.75553

#1	-170.02
#2	-168.43
#3	-170.97

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3059.9	37347.	3628.9	8.5288	3066.8
Stddev	7.9	78.	10.0	1.0025	7.8
%RSD	.25740	.20838	.27514	11.754	.25450

#1	3051.0	37402.	3625.2	8.2770	3058.6
#2	3062.6	37382.	3621.3	9.6332	3067.6
#3	3066.0	37258.	3640.2	7.6762	3074.1

Sample Name: CCV01 Acquired: 1/25/2019 11:27:28 Type: Unk
Method: P4-ICP2(v2787) 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	5.1018	5.0904	5.0656	5.0629	5.1088	10.411	10.292	.25381
Stddev	.0165	.0037	.0052	.0227	.0113	.060	.083	.00104
%RSD	.32319	.07339	.10253	.44843	.22126	.57424	.80440	.40992
#1	5.1009	5.0867	5.0605	5.0724	5.1129	10.342	10.206	.25479
#2	5.1187	5.0904	5.0709	5.0793	5.1174	10.442	10.371	.25391
#3	5.0857	5.0942	5.0652	5.0370	5.0960	10.448	10.299	.25272
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5090	F 26.697	1.0494	2.5029	1.2791	5.2000	2.5868	25.511
Stddev	.0023	.310	.0039	.0011	.0015	.4016	.0033	.193
%RSD	.09132	1.1616	.37301	.04532	.11627	7.7221	.12604	.75561
#1	2.5105	26.340	1.0481	2.5036	1.2808	5.2104	2.5857	25.289
#2	2.5101	26.897	1.0537	2.5035	1.2786	4.7933	2.5904	25.613
#3	2.5063	26.854	1.0462	2.5016	1.2780	5.5962	2.5842	25.631
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5034	1.3059	25.342	2.5375	2.5533	25.543	5.1017	5.1931
Stddev	.0022	.0027	.158	.0033	.2081	.143	.0208	.0221
%RSD	.08664	.20719	.62514	.12890	8.1481	.55827	.40747	.42556
#1	2.5025	1.3068	25.159	2.5406	2.5595	25.405	5.1108	5.1792
#2	2.5059	1.3080	25.430	2.5379	2.3422	25.690	5.1164	5.1815
#3	2.5018	1.3028	25.436	2.5341	2.7582	25.533	5.0779	5.2186
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0084	5.1917	5.0433	5.1423	5.2014	5.042	F 5.3435	F 4.5529
Stddev	.0125	.0296	.0132	.0264	.0500	.021	.0480	.0447
%RSD	.24996	.57028	.26077	.51330	.96025	.4213	.89768	.98070
#1	5.0066	5.1637	5.0510	5.1164	5.1453	5.056	5.2902	4.6045
#2	5.0218	5.2227	5.0509	5.1411	5.2411	5.052	5.3833	4.5272
#3	4.9969	5.1886	5.0282	5.1692	5.2178	5.018	5.3570	4.5270

Sample Name: CCV01 Acquired: 1/25/2019 11:27:28 Type: Unk
Method: P4-ICP2(v2787) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.5841
Stddev .4346
%RSD 12.126

#1 3.8689
#2 3.0838
#3 3.7995

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3292.3	40439.	3679.1	8.3594	3413.1
Stddev	11.8	102.	14.4	.6794	6.9
%RSD	.35991	.25218	.39006	8.1278	.20187

#1	3285.9	40323.	3683.1	8.2909	3406.0
#2	3285.0	40477.	3663.1	9.0705	3413.4
#3	3306.0	40516.	3691.0	7.7169	3419.8

Sample Name: LLCCV01 Acquired: 1/25/2019 11:31:30 Type: Unk
Method: P4-ICP2(v2780) 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	.01679	.03879	.01140	.01993	.04683	.09981	.10108	.00520
Stddev	.00331	.00157	.00057	.00016	.00053	.00977	.00739	.00006
%RSD	19.682	4.0504	5.0167	.79137	1.1241	9.7843	7.3073	1.1477
#1	.01302	.03929	.01153	.01981	.04622	.09168	.09746	.00523
#2	.01919	.03702	.01077	.02011	.04710	.11064	.10958	.00525
#3	.01816	.04004	.01189	.01988	.04716	.09711	.09620	.00514
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00490	1.8694	.00883	.02762	.01880	.09837	.01939	1.8903
Stddev	.00012	.0124	.00034	.00030	.00026	.03146	.00010	.0410
%RSD	2.4767	.66348	3.8602	1.1015	1.3883	31.984	.53180	2.1710
#1	.00497	1.8762	.00879	.02727	.01906	.06345	.01934	1.8785
#2	.00498	1.8769	.00851	.02783	.01881	.12450	.01951	1.8565
#3	.00476	1.8551	.00919	.02775	.01854	.10717	.01934	1.9359
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03603	.00942	1.7733	.03737	.03722	1.7539	.17726	.10208
Stddev	.00017	.00026	.0079	.00050	.00668	.0652	.00042	.00365
%RSD	.47209	2.7801	.44430	1.3448	17.935	3.7158	.23780	3.5759
#1	.03597	.00937	1.7757	.03747	.03091	1.6823	.17761	.10530
#2	.03622	.00918	1.7796	.03781	.03655	1.8098	.17679	.10283
#3	.03589	.00970	1.7645	.03682	.04421	1.7696	.17737	.09812
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .04056	.36352	.03673	.04157	.01750	F .0135	.01852	F 2.5945
Stddev	.03166	.00801	.00145	.00107	.00319	.0012	.00038	.1393
%RSD	78.052	2.2036	3.9467	2.5646	18.213	9.010	2.0325	5.3679
#1	.06166	.36886	.03789	.04194	.01929	.0139	.01875	2.6202
#2	.05586	.36739	.03510	.04240	.01939	.0121	.01873	2.4441
#3	.00416	.35431	.03720	.04037	.01382	.0144	.01809	2.7191

Sample Name: LLCCV01 Acquired: 1/25/2019 11:31:30 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .73795
Stddev .61410
%RSD 83.218

#1 .03235
#2 1.1517
#3 1.0298

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3502.1	43492.	3799.1	9.1644	3899.6
Stddev	9.4	41.	61.6	1.5642	4.0
%RSD	.26827	.09438	1.6202	17.068	.10298

#1	3500.7	43526.	3744.8	10.752	3897.9
#2	3512.1	43447.	3786.5	9.1159	3904.1
#3	3493.4	43504.	3866.0	7.6250	3896.6

Sample Name: CCB01 Acquired: 1/25/2019 11:35:57 Type: Unk
Method: P4-ICP2(v2780) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00168	-.00069	-.00015	.00240	.00103	.01190	.00319	.00007
Stddev	.00124	.00152	.00019	.00074	.00154	.00960	.00353	.00004
%RSD	73.674	220.41	126.22	30.893	150.05	80.706	110.73	52.838
#1	-.00134	-.00008	-.00032	.00219	.00245	.00805	.00624	.00010
#2	-.00305	.00043	-.00017	.00323	-.00061	.02283	.00401	.00006
#3	-.00065	-.00242	.00005	.00179	.00125	.00482	-.00068	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00479	-.00012	.00003	.00022	.01752	.00002	-.00409
Stddev	.00008	.00569	.00037	.00031	.00040	.03241	.00003	.05514
%RSD	84.874	118.77	305.22	973.02	179.14	185.00	146.36	1347.3
#1	.00018	.00140	-.00054	.00025	.00040	-.00415	.00000	.05233
#2	.00004	-.00978	.00004	.00017	.00051	.05478	.00000	-.05785
#3	.00005	-.00598	.00014	-.00032	-.00024	.00193	.00005	-.00676
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	-.00042	-.06924	-.00015	-.00022	-.07486	-.00018	.00810
Stddev	.00041	.00056	.00640	.00030	.00010	.02924	.00006	.00288
%RSD	145.96	134.78	9.2438	208.37	47.754	39.065	33.008	35.541
#1	-.00017	-.00105	-.06294	.00015	-.00033	-.04202	-.00020	.00617
#2	.00062	-.00023	-.07573	-.00046	-.00017	-.09808	-.00011	.01140
#3	.00040	.00003	-.06905	-.00013	-.00014	-.08447	-.00022	.00672
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01202	.00177	.00026	.00916	-.00042	-.0015	.00005	F 2.7908
Stddev	.01554	.00215	.00020	.00219	.00112	.0009	.00009	.0630
%RSD	129.24	122.02	78.010	23.850	267.59	57.42	177.72	2.2582
#1	.01840	.00363	.00003	.01040	.00080	-.0024	.00015	2.7242
#2	-.00569	.00227	.00041	.00664	-.00065	-.0007	.00001	2.7989
#3	.02336	-.00059	.00035	.01045	-.00140	-.0014	-.00001	2.8495

Sample Name: CCB01 Acquired: 1/25/2019 11:35:57 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .80743
Stddev	.68446
%RSD	84.770

#1	1.5795
#2	.27516
#3	.56760

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3490.2	43443.	3753.0	9.4977	3952.5
Stddev	8.6	26.	1.5	.6190	20.5
%RSD	.24656	.05969	.03883	6.5178	.51952

#1	3499.3	43455.	3751.4	10.177	3976.0
#2	3482.1	43461.	3753.4	8.9659	3937.8
#3	3489.3	43413.	3754.2	9.3500	3943.8

Sample Name: LR CHRCK 1 Acquired: 1/25/2019 11:48:18 Type: Unk
Method: P4-ICP2(v2780) 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	.01423	-.04521	.06827	-.29625	.08075	F 2134.4	-.00872
Stddev	.00250	.00133	.02150	.02307	.00224	11.8	.00349
%RSD	17.588	2.9344	31.499	7.7872	2.7695	.55239	40.037

#1	.01701	-.04377	.06031	-.28278	.07836	2120.9	-.00668
#2	.01216	-.04547	.05187	-.28309	.08109	2142.6	-.00674
#3	.01351	-.04639	.09261	-.32289	.08280	2139.7	-.01276

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00459	.00433	F 1905.4	-.00032	.04605	.05684	815.03
Stddev	.00020	.01209	16.8	.00301	.00016	.01808	100.29
%RSD	4.3101	279.27	.88318	944.86	.33846	31.814	12.305

#1	.00440	-.00230	1896.5	-.00169	.04612	.04814	872.51
#2	.00458	-.00299	1924.8	-.00239	.04616	.04475	873.35
#3	.00479	.01828	1895.0	.00313	.04587	.07763	699.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00591	F 1934.9	.04113	-.11481	1772.5	.00554	-.00863
Stddev	.00030	6.8	.00130	.01176	33.4	.00037	.00109
%RSD	5.0541	.35334	3.1545	10.247	1.8855	6.6005	12.567

#1	.00563	1929.2	.04088	-.10906	1809.1	.00542	-.00895
#2	.00623	1942.5	.04254	-.10702	1743.6	.00524	-.00953
#3	.00587	1933.0	.03998	-.12834	1764.9	.00595	-.00743

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1065.1	-.00230	-.44496	1.0631	-.01576	.06828	-.06050
Stddev	4.7	.00056	.14809	.1168	.00236	.00116	.00360
%RSD	.43954	24.230	33.282	10.983	14.946	1.7055	5.9430

#1	1063.3	-.00281	-.34339	1.0316	-.01566	.06945	-.06162
#2	1070.4	-.00239	-.37661	.96539	-.01346	.06825	-.06341
#3	1061.6	-.00170	-.61488	1.1924	-.01816	.06712	-.05648

Sample Name: LR CHRCK 1 Acquired: 1/25/2019 11:48:18 Type: Unk
Method: P4-ICP2(v2780) 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	.19892	.0497	-.87878	6.2506	F<.00000
Stddev	.00379	.0047	.11023	.2085	2.8704
%RSD	1.9046	9.449	12.544	3.3350	.18974

#1	.20329	.0514	-.94211	6.4662	-1515.0
#2	.19675	.0533	-.94273	6.0501	-1513.9
#3	.19671	.0444	-.75150	6.2355	-1509.6

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2266.8	28029.	3220.0	10.808	1902.9
Stddev	3.4	83.	8.0	1.402	7.9
%RSD	.14913	.29701	.24703	12.975	.41568

#1	2263.2	27955.	3222.5	9.9758	1897.8
#2	2267.3	28119.	3211.0	10.021	1912.0
#3	2269.9	28013.	3226.3	12.427	1898.8

Sample Name: LR CHRCK 2 Acquired: 1/25/2019 11:53:13 Type: Unk
Method: P4-ICP2(v2780) 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	.00246	-.00257	238.86	.02207	-.03452	7.9400	F 102.05	-.00146
Stddev	.00074	.00297	1.66	.00322	.00114	.0532	.69	.00006
%RSD	30.229	115.71	.69317	14.591	3.2997	.66954	.67131	3.8103
#1	.00165	-.00565	238.19	.02360	-.03326	7.9042	101.36	-.00148
#2	.00312	.00028	237.64	.02425	-.03548	8.0011	102.07	-.00151
#3	.00261	-.00233	240.74	.01837	-.03481	7.9148	102.73	-.00140
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00857	10.783	-.13004	.00045	F 271.18	9.1158	43.914	9.8048
Stddev	.00010	.044	.00087	.00024	1.68	1.6501	.058	.0799
%RSD	1.2043	.40873	.67092	53.645	.61892	18.101	.13171	.81499
#1	-.00845	10.739	-.12982	.00028	269.49	7.3912	43.861	9.7152
#2	-.00859	10.781	-.12930	.00072	271.19	10.680	43.976	9.8308
#3	-.00865	10.827	-.13100	.00034	272.85	9.2766	43.905	9.8685
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 50.639	.00741	11.334	-.01860	F 36.407	5.1700	-.00624	.00164
Stddev	.226	.00006	.071	.00062	6.721	.0383	.00042	.00322
%RSD	.44559	.80903	.62850	3.3430	18.460	.74168	6.7838	196.06
#1	50.553	.00748	11.325	-.01860	29.377	5.2141	-.00610	.00261
#2	50.470	.00740	11.267	-.01921	42.769	5.1510	-.00671	-.00195
#3	50.896	.00736	11.409	-.01797	37.075	5.1448	-.00591	.00427
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03828	-.01011	.00493	.02301	.00261	.1509	-.00805	3.8661
Stddev	.03396	.00141	.00105	.00418	.00270	.0034	.00170	.1799
%RSD	88.733	13.976	21.357	18.187	103.61	2.257	21.080	4.6529
#1	-.06303	-.00979	.00613	.02349	.00157	.1496	-.00630	3.6622
#2	-.05224	-.00889	.00416	.01860	.00568	.1547	-.00969	3.9339
#3	.00044	-.01166	.00451	.02693	.00058	.1483	-.00816	4.0023

Sample Name: LR CHRCK 2 Acquired: 1/25/2019 11:53:13 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	21.709
Stddev	.977
%RSD	4.5004

#1	21.023
#2	22.828
#3	21.276

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2957.4	41585.	3839.6	7.1513	3407.8
Stddev	22.2	29.	33.9	1.3632	19.7
%RSD	.75130	.06885	.88275	19.062	.57888

#1	2975.5	41615.	3861.5	8.6461	3419.2
#2	2964.1	41559.	3856.8	5.9768	3419.1
#3	2932.6	41581.	3800.6	6.8309	3385.0

Sample Name: K1197-01 Acquired: 1/25/2019 11:57:48 Type: Unk
Method: P4-ICP2(v2780) 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	-.00070	-.00051	.01958	-.00020	.00038	.16415	.00915	.00001
Stddev	.00182	.00079	.00167	.00219	.00146	.00819	.00414	.00001
%RSD	258.88	154.81	8.5516	1087.9	380.16	4.9873	45.216	104.87

#1	-.00142	.00036	.01807	-.00226	.00075	.17265	.01163	.00001
#2	-.00206	-.00070	.01928	-.00045	-.00122	.16347	.01143	.00003
#3	.00137	-.00118	.02138	.00210	.00162	.15632	.00437	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.63036	.00106	.00012	.08514	.12561	.00433	.15317
Stddev	.00001	.00480	.00042	.00021	.00244	.02867	.00003	.03171
%RSD	3.1786	.76123	39.294	170.21	2.8645	22.827	.73708	20.705

#1	.00026	.62833	.00134	.00018	.08306	.12133	.00430	.18713
#2	.00026	.62690	.00125	.00030	.08455	.09932	.00432	.12433
#3	.00027	.63584	.00058	-.00011	.08783	.15619	.00436	.14804

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09762	-.00015	.28346	-.00007	.27949	.22017	.00028	.04542
Stddev	.00066	.00022	.00890	.00009	.00743	.04005	.00021	.00668
%RSD	.67971	148.45	3.1410	124.15	2.6587	18.189	75.711	14.718

#1	.09778	-.00020	.27457	-.00002	.28250	.25106	.00021	.04491
#2	.09689	.00009	.29237	-.00017	.28495	.17493	.00011	.03900
#3	.09819	-.00035	.28344	-.00002	.27103	.23453	.00051	.05234

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	1.0981	.00051	.00908	.00075	.0056	.00159	2.3006
Stddev	.02205	.0135	.00089	.00101	.00264	.0001	.00008	.3446
%RSD	7857.3	1.2264	175.98	11.158	351.07	2.401	4.8115	14.979

#1	-.01007	1.1086	.00151	.00928	-.00142	.0056	.00156	2.0050
#2	.02560	1.1027	-.00020	.00799	-.00002	.0057	.00167	2.6791
#3	-.01469	1.0829	.00021	.00999	.00369	.0055	.00153	2.2176

Sample Name: K1197-01 Acquired: 1/25/2019 11:57:48 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev 1.4106
 %RSD 165.48

#1 -2.4804
 #2 .00446
 #3 -.08130

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3575.2	45065.	3942.3	9.8424	4102.5
Stddev	29.9	360.	36.2	.2688	29.9
%RSD	.83750	.79821	.91825	2.7314	.72997

#1	3565.9	45468.	3912.5	9.7250	4082.1
#2	3608.7	44947.	3931.8	9.6523	4136.9
#3	3551.0	44779.	3982.6	10.150	4088.5

Sample Name: K1232-01 Acquired: 1/25/2019 12:02:14 Type: Unk
Method: P4-ICP2(v2780) 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	.00195	-.00464	.00677	.00142	-.00027	.31312	.91282	.00013
Stddev	.00275	.00201	.00128	.00249	.00061	.00531	.00320	.00004
%RSD	141.01	43.242	18.862	175.63	222.74	1.6968	.35086	28.018
#1	.00273	-.00529	.00815	.00158	-.00097	.31023	.91370	.00017
#2	-.00111	-.00239	.00562	-.00115	.00008	.30987	.90927	.00010
#3	.00423	-.00624	.00655	.00383	.00008	.31925	.91550	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	96.424	-.00022	.00198	.09874	.46445	.14161	27.878
Stddev	.00003	.171	.00017	.00007	.00072	.01777	.00030	.046
%RSD	63.573	.17694	79.253	3.6912	.72846	3.8251	.21285	.16420
#1	-.00005	96.522	-.00034	.00194	.09946	.48003	.14189	27.866
#2	-.00007	96.523	-.00002	.00206	.09873	.44510	.14129	27.840
#3	-.00001	96.227	-.00029	.00193	.09802	.46821	.14165	27.929
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01340	-.00036	48.349	.00069	.23491	335.09	.05000	.10197
Stddev	.00035	.00062	.118	.00038	.02141	.84	.00019	.01340
%RSD	2.5809	172.05	.24412	55.101	9.1129	.24963	.37387	13.142
#1	.01319	-.00101	48.220	.00027	.23959	335.81	.04981	.10735
#2	.01380	-.00033	48.451	.00101	.21155	335.29	.05018	.08672
#3	.01321	.00024	48.376	.00079	.25359	334.17	.05003	.11185
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 35.131	3.5681	-.00619	.01847	.01246	F 43.57	.88531	4.5887
Stddev	.074	.0476	.00090	.00240	.00123	.18	.00090	.0793
%RSD	.21177	1.3341	14.540	12.974	9.8450	.4180	.10161	1.7287
#1	35.216	3.6174	-.00702	.01972	.01233	43.45	.88630	4.5212
#2	35.078	3.5647	-.00633	.01571	.01375	43.78	.88508	4.5688
#3	35.099	3.5223	-.00523	.01999	.01131	43.48	.88454	4.6760

Sample Name: K1232-01 Acquired: 1/25/2019 12:02:14 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.7508
Stddev	1.3925
%RSD	24.214

#1	7.1055
#2	4.3234
#3	5.8234

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3148.5	39497.	3906.2	9.5292	3309.2
Stddev	12.9	46.	36.6	.8774	8.4
%RSD	.41066	.11759	.93658	9.2079	.25342

#1	3155.7	39537.	3866.4	9.3167	3312.8
#2	3133.6	39508.	3913.8	10.493	3299.6
#3	3156.2	39446.	3938.4	8.7775	3315.1

Sample Name: K1216-01 Acquired: 1/25/2019 12:06:34 Type: Unk
Method: P4-ICP2(v2780) 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	.37202	-.04804	1.1032	-.00449	.03761	69.088	1.0631
Stddev	.00089	.00249	.0076	.00851	.00138	.467	.0044
%RSD	.23930	5.1925	.68461	189.47	3.6569	.67559	.41610

#1	.37108	-.04551	1.1053	-.00288	.03852	68.564	1.0582
#2	.37213	-.05050	1.1096	-.01370	.03603	69.458	1.0668
#3	.37285	-.04811	1.0949	.00310	.03828	69.241	1.0643

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00435	.00456	166.03	.68711	.07720	1.0300	166.42
Stddev	.00018	.00249	.71	.00352	.00020	.0045	23.32
%RSD	4.0669	54.498	.42541	.51272	.25841	.43540	14.010

#1	.00436	.00387	165.23	.68375	.07707	1.0294	172.11
#2	.00416	.00732	166.29	.69078	.07709	1.0348	140.79
#3	.00452	.00249	166.57	.68679	.07743	1.0259	186.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8465	40.384	.18490	-.00800	6.4163	.24100	1.7574
Stddev	.0164	.068	.00054	.00336	.0459	.00053	.2504
%RSD	.33879	.16833	.29258	42.067	.71468	.21949	14.248

#1	4.8491	40.308	.18515	-.00684	6.4692	.24130	1.8276
#2	4.8615	40.439	.18528	-.01179	6.3891	.24039	1.4794
#3	4.8290	40.405	.18428	-.00536	6.3905	.24131	1.9651

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.186	.02062	.17251	F 14.241	1.6274	.05914	2.4705
Stddev	.128	.00014	.02947	.045	.0094	.00043	.0080
%RSD	.33549	.68221	17.082	.31450	.57939	.73167	.32230

#1	38.244	.02061	.18439	14.202	1.6376	.05962	2.4649
#2	38.039	.02049	.13895	14.290	1.6191	.05877	2.4668
#3	38.274	.02077	.19418	14.231	1.6256	.05903	2.4796

Sample Name: K1216-01 Acquired: 1/25/2019 12:06:34 Type: Unk
 Method: P4-ICP2(v2780) 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	.10174	F 11.46	.54828	1.9048	F<.00000
Stddev	.00199	.05	.02494	.0672	.81291
%RSD	1.9600	.4599	4.5492	3.5279	.21896
#1	.10369	11.44	.53968	1.8833	-370.60
#2	.10181	11.52	.57638	1.9802	-372.16
#3	.09971	11.42	.52877	1.8511	-370.99
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3514.6	44618.	4412.7	10.333	3318.6
Stddev	3.5	136.	25.4	1.562	7.4
%RSD	.10006	.30488	.57458	15.115	.22402
#1	3512.9	44756.	4394.8	9.7902	3318.0
#2	3512.2	44484.	4441.7	12.094	3311.6
#3	3518.6	44613.	4401.7	9.1149	3326.4

Sample Name: K1220-01 Acquired: 1/25/2019 12:10:50 Type: Unk
Method: P4-ICP2(v2780) 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	.01330	-.07028	.06397	-.10993	.01952	404.51	.41650
Stddev	.00174	.00241	.00875	.01280	.00324	1.08	.00401
%RSD	13.106	3.4274	13.686	11.642	16.595	.26708	.96179

#1	.01263	-.07198	.06321	-.11234	.01583	403.97	.41385
#2	.01528	-.07134	.07308	-.12135	.02188	405.75	.41454
#3	.01200	-.06752	.05562	-.09610	.02085	403.80	.42111

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02994	.00070	1.8512	.33136	.09465	.12505	409.21
Stddev	.00017	.00526	.1391	.00203	.00052	.00915	46.75
%RSD	.55427	752.92	7.5119	.61302	.54670	7.3135	11.425

#1	.03013	.00176	1.8684	.33077	.09414	.12482	402.79
#2	.02982	.00534	1.9809	.33362	.09518	.13431	366.00
#3	.02986	-.00501	1.7044	.32968	.09464	.11603	458.84

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3000	9.3693	.31619	-.05991	.20502	.24913	.24899
Stddev	.0032	.0587	.00128	.00621	.00985	.00105	.02757
%RSD	.24587	.62619	.40499	10.371	4.8064	.42178	11.071

#1	1.2973	9.3048	.31479	-.06046	.21230	.24957	.24727
#2	1.3036	9.3836	.31731	-.06584	.20894	.24990	.22233
#3	1.2992	9.4194	.31645	-.05345	.19381	.24793	.27738

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0379	-.00166	-.29826	1.6364	3.7135	.01793	2.8893
Stddev	.0147	.00011	.07872	.0284	.0125	.00135	.0077
%RSD	.29083	6.6262	26.393	1.7376	.33738	7.5054	.26558

#1	5.0520	-.00153	-.30415	1.6569	3.7002	.01879	2.8981
#2	5.0227	-.00169	-.37388	1.6039	3.7151	.01638	2.8840
#3	5.0389	-.00175	-.21677	1.6483	3.7252	.01863	2.8859

Sample Name: K1220-01 Acquired: 1/25/2019 12:10:50 Type: Unk
Method: P4-ICP2(v2780) 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	.08869	F 31.16	-.39657	<.00000	F<.00000
Stddev	.00123	.08	.05148	.10568	5.0753
%RSD	1.3911	.2620	12.980	19.644	.38559
#1	.08884	31.10	-.38933	-.56840	-1311.1
#2	.08985	31.26	-.34909	-.42043	-1321.2
#3	.08739	31.14	-.45128	-.62513	-1316.4
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3702.2	44994.	4472.8	13.323	3227.7
Stddev	6.8	134.	14.4	1.482	2.1
%RSD	.18435	.29675	.32188	11.127	.06368
#1	3709.0	44885.	4487.8	13.334	3225.3
#2	3695.3	44954.	4471.6	14.801	3229.0
#3	3702.2	45143.	4459.0	11.836	3228.7

Sample Name: K1220-01DUP Acquired: 1/25/2019 12:15:08 Type: Unk
Method: P4-ICP2(v2780) 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	.01209	-.07006	.06234	-.10258	.01819	399.31	.42055
Stddev	.00224	.00455	.01036	.01308	.00124	.86	.00339
%RSD	18.559	6.4917	16.612	12.756	6.7948	.21479	.80684

#1	.01176	-.07505	.07248	-.11473	.01908	398.54	.42086
#2	.01004	-.06614	.05178	-.08873	.01870	400.23	.42379
#3	.01449	-.06899	.06278	-.10427	.01678	399.15	.41702

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02972	-.00180	1.7559	.33320	.09641	.12049	432.56
Stddev	.00012	.00472	.1192	.00143	.00028	.00738	42.25
%RSD	.41136	262.70	6.7861	.42776	.28741	6.1211	9.7680

#1	.02970	.00314	1.8898	.33474	.09609	.12766	388.15
#2	.02985	-.00627	1.6616	.33193	.09652	.11292	472.26
#3	.02961	-.00227	1.7164	.33295	.09661	.12090	437.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2951	9.5719	.31635	-.05658	.17165	.24937	.26574
Stddev	.0009	.0990	.00156	.00493	.00857	.00205	.02519
%RSD	.07132	1.0342	.49211	8.7128	4.9936	.82046	9.4789

#1	1.2943	9.6647	.31456	-.06202	.17018	.24751	.23900
#2	1.2961	9.5833	.31737	-.05241	.18086	.25156	.28903
#3	1.2948	9.4677	.31713	-.05532	.16391	.24905	.26919

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9726	-.00133	-.26571	1.6436	3.6355	.01862	2.9000
Stddev	.0606	.00044	.07131	.0374	.0433	.00099	.0378
%RSD	1.2176	33.347	26.838	2.2784	1.1919	5.2903	1.3038

#1	4.9969	-.00151	-.34067	1.6214	3.6598	.01770	2.9433
#2	5.0171	-.00165	-.19872	1.6226	3.6613	.01852	2.8827
#3	4.9036	-.00082	-.25774	1.6868	3.5855	.01966	2.8739

Sample Name: K1220-01DUP Acquired: 1/25/2019 12:15:08 Type: Unk
Method: P4-ICP2(v2780) 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	.08811	F 31.10	-.42241	<.00000	F<.00000
Stddev	.00119	.17	.04691	.07702	2.6572
%RSD	1.3470	.5464	11.106	8.3887	.20276
#1	.08723	30.91	-.37275	-.83169	-1312.7
#2	.08946	31.17	-.46598	-.94308	-1307.5
#3	.08765	31.23	-.42851	-.97952	-1311.3
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3718.2	45349.	4437.2	12.517	3223.0
Stddev	.7	53.	38.0	1.208	16.3
%RSD	.01869	.11765	.85615	9.6500	.50626
#1	3718.5	45351.	4406.0	13.813	3241.7
#2	3718.8	45295.	4426.0	11.423	3211.3
#3	3717.5	45402.	4479.5	12.316	3216.1

Sample Name: K1220-01LX5 Acquired: 1/25/2019 12:19:26 Type: Unk
Method: P4-ICP2(v2780) 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	.00485	-.01161	.00801	-.01402	.00470	86.083	.08900
Stddev	.00196	.00047	.00267	.00285	.00195	.591	.00434
%RSD	40.460	4.0055	33.343	20.291	41.402	.68699	4.8767

#1	.00485	-.01108	.00557	-.01401	.00246	85.400	.08932
#2	.00289	-.01185	.01087	-.01687	.00601	86.412	.09317
#3	.00681	-.01191	.00759	-.01118	.00562	86.436	.08451

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00623	-.00510	.35985	.07370	.01810	.02444	120.67
Stddev	.00006	.00116	.03577	.00035	.00010	.00200	9.44
%RSD	1.0213	22.747	9.9407	.47084	.55026	8.2002	7.8258

#1	.00617	-.00611	.31907	.07344	.01801	.02297	128.87
#2	.00623	-.00383	.38592	.07357	.01821	.02673	110.35
#3	.00630	-.00534	.37456	.07409	.01808	.02364	122.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29476	2.1756	.05925	-.00983	.02451	.05495	.07259
Stddev	.00114	.0328	.00046	.00081	.01059	.00079	.00641
%RSD	.38647	1.5071	.78074	8.2430	43.193	1.4408	8.8360

#1	.29369	2.1566	.05956	-.00941	.03306	.05451	.07860
#2	.29463	2.1568	.05872	-.01077	.02779	.05447	.06584
#3	.29596	2.2135	.05946	-.00932	.01267	.05586	.07332

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2520	-.00054	-.01540	.33594	.86174	.00440	.65149
Stddev	.0374	.00039	.00988	.00334	.00863	.00093	.01367
%RSD	2.9882	73.105	64.134	.99506	1.0013	21.213	2.0977

#1	1.2091	-.00098	-.00475	.33256	.85824	.00345	.63618
#2	1.2692	-.00021	-.02426	.33601	.85542	.00443	.65580
#3	1.2778	-.00043	-.01718	.33925	.87157	.00532	.66248

Sample Name: K1220-01LX5 Acquired: 1/25/2019 12:19:26 Type: Unk
 Method: P4-ICP2(v2780) 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	.02134	6.067	-.12066	3.0948	F<.00000
Stddev	.00190	.014	.01052	.1497	1.0428
%RSD	8.9166	.2317	8.7156	4.8386	.41011

#1	.01956	6.078	-.12984	3.2615	-255.31
#2	.02335	6.071	-.10918	3.0514	-253.22
#3	.02110	6.051	-.12295	2.9716	-254.26

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.5	43046.	4056.0	9.6271	3633.9
Stddev	22.1	45.	41.2	.8471	5.6
%RSD	.63311	.10432	1.0160	8.7990	.15336

#1	3513.4	42999.	4081.9	8.8822	3639.6
#2	3485.3	43088.	4077.6	10.549	3628.5
#3	3469.8	43051.	4008.5	9.4505	3633.4

Sample Name: K1220-01MS Acquired: 1/25/2019 12:23:47 Type: Unk
Method: P4-ICP2(v2780) 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	.72021	2.0400	1.1088	1.6393	.26086	443.87	.61281
Stddev	.00425	.0047	.0025	.0045	.00479	17.22	.02413
%RSD	.59078	.23179	.22701	.27336	1.8364	3.8784	3.9370

#1	.71771	2.0383	1.1059	1.6438	.25670	463.56	.61942
#2	.72512	2.0364	1.1098	1.6348	.26610	436.41	.63295
#3	.71779	2.0454	1.1107	1.6394	.25977	431.65	.58607

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22541	.20685	2.7465	.79466	.31309	.39338	460.49
Stddev	.00967	.00417	.1550	.03520	.00069	.01001	33.72
%RSD	4.2885	2.0143	5.6434	4.4300	.21970	2.5456	7.3221

#1	.23656	.20218	2.7179	.83510	.31301	.38323	495.32
#2	.22040	.21019	2.9138	.77808	.31244	.40325	428.01
#3	.21928	.20818	2.6078	.77082	.31381	.39366	458.14

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5243	11.757	.87340	.01273	2.8509	.53863	.44201
Stddev	.0681	.344	.00208	.00315	.0706	.02439	.03355
%RSD	4.4679	2.9227	.23824	24.776	2.4759	4.5276	7.5906

#1	1.6028	11.829	.87269	.01478	2.8747	.56674	.47635
#2	1.4886	12.058	.87177	.00910	2.9065	.52593	.40931
#3	1.4815	11.383	.87574	.01430	2.7715	.52321	.44036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.683	.35827	-.02051	1.6544	3.6634	.76120	3.1357
Stddev	.396	.00189	.05399	.0149	.1189	.00603	.0892
%RSD	2.8956	.52683	263.23	.90219	3.2445	.79271	2.8461

#1	13.770	.35685	.02267	1.6562	3.7266	.75645	3.1696
#2	14.029	.36041	-.08104	1.6683	3.7372	.75916	3.2031
#3	13.251	.35755	-.00316	1.6386	3.5263	.76799	3.0345

Sample Name: K1220-01MS Acquired: 1/25/2019 12:23:47 Type: Unk
Method: P4-ICP2(v2780) 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	.28063	F 38.68	-.26054	<.00000	F<.00000
Stddev	.00666	.22	.03970	.71924	9.3955
%RSD	2.3722	.5708	15.237	259.99	.66988

#1	.28440	38.53	-.29699	.55356	-1413.4
#2	.28454	38.57	-.21824	-.67213	-1397.6
#3	.27294	38.93	-.26640	-.71135	-1396.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3707.6	44572.	4483.5	12.290	3186.6
Stddev	27.8	1703.	127.6	.914	22.7
%RSD	.74882	3.8215	2.8468	7.4375	.71176

#1	3737.1	42614.	4449.2	11.373	3202.7
#2	3703.6	45394.	4376.5	13.201	3196.3
#3	3682.0	45709.	4624.8	12.298	3160.6

Sample Name: K1220-01MSD Acquired: 1/25/2019 12:27:58 Type: Unk
Method: P4-ICP2(v2780) 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	.72879	2.0789	1.1264	1.6535	.27060	447.41	.63139
Stddev	.00464	.0060	.0103	.0100	.00307	1.65	.00873
%RSD	.63649	.28710	.91182	.60627	1.1330	.36887	1.3829

#1	.72598	2.0720	1.1146	1.6593	.27344	447.03	.62958
#2	.73415	2.0828	1.1334	1.6593	.27101	449.23	.62371
#3	.72625	2.0819	1.1312	1.6420	.26735	445.99	.64089

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22465	.20935	2.8052	.79625	.31941	.39651	473.11
Stddev	.00116	.00148	.0609	.00486	.00158	.00349	7.00
%RSD	.51595	.70460	2.1729	.61048	.49397	.88078	1.4799

#1	.22487	.20785	2.7382	.79970	.31766	.39250	480.03
#2	.22568	.20941	2.8199	.79835	.31984	.39888	473.27
#3	.22340	.21080	2.8574	.79069	.32073	.39816	466.03

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5266	12.141	.89018	.01435	2.9281	.53925	.45338
Stddev	.0078	.095	.00632	.00102	.0089	.00309	.00836
%RSD	.51183	.78471	.71003	7.1233	.30431	.57301	1.8449

#1	1.5294	12.051	.88450	.01537	2.9202	.54138	.46244
#2	1.5326	12.132	.89699	.01434	2.9263	.54067	.45173
#3	1.5177	12.241	.88905	.01333	2.9378	.53571	.44596

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.992	.36212	-.03493	1.6871	3.7492	.77842	3.2469
Stddev	.037	.00062	.00443	.0640	.0141	.00528	.0216
%RSD	.26286	.17200	12.691	3.7945	.37717	.67868	.66528

#1	13.956	.36141	-.04001	1.6270	3.7483	.77333	3.2365
#2	14.030	.36258	-.03291	1.7544	3.7356	.78388	3.2325
#3	13.990	.36237	-.03187	1.6801	3.7638	.77806	3.2717

Sample Name: K1220-01MSD Acquired: 1/25/2019 12:27:58 Type: Unk
Method: P4-ICP2(v2780) 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	.29101	F 39.27	-.26804	<.00000	F<.00000
Stddev	.00022	.12	.00858	.10685	1.8508
%RSD	.07530	.3130	3.2021	46.981	.13172
#1	.29123	39.13	-.27626	-.12423	-1405.0
#2	.29080	39.34	-.26873	-.22047	-1407.0
#3	.29101	39.35	-.25913	-.33760	-1403.4
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3665.1	44550.	4402.4	11.971	3131.8
Stddev	4.4	243.	18.4	.217	14.6
%RSD	.12074	.54556	.41902	1.8168	.46552
#1	3668.9	44364.	4384.9	11.742	3148.7
#2	3660.3	44462.	4421.7	11.997	3124.3
#3	3666.2	44825.	4400.7	12.174	3122.6

Sample Name: CCV02 Acquired: 1/25/2019 12:59:05 Type: Unk
Method: P4-ICP2(v2780) 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	5.0938	5.0876	5.0779	5.0279	5.1503	10.732	10.200	.25578
Stddev	.0149	.0142	.0080	.0099	.0134	.016	.058	.00051
%RSD	.29180	.27965	.15703	.19629	.25977	.14546	.56761	.19806
#1	5.0822	5.0718	5.0737	5.0257	5.1535	10.750	10.154	.25612
#2	5.1105	5.0996	5.0871	5.0387	5.1618	10.721	10.181	.25602
#3	5.0886	5.0913	5.0728	5.0194	5.1357	10.726	10.265	.25519
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4987	26.573	1.0419	2.5011	1.2696	5.4121	2.5875	24.451
Stddev	.0040	.244	.0021	.0011	.0030	.6294	.0045	.173
%RSD	.16116	.91764	.19661	.04385	.23936	11.629	.17426	.70722
#1	2.4964	26.297	1.0395	2.5001	1.2708	5.9203	2.5897	24.251
#2	2.5033	26.660	1.0432	2.5023	1.2719	4.7081	2.5905	24.550
#3	2.4963	26.761	1.0429	2.5010	1.2662	5.6078	2.5823	24.552
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4709	1.3068	24.383	2.4957	2.6393	24.370	5.0411	5.0023
Stddev	.0054	.0027	.123	.0040	.3341	.163	.0182	.0347
%RSD	.21900	.20781	.50474	.16008	12.658	.66685	.36050	.69454
#1	2.4653	1.3089	24.272	2.4998	2.9094	24.219	5.0398	4.9622
#2	2.4761	1.3037	24.360	2.4954	2.2657	24.350	5.0599	5.0234
#3	2.4712	1.3078	24.515	2.4918	2.7427	24.542	5.0236	5.0213
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0596	5.0253	4.9770	5.1265	5.0455	5.055	5.4621	4.6966
Stddev	.0318	.0405	.0176	.0391	.0389	.020	.0465	.0484
%RSD	.62759	.80641	.35469	.76357	.77034	.3886	.85215	1.0308
#1	5.0230	4.9785	4.9582	5.0813	5.0099	5.032	5.4217	4.6411
#2	5.0799	5.0482	4.9932	5.1482	5.0395	5.067	5.4515	4.7302
#3	5.0760	5.0493	4.9796	5.1500	5.0870	5.066	5.5130	4.7184

Sample Name: CCV02 Acquired: 1/25/2019 12:59:05 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1569
Stddev .7440
%RSD 34.492

#1 3.0051
#2 1.6146
#3 1.8511

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3247.0	40073.	3758.9	7.9870	3363.9
Stddev	10.7	119.	23.6	1.0759	4.9
%RSD	.33034	.29733	.62782	13.471	.14421

#1	3240.0	39936.	3785.3	7.1545	3359.7
#2	3241.7	40129.	3739.9	9.2018	3362.7
#3	3259.4	40154.	3751.5	7.6045	3369.2

Sample Name: CCB02 Acquired: 1/25/2019 13:03:47 Type: Unk
Method: P4-ICP2(v2780) 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	-.00091	.00101	.00077	-.00144	.00194	.00168	.00285
Stddev	.00014	.00135	.00075	.00138	.00176	.00565	.00225
%RSD	15.574	133.40	98.043	95.294	90.851	335.85	78.788

#1	-.00082	.00194	.00097	-.00295	.00308	-.00470	.00377
#2	-.00108	-.00054	.00140	-.00026	.00282	.00603	.00450
#3	-.00084	.00163	-.00006	-.00112	-.00009	.00372	.00029

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00012	-.00982	.00009	-.00013	.00063	.01319
Stddev	.00008	.00003	.00544	.00039	.00020	.00072	.00771
%RSD	110.00	26.181	55.391	437.15	158.44	114.38	58.418

#1	.00016	.00015	-.01601	-.00034	-.00017	.00002	.00541
#2	.00001	.00013	-.00766	.00042	.00009	.00044	.01333
#3	.00004	.00009	-.00579	.00019	-.00031	.00142	.02082

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.03046	.00028	.00057	-.03623	-.00012	.00102
Stddev	.00002	.06705	.00039	.00023	.00617	.00021	.00024
%RSD	42.419	220.09	138.74	41.376	17.027	173.79	23.094

#1	.00004	-.10643	-.00004	.00065	-.02923	-.00003	.00130
#2	.00005	.02048	.00071	.00030	-.04088	-.00036	.00089
#3	.00008	-.00544	.00017	.00074	-.03858	.00003	.00089

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15560	.00010	.01212	F .03365	.00561	.00045	.00559
Stddev	.02577	.00003	.00482	.02560	.00082	.00010	.00426
%RSD	16.563	29.420	39.743	76.062	14.531	22.604	76.350

#1	.18511	.00009	.01145	.01078	.00493	.00034	.00712
#2	.14413	.00014	.01724	.06131	.00652	.00054	.00887
#3	.13755	.00008	.00768	.02887	.00539	.00049	.00077

Sample Name: CCB02 Acquired: 1/25/2019 13:03:47 Type: Unk
 Method: P4-ICP2(v2780) 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	.00185	-.0020	.00007	F 2.9475	F<.00000
Stddev	.00034	.0006	.00003	.1306	.75306
%RSD	18.515	27.69	42.703	4.4309	89.531
#1	.00204	-.0026	.00005	2.9056	-1.5676
#2	.00146	-.0016	.00011	3.0939	-.89163
#3	.00207	-.0017	.00006	2.8430	-.06408
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3375.2	42797.	3829.3	9.8205	3832.0
Stddev	1.4	149.	20.7	1.0007	3.8
%RSD	.04139	.34833	.53975	10.190	.10043
#1	3376.8	42678.	3816.1	8.6659	3832.0
#2	3374.3	42748.	3818.7	10.357	3828.1
#3	3374.5	42964.	3853.2	10.439	3835.8

Sample Name: K1220-01A Acquired: 1/25/2019 13:08:16 Type: Unk
Method: P4-ICP2(v2780) 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	.72745	2.0506	1.1085	1.6398	.26754	440.37	.62212
Stddev	.00345	.0046	.0092	.0222	.00477	1.19	.00232
%RSD	.47433	.22432	.82531	1.3570	1.7833	.27120	.37370

#1	.72473	2.0459	1.1158	1.6271	.26264	439.03	.61969
#2	.73133	2.0507	1.1115	1.6269	.26783	441.32	.62433
#3	.72629	2.0551	1.0983	1.6655	.27216	440.77	.62233

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22305	.20410	2.7677	.78261	.31161	.38476	487.79
Stddev	.00115	.00624	.0909	.00579	.00050	.00587	43.13
%RSD	.51772	3.0595	3.2857	.73920	.16112	1.5260	8.8416

#1	.22327	.20673	2.7713	.77924	.31184	.38727	473.37
#2	.22407	.20860	2.8569	.78929	.31104	.38897	453.72
#3	.22179	.19697	2.6751	.77929	.31196	.37805	536.28

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4986	11.733	.87135	.01689	2.8398	.53170	.47079
Stddev	.0043	.039	.00135	.00516	.0087	.00157	.04119
%RSD	.28506	.33534	.15478	30.545	.30702	.29488	8.7486

#1	1.4988	11.710	.87225	.01615	2.8303	.53270	.45705
#2	1.5027	11.711	.87200	.01214	2.8417	.53250	.43822
#3	1.4942	11.779	.86980	.02238	2.8475	.52989	.51708

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.645	.35790	.01595	1.6825	4.0206	.76282	3.1758
Stddev	.017	.00120	.07314	.0061	.0309	.00192	.0073
%RSD	.12472	.33554	458.53	.36124	.76812	.25208	.23151

#1	13.653	.35686	-.00888	1.6884	3.9856	.76068	3.1840
#2	13.656	.35763	-.04154	1.6827	4.0439	.76440	3.1698
#3	13.625	.35922	.09828	1.6763	4.0324	.76338	3.1736

Sample Name: K1220-01A Acquired: 1/25/2019 13:08:16 Type: Unk
Method: P4-ICP2(v2780) 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	.28422	F 38.79	-.28607	.12147	F<.00000
Stddev	.00288	.10	.04640	.20945	2.3257
%RSD	1.0137	.2481	16.221	172.43	.16617

#1	.28106	38.86	-.27170	-.07758	-1398.2
#2	.28671	38.82	-.24855	.33995	-1398.4
#3	.28487	38.68	-.33796	.10203	-1402.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3660.1	44396.	4407.5	11.405	3151.9
Stddev	8.2	160.	17.9	.948	9.6
%RSD	.22285	.36062	.40609	8.3136	.30372

#1	3667.6	44464.	4428.0	11.684	3143.8
#2	3661.2	44213.	4394.8	12.182	3149.5
#3	3651.4	44510.	4399.7	10.348	3162.4

Sample Name: K1220-03 Acquired: 1/25/2019 13:12:28 Type: Unk
Method: P4-ICP2(v2780) 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	.26436	-.04689	.73514	-.03154	.01066	260.82	1.2814
Stddev	.00179	.00184	.00737	.00683	.00079	1.44	.0025
%RSD	.67731	3.9201	1.0023	21.658	7.4566	.55292	.19428

#1	.26638	-.04482	.73902	-.03778	.01141	260.24	1.2843
#2	.26376	-.04752	.73976	-.03261	.00983	259.75	1.2799
#3	.26296	-.04833	.72664	-.02424	.01075	262.46	1.2800

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02212	.00293	50.875	.31260	.15684	.15873	335.45
Stddev	.00014	.00254	.092	.00126	.00043	.00347	21.90
%RSD	.63119	86.789	.18020	.40301	.27123	2.1841	6.5287

#1	.02220	.00436	50.976	.31401	.15683	.15954	323.44
#2	.02196	.00443	50.797	.31218	.15728	.16172	322.18
#3	.02221	-.00001	50.853	.31160	.15643	.15493	360.73

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.1086	28.440	.20833	-.02230	.17296	.30895	.64351
Stddev	.0295	.185	.00088	.00231	.00671	.00093	.03991
%RSD	.48239	.65090	.42163	10.351	3.8790	.29954	6.2013

#1	6.1395	28.635	.20803	-.02338	.17167	.30990	.62366
#2	6.1054	28.267	.20932	-.02386	.18022	.30806	.61743
#3	6.0808	28.417	.20764	-.01965	.16699	.30888	.68945

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4774	.00573	-.01228	2.7514	1.9332	.04038	1.4519
Stddev	.0347	.00033	.03472	.0235	.0055	.00046	.0112
%RSD	.40953	5.7804	282.84	.85257	.28340	1.1511	.77291

#1	8.5141	.00546	-.02841	2.7248	1.9392	.03988	1.4389
#2	8.4730	.00610	-.03600	2.7694	1.9284	.04046	1.4580
#3	8.4451	.00563	.02758	2.7599	1.9322	.04080	1.4587

Sample Name: K1220-03 Acquired: 1/25/2019 13:12:28 Type: Unk
Method: P4-ICP2(v2780) 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	.07984	F 31.66	-.28340	<.00000	F<.00000
Stddev	.00200	.18	.02394	.05120	4.6687
%RSD	2.5016	.5731	8.4465	.85331	.46548
#1	.07801	31.78	-.27031	-5.9714	-1004.2
#2	.07955	31.74	-.26886	-6.0598	-1006.9
#3	.08197	31.45	-.31103	-5.9709	-997.81
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4745.0	58588.	5805.6	12.255	3147.5
Stddev	5.5	128.	15.5	.726	12.3
%RSD	.11588	.21801	.26744	5.9229	.39009
#1	4748.0	58600.	5789.8	12.634	3139.3
#2	4738.6	58709.	5806.3	12.713	3141.6
#3	4748.3	58454.	5820.8	11.418	3161.6

Sample Name: PB116599BL Acquired: 1/25/2019 13:16:55 Type: Unk
Method: P4-ICP2(v2780) 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	-.00183	-.00119	.00106	.00080	.00131	.02117	.00811
Stddev	.00166	.00124	.00027	.00055	.00110	.00924	.00465
%RSD	90.929	104.03	25.645	68.554	83.451	43.633	57.275

#1	-.00369	-.00016	.00111	.00084	.00033	.03046	.01338
#2	-.00048	-.00085	.00077	.00023	.00249	.02106	.00634
#3	-.00132	-.00257	.00131	.00133	.00112	.01199	.00461

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00013	.00060	-.00037	-.00023	.00040	-.00749
Stddev	.00005	.00006	.01573	.00043	.00011	.00017	.00761
%RSD	223.00	51.044	2610.1	115.71	45.975	42.015	101.54

#1	.00006	.00019	.01178	-.00087	-.00020	.00053	-.00569
#2	-.00004	.00013	.00741	-.00013	-.00035	.00045	-.01584
#3	.00005	.00006	-.01738	-.00011	-.00014	.00021	-.00095

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.02689	.00021	.00011	-.03976	-.00012	.00001
Stddev	.00002	.03283	.00008	.00022	.00586	.00030	.00010
%RSD	118.47	122.11	37.991	195.37	14.737	244.05	933.64

#1	-.00004	-.01076	.00028	.00023	-.04117	.00022	-.00011
#2	-.00000	.04955	.00024	.00025	-.03332	-.00037	.00008
#3	-.00001	.04187	.00012	-.00014	-.04478	-.00022	.00006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10460	.00001	.00489	F .03299	.00360	-.00029	.00638
Stddev	.02818	.00019	.00275	.02190	.00174	.00021	.00295
%RSD	26.943	1252.8	56.164	66.395	48.395	70.948	46.201

#1	.12296	.00019	.00769	.02151	.00395	-.00036	.00876
#2	.07215	-.00018	.00480	.05824	.00513	-.00046	.00729
#3	.11869	.00003	.00219	.01921	.00171	-.00006	.00308

Sample Name: PB116599BL Acquired: 1/25/2019 13:16:55 Type: Unk
Method: P4-ICP2(v2780) 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	.00306	-.0014	.00019	F 3.1256	F<.00000
Stddev	.00145	.0015	.00004	.0889	.65957
%RSD	47.354	103.0	21.396	2.8438	173.99

#1	.00224	-.0017	.00023	3.2052	.12308
#2	.00221	-.0027	.00016	3.0297	-1.1261
#3	.00474	.0002	.00017	3.1420	-.13426

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3422.1	42979.	3841.9	9.5258	3867.1
Stddev	27.2	78.	29.1	.9815	7.1
%RSD	.79405	.18155	.75704	10.304	.18364

#1	3400.2	42952.	3808.3	10.659	3859.9
#2	3452.5	42919.	3859.0	8.9591	3874.1
#3	3413.6	43067.	3858.3	8.9591	3867.2

Sample Name: PB116599BS Acquired: 1/25/2019 13:21:25 Type: Unk
Method: P4-ICP2(v2780) 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	.76783	1.9992	.96414	1.9299	.79191	2.0494	.21002
Stddev	.00341	.0100	.00556	.0056	.00179	.0018	.00487
%RSD	.44424	.50099	.57641	.29009	.22603	.08877	2.3202

#1	.76390	2.0071	.96840	1.9234	.79223	2.0491	.20543
#2	.76978	1.9879	.95786	1.9328	.79352	2.0478	.20951
#3	.76983	2.0026	.96618	1.9335	.78998	2.0514	.21513

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19509	.18595	1.0780	.41125	.19265	.31295	3.0814
Stddev	.00037	.00088	.0162	.00006	.00101	.00070	.4189
%RSD	.18761	.47463	1.4988	.01451	.52403	.22241	13.593

#1	.19497	.18671	1.0699	.41132	.19362	.31280	2.6082
#2	.19550	.18498	1.0675	.41124	.19161	.31371	3.4047
#3	.19480	.18617	1.0966	.41120	.19271	.31234	3.2314

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20822	2.0147	.47958	.07394	2.9726	.29331	.20267
Stddev	.00056	.0552	.00161	.00026	.0061	.00150	.02819
%RSD	.26906	2.7396	.33530	.35635	.20403	.51309	13.912

#1	.20873	1.9653	.48123	.07421	2.9733	.29456	.17032
#2	.20832	2.0044	.47801	.07369	2.9662	.29374	.22200
#3	.20762	2.0743	.47951	.07391	2.9783	.29164	.21569

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8497	.40167	.30489	F .04521	.94689	.66776	.20678
Stddev	.0528	.00026	.00983	.02432	.00276	.00430	.00164
%RSD	.53643	.06475	3.2242	53.805	.29144	.64392	.79377

#1	9.7888	.40137	.29603	.01832	.94534	.67086	.20763
#2	9.8821	.40181	.30317	.06569	.94526	.66285	.20782
#3	9.8783	.40183	.31547	.05162	.95008	.66956	.20489

Sample Name: PB116599BS Acquired: 1/25/2019 13:21:25 Type: Unk
 Method: P4-ICP2(v2780) 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	.20562	5.331	.21540	F 3.4933	F<.00000
Stddev	.00124	.028	.00164	.2131	.81364
%RSD	.60238	.5336	.76291	6.1007	6.9298

#1	.20455	5.351	.21378	3.7244	-11.785
#2	.20698	5.299	.21707	3.4509	-10.907
#3	.20533	5.344	.21536	3.3046	-12.532

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3374.6	42459.	3798.9	8.6515	3737.6
Stddev	1.2	171.	14.5	1.2662	18.3
%RSD	.03648	.40371	.38208	14.635	.48892

#1	3373.5	42295.	3815.5	10.107	3721.6
#2	3375.9	42445.	3789.0	7.8023	3757.5
#3	3374.2	42637.	3792.0	8.0455	3733.6

Sample Name: PB116599TB Acquired: 1/25/2019 13:25:33 Type: Unk
Method: P4-ICP2(v2780) 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	-.00289	-.00202	.00236	.00031	.00238	.01972	-.00199	.00000
Stddev	.00222	.00125	.00048	.00312	.00152	.01458	.00324	.00003
%RSD	76.859	61.665	20.406	1021.9	63.912	73.952	162.38	815.58
#1	-.00323	-.00277	.00287	.00091	.00236	.00325	-.00203	-.00003
#2	-.00052	-.00058	.00229	.00309	.00391	.02492	.00126	.00004
#3	-.00492	-.00272	.00192	-.00308	.00087	.03099	-.00521	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00313	.00021	-.00038	.00075	.01583	.00016	.01590
Stddev	.00006	.00207	.00044	.00019	.00028	.01693	.00005	.03137
%RSD	727.70	66.301	211.99	49.784	37.976	106.96	30.608	197.29
#1	-.00002	.00489	.00069	-.00016	.00055	.03144	.00015	.00159
#2	-.00006	.00084	-.00018	-.00049	.00062	.01822	.00012	-.00576
#3	.00005	.00366	.00011	-.00050	.00107	-.00217	.00022	.05187
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00299	.00281	F 340.62	-.00022	.00144	.30444	.00007	.00407
Stddev	.00030	.00071	1.13	.00061	.00013	.06608	.00023	.00987
%RSD	10.008	25.219	.33303	281.56	8.6980	21.704	336.52	242.54
#1	.00287	.00211	339.55	-.00092	.00146	.25057	-.00010	.00001
#2	.00277	.00279	341.81	.00023	.00131	.28459	-.00002	.01533
#3	.00333	.00353	340.50	.00003	.00156	.37817	.00032	-.00313
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .06899	.01115	.00146	.00383	.00271	-.0030	.00010	5.1039
Stddev	.00713	.00073	.00034	.00121	.00055	.0010	.00002	.2633
%RSD	10.329	6.5706	23.197	31.584	20.466	33.10	15.518	5.1589
#1	.07463	.01191	.00183	.00520	.00228	-.0034	.00011	5.3225
#2	.07138	.01107	.00118	.00337	.00251	-.0019	.00008	5.1776
#3	.06098	.01045	.00137	.00291	.00334	-.0038	.00011	4.8116

Sample Name: PB116599TB Acquired: 1/25/2019 13:25:33 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.9015
Stddev	1.1560
%RSD	29.628

#1	3.7977
#2	5.1059
#3	2.8010

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3147.1	38657.	3790.3	9.4106	3275.3
Stddev	31.1	505.	16.4	.5060	34.3
%RSD	.98851	1.3070	.43306	5.3764	1.0465

#1	3148.8	38299.	3773.0	9.4295	3280.6
#2	3115.2	38437.	3805.6	9.9068	3238.7
#3	3177.4	39235.	3792.4	8.8955	3306.6

Sample Name: PB116592BL Acquired: 1/25/2019 13:30:10 Type: Unk
Method: P4-ICP2(v2780) 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	.00023	-.00141	.00039	-.00030	.00108	.00356	.00232
Stddev	.00081	.00086	.00082	.00258	.00151	.00881	.00162
%RSD	346.23	60.945	212.60	852.51	140.18	247.29	69.799

#1	.00107	-.00095	.00115	-.00118	-.00028	.00300	.00295
#2	-.00054	-.00241	-.00048	-.00233	.00271	.01263	.00048
#3	.00016	-.00088	.00049	.00260	.00080	-.00495	.00353

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00014	-.00865	.00019	-.00023	.00064	.00509
Stddev	.00009	.00004	.00179	.00039	.00009	.00015	.00103
%RSD	183.11	26.999	20.682	208.41	37.778	23.294	20.213

#1	.00007	.00015	-.01043	-.00003	-.00023	.00067	.00600
#2	.00013	.00018	-.00685	-.00004	-.00014	.00078	.00397
#3	-.00005	.00010	-.00868	.00065	-.00032	.00048	.00529

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.01495	.00035	-.00008	.05952	-.00018	-.00022
Stddev	.00005	.00419	.00022	.00066	.01696	.00023	.00022
%RSD	73.366	28.039	62.782	807.45	28.498	124.66	99.888

#1	.00002	-.01898	.00054	-.00083	.06714	-.00002	-.00022
#2	.00012	-.01062	.00011	.00040	.07134	-.00044	-.00000
#3	.00007	-.01526	.00042	.00019	.04009	-.00008	-.00044

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17224	.00004	.00171	F .03911	.00156	.00040	.00634
Stddev	.03570	.00033	.00338	.02808	.00131	.00023	.00329
%RSD	20.725	792.33	197.40	71.795	83.749	57.684	51.865

#1	.20902	-.00001	.00562	.02110	.00272	.00067	.00687
#2	.16996	-.00026	-.00009	.02476	.00182	.00022	.00282
#3	.13774	.00039	-.00039	.07147	.00014	.00032	.00933

Sample Name: PB116592BL Acquired: 1/25/2019 13:30:10 Type: Unk
Method: P4-ICP2(v2780) 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	.00139	-.0010	.00016	F 3.1672	F<.00000
Stddev	.00149	.0014	.00008	.0359	.34586
%RSD	107.31	134.3	50.030	1.1325	78.201

#1	.00140	-.0020	.00018	3.1412	-.78210
#2	-.00010	-.0015	.00007	3.2081	-.45400
#3	.00288	.0005	.00022	3.1523	-.09069

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3402.6	42941.	3830.4	9.5917	3826.2
Stddev	10.6	51.	23.9	1.5823	6.2
%RSD	.31225	.11807	.62319	16.497	.16086

#1	3398.6	42939.	3827.0	10.189	3833.1
#2	3414.7	42993.	3855.7	7.7977	3821.3
#3	3394.6	42892.	3808.3	10.789	3824.3

Sample Name: PB116592BS Acquired: 1/25/2019 13:34:36 Type: Unk
Method: P4-ICP2(v2780) 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	.80950	2.1332	1.0267	2.0383	.83635	2.1825	.23006
Stddev	.00334	.0057	.0048	.0080	.00213	.0322	.00350
%RSD	.41285	.26972	.46513	.39098	.25501	1.4743	1.5201

#1	.81298	2.1271	1.0214	2.0443	.83810	2.1519	.22665
#2	.80921	2.1385	1.0283	2.0414	.83699	2.1796	.23364
#3	.80631	2.1340	1.0305	2.0293	.83397	2.2161	.22989

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20849	.19884	1.1366	.43789	.20617	.33133	3.0777
Stddev	.00056	.00023	.0033	.00133	.00025	.00063	.2431
%RSD	.26755	.11634	.29010	.30312	.12257	.19016	7.8985

#1	.20824	.19857	1.1330	.43667	.20604	.33125	2.8071
#2	.20809	.19901	1.1395	.43770	.20601	.33199	3.2776
#3	.20913	.19893	1.1374	.43930	.20646	.33074	3.1485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22286	2.1242	.51048	.07751	3.2192	.31238	.20342
Stddev	.00057	.0167	.00105	.00067	.0128	.00085	.01826
%RSD	.25579	.78558	.20659	.85989	.39843	.27220	8.9785

#1	.22275	2.1080	.50953	.07703	3.2233	.31225	.18267
#2	.22236	2.1233	.51030	.07827	3.2294	.31160	.21706
#3	.22348	2.1413	.51161	.07724	3.2048	.31328	.21052

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.511	.42518	.32427	F .01087	1.0210	.71040	.21946
Stddev	.022	.00022	.00292	.02454	.0047	.00228	.00325
%RSD	.20849	.05124	.89949	225.65	.45606	.32144	1.4831

#1	10.489	.42524	.32742	.03308	1.0166	.70826	.21661
#2	10.511	.42536	.32374	.01501	1.0258	.71013	.22301
#3	10.533	.42494	.32166	-.01547	1.0205	.71280	.21877

Sample Name: PB116592BS Acquired: 1/25/2019 13:34:36 Type: Unk
 Method: P4-ICP2(v2780) 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	.21798	5.677	.22753	F 3.2808	F<.00000
Stddev	.00396	.005	.00092	.2027	2.2650
%RSD	1.8180	.0865	.40376	6.1767	16.768

#1	.21972	5.683	.22648	3.0582	-12.420
#2	.21345	5.676	.22789	3.3296	-11.992
#3	.22078	5.673	.22821	3.4545	-16.112

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3396.8	42252.	3777.2	9.0985	3734.0
Stddev	16.4	103.	9.2	.8140	5.1
%RSD	.48193	.24443	.24258	8.9466	.13776

#1	3379.6	42363.	3786.6	10.027	3728.3
#2	3398.8	42159.	3768.3	8.5091	3735.2
#3	3412.1	42235.	3776.7	8.7591	3738.4

Sample Name: K1003-01 Acquired: 1/25/2019 13:38:42 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-02-012319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09422	-.03208	.29525	-.05290	.01171	262.41	.61522
Stddev	.00048	.00637	.01476	.02372	.00086	.77	.00425
%RSD	.50624	19.853	4.9976	44.832	7.3589	.29363	.69160

#1	.09445	-.03235	.29543	-.05051	.01258	261.52	.61179
#2	.09454	-.02558	.28040	-.03048	.01169	262.87	.61998
#3	.09367	-.03831	.30991	-.07773	.01086	262.85	.61389

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01289	-.00444	26.382	.34714	.08833	.17533	371.33
Stddev	.00013	.00947	.293	.00223	.00041	.01633	81.66
%RSD	1.0441	213.43	1.1093	.64269	.46103	9.3146	21.991

#1	.01280	-.00438	26.074	.34585	.08818	.17564	369.63
#2	.01284	-.01394	26.417	.34586	.08879	.15884	453.82
#3	.01305	.00500	26.656	.34972	.08802	.19150	290.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4111	18.732	.16919	-.03229	1.2199	.59031	.39581
Stddev	.0008	.080	.00034	.00944	.0060	.00570	.08639
%RSD	.05906	.42564	.19822	29.230	.49527	.96479	21.826

#1	1.4113	18.694	.16895	-.03244	1.2147	.58970	.39527
#2	1.4101	18.824	.16905	-.02278	1.2265	.59629	.48247
#3	1.4118	18.679	.16958	-.04166	1.2184	.58494	.30969

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7317	.00434	-.06700	2.9517	2.6737	.02005	1.1553
Stddev	.0157	.00052	.12451	.0810	.0276	.00096	.0025
%RSD	.20237	12.085	185.83	2.7449	1.0302	4.7816	.21434

#1	7.7380	.00491	-.06082	2.9356	2.6605	.01916	1.1575
#2	7.7433	.00420	.05430	3.0395	2.7053	.02106	1.1526
#3	7.7139	.00389	-.19449	2.8799	2.6552	.01993	1.1557

Sample Name: K1003-01 Acquired: 1/25/2019 13:38:42 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BU-02-012319 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11426	6.402	-.32176	<.00000	F<.00000
Stddev	.00051	.011	.08953	.18824	6.3488
%RSD	.44331	.1646	27.825	7.4131	.61312
#1	.11379	6.393	-.32032	-2.5516	-1040.0
#2	.11419	6.399	-.41200	-2.7211	-1038.2
#3	.11480	6.414	-.23296	-2.3452	-1028.2
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4112.2	50904.	5005.6	11.881	3217.4
Stddev	5.5	118.	30.8	2.653	11.1
%RSD	.13427	.23274	.61508	22.334	.34598
#1	4111.4	51037.	5041.1	11.525	3220.9
#2	4118.1	50867.	4988.3	9.4236	3226.3
#3	4107.1	50809.	4987.3	14.695	3204.9

Sample Name: K1016-03 Acquired: 1/25/2019 13:42:59 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-RO-1-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05691	-.09983	.55758	-.02924	.00812	234.42	.80025
Stddev	.00090	.00283	.00684	.01127	.00202	.38	.00665
%RSD	1.5871	2.8358	1.2268	38.547	24.866	.16021	.83097

#1	.05645	-.09877	.55902	-.03057	.00589	234.11	.80187
#2	.05795	-.10304	.56359	-.03978	.00865	234.31	.79294
#3	.05633	-.09769	.55014	-.01736	.00982	234.84	.80594

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01289	-.00578	78.652	.36560	.16376	.35893	318.66
Stddev	.00011	.00302	.281	.00166	.00064	.00539	26.56
%RSD	.83880	52.171	.35777	.45330	.39352	1.5030	8.3353

#1	.01280	-.00537	78.702	.36426	.16302	.36165	314.02
#2	.01301	-.00299	78.349	.36745	.16403	.36242	294.72
#3	.01285	-.00898	78.905	.36508	.16422	.35272	347.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6154	78.312	.28802	-.01841	10.727	.51295	.87336
Stddev	.0442	.491	.00058	.00374	.028	.00236	.07229
%RSD	.78716	.62684	.20288	20.298	.25656	.46036	8.2775

#1	5.6150	78.138	.28766	-.01886	10.740	.51032	.86438
#2	5.6599	77.932	.28769	-.02190	10.695	.51367	.80598
#3	5.5715	78.866	.28869	-.01447	10.746	.51487	.94973

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.167	.00411	.35711	4.3756	2.1432	.02965	4.5301
Stddev	.222	.00012	.04378	.0206	.0126	.00101	.0042
%RSD	.43374	2.8885	12.259	.47022	.58918	3.4161	.09186

#1	51.238	.00420	.34397	4.3856	2.1388	.03011	4.5325
#2	50.918	.00398	.32141	4.3520	2.1334	.03035	4.5253
#3	51.345	.00416	.40595	4.3893	2.1574	.02849	4.5325

Sample Name: K1016-03 Acquired: 1/25/2019 13:42:59 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-RO-1-0 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.35999	7.691	.06296	<.00000	F<.00000
Stddev	.00208	.009	.02738	.02661	3.0800
%RSD	.57840	.1183	43.494	1.7631	.40626
#1	.36172	7.681	.06989	-1.5319	-755.13
#2	.36056	7.699	.08621	-1.4799	-761.29
#3	.35768	7.693	.03277	-1.5159	-758.02
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4016.9	49672.	4933.1	9.9966	3062.2
Stddev	11.3	132.	22.1	.8162	4.7
%RSD	.28013	.26486	.44785	8.1646	.15208
#1	4004.7	49567.	4912.6	10.056	3056.8
#2	4026.8	49628.	4956.5	10.781	3065.3
#3	4019.3	49820.	4930.2	9.1522	3064.3

Sample Name: K1016-05 Acquired: 1/25/2019 13:47:25 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-RO-2-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04869	-.03302	.32472	-.02386	.00544	161.11	.74713
Stddev	.00207	.00148	.00208	.00566	.00064	.47	.01022
%RSD	4.2526	4.4888	.63925	23.744	11.855	.29234	1.3685

#1	.04677	-.03449	.32600	-.02254	.00469	161.33	.73607
#2	.05089	-.03305	.32584	-.03006	.00580	161.42	.74907
#3	.04840	-.03152	.32233	-.01896	.00582	160.57	.75624

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00855	-.00475	67.217	.24870	.11093	.72840	224.87
Stddev	.00010	.00104	.447	.00098	.00034	.00350	9.78
%RSD	1.1124	21.803	.66429	.39246	.30737	.48086	4.3512

#1	.00859	-.00461	66.868	.24827	.11070	.72711	223.27
#2	.00844	-.00379	67.063	.24981	.11076	.73237	215.98
#3	.00861	-.00585	67.720	.24800	.11132	.72573	235.35

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7884	43.193	.19587	-.01612	4.3466	.47223	.57538
Stddev	.0050	.346	.00132	.00118	.0252	.00262	.02512
%RSD	.18105	.80164	.67484	7.3174	.57903	.55518	4.3661

#1	2.7935	43.334	.19623	-.01622	4.3313	.47230	.57098
#2	2.7882	42.799	.19440	-.01724	4.3328	.47481	.55274
#3	2.7834	43.447	.19697	-.01489	4.3756	.46957	.60240

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.021	.00387	.09526	4.8789	1.5656	.01705	1.5740
Stddev	.031	.00020	.02237	.0424	.0239	.00039	.0072
%RSD	.31364	5.3002	23.488	.86925	1.5289	2.2719	.45702

#1	9.9907	.00367	.08998	4.9272	1.5606	.01747	1.5709
#2	10.019	.00408	.07599	4.8481	1.5445	.01670	1.5689
#3	10.054	.00386	.11980	4.8613	1.5916	.01698	1.5823

Sample Name: K1016-05 Acquired: 1/25/2019 13:47:25 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-RO-2-0 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16769	5.883	.00704	<.00000	F<.00000
Stddev	.00388	.010	.00941	.06893	3.2350
%RSD	2.3140	.1747	133.59	22.718	.59947

#1	.16410	5.894	.00686	-.33466	-539.33
#2	.16717	5.875	.01654	-.22439	-536.58
#3	.17181	5.878	-.00227	-.35119	-543.02

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3905.4	48581.	4741.5	10.337	3274.0
Stddev	3.1	188.	33.8	.452	5.9
%RSD	.08050	.38739	.71350	4.3731	.18073

#1	3907.0	48465.	4766.9	10.414	3267.4
#2	3907.4	48480.	4754.4	10.745	3278.8
#3	3901.8	48798.	4703.1	9.8509	3275.7

Sample Name: CCV03 Acquired: 1/25/2019 14:04:44 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14493 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1101	5.0662	5.0441	5.0592	5.1767	10.811	10.112	.25338
Stddev	.0061	.0202	.0226	.0155	.0101	.135	.072	.00051
%RSD	.11902	.39931	.44781	.30675	.19436	1.2516	.71099	.20260
#1	5.1072	5.0891	5.0702	5.0459	5.1658	10.664	10.195	.25384
#2	5.1171	5.0588	5.0304	5.0762	5.1856	10.840	10.079	.25283
#3	5.1060	5.0507	5.0317	5.0555	5.1786	10.930	10.063	.25347
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4835	26.272	1.0352	2.4837	1.2713	4.6889	2.5567	24.035
Stddev	.0098	.083	.0033	.0104	.0037	.6964	.0043	.036
%RSD	.39646	.31777	.32113	.41986	.29520	14.852	.16612	.14803
#1	2.4948	26.191	1.0369	2.4957	1.2675	3.9332	2.5584	24.067
#2	2.4785	26.267	1.0314	2.4787	1.2750	5.3048	2.5519	24.041
#3	2.4772	26.358	1.0374	2.4768	1.2715	4.8288	2.5598	23.997
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4559	1.2969	23.990	2.4657	2.2879	23.828	5.0509	4.9033
Stddev	.0083	.0061	.234	.0010	.2884	.171	.0142	.0117
%RSD	.33682	.46850	.97363	.04197	12.605	.71734	.28052	.23813
#1	2.4653	1.3038	24.260	2.4668	1.9850	24.024	5.0357	4.8928
#2	2.4531	1.2926	23.870	2.4647	2.5591	23.715	5.0637	4.9014
#3	2.4495	1.2943	23.842	2.4656	2.3195	23.743	5.0532	4.9159
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0671	4.9280	4.9568	5.0073	4.9543	5.067	5.4176	4.9668
Stddev	.0436	.0675	.0222	.0039	.0204	.007	.0223	.1210
%RSD	.85959	1.3694	.44769	.07698	.41110	.1352	.41208	2.4351
#1	5.0355	5.0058	4.9818	5.0088	4.9777	5.071	5.4412	5.1030
#2	5.0489	4.8862	4.9493	5.0030	4.9452	5.059	5.4146	4.9254
#3	5.1168	4.8919	4.9394	5.0102	4.9401	5.072	5.3969	4.8720

Sample Name: CCV03 Acquired: 1/25/2019 14:04:44 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14493 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.1076
Stddev	.9869
%RSD	89.108

#1	-.00559
#2	1.4527
#3	1.8756

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3197.6	39821.	3786.6	9.0767	3340.9
Stddev	6.3	81.	49.2	1.1549	18.8
%RSD	.19729	.20349	1.2981	12.723	.56147

#1	3196.4	39733.	3731.6	10.320	3319.6
#2	3192.0	39839.	3801.8	8.0383	3348.2
#3	3204.4	39892.	3826.3	8.8713	3354.9

Sample Name: CCB03 Acquired: 1/25/2019 14:08:46 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14493 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	-.00071	-.00023	.00138	.00084	.01134	.00683
Stddev	.00070	.00093	.00059	.00218	.00054	.00365	.00109
%RSD	204.99	131.00	255.73	158.15	64.393	32.170	16.007

#1	-.00056	-.00096	.00017	-.00103	.00117	.01144	.00740
#2	.00044	-.00149	-.00091	.00320	.00022	.00764	.00557
#3	-.00091	.00032	.00004	.00196	.00115	.01493	.00752

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00014	-.00611	-.00009	-.00024	.00098	.01285
Stddev	.00003	.00005	.01495	.00011	.00014	.00010	.03635
%RSD	56.190	33.880	244.59	114.19	59.338	9.7285	282.97

#1	.00002	.00009	-.00180	.00003	-.00033	.00100	.05327
#2	.00008	.00017	-.02274	-.00014	-.00031	.00106	.00243
#3	.00005	.00017	.00620	-.00017	-.00008	.00087	-.01716

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00629	.00041	.00032	-.04673	-.00014	-.00011
Stddev	.00003	.03381	.00026	.00048	.00308	.00031	.00013
%RSD	93.812	537.72	62.036	151.75	6.5886	221.72	127.93

#1	.00001	-.00880	.00034	.00030	-.04900	.00005	-.00018
#2	.00002	.02871	.00070	-.00016	-.04795	-.00050	-.00018
#3	.00006	-.03877	.00020	.00081	-.04322	.00002	.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09594	.00048	.00712	F .05458	.00493	.00093	.00351
Stddev	.01311	.00017	.00355	.01933	.00179	.00062	.00215
%RSD	13.669	35.154	49.848	35.418	36.263	66.055	61.126

#1	.11098	.00057	.00305	.06749	.00287	.00134	.00420
#2	.08691	.00028	.00957	.06388	.00587	.00123	.00523
#3	.08992	.00058	.00874	.03235	.00604	.00022	.00110

Sample Name: CCB03 Acquired: 1/25/2019 14:08:46 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14493 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00422	-.0031	.00009	F 3.3747	F<.00000
Stddev	.00392	.0006	.00004	.1624	1.5782
%RSD	92.867	20.70	47.810	4.8116	183.68

#1	.00268	-.0033	.00009	3.4297	.76735
#2	.00131	-.0024	.00014	3.5024	-.96090
#3	.00867	-.0036	.00005	3.1920	-2.3841

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3393.6	42534.	3806.9	9.1045	3833.3
Stddev	10.4	188.	23.8	.8860	11.2
%RSD	.30520	.44197	.62624	9.7316	.29316

#1	3398.7	42381.	3821.6	10.070	3838.1
#2	3400.4	42478.	3819.7	8.9136	3841.4
#3	3381.7	42744.	3779.4	8.3295	3820.5

Sample Name: K1016-07 Acquired: 1/25/2019 14:13:15 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-RO-3-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05763	-.05116	.38015	-.03872	.01074	184.98	.69570
Stddev	.00093	.00387	.01250	.01760	.00199	.93	.00359
%RSD	1.6222	7.5675	3.2890	45.452	18.534	.50108	.51605

#1	.05697	-.05315	.38327	-.04662	.01298	185.23	.69466
#2	.05870	-.05363	.39079	-.05099	.00919	183.95	.69275
#3	.05722	-.04670	.36638	-.01856	.01005	185.75	.69970

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00822	-.00731	160.56	.29790	.16565	.78040	314.00
Stddev	.00016	.00753	.70	.00402	.00030	.01431	64.28
%RSD	1.9197	103.13	.43517	1.3505	.17942	1.8343	20.472

#1	.00836	-.00433	160.02	.29525	.16543	.78299	290.74
#2	.00825	-.00172	160.32	.30253	.16552	.79324	264.59
#3	.00805	-.01587	161.35	.29593	.16598	.76497	386.68

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5027	80.312	.26262	-.02132	5.2012	.44014	.87861
Stddev	.0026	.055	.00058	.00778	.0232	.00226	.18026
%RSD	.07303	.06791	.22128	36.478	.44636	.51310	20.516

#1	3.4998	80.366	.26230	-.02376	5.1972	.43791	.81130
#2	3.5037	80.257	.26329	-.02759	5.2261	.44243	.74169
#3	3.5047	80.314	.26226	-.01262	5.1802	.44009	1.0828

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.318	.00426	.12979	5.5616	3.8274	.02472	2.5687
Stddev	.037	.00032	.10383	.0706	.0481	.00057	.0067
%RSD	.25979	7.4208	80.003	1.2693	1.2570	2.3173	.25934

#1	14.326	.00400	.09994	5.5118	3.7957	.02408	2.5641
#2	14.277	.00417	.04415	5.5307	3.8827	.02517	2.5763
#3	14.350	.00461	.24527	5.6424	3.8037	.02492	2.5657

Sample Name: K1016-07 Acquired: 1/25/2019 14:13:15 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-RO-3-0 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26496	6.191	.11860	1.3863	F<.00000
Stddev	.00294	.003	.06856	.0605	4.7298
%RSD	1.1082	.0422	57.806	4.3626	.66640

#1	.26580	6.188	.14288	1.4098	-704.72
#2	.26170	6.193	.17171	1.3176	-714.11
#3	.26740	6.191	.04121	1.4315	-710.42

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3563.4	44411.	4395.8	9.6458	3109.6
Stddev	2.5	41.	13.9	1.8127	3.8
%RSD	.06991	.09297	.31664	18.793	.12313

#1	3565.7	44425.	4411.8	10.184	3105.2
#2	3560.7	44445.	4386.2	11.128	3112.6
#3	3563.8	44365.	4389.4	7.6248	3110.9

Sample Name: K1016-07DUP Acquired: 1/25/2019 14:17:33 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-RO-3-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05725	-.05150	.38209	-.04288	.00925	186.09	.68617
Stddev	.00213	.00241	.00238	.00945	.00061	.60	.00705
%RSD	3.7293	4.6850	.62263	22.047	6.6263	.32400	1.0276

#1	.05730	-.05051	.37974	-.03360	.00952	185.41	.68468
#2	.05936	-.05426	.38202	-.04254	.00968	186.54	.67998
#3	.05509	-.04975	.38450	-.05250	.00854	186.33	.69385

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00824	-.00591	159.76	.29878	.16427	.77742	300.37
Stddev	.00006	.00308	2.39	.00149	.00012	.00691	26.03
%RSD	.72269	52.010	1.4980	.49900	.07212	.88870	8.6660

#1	.00822	-.00921	159.53	.30029	.16438	.77168	328.41
#2	.00819	-.00542	157.49	.29730	.16428	.77548	295.73
#3	.00831	-.00312	162.26	.29874	.16415	.78509	276.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5028	79.503	.26403	-.02345	5.2057	.44050	.83815
Stddev	.0050	.576	.00108	.00298	.0505	.00264	.07600
%RSD	.14137	.72488	.40920	12.705	.97069	.59966	9.0675

#1	3.5041	79.749	.26374	-.02025	5.2460	.44355	.92066
#2	3.4973	78.844	.26523	-.02395	5.1490	.43881	.82280
#3	3.5069	79.915	.26313	-.02614	5.2221	.43915	.77100

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.244	.00385	.11016	5.4898	3.8124	.02438	2.5610
Stddev	.162	.00020	.05165	.0174	.0558	.00100	.0103
%RSD	1.1340	5.1007	46.882	.31596	1.4648	4.1084	.40270

#1	14.360	.00379	.15987	5.4940	3.8618	.02343	2.5526
#2	14.060	.00368	.11384	5.4707	3.7518	.02543	2.5579
#3	14.313	.00406	.05678	5.5047	3.8237	.02427	2.5725

Sample Name: K1016-07DUP Acquired: 1/25/2019 14:17:33 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-RO-3-0 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26311	6.163	.13363	1.4851	F<.00000
Stddev	.00169	.005	.03063	.1329	1.3182
%RSD	.64062	.0740	22.923	8.9495	.18591

#1	.26190	6.167	.10331	1.3557	-707.53
#2	.26238	6.158	.13300	1.4785	-709.89
#3	.26503	6.163	.16457	1.6213	-709.73

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3569.4	44345.	4432.1	9.8813	3112.6
Stddev	9.6	7.	56.2	.8560	5.0
%RSD	.26847	.01491	1.2671	8.6629	.15932

#1	3576.0	44338.	4407.5	8.9637	3113.4
#2	3573.9	44349.	4496.4	10.022	3107.3
#3	3558.4	44350.	4392.5	10.658	3117.1

Sample Name: K1016-07LX5 Acquired: 1/25/2019 14:21:51 Type: Unk
Method: P4-ICP2(v2780) 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	.01545	-.01151	.07004	-.00649	.00218	37.324	.15152
Stddev	.00184	.00059	.00091	.00125	.00225	.189	.00358
%RSD	11.923	5.1678	1.3025	19.257	103.29	.50534	2.3622

#1	.01730	-.01115	.06941	-.00611	.00412	37.245	.15028
#2	.01543	-.01119	.07109	-.00548	.00270	37.539	.14872
#3	.01362	-.01220	.06963	-.00789	-.00029	37.187	.15555

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00166	-.00266	35.697	.06331	.02977	.17459	66.148
Stddev	.00013	.00019	.323	.00047	.00005	.00153	1.920
%RSD	7.7201	7.0091	.90372	.73572	.18330	.87837	2.9019

#1	.00151	-.00287	35.604	.06317	.02982	.17600	67.781
#2	.00176	-.00262	35.432	.06294	.02971	.17483	66.628
#3	.00171	-.00250	36.056	.06383	.02978	.17296	64.033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76308	17.372	.04677	-.00446	1.0467	.09197	.18608
Stddev	.00025	.072	.00018	.00035	.0071	.00029	.00680
%RSD	.03308	.41581	.37934	7.8178	.67546	.31227	3.6541

#1	.76333	17.290	.04677	-.00408	1.0505	.09166	.19304
#2	.76309	17.426	.04659	-.00456	1.0385	.09222	.18573
#3	.76282	17.400	.04694	-.00476	1.0510	.09203	.17946

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0345	.00108	.03016	1.0082	.46016	.00492	.54118
Stddev	.0320	.00012	.00576	.0129	.00392	.00036	.00236
%RSD	1.0546	10.743	19.106	1.2770	.85160	7.2345	.43548

#1	3.0077	.00101	.03511	1.0225	.45926	.00458	.54046
#2	3.0699	.00103	.02383	.99745	.45677	.00529	.53927
#3	3.0259	.00122	.03155	1.0047	.46445	.00488	.54381

Sample Name: K1016-07LX5 Acquired: 1/25/2019 14:21:51 Type: Unk
Method: P4-ICP2(v2780) 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	.05859	1.076	.02758	3.7025	F<.00000
Stddev	.00031	.002	.00237	.1557	1.0899
%RSD	.52183	.1765	8.6054	4.2039	.82884

#1	.05876	1.076	.02601	3.6302	-132.59
#2	.05824	1.078	.02642	3.8811	-130.41
#3	.05878	1.074	.03031	3.5962	-131.50

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3394.6	42153.	3946.5	8.9336	3560.9
Stddev	37.0	193.	21.0	.3195	3.5
%RSD	1.0890	.45772	.53181	3.5763	.09909

#1	3365.1	42042.	3928.6	8.6090	3557.9
#2	3382.6	42041.	3969.6	8.9441	3559.9
#3	3436.1	42376.	3941.3	9.2477	3564.8

Sample Name: K1016-07MS Acquired: 1/25/2019 14:26:11 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-RO-3-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79046	2.0689	1.5022	1.6655	.13354	224.66	.97881
Stddev	.00325	.0071	.0062	.0160	.00026	1.15	.00292
%RSD	.41132	.34264	.40914	.96161	.19157	.51105	.29874

#1	.79037	2.0770	1.5042	1.6674	.13327	225.98	.98190
#2	.79375	2.0636	1.4953	1.6804	.13356	224.15	.97609
#3	.78725	2.0662	1.5070	1.6486	.13378	223.86	.97844

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20512	.20953	118.99	.73097	.40081	.80414	296.08
Stddev	.00026	.00545	.10	.00279	.00086	.00701	44.04
%RSD	.12447	2.5995	.08472	.38136	.21447	.87187	14.873

#1	.20542	.21095	119.02	.73235	.39982	.80773	282.54
#2	.20495	.20352	118.88	.72776	.40126	.79606	345.30
#3	.20500	.21413	119.07	.73279	.40136	.80863	260.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9549	81.267	.84683	.04385	8.4386	.73119	1.2283
Stddev	.0063	.201	.00129	.00531	.0337	.00244	.1841
%RSD	.15840	.24733	.15277	12.115	.39932	.33368	14.986

#1	3.9585	81.279	.84801	.04214	8.4345	.73063	1.1708
#2	3.9477	81.462	.84704	.04981	8.4742	.72908	1.4342
#3	3.9585	81.060	.84545	.03961	8.4072	.73386	1.0798

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.948	.33231	.37641	4.3245	2.1395	.72114	2.5747
Stddev	.034	.00051	.06090	.0484	.0129	.00100	.0107
%RSD	.13246	.15328	16.179	1.1186	.60245	.13833	.41365

#1	25.911	.33267	.35672	4.3788	2.1278	.72095	2.5732
#2	25.980	.33254	.44472	4.2862	2.1533	.72024	2.5860
#3	25.953	.33173	.32779	4.3084	2.1374	.72221	2.5649

Sample Name: K1016-07MS Acquired: 1/25/2019 14:26:11 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-RO-3-0 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.49665	F 12.35	.29527	1.5156	F<.00000
Stddev	.00339	.05	.04684	.1334	1.6350
%RSD	.68224	.4014	15.862	8.8044	.21183

#1	.49288	12.33	.31039	1.6364	-773.70
#2	.49763	12.32	.24275	1.5380	-771.36
#3	.49943	12.41	.33269	1.3724	-770.55

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3546.2	44123.	4319.1	10.884	3078.9
Stddev	4.7	136.	11.9	1.535	11.4
%RSD	.13131	.30889	.27624	14.108	.36875

#1	3549.0	43975.	4329.0	11.273	3083.7
#2	3548.7	44153.	4305.8	9.1912	3087.1
#3	3540.8	44243.	4322.4	12.187	3065.9

Sample Name: K1016-07MSD Acquired: 1/25/2019 14:30:23 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-RO-3-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78655	2.0729	1.5010	1.6565	.13292	224.21	.98296
Stddev	.00300	.0092	.0008	.0106	.00299	.72	.00146
%RSD	.38149	.44220	.05066	.63862	2.2460	.31996	.14887

#1	.78539	2.0807	1.5007	1.6632	.13424	223.66	.98142
#2	.78429	2.0628	1.5018	1.6443	.12950	223.94	.98311
#3	.78995	2.0753	1.5004	1.6620	.13502	225.02	.98434

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20517	.21103	119.48	.73102	.39787	.80902	273.19
Stddev	.00027	.00211	.34	.00141	.00074	.00543	22.65
%RSD	.12989	.99963	.28672	.19290	.18547	.67086	8.2907

#1	.20494	.20903	119.57	.72940	.39872	.80295	294.35
#2	.20510	.21323	119.10	.73198	.39743	.81339	249.30
#3	.20546	.21081	119.77	.73168	.39745	.81073	275.91

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9462	81.073	.84311	.04119	8.4376	.73033	1.1333
Stddev	.0024	.183	.00155	.00328	.0384	.00084	.0977
%RSD	.05962	.22522	.18429	7.9594	.45529	.11553	8.6199

#1	3.9440	81.064	.84370	.04441	8.4686	.73034	1.2303
#2	3.9459	80.894	.84135	.03785	8.3946	.73118	1.0350
#3	3.9487	81.259	.84429	.04132	8.4497	.72949	1.1345

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.041	.33304	.35277	4.3043	2.1473	.72225	2.5543
Stddev	.121	.00047	.03730	.0641	.0086	.00311	.0103
%RSD	.46578	.14223	10.573	1.4885	.39876	.43083	.40443

#1	26.180	.33280	.38890	4.2351	2.1557	.72445	2.5662
#2	25.986	.33273	.31440	4.3162	2.1475	.71869	2.5490
#3	25.957	.33358	.35503	4.3616	2.1386	.72361	2.5477

Sample Name: K1016-07MSD Acquired: 1/25/2019 14:30:23 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-RO-3-0 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.49832	F 12.29	.32267	1.6177	F<.00000
Stddev	.00467	.01	.02313	.0202	3.5177
%RSD	.93785	.0764	7.1677	1.2504	.45580
#1	.50190	12.30	.30082	1.6329	-775.05
#2	.49303	12.28	.34689	1.5947	-768.05
#3	.50003	12.29	.32030	1.6255	-772.18
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3554.8	44118.	4305.3	11.666	3096.8
Stddev	1.4	98.	29.1	1.016	6.1
%RSD	.04018	.22166	.67691	8.7075	.19721
#1	3553.2	44044.	4272.2	10.689	3089.8
#2	3555.1	44081.	4316.9	12.717	3099.1
#3	3556.0	44229.	4326.9	11.593	3101.3

Sample Name: K1016-07A Acquired: 1/25/2019 14:34:36 Type: Unk
Method: P4-ICP2(v2780) 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	.78735	2.0528	1.4843	1.6578	.13314	223.05	.97101
Stddev	.00511	.0027	.0026	.0050	.00065	.84	.01785
%RSD	.64857	.13350	.17707	.29866	.49017	.37647	1.8386

#1	.78152	2.0559	1.4848	1.6563	.13323	222.18	.98315
#2	.78948	2.0508	1.4815	1.6634	.13375	223.85	.95052
#3	.79104	2.0517	1.4867	1.6539	.13245	223.11	.97937

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20416	.20791	117.76	.72446	.39771	.80085	288.97
Stddev	.00094	.00231	1.78	.00326	.00081	.00630	21.73
%RSD	.45917	1.1132	1.5098	.44998	.20416	.78629	7.5183

#1	.20380	.20682	118.81	.72323	.39784	.79501	300.91
#2	.20522	.20634	115.71	.72200	.39845	.80001	302.12
#3	.20345	.21057	118.76	.72816	.39684	.80752	263.90

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9219	80.171	.83896	.04392	8.3829	.72542	1.2027
Stddev	.0049	.914	.00042	.00316	.0688	.00081	.0889
%RSD	.12595	1.1406	.05021	7.1869	.82012	.11190	7.3946

#1	3.9222	80.568	.83901	.04563	8.4260	.72449	1.2562
#2	3.9267	79.125	.83935	.04585	8.3036	.72597	1.2519
#3	3.9168	80.819	.83851	.04027	8.4190	.72580	1.1000

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.691	.33063	.36707	4.2993	2.1131	.71529	2.5429
Stddev	.355	.00130	.03229	.0621	.0376	.00232	.0076
%RSD	1.3830	.39255	8.7963	1.4446	1.7790	.32437	.30061

#1	25.904	.32939	.39265	4.3689	2.1321	.71752	2.5516
#2	25.281	.33052	.37777	4.2795	2.0698	.71289	2.5400
#3	25.888	.33198	.33079	4.2495	2.1374	.71546	2.5371

Sample Name: K1016-07A Acquired: 1/25/2019 14:34:36 Type: Unk
Method: P4-ICP2(v2780) 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	.49170	F 12.21	.29848	1.4270	F<.00000
Stddev	.00260	.08	.02870	.2418	4.7423
%RSD	.52806	.6289	9.6151	16.947	.61395
#1	.49403	12.30	.29077	1.3047	-768.16
#2	.48890	12.19	.27443	1.2708	-771.56
#3	.49217	12.15	.33025	1.7056	-777.53
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3564.7	44368.	4350.5	10.983	3110.2
Stddev	4.6	36.	73.4	.843	11.1
%RSD	.12801	.08089	1.6868	7.6749	.35643
#1	3569.5	44375.	4301.1	10.480	3097.6
#2	3564.2	44400.	4434.8	10.512	3114.7
#3	3560.4	44329.	4315.6	11.956	3118.3

Sample Name: K1016-09 Acquired: 1/25/2019 14:38:49 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-RO-4-0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08881	-.03539	.26565	-.02934	.00649	161.70	.70169
Stddev	.00077	.00438	.00260	.00461	.00141	.39	.00398
%RSD	.86189	12.369	.97828	15.707	21.711	.23851	.56735

#1	.08878	-.04024	.26844	-.03466	.00781	161.81	.70135
#2	.08805	-.03419	.26521	-.02666	.00666	161.28	.69788
#3	.08958	-.03173	.26330	-.02670	.00500	162.03	.70583

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00749	-.00781	140.27	.30088	.12510	.52445	289.68
Stddev	.00009	.00140	1.46	.00385	.00032	.00259	11.99
%RSD	1.1375	17.891	1.0417	1.2786	.25540	.49352	4.1395

#1	.00752	-.00631	140.26	.30511	.12543	.52737	277.31
#2	.00756	-.00803	138.82	.29758	.12508	.52352	290.47
#3	.00740	-.00908	141.74	.29995	.12479	.52245	301.25

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5809	64.944	.15628	-.01930	4.2343	.51238	.63082
Stddev	.0377	.680	.00098	.00232	.0536	.00533	.02334
%RSD	.67618	1.0469	.62801	12.039	1.2656	1.0406	3.6991

#1	5.6217	65.232	.15694	-.02197	4.2720	.51833	.60771
#2	5.5472	64.168	.15675	-.01810	4.1730	.50803	.63039
#3	5.5738	65.433	.15515	-.01782	4.2580	.51079	.65437

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.093	.00488	.31121	4.0957	1.8099	.01564	1.7715
Stddev	.065	.00014	.02122	.0473	.0358	.00029	.0052
%RSD	.64662	2.9605	6.8191	1.1543	1.9789	1.8618	.29079

#1	10.116	.00472	.29126	4.0583	1.8371	.01553	1.7655
#2	10.019	.00500	.30886	4.0800	1.7693	.01597	1.7741
#3	10.144	.00492	.33351	4.1488	1.8232	.01543	1.7747

Sample Name: K1016-09 Acquired: 1/25/2019 14:38:49 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-RO-4-0 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15217	5.793	.09411	.85799	F<.00000
Stddev	.00435	.009	.01270	.26258	.80985
%RSD	2.8589	.1615	13.493	30.605	.12392

#1	.15297	5.803	.10859	.55769	-654.15
#2	.14747	5.784	.08884	1.0445	-653.78
#3	.15606	5.791	.08489	.97181	-652.60

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3601.4	45037.	4431.6	9.3971	3143.3
Stddev	4.4	178.	58.0	.3501	3.5
%RSD	.12204	.39591	1.3091	3.7255	.11007

#1	3605.8	44896.	4405.5	9.7448	3143.8
#2	3601.5	45237.	4498.0	9.4020	3139.5
#3	3597.0	44978.	4391.2	9.0447	3146.4

Sample Name: K1223-01 Acquired: 1/25/2019 14:43:17 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TS-M Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05933	-.08433	.86860	-.02757	.00834	143.17	.89542
Stddev	.00230	.00258	.00595	.00526	.00143	.40	.00431
%RSD	3.8712	3.0640	.68445	19.098	17.152	.27706	.48126

#1	.05672	-.08730	.87492	-.03290	.00732	142.90	.90005
#2	.06023	-.08297	.86775	-.02744	.00773	142.99	.89152
#3	.06105	-.08270	.86312	-.02237	.00998	143.63	.89469

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00817	.00098	514.94	.23717	.09444	.40949	179.16
Stddev	.00009	.00124	2.53	.00074	.00039	.00200	11.16
%RSD	1.1091	126.80	.49198	.31206	.41810	.48881	6.2320

#1	.00816	.00240	517.33	.23696	.09484	.41067	166.38
#2	.00809	.00032	515.19	.23800	.09443	.41063	184.11
#3	.00827	.00021	512.29	.23656	.09405	.40718	187.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5760	155.08	.17973	-.01449	8.5746	.39047	1.2783
Stddev	.0099	.58	.00060	.00156	.0074	.00284	.0750
%RSD	.27667	.37504	.33347	10.801	.08668	.72733	5.8692

#1	3.5869	154.82	.17905	-.01628	8.5828	.39323	1.1922
#2	3.5735	155.74	.17996	-.01382	8.5728	.38756	1.3123
#3	3.5676	154.67	.18018	-.01337	8.5683	.39063	1.3302

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.088	.00696	.04326	F 18.977	2.0706	.04667	4.2703
Stddev	.055	.00033	.01309	.062	.0205	.00096	.0091
%RSD	.17196	4.7560	30.257	.32415	.98936	2.0571	.21206

#1	32.149	.00693	.02871	18.963	2.0906	.04681	4.2607
#2	32.074	.00730	.04699	18.924	2.0714	.04755	4.2788
#3	32.041	.00664	.05408	19.045	2.0497	.04565	4.2713

Sample Name: K1223-01 Acquired: 1/25/2019 14:43:17 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TS-M Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20438	F 11.15	1.2174	3.1159	F<.00000
Stddev	.00064	.06	.0179	.0455	4.6303
%RSD	.31490	.5318	1.4721	1.4616	1.1579
#1	.20453	11.11	1.2375	3.1359	-403.66
#2	.20494	11.22	1.2113	3.1480	-401.28
#3	.20368	11.12	1.2033	3.0637	-394.72
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3367.3	41855.	4287.2	9.6760	2903.1
Stddev	8.7	100.	34.3	.5909	.5
%RSD	.25949	.23892	.79968	6.1069	.01773
#1	3377.4	41742.	4253.5	10.355	2902.7
#2	3362.3	41935.	4286.0	9.3948	2903.7
#3	3362.3	41887.	4322.0	9.2781	2902.9

Sample Name: K1223-02 Acquired: 1/25/2019 14:47:34 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TS-N Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00460	.00018	-.01014	.00417	-.00365	-.01267	-.10505
Stddev	.00049	.00059	.00025	.00070	.00033	.00388	.00146
%RSD	10.570	330.88	2.4494	16.784	8.9585	30.616	1.3879

#1	-.00428	-.00049	-.00986	.00471	-.00393	-.00920	-.10338
#2	-.00516	.00041	-.01032	.00441	-.00373	-.01686	-.10607
#3	-.00437	.00061	-.01024	.00338	-.00329	-.01196	-.10571

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00033	-.00586	.00027	-.00038	.00014	.01973
Stddev	.00001	.00003	.00555	.00002	.00005	.00021	.00872
%RSD	76.376	7.5276	94.634	8.7455	11.889	150.88	44.184

#1	.00002	.00030	-.00126	.00030	-.00043	.00036	.02671
#2	.00002	.00035	-.00430	.00026	-.00036	.00010	.02252
#3	.00000	.00035	-.01203	.00025	-.00035	-.00005	.00996

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.01021	.00565	-.00062	-.13820	-.00000	-.00030
Stddev	.00000	.02522	.00008	.00013	.00422	.00004	.00005
%RSD	8.5393	247.04	1.4211	20.884	3.0501	1915.1	16.257

#1	-.00004	.01737	.00558	-.00059	-.13842	.00000	-.00025
#2	-.00003	-.01588	.00574	-.00076	-.13387	.00004	-.00030
#3	-.00004	-.03211	.00563	-.00051	-.14229	-.00004	-.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18152	.00012	-.00139	-.04013	-.01997	-.00241	.00845
Stddev	.02438	.00003	.00202	.00259	.00074	.00012	.00223
%RSD	13.429	25.143	145.35	6.4459	3.6956	4.7757	26.347

#1	.18497	.00008	-.00272	-.04286	-.02058	-.00254	.01087
#2	.15560	.00014	.00094	-.03772	-.01915	-.00231	.00798
#3	.20398	.00012	-.00239	-.03982	-.02019	-.00239	.00649

Sample Name: K1223-02 Acquired: 1/25/2019 14:47:34 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TS-N Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00547	-.0003	.00009	^ *****	F<.00000
Stddev	.00088	.0003	.00002	-----	.48217
%RSD	16.040	116.5	23.553	-----	7.8563
#1	-.00446	-.0006	.00010	^ -----	-6.4152
#2	-.00602	.0001	.00006	^ -----	-5.5806
#3	-.00592	-.0004	.00010	^ -----	-6.4163
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10508.	126770.	8543.8	21.577	13462.
Stddev	59.	4323.	399.4	1.459	73.
%RSD	.56473	3.4100	4.6743	6.7595	.54294
#1	10530.	121780.	8221.5	20.350	13490.
#2	10553.	129380.	8419.3	21.192	13517.
#3	10441.	129150.	8990.6	23.190	13379.

Sample Name: K1223-03 Acquired: 1/25/2019 14:52:01 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TS-O Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10128	-.09249	1.0690	-.05184	.01095	132.61	.96734
Stddev	.00586	.00208	.0093	.01749	.00350	.64	.01439
%RSD	5.7898	2.2515	.86652	33.737	31.999	.48102	1.4880

#1	.10089	-.09458	1.0586	-.03256	.01442	131.99	.97856
#2	.10733	-.09246	1.0763	-.06668	.00741	132.57	.95111
#3	.09562	-.09042	1.0720	-.05628	.01102	133.26	.97234

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00900	.00003	641.61	.25405	.10332	.44485	298.23
Stddev	.00013	.00498	6.41	.00443	.00034	.01189	42.59
%RSD	1.4777	16618.	.99884	1.7424	.32722	2.6724	14.281

#1	.00901	-.00531	645.72	.24896	.10364	.43317	344.30
#2	.00886	.00456	634.23	.25612	.10334	.45693	260.30
#3	.00913	.00084	644.89	.25706	.10297	.44445	290.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4061	262.01	.21917	-.02408	9.1316	.36926	1.3468
Stddev	.0104	3.33	.00087	.00570	.1230	.00071	.1920
%RSD	.23581	1.2725	.39603	23.677	1.3469	.19216	14.252

#1	4.3972	264.88	.21950	-.01779	9.2465	.36886	1.5554
#2	4.4035	258.35	.21983	-.02891	9.0019	.36884	1.1775
#3	4.4175	262.80	.21819	-.02552	9.1465	.37008	1.3076

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.355	.01510	.34710	F 16.089	1.6896	.05095	4.4339
Stddev	.453	.00031	.05841	.123	.0162	.00082	.0229
%RSD	1.1810	2.0284	16.828	.76323	.95798	1.6112	.51559

#1	38.692	.01474	.41229	16.217	1.6948	.05014	4.4600
#2	37.840	.01528	.29954	16.080	1.6714	.05178	4.4174
#3	38.533	.01526	.32946	15.971	1.7025	.05093	4.4244

Sample Name: K1223-03 Acquired: 1/25/2019 14:52:01 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TS-O Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19548	F 10.20	1.1106	3.3917	F<.00000
Stddev	.00056	.02	.0347	.1265	2.1430
%RSD	.28456	.2179	3.1208	3.7283	.32212
#1	.19611	10.23	1.0708	3.3154	-664.16
#2	.19524	10.20	1.1337	3.5377	-663.91
#3	.19508	10.18	1.1274	3.3221	-667.74
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3238.4	40286.	4156.5	9.3873	2760.8
Stddev	26.5	127.	40.0	1.2948	11.4
%RSD	.81747	.31494	.96193	13.794	.41448
#1	3242.7	40432.	4119.0	8.0227	2752.8
#2	3210.1	40220.	4198.5	10.599	2755.7
#3	3262.5	40206.	4152.1	9.5405	2773.9

Sample Name: CCV04 Acquired: 1/25/2019 15:04:58 Type: Unk
Method: P4-ICP2(v2780) 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	5.1436	5.1076	5.1080	5.0616	5.2241	10.945	10.313	.25809
Stddev	.0162	.0174	.0160	.0092	.0081	.036	.071	.00076
%RSD	.31515	.34042	.31268	.18083	.15444	.33062	.68970	.29518
#1	5.1621	5.1264	5.1259	5.0611	5.2332	10.910	10.303	.25891
#2	5.1320	5.0920	5.0953	5.0527	5.2180	10.943	10.389	.25795
#3	5.1366	5.1045	5.1027	5.0710	5.2210	10.982	10.248	.25741
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5037	26.665	1.0502	2.5118	1.2705	4.6580	2.6083	23.957
Stddev	.0093	.179	.0069	.0075	.0013	.8117	.0098	.155
%RSD	.37270	.67229	.65851	.30017	.10212	17.425	.37604	.64883
#1	2.5145	26.461	1.0529	2.5205	1.2716	5.5771	2.6129	23.777
#2	2.4980	26.738	1.0554	2.5078	1.2710	4.3576	2.6151	24.050
#3	2.4988	26.796	1.0424	2.5072	1.2691	4.0394	2.5971	24.042
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4652	1.3247	24.356	2.4805	2.2946	23.919	5.0005	4.8789
Stddev	.0057	.0038	.153	.0104	.4008	.160	.0141	.0459
%RSD	.23150	.28845	.62672	.41744	17.464	.66745	.28111	.94154
#1	2.4716	1.3274	24.325	2.4853	2.7480	23.915	5.0088	4.8258
#2	2.4636	1.3262	24.521	2.4876	2.1482	24.081	4.9842	4.9056
#3	2.4605	1.3203	24.220	2.4686	1.9877	23.762	5.0083	4.9053
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1343	4.9446	4.9362	5.0309	5.0828	5.095	F 5.5739	F 5.5002
Stddev	.0408	.0155	.0035	.0138	.0263	.011	.0323	.0855
%RSD	.79533	.31275	.07062	.27409	.51744	.2078	.57928	1.5545
#1	5.1721	4.9482	4.9394	5.0165	5.0667	5.106	5.5615	5.5653
#2	5.1400	4.9579	4.9367	5.0323	5.1131	5.085	5.6105	5.5318
#3	5.0910	4.9276	4.9325	5.0439	5.0685	5.093	5.5496	5.4033

Sample Name: CCV04 Acquired: 1/25/2019 15:04:58 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4994
Stddev	.6081
%RSD	40.556

#1	1.3471
#2	.98190
#3	2.1691

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3159.2	39039.	3725.1	9.0475	3283.6
Stddev	6.8	184.	11.6	1.4521	8.6
%RSD	.21528	.47071	.31169	16.050	.26272

#1	3153.0	38952.	3728.1	7.4290	3273.9
#2	3166.5	38914.	3712.3	9.4772	3286.6
#3	3158.0	39250.	3735.0	10.236	3290.4

Sample Name: CCB04 Acquired: 1/25/2019 15:08:58 Type: Unk
Method: P4-ICP2(v2780) 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	-.00295	.00013	-.00067	.00095	.00147	.02071	.01410
Stddev	.00176	.00103	.00015	.00100	.00004	.00910	.00579
%RSD	59.574	773.14	23.027	104.66	2.7785	43.936	41.081

#1	-.00095	-.00053	-.00056	-.00020	.00151	.02621	.00856
#2	-.00365	.00132	-.00061	.00147	.00145	.01021	.02012
#3	-.00426	-.00039	-.00085	.00159	.00144	.02572	.01362

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00007	.00983	-.00004	-.00003	.00093	-.03424
Stddev	.00002	.00010	.01293	.00001	.00011	.00014	.02558
%RSD	35.125	154.43	131.52	14.712	316.54	14.706	74.700

#1	.00009	-.00005	-.00294	-.00005	.00008	.00101	-.06335
#2	.00006	.00011	.00952	-.00005	-.00005	.00101	-.01535
#3	.00004	.00014	.02292	-.00004	-.00014	.00077	-.02402

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.04101	.00031	.00067	-.04190	-.00028	-.00002
Stddev	.00005	.06329	.00016	.00036	.00650	.00027	.00022
%RSD	263.56	154.30	52.605	53.641	15.510	95.200	979.55

#1	.00008	.08394	.00046	.00047	-.03503	-.00022	.00006
#2	.00001	.07077	.00014	.00045	-.04795	-.00005	.00015
#3	-.00003	-.03166	.00034	.00109	-.04273	-.00057	-.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07629	.00052	.00602	F .05764	.00692	.00000	.00523
Stddev	.03938	.00017	.00464	.01164	.00114	.00034	.00326
%RSD	51.616	32.105	76.998	20.195	16.440	122600.	62.455

#1	.11514	.00033	.00946	.04930	.00589	-.00006	.00326
#2	.03640	.00064	.00786	.05267	.00814	.00037	.00343
#3	.07732	.00059	.00075	.07094	.00674	-.00030	.00900

Sample Name: CCB04 Acquired: 1/25/2019 15:08:58 Type: Unk
Method: P4-ICP2(v2780) 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	F .00682	-.0033	.00030	F 3.7749	F<.00000
Stddev	.00320	.0013	.00017	.0789	.10183
%RSD	46.966	37.86	57.748	2.0905	10.255

#1	.01025	-.0022	.00049	3.6845	-.98474
#2	.00391	-.0047	.00022	3.8297	-.89554
#3	.00629	-.0032	.00018	3.8106	-1.0987

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3322.9	41779.	3746.0	8.7333	3749.6
Stddev	12.6	97.	32.5	1.4534	9.8
%RSD	.37805	.23100	.86629	16.642	.26219

#1	3329.6	41738.	3753.6	8.7295	3760.7
#2	3330.6	41889.	3774.0	7.2818	3745.9
#3	3308.4	41709.	3710.4	10.189	3742.1

Sample Name: K1223-04 Acquired: 1/25/2019 15:13:25 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TS-P Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07166	-.07551	1.0170	-.02885	.00687	133.90	1.0085
Stddev	.00010	.00155	.0035	.00260	.00068	.49	.0113
%RSD	.13758	2.0561	.34087	9.0033	9.8432	.36282	1.1155

#1	.07163	-.07623	1.0144	-.02855	.00615	133.36	1.0176
#2	.07177	-.07656	1.0157	-.03158	.00697	134.03	1.0119
#3	.07157	-.07372	1.0210	-.02641	.00749	134.30	.99592

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00937	.00122	559.05	.29373	.19012	.51050	177.90
Stddev	.00008	.00047	3.84	.00345	.00052	.00334	4.53
%RSD	.87423	38.374	.68634	1.1755	.27400	.65437	2.5470

#1	.00946	.00070	562.06	.29359	.18958	.50672	182.50
#2	.00931	.00134	560.38	.29035	.19062	.51307	177.76
#3	.00934	.00162	554.73	.29725	.19016	.51171	173.44

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3455	194.81	.21651	-.01280	10.010	.39246	1.9530
Stddev	.0454	.75	.00059	.00043	.054	.00468	.0533
%RSD	.61771	.38288	.27438	3.3474	.53573	1.1933	2.7315

#1	7.3342	195.66	.21602	-.01268	10.061	.39534	2.0095
#2	7.3068	194.51	.21634	-.01245	10.016	.38705	1.9457
#3	7.3954	194.27	.21717	-.01328	9.9540	.39498	1.9036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.190	.01179	.05950	F 19.259	2.4993	.17179	3.7136
Stddev	.127	.00017	.01128	.098	.0468	.00106	.0097
%RSD	.43356	1.4227	18.954	.50779	1.8717	.61788	.26070

#1	29.266	.01193	.06862	19.151	2.5406	.17133	3.7063
#2	29.261	.01161	.06300	19.286	2.4485	.17301	3.7099
#3	29.044	.01185	.04689	19.341	2.5088	.17104	3.7246

Sample Name: K1223-04 Acquired: 1/25/2019 15:13:25 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TS-P Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18415	9.081	1.2792	2.9088	F<.00000
Stddev	.00085	.004	.0066	.2100	5.2075
%RSD	.45978	.0431	.51527	7.2211	1.3271
#1	.18318	9.078	1.2801	2.7291	-395.88
#2	.18450	9.079	1.2853	2.8576	-386.42
#3	.18476	9.085	1.2723	3.1397	-394.93
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3308.3	41270.	4228.1	9.3759	2810.8
Stddev	15.7	121.	28.0	.2529	4.2
%RSD	.47556	.29235	.66286	2.6969	.14953
#1	3317.6	41289.	4197.3	9.1164	2813.5
#2	3290.1	41380.	4235.0	9.3898	2806.0
#3	3317.1	41141.	4252.0	9.6215	2812.9

Sample Name: K1223-05 Acquired: 1/25/2019 15:23:19 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TS-Q Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07026	-.07672	.96077	-.03883	.00992	134.79	1.2174
Stddev	.00043	.00348	.00208	.00618	.00152	.82	.0105
%RSD	.60979	4.5360	.21675	15.924	15.280	.60516	.86140

#1	.07065	-.07281	.96201	-.04161	.00817	135.41	1.2076
#2	.06980	-.07788	.96194	-.04312	.01088	133.87	1.2285
#3	.07033	-.07947	.95837	-.03174	.01072	135.08	1.2161

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00970	.00588	1220.8	.26556	.09702	.47220	167.84
Stddev	.00011	.00203	26.7	.00264	.00045	.00461	16.64
%RSD	1.1744	34.587	2.1830	.99466	.46360	.97624	9.9119

#1	.00983	.00537	1191.7	.26590	.09699	.47281	172.40
#2	.00962	.00812	1244.0	.26801	.09659	.47647	149.40
#3	.00964	.00415	1226.8	.26276	.09749	.46731	181.72

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6705	557.31	.19967	-.01391	10.517	.49837	1.5373
Stddev	.0046	5.20	.00100	.00285	.087	.00011	.1512
%RSD	.09791	.93363	.49842	20.465	.82851	.02229	9.8381

#1	4.6742	551.55	.19899	-.01316	10.426	.49829	1.5787
#2	4.6720	561.68	.20082	-.01705	10.600	.49850	1.3697
#3	4.6654	558.69	.19921	-.01150	10.524	.49833	1.6636

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.534	.01417	.03005	F 19.937	2.2790	.04560	3.5241
Stddev	.235	.00042	.03958	.091	.0270	.00165	.0046
%RSD	.76861	2.9584	131.71	.45708	1.1828	3.6213	.13062

#1	30.290	.01435	.03878	19.979	2.2585	.04676	3.5280
#2	30.758	.01446	-.01316	19.833	2.3095	.04371	3.5252
#3	30.553	.01369	.06453	20.000	2.2689	.04633	3.5190

Sample Name: K1223-05 Acquired: 1/25/2019 15:23:19 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TS-Q Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25416	F 10.49	1.4571	4.8453	F<.00000
Stddev	.00081	.02	.0306	.0403	1.6941
%RSD	.31673	.1568	2.1011	.83279	.46580
#1	.25326	10.49	1.4367	4.8910	-361.84
#2	.25442	10.47	1.4923	4.8145	-365.14
#3	.25480	10.51	1.4422	4.8304	-364.14
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3100.5	38668.	4064.9	9.4605	2525.2
Stddev	7.4	84.	46.3	.9567	9.7
%RSD	.23834	.21719	1.1399	10.112	.38526
#1	3103.5	38642.	4112.3	9.1650	2535.7
#2	3092.0	38762.	4019.7	10.530	2516.4
#3	3105.9	38601.	4062.6	8.6865	2523.7

Sample Name: K1223-06 Acquired: 1/25/2019 15:27:45 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TS-R Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07649	-.06270	.86949	-.03444	.00889	139.82	.87597
Stddev	.00145	.00348	.00762	.00578	.00339	.87	.00841
%RSD	1.8916	5.5459	.87672	16.787	38.112	.62174	.96017

#1	.07614	-.06145	.86157	-.02851	.01275	139.27	.86640
#2	.07808	-.06003	.87677	-.03473	.00752	139.37	.88217
#3	.07525	-.06663	.87013	-.04006	.00641	140.82	.87935

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00892	.00032	930.19	.24869	.09933	.71199	197.96
Stddev	.00013	.00263	6.75	.00308	.00038	.00658	22.68
%RSD	1.4251	829.82	.72613	1.2366	.38294	.92464	11.455

#1	.00884	-.00272	922.47	.24808	.09889	.70665	224.13
#2	.00885	.00178	935.02	.24597	.09952	.71935	184.11
#3	.00906	.00189	933.07	.25203	.09958	.70997	185.63

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4491	343.61	.20504	-.01215	16.646	.41865	1.2561
Stddev	.0162	1.20	.00073	.00308	.087	.00078	.1427
%RSD	.36358	.34991	.35414	25.351	.52354	.18575	11.362

#1	4.4545	342.39	.20449	-.00863	16.546	.41791	1.4209
#2	4.4310	344.80	.20586	-.01352	16.694	.41859	1.1723
#3	4.4620	343.65	.20477	-.01432	16.699	.41946	1.1751

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.251	.01059	.04998	F 18.613	1.3320	.04668	3.1032
Stddev	.183	.00051	.04050	.052	.0127	.00021	.0073
%RSD	.58691	4.8351	81.028	.28199	.95486	.45757	.23384

#1	31.058	.01004	.09647	18.592	1.3176	.04685	3.0949
#2	31.273	.01069	.03110	18.673	1.3419	.04675	3.1083
#3	31.423	.01105	.02237	18.574	1.3364	.04644	3.1064

Sample Name: K1223-06 Acquired: 1/25/2019 15:27:45 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TS-R Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23699	F 10.12	1.3786	4.7038	F<.00000
Stddev	.00182	.03	.0379	.1183	2.6596
%RSD	.76994	.3385	2.7503	2.5145	.67268
#1	.23674	10.11	1.3348	4.7043	-393.01
#2	.23893	10.16	1.4016	4.5853	-394.87
#3	.23530	10.09	1.3994	4.8218	-398.26
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3139.5	39059.	4038.9	8.5432	2648.2
Stddev	22.3	98.	18.5	.9216	4.5
%RSD	.70964	.25192	.45917	10.788	.17040
#1	3145.5	39041.	4056.8	7.4790	2649.8
#2	3114.8	39166.	4019.7	9.0832	2643.1
#3	3158.2	38971.	4040.0	9.0673	2651.7

Sample Name: K1223-07 Acquired: 1/25/2019 15:32:04 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TS-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08711	-.08269	1.5542	-.04210	.00839	154.00	1.1026
Stddev	.00056	.00384	.0077	.00523	.00218	2.09	.0046
%RSD	.64685	4.6407	.49652	12.427	25.974	1.3569	.41569

#1	.08714	-.08669	1.5609	-.04596	.00922	155.34	1.1065
#2	.08654	-.08234	1.5560	-.04420	.00591	151.59	1.0975
#3	.08766	-.07904	1.5458	-.03615	.01003	155.07	1.1036

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00991	.00235	536.40	.32236	.12736	.52010	223.13
Stddev	.00007	.00327	2.39	.00338	.00031	.00268	27.66
%RSD	.66746	139.27	.44508	1.0497	.24682	.51528	12.397

#1	.00995	.00566	538.83	.32618	.12753	.52155	194.89
#2	.00983	.00229	534.05	.31974	.12755	.52174	224.33
#3	.00994	-.00089	536.31	.32116	.12700	.51701	250.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8625	183.04	.22321	-.01443	12.417	.46550	1.5096
Stddev	.0775	.84	.00058	.00313	.084	.00236	.1881
%RSD	1.5942	.45806	.25771	21.706	.67301	.50605	12.459

#1	4.8919	183.89	.22261	-.01771	12.513	.46740	1.3148
#2	4.7745	182.21	.22376	-.01412	12.373	.46287	1.5238
#3	4.9210	183.02	.22326	-.01147	12.365	.46624	1.6902

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.788	.01318	.05207	F 22.143	1.6452	.06281	4.0417
Stddev	.260	.00061	.03408	.192	.0163	.00134	.0194
%RSD	.70587	4.6309	65.452	.86714	.98974	2.1406	.48034

#1	37.072	.01286	.01839	22.360	1.6616	.06220	4.0536
#2	36.563	.01388	.05129	22.074	1.6291	.06435	4.0522
#3	36.728	.01279	.08653	21.995	1.6448	.06188	4.0193

Sample Name: K1223-07 Acquired: 1/25/2019 15:32:04 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TS-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20725	F 11.21	1.4253	2.7523	F<.00000
Stddev	.00072	.11	.0383	.3968	1.4879
%RSD	.34663	.9871	2.6867	14.416	.29357
#1	.20657	11.33	1.4673	2.9779	-508.41
#2	.20717	11.15	1.4162	2.2942	-505.46
#3	.20800	11.14	1.3924	2.9849	-506.61
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3315.5	41949.	4249.3	9.5029	2806.6
Stddev	11.5	489.	24.1	1.1978	11.1
%RSD	.34823	1.1655	.56737	12.605	.39425
#1	3328.5	41599.	4222.2	10.784	2794.0
#2	3306.6	42507.	4257.4	9.3126	2811.0
#3	3311.4	41739.	4268.4	8.4116	2814.8

Sample Name: K1223-08 Acquired: 1/25/2019 15:36:32 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TS-T Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08253	-.08007	.97480	-.03195	.00919	144.89	1.1441
Stddev	.00245	.00002	.00279	.00555	.00190	.17	.0061
%RSD	2.9696	.02601	.28602	17.377	20.702	.11555	.53676

#1	.07970	-.08009	.97184	-.02554	.00724	144.77	1.1389
#2	.08378	-.08008	.97738	-.03509	.00928	144.80	1.1425
#3	.08410	-.08005	.97518	-.03523	.01104	145.08	1.1509

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00986	.00101	817.77	.29794	.09414	.45191	215.14
Stddev	.00005	.00070	.94	.00065	.00068	.00424	5.17
%RSD	.48268	69.090	.11500	.21697	.72172	.93816	2.4010

#1	.00991	.00021	816.77	.29720	.09353	.44705	220.91
#2	.00986	.00130	818.64	.29839	.09403	.45381	213.59
#3	.00981	.00152	817.91	.29823	.09487	.45486	210.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5013	235.83	.18855	-.01028	11.689	.44793	2.5166
Stddev	.0075	1.26	.00103	.00089	.065	.00032	.0581
%RSD	.16704	.53403	.54574	8.6193	.55550	.07203	2.3095

#1	4.5060	234.67	.18973	-.00926	11.615	.44815	2.5810
#2	4.4926	237.17	.18785	-.01090	11.735	.44808	2.5007
#3	4.5052	235.65	.18806	-.01067	11.717	.44756	2.4681

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.999	.00931	.16451	F 23.973	2.8729	.04247	3.8269
Stddev	.205	.00018	.01028	.187	.0179	.00135	.0306
%RSD	.56938	1.9065	6.2477	.78096	.62261	3.1840	.79887

#1	35.797	.00916	.17046	24.155	2.8681	.04376	3.7916
#2	36.206	.00926	.17044	23.781	2.8927	.04106	3.8437
#3	35.995	.00951	.15264	23.984	2.8580	.04259	3.8454

Sample Name: K1223-08 Acquired: 1/25/2019 15:36:32 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TS-T Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22555	F 12.44	2.0015	3.8547	F<.00000
Stddev	.00137	.05	.0066	.1495	3.2425
%RSD	.60694	.3673	.33200	3.8783	.77182
#1	.22411	12.39	1.9942	3.7022	-423.31
#2	.22684	12.45	2.0030	4.0010	-416.82
#3	.22569	12.48	2.0072	3.8609	-420.21
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3225.2	40413.	4149.9	8.2082	2693.0
Stddev	34.0	44.	17.8	.1800	13.7
%RSD	1.0552	.10939	.42826	2.1935	.50825
#1	3264.3	40445.	4164.9	8.0120	2708.7
#2	3209.1	40363.	4130.3	8.2466	2686.8
#3	3202.2	40432.	4154.5	8.3659	2683.5

Sample Name: K1223-09 Acquired: 1/25/2019 15:40:50 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TS-U Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08584	-.08835	1.0974	-.04343	.00917	151.02	1.0526
Stddev	.00103	.00109	.0080	.00765	.00053	.67	.0063
%RSD	1.1971	1.2375	.72416	17.623	5.7911	.44647	.59719

#1	.08578	-.08786	1.1066	-.05017	.00930	150.84	1.0508
#2	.08690	-.08961	1.0929	-.03511	.00859	150.45	1.0474
#3	.08485	-.08759	1.0928	-.04501	.00962	151.76	1.0596

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00953	.00209	876.48	.29661	.10468	.43663	227.59
Stddev	.00008	.00163	6.84	.00401	.00059	.00698	13.70
%RSD	.86249	78.273	.78001	1.3524	.56765	1.5981	6.0188

#1	.00963	.00397	871.09	.30115	.10447	.44466	211.78
#2	.00949	.00101	874.18	.29515	.10421	.43206	234.88
#3	.00948	.00129	884.17	.29354	.10535	.43316	236.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3784	330.57	.20088	-.01512	11.470	.42191	1.3362
Stddev	.0092	1.24	.00111	.00206	.036	.00292	.0772
%RSD	.21051	.37363	.55073	13.626	.31657	.69167	5.7755

#1	4.3889	330.71	.20206	-.01744	11.463	.42444	1.2475
#2	4.3746	329.27	.19987	-.01442	11.437	.42258	1.3729
#3	4.3717	331.73	.20072	-.01350	11.509	.41872	1.3881

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.442	.01052	.03554	F 22.769	2.3731	.04868	4.3342
Stddev	.203	.00055	.02322	.213	.0194	.00106	.0154
%RSD	.57164	5.1872	65.346	.93679	.81890	2.1809	.35620

#1	35.409	.01115	.00994	22.527	2.3898	.04980	4.3388
#2	35.257	.01014	.05526	22.852	2.3779	.04855	4.3170
#3	35.658	.01028	.04141	22.929	2.3518	.04769	4.3468

Sample Name: K1223-09 Acquired: 1/25/2019 15:40:50 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TS-U Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22463	F 10.80	1.4447	3.8866	F<.00000
Stddev	.00278	.03	.0107	.2122	1.7015
%RSD	1.2386	.2498	.73916	5.4607	.35659
#1	.22565	10.84	1.4527	4.0026	-475.25
#2	.22148	10.79	1.4326	3.6416	-478.53
#3	.22676	10.79	1.4490	4.0156	-477.68
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3162.3	39649.	4068.2	8.7932	2619.8
Stddev	31.5	202.	13.8	.5060	11.0
%RSD	.99678	.50820	.34015	5.7540	.42043
#1	3135.4	39454.	4064.4	9.3762	2611.2
#2	3196.9	39856.	4083.6	8.5347	2632.2
#3	3154.5	39637.	4056.7	8.4688	2616.0

Sample Name: K1223-10 Acquired: 1/25/2019 15:45:08 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TS-V Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07050	-.07515	.99018	-.03483	.00830	156.17	1.0006
Stddev	.00321	.00118	.00923	.00740	.00192	.66	.0076
%RSD	4.5598	1.5762	.93191	21.247	23.077	.42025	.75659

#1	.06912	-.07624	.99235	-.03502	.00810	156.27	.99411
#2	.06821	-.07533	.98006	-.02734	.00649	155.47	.99887
#3	.07417	-.07389	.99813	-.04213	.01031	156.77	1.0089

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01028	-.00052	623.44	.27144	.11484	1.2496	234.61
Stddev	.00005	.00318	4.70	.00125	.00049	.0073	27.74
%RSD	.48122	606.58	.75435	.46017	.42977	.58740	11.824

#1	.01023	.00090	618.78	.27223	.11538	1.2420	221.12
#2	.01033	-.00416	623.36	.27000	.11471	1.2500	266.52
#3	.01028	.00169	628.19	.27209	.11442	1.2567	216.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3119	209.27	.21391	-.01270	21.512	.47938	1.5193
Stddev	.0071	1.61	.00030	.00365	.169	.00492	.1844
%RSD	.16417	.76798	.14073	28.773	.78404	1.0266	12.135

#1	4.3038	208.33	.21426	-.01408	21.404	.47492	1.4307
#2	4.3168	208.36	.21377	-.00856	21.425	.47857	1.7313
#3	4.3152	211.13	.21370	-.01547	21.706	.48466	1.3960

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.233	.01034	.06042	F 21.826	1.3487	.12920	3.7205
Stddev	.234	.00047	.04819	.045	.0126	.00104	.0040
%RSD	.64484	4.5513	79.756	.20504	.93115	.80752	.10846

#1	36.032	.01068	.03139	21.871	1.3352	.13031	3.7178
#2	36.179	.01054	.11604	21.826	1.3510	.12825	3.7185
#3	36.490	.00980	.03382	21.781	1.3600	.12903	3.7251

Sample Name: K1223-10 Acquired: 1/25/2019 15:45:08 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TS-V Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22310	F 10.09	1.3079	3.6405	F<.00000
Stddev	.00032	.03	.0334	.0944	1.0217
%RSD	.14533	.2766	2.5534	2.5942	.21515

#1	.22323	10.12	1.3113	3.7496	-476.06
#2	.22273	10.06	1.2729	3.5860	-474.18
#3	.22334	10.09	1.3395	3.5860	-474.41

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3260.7	40799.	4165.5	8.5185	2752.9
Stddev	22.5	72.	28.5	.9748	4.7
%RSD	.69121	.17656	.68372	11.443	.17146

#1	3284.6	40783.	4195.3	8.9550	2758.4
#2	3239.8	40877.	4162.8	7.4018	2750.2
#3	3257.8	40736.	4138.5	9.1987	2750.1

Sample Name: K1224-03 Acquired: 1/25/2019 15:53:55 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04893	-.00892	2.5057	-.01420	.00681	151.95	2.1302
Stddev	.00260	.00204	.0049	.00547	.00064	.29	.0086
%RSD	5.3184	22.865	.19530	38.491	9.3500	.19144	.40411

#1	.04641	-.01095	2.5113	-.01811	.00617	151.84	2.1209
#2	.04878	-.00892	2.5034	-.01654	.00745	152.28	2.1379
#3	.05161	-.00688	2.5024	-.00795	.00682	151.73	2.1318

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00615	.00148	33.143	.18145	.05532	.87258	119.64
Stddev	.00007	.00222	.235	.00325	.00029	.00440	19.63
%RSD	1.1882	149.91	.70886	1.7884	.51899	.50447	16.407

#1	.00610	.00311	32.936	.18224	.05536	.87698	105.73
#2	.00613	.00239	33.399	.18422	.05559	.87258	111.11
#3	.00623	-.00105	33.095	.17788	.05502	.86818	142.10

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3033	11.609	.11558	-.00683	2.5118	.25803	1.9447
Stddev	.0019	.060	.00040	.00266	.0068	.00228	.3127
%RSD	.14705	.51416	.34481	38.934	.27102	.88479	16.078

#1	1.3014	11.613	.11551	-.00885	2.5081	.25751	1.7267
#2	1.3052	11.547	.11522	-.00781	2.5077	.26052	1.8045
#3	1.3033	11.666	.11601	-.00382	2.5197	.25604	2.3029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0380	.00477	-.00703	6.7490	2.8330	.19296	.45678
Stddev	.0351	.00032	.03333	.0166	.0418	.00104	.00125
%RSD	.58129	6.7877	474.25	.24649	1.4752	.54005	.27285

#1	5.9989	.00475	-.03742	6.7621	2.8325	.19281	.45535
#2	6.0668	.00511	-.01228	6.7545	2.8751	.19201	.45761
#3	6.0483	.00446	.02861	6.7303	2.7915	.19407	.45739

Sample Name: K1224-03 Acquired: 1/25/2019 15:53:55 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-10 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23928	6.254	.11024	2.8387	F<.00000
Stddev	.00122	.004	.02290	.1237	1.3473
%RSD	.51071	.0623	20.770	4.3592	.49411
#1	.23807	6.254	.12652	2.8752	-272.39
#2	.23926	6.250	.12015	2.9400	-274.13
#3	.24051	6.258	.08406	2.7007	-271.48
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3492.4	43745.	4103.5	9.4819	3294.3
Stddev	4.4	123.	25.9	1.4129	1.5
%RSD	.12700	.28173	.63028	14.901	.04462
#1	3490.8	43801.	4131.0	10.527	3293.2
#2	3497.4	43604.	4079.6	10.044	3296.0
#3	3488.9	43830.	4099.8	7.8745	3293.8

Sample Name: K1224-05 Acquired: 1/25/2019 15:58:16 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04088	-.03052	.79516	-.03521	.00562	123.20	1.3106
Stddev	.00271	.00431	.00389	.00785	.00139	.68	.0184
%RSD	6.6315	14.125	.48957	22.284	24.645	.55198	1.4042

#1	.04241	-.03013	.79341	-.03745	.00402	123.87	1.2990
#2	.04248	-.03502	.79962	-.04168	.00646	122.51	1.3318
#3	.03775	-.02642	.79245	-.02648	.00638	123.23	1.3010

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00898	.00031	22.466	.16133	.10559	.31426	184.74
Stddev	.00005	.00214	.263	.00094	.00057	.00330	17.69
%RSD	.51199	681.65	1.1698	.58419	.54204	1.0486	9.5741

#1	.00903	.00101	22.261	.16123	.10520	.31393	178.99
#2	.00897	.00202	22.763	.16232	.10625	.31771	170.65
#3	.00894	-.00209	22.375	.16045	.10532	.31115	204.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5776	15.783	.13268	-.01455	1.5549	.25629	.56311
Stddev	.0047	.119	.00130	.00242	.0104	.00139	.05201
%RSD	.13266	.75417	.97893	16.627	.67150	.54359	9.2366

#1	3.5816	15.715	.13416	-.01553	1.5668	.25776	.54588
#2	3.5724	15.921	.13213	-.01632	1.5473	.25499	.52190
#3	3.5789	15.714	.13175	-.01179	1.5506	.25611	.62156

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8269	.00117	-.03735	3.6280	2.1595	.15004	1.2203
Stddev	.0213	.00001	.02036	.0527	.0365	.00096	.0104
%RSD	.44211	1.1373	54.505	1.4521	1.6912	.64186	.85001

#1	4.8511	.00117	-.04475	3.5745	2.1331	.15108	1.2159
#2	4.8185	.00117	-.05298	3.6297	2.2012	.14919	1.2128
#3	4.8110	.00119	-.01433	3.6799	2.1442	.14984	1.2322

Sample Name: K1224-05 Acquired: 1/25/2019 15:58:16 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-11 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11139	6.520	-.07253	<.00000	F<.00000
Stddev	.00211	.026	.01909	.15771	1.0495
%RSD	1.8901	.3981	26.321	90.988	.20254

#1	.10963	6.499	-.06688	-.02118	-519.28
#2	.11082	6.549	-.05691	-.16275	-518.00
#3	.11372	6.513	-.09382	-.33607	-517.20

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3955.6	49522.	4754.6	11.512	3259.4
Stddev	8.3	191.	64.4	1.041	11.1
%RSD	.21061	.38601	1.3544	9.0383	.34137

#1	3963.3	49302.	4779.0	11.817	3261.5
#2	3946.8	49625.	4681.6	12.365	3247.3
#3	3956.8	49640.	4803.3	10.353	3269.3

Sample Name: K1224-01 Acquired: 1/25/2019 16:02:35 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05932	-.04584	70.206	-.05118	.15197	125.91	3.2781
Stddev	.00168	.00155	.114	.00120	.00172	.66	.0198
%RSD	2.8283	3.3919	.16215	2.3454	1.1300	.52037	.60537

#1	.05747	-.04754	70.300	-.05251	.15356	125.60	3.2638
#2	.05977	-.04549	70.080	-.05087	.15220	125.47	3.3008
#3	.06073	-.04449	70.239	-.05017	.15015	126.66	3.2698

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00732	.02447	37.006	.34285	.12056	15.559	224.16
Stddev	.00011	.00163	.209	.00216	.00023	.020	14.41
%RSD	1.5191	6.6762	.56529	.62985	.18726	.12927	6.4283

#1	.00737	.02598	36.786	.34467	.12054	15.561	209.85
#2	.00720	.02469	37.202	.34046	.12035	15.578	223.96
#3	.00740	.02273	37.030	.34341	.12080	15.538	238.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7995	26.357	.24293	-.00979	2.8730	.36241	9.3178
Stddev	.0039	.291	.00089	.00188	.0271	.00195	.5625
%RSD	.21874	1.1043	.36474	19.217	.94304	.53723	6.0366

#1	1.8011	26.096	.24390	-.01141	2.8439	.36348	8.7533
#2	1.7951	26.670	.24271	-.01024	2.8975	.36358	9.3220
#3	1.8025	26.304	.24217	-.00773	2.8778	.36016	9.8782

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3707	.00403	-.08036	8.1566	1.4485	3.7448	1.9939
Stddev	.0453	.00020	.02226	.0644	.0136	.0109	.0119
%RSD	.71045	4.9615	27.702	.78959	.94059	.29015	.59474

#1	6.3286	.00425	-.10148	8.1792	1.4427	3.7573	1.9893
#2	6.4186	.00386	-.08249	8.2067	1.4641	3.7399	1.9850
#3	6.3649	.00397	-.05711	8.0839	1.4387	3.7373	2.0073

Sample Name: K1224-01 Acquired: 1/25/2019 16:02:35 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-9 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14444	7.739	.04224	.01132	F<.00000
Stddev	.00126	.017	.01419	.17743	2.4461
%RSD	.87442	.2144	33.589	1567.3	.36694
#1	.14321	7.758	.05538	.01849	-669.45
#2	.14436	7.727	.04416	-.16959	-665.42
#3	.14573	7.732	.02719	.18506	-665.03
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3805.1	48316.	4581.1	11.734	3175.2
Stddev	1.7	108.	24.4	.717	5.4
%RSD	.04491	.22321	.53187	6.1117	.17040
#1	3807.0	48286.	4602.0	12.464	3170.9
#2	3803.7	48436.	4554.3	11.706	3181.3
#3	3804.5	48227.	4586.8	11.031	3173.5

Sample Name: CCV05 Acquired: 1/25/2019 16:12:05 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 1812287259 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3049	5.2407	5.2852	5.1824	5.3961	10.771	10.567	.25927
Stddev	.2514	.2604	.2718	.2607	.2595	.053	.106	.00092
%RSD	4.7387	4.9684	5.1430	5.0305	4.8097	.48796	1.0054	.35330
#1	5.1926	5.1130	5.1501	5.0717	5.2756	10.748	10.445	.25915
#2	5.5928	5.5403	5.5981	5.4802	5.6940	10.831	10.635	.25842
#3	5.1292	5.0688	5.1074	4.9954	5.2187	10.734	10.621	.26024
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5695	26.813	1.0428	2.5893	1.3042	5.3343	2.6061	23.895
Stddev	.1313	.327	.0028	.1351	.0640	.3705	.0022	.197
%RSD	5.1086	1.2180	.27172	5.2169	4.9087	6.9466	.08574	.82482
#1	2.5044	26.455	1.0456	2.5235	1.2774	5.5529	2.6043	23.689
#2	2.7206	27.095	1.0399	2.7447	1.3772	4.9064	2.6055	24.081
#3	2.4835	26.889	1.0431	2.4998	1.2579	5.5435	2.6086	23.916
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5141	1.3317	25.521	2.4339	2.7050	24.467	5.0826	4.8984
Stddev	.1297	.0038	.194	.0027	.1574	.260	.2445	.0422
%RSD	5.1603	.28270	.76177	.11179	5.8187	1.0612	4.8114	.86149
#1	2.4532	1.3343	25.306	2.4360	2.8108	24.177	4.9675	4.8500
#2	2.6631	1.3334	25.572	2.4348	2.5241	24.543	5.3635	4.9278
#3	2.4261	1.3274	25.684	2.4308	2.7802	24.680	4.9169	4.9172
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3163	5.0248	4.9919	5.0742	5.3833	5.217	F 5.7258	F 5.7682
Stddev	.2099	.0328	.2607	.0220	.0494	.253	.0631	.0459
%RSD	3.9485	.65321	5.2225	.43356	.91701	4.840	1.1026	.79612
#1	5.2376	4.9871	4.8620	5.0488	5.3267	5.088	5.6530	5.8179
#2	5.5541	5.0469	5.2920	5.0878	5.4172	5.508	5.7657	5.7593
#3	5.1571	5.0404	4.8216	5.0861	5.4060	5.054	5.7586	5.7274

Sample Name: CCV05 Acquired: 1/25/2019 16:12:05 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 1812287259 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .03644
Stddev	.71027
%RSD	1949.4

#1	.03777
#2	.74603
#3	-.67450

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3049.4	38576.	3567.2	7.4929	3177.8
Stddev	128.3	125.	25.1	.4851	141.1
%RSD	4.2080	.32288	.70311	6.4742	4.4408

#1	3108.2	38554.	3593.5	7.1742	3243.2
#2	2902.3	38464.	3543.6	8.0512	3015.8
#3	3137.9	38710.	3564.4	7.2534	3274.3

Sample Name: CCB05 Acquired: 1/25/2019 16:16:05 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00186	-.00021	.00018	.00125	.00084	.01827	.01364
Stddev	.00131	.00179	.00042	.00169	.00110	.00725	.00335
%RSD	70.510	854.52	237.15	135.80	130.47	39.705	24.539

#1	-.00133	-.00198	.00033	.00200	.00154	.02147	.01363
#2	-.00336	-.00026	-.00030	.00243	.00140	.02337	.01030
#3	-.00090	.00160	.00050	-.00069	-.00042	.00996	.01699

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00018	-.00716	.00010	-.00028	.00083	-.01808
Stddev	.00003	.00002	.01990	.00046	.00015	.00040	.02146
%RSD	144.18	9.2185	277.84	471.36	51.927	48.487	118.67

#1	.00005	.00020	.00474	.00039	-.00027	.00129	-.02360
#2	.00000	.00017	.00390	.00034	-.00044	.00053	.00560
#3	.00000	.00017	-.03013	-.00044	-.00014	.00067	-.03625

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00639	.00062	.00093	-.05563	-.00016	.00002
Stddev	.00001	.06024	.00027	.00013	.00856	.00023	.00017
%RSD	45.868	942.25	44.186	13.776	15.391	139.28	753.46

#1	.00001	.06460	.00081	.00105	-.04801	.00009	.00016
#2	.00003	.01027	.00075	.00093	-.06490	-.00025	-.00017
#3	.00003	-.05569	.00031	.00080	-.05399	-.00033	.00007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06181	.00003	.01047	F .08277	.00692	.00052	.00678
Stddev	.02806	.00013	.00386	.01936	.00123	.00077	.00250
%RSD	45.392	369.46	36.843	23.395	17.842	146.84	36.875

#1	.03486	.00008	.00738	.07134	.00550	.00134	.00962
#2	.09085	.00013	.01479	.10512	.00773	-.00019	.00491
#3	.05972	-.00011	.00924	.07184	.00752	.00042	.00581

Sample Name: CCB05 Acquired: 1/25/2019 16:16:05 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00931	-.0029	.00037	F 4.3108	F<.00000
Stddev	.00119	.0013	.00002	.0548	.70073
%RSD	12.759	44.26	4.2972	1.2718	107.04
#1	.01042	-.0030	.00039	4.2812	.14261
#2	.00947	-.0016	.00037	4.3741	-.93360
#3	.00805	-.0042	.00036	4.2771	-1.1729
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3243.0	40918.	3599.6	8.4780	3683.1
Stddev	15.3	105.	8.8	.7126	3.2
%RSD	.47068	.25545	.24518	8.4057	.08714
#1	3253.0	40830.	3608.3	7.9159	3683.6
#2	3250.6	41033.	3590.6	9.2795	3686.0
#3	3225.4	40889.	3599.8	8.2386	3679.6

Sample Name: K1224-07 Acquired: 1/25/2019 16:20:33 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02689	-.02221	8.6974	-.02882	.01981	130.04	1.1268
Stddev	.00096	.00152	.0357	.00967	.00199	.32	.0079
%RSD	3.5600	6.8555	.41024	33.545	10.055	.24674	.69731

#1	.02787	-.02083	8.6959	-.02198	.02185	129.76	1.1355
#2	.02683	-.02384	8.7338	-.03989	.01787	129.96	1.1247
#3	.02596	-.02194	8.6625	-.02460	.01970	130.39	1.1202

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00576	-.00165	21.310	.18812	.06790	1.7134	165.96
Stddev	.00005	.00243	.190	.00103	.00059	.0064	21.53
%RSD	.80110	147.25	.88936	.54818	.86313	.37410	12.971

#1	.00580	-.00318	21.170	.18693	.06770	1.7134	179.59
#2	.00571	.00115	21.526	.18878	.06856	1.7198	141.14
#3	.00576	-.00293	21.235	.18864	.06744	1.7070	177.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5663	19.764	.13743	-.01043	2.1135	.31520	1.6352
Stddev	.0010	.018	.00085	.00348	.0072	.00241	.2110
%RSD	.06708	.08988	.61598	33.322	.33859	.76501	12.905

#1	1.5654	19.744	.13648	-.00792	2.1052	.31395	1.7722
#2	1.5659	19.778	.13810	-.01440	2.1178	.31798	1.3922
#3	1.5674	19.771	.13770	-.00897	2.1174	.31368	1.7413

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9870	.00172	-.02805	.96064	2.1136	.41528	1.1416
Stddev	.0277	.00014	.03284	.02746	.0321	.00097	.0050
%RSD	.55623	8.2018	117.10	2.8583	1.5205	.23263	.43801

#1	4.9766	.00177	.00367	.99208	2.1020	.41417	1.1375
#2	5.0185	.00183	-.06191	.94137	2.1500	.41576	1.1401
#3	4.9660	.00156	-.02590	.94846	2.0889	.41591	1.1472

Sample Name: K1224-07 Acquired: 1/25/2019 16:20:33 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-12 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18777	3.913	-.05930	1.8375	F<.00000
Stddev	.00081	.007	.02394	.1289	3.7975
%RSD	.43128	.1863	40.372	7.0156	.94139
#1	.18710	3.914	-.07518	1.9290	-402.60
#2	.18755	3.920	-.03176	1.6900	-407.53
#3	.18867	3.905	-.07095	1.8934	-400.06
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3578.9	45077.	4287.9	9.9409	3282.6
Stddev	3.5	74.	38.9	1.3796	7.2
%RSD	.09667	.16480	.90653	13.878	.21888
#1	3575.9	45107.	4285.0	9.0696	3278.7
#2	3578.1	44992.	4250.6	11.531	3278.3
#3	3582.7	45131.	4328.2	9.2216	3290.9

Sample Name: K1240-01 Acquired: 1/25/2019 16:24:52 Type: Unk
Method: P4-ICP2(v2780) 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	.04391	-.08007	2.9137	-.12858	.03582	329.16	16.412
Stddev	.00194	.00102	.0095	.00986	.00153	1.45	.048
%RSD	4.4173	1.2797	.32702	7.6724	4.2805	.44049	.29106

#1	.04594	-.07954	2.9075	-.12975	.03605	328.47	16.459
#2	.04207	-.08125	2.9091	-.13780	.03723	330.83	16.364
#3	.04371	-.07943	2.9247	-.11818	.03418	328.18	16.414

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01110	.07869	371.83	1.1726	.08470	8.9039	475.18
Stddev	.00016	.00166	1.31	.0020	.00019	.0155	17.79
%RSD	1.4564	2.1046	.35211	.17389	.22248	.17439	3.7429

#1	.01112	.08040	373.27	1.1727	.08474	8.8866	460.15
#2	.01125	.07857	370.72	1.1746	.08450	8.9085	470.57
#3	.01093	.07709	371.50	1.1705	.08487	8.9166	494.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.356	51.722	.41581	.11445	9.2113	.35158	14.100
Stddev	.044	.186	.00151	.00090	.0275	.00127	.551
%RSD	.32684	.35945	.36408	.78436	.29864	.36228	3.9070

#1	13.345	51.837	.41721	.11363	9.2429	.35289	13.648
#2	13.404	51.508	.41420	.11430	9.1989	.35034	13.939
#3	13.320	51.821	.41603	.11541	9.1922	.35152	14.714

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.677	.04674	-.33079	F 35.389	1.5785	.91176	2.5012
Stddev	.090	.00008	.03201	.235	.0097	.00207	.0122
%RSD	.43550	.16250	9.6767	.66378	.61326	.22738	.48631

#1	20.726	.04682	-.36428	35.618	1.5757	.90974	2.5071
#2	20.573	.04674	-.32760	35.149	1.5705	.91389	2.4872
#3	20.732	.04667	-.30050	35.401	1.5892	.91164	2.5093

Sample Name: K1240-01 Acquired: 1/25/2019 16:24:52 Type: Unk
 Method: P4-ICP2(v2780) 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	.08941	F 365.3	3.3538	.13653	F<.00000
Stddev	.00143	2.2	.0256	.15292	9.5352
%RSD	1.6034	.6051	.76305	112.01	.63468
#1	.08779	363.2	3.3827	.02487	-1502.8
#2	.08995	364.9	3.3451	.31082	-1492.6
#3	.09049	367.6	3.3338	.07389	-1511.7
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3320.5	42172.	4310.5	11.710	2672.2
Stddev	7.5	132.	20.0	.447	11.8
%RSD	.22697	.31316	.46298	3.8199	.44071
#1	3328.6	42155.	4292.8	12.083	2682.0
#2	3319.3	42050.	4332.1	11.831	2675.5
#3	3313.6	42312.	4306.5	11.214	2659.1

Sample Name: K1241-01 Acquired: 1/25/2019 16:29:14 Type: Unk
Method: P4-ICP2(v2780) 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	.00509	-.00500	.18070	-.00287	.00404	25.551	1.3698
Stddev	.00105	.00100	.00028	.00204	.00132	.176	.0086
%RSD	20.737	20.072	.15441	71.300	32.571	.68768	.62807

#1	.00395	-.00576	.18062	-.00453	.00420	25.367	1.3698
#2	.00603	-.00386	.18047	-.00059	.00527	25.717	1.3611
#3	.00527	-.00538	.18101	-.00348	.00265	25.569	1.3783

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	.00236	33.516	.10471	.00597	.88045	50.163
Stddev	.00006	.00025	.069	.00041	.00022	.00481	2.463
%RSD	8.5322	10.819	.20533	.38954	3.6737	.54607	4.9093

#1	.00079	.00252	33.569	.10442	.00601	.87810	48.031
#2	.00071	.00206	33.439	.10518	.00616	.87727	52.859
#3	.00067	.00249	33.541	.10454	.00573	.88598	49.599

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2185	6.1139	.03058	.00873	4.5318	.04121	1.5838
Stddev	.0055	.0410	.00023	.00058	.0188	.00050	.0785
%RSD	.44922	.67018	.74733	6.6999	.41588	1.2241	4.9577

#1	1.2156	6.0702	.03054	.00891	4.5115	.04125	1.5275
#2	1.2248	6.1514	.03037	.00919	4.5488	.04169	1.6735
#3	1.2151	6.1202	.03082	.00807	4.5349	.04068	1.5504

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2409	.00678	-.00105	7.0745	1.1848	.04898	.21896
Stddev	.0217	.00014	.01185	.0264	.0175	.00013	.00339
%RSD	.34778	2.0008	1125.4	.37259	1.4742	.27463	1.5467

#1	6.2167	.00692	-.00203	7.0447	1.2037	.04903	.22155
#2	6.2586	.00679	.01125	7.0948	1.1813	.04909	.22021
#3	6.2475	.00665	-.01238	7.0840	1.1693	.04883	.21513

Sample Name: K1241-01 Acquired: 1/25/2019 16:29:14 Type: Unk
 Method: P4-ICP2(v2780) 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	.00799	F 45.13	.28368	4.2230	F<.00000
Stddev	.00252	.12	.00262	.1222	.36344
%RSD	31.581	.2760	.92273	2.8938	.31720
#1	.00509	45.20	.28582	4.2920	-114.70
#2	.00973	45.21	.28076	4.2952	-114.17
#3	.00914	44.99	.28444	4.0819	-114.87
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3233.1	41038.	3811.3	9.5113	3522.3
Stddev	11.1	189.	20.3	.4576	11.8
%RSD	.34473	.46015	.53323	4.8107	.33571
#1	3238.3	41075.	3788.1	9.8421	3514.0
#2	3240.6	40833.	3819.5	8.9891	3517.0
#3	3220.3	41205.	3826.1	9.7026	3535.9

Sample Name: PB116612BL Acquired: 1/25/2019 16:33:32 Type: Unk
Method: P4-ICP2(v2780) 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	.00122	-.00069	-.00051	-.00160	.00092	.01131	.01324
Stddev	.00173	.00121	.00008	.00246	.00067	.01342	.00464
%RSD	142.31	175.22	14.772	153.61	72.954	118.59	35.009

#1	.00295	-.00017	-.00044	.00089	.00101	.01277	.01732
#2	.00121	.00017	-.00059	-.00403	.00155	.02394	.01420
#3	-.00051	-.00208	-.00050	-.00167	.00021	-.00277	.00820

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00018	-.01494	-.00008	-.00027	.00096	-.00319
Stddev	.00009	.00007	.00986	.00047	.00019	.00014	.05752
%RSD	303.99	38.911	65.988	559.63	71.332	14.881	1805.9

#1	.00012	.00024	-.02576	.00012	-.00013	.00094	.02794
#2	-.00005	.00011	-.01260	.00025	-.00019	.00112	-.06956
#3	.00002	.00018	-.00646	-.00062	-.00049	.00084	.03207

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00869	.00034	.00090	-.07073	-.00020	.00024
Stddev	.00002	.00801	.00012	.00043	.00541	.00038	.00011
%RSD	93.476	92.098	35.831	47.911	7.6489	194.64	46.742

#1	-.00002	.01706	.00037	.00095	-.07282	-.00051	.00036
#2	-.00001	.00791	.00021	.00131	-.07479	.00023	.00017
#3	-.00005	.00111	.00045	.00045	-.06459	-.00031	.00018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02128	.00008	.00596	F .09178	.02382	-.00025	.00626
Stddev	.02286	.00016	.00641	.03044	.00173	.00056	.00161
%RSD	107.45	198.61	107.53	33.170	7.2423	221.29	25.727

#1	.03021	.00007	.00420	.10351	.02482	-.00040	.00440
#2	.03832	-.00007	.00061	.11462	.02482	.00037	.00708
#3	-.00470	.00024	.01306	.05722	.02183	-.00073	.00730

Sample Name: PB116612BL Acquired: 1/25/2019 16:33:32 Type: Unk
Method: P4-ICP2(v2780) 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	F .00638	-.0038	.00030	F 4.0194	F<.00000
Stddev	.00045	.0013	.00010	.1586	.19182
%RSD	7.0646	34.43	33.419	3.9454	12.331

#1	.00590	-.0023	.00022	3.8441	-1.7368
#2	.00680	-.0048	.00041	4.0612	-1.3547
#3	.00645	-.0043	.00027	4.1529	-1.5754

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3243.5	41215.	3656.6	9.0000	3679.5
Stddev	13.0	27.	57.3	.4260	8.1
%RSD	.40105	.06565	1.5664	4.7335	.22094

#1	3256.6	41210.	3663.7	8.5091	3684.9
#2	3243.2	41245.	3596.1	9.2727	3670.2
#3	3230.6	41191.	3710.0	9.2182	3683.5

Sample Name: PB116623BS Acquired: 1/25/2019 16:38:01 Type: Unk
Method: P4-ICP2(v2780) 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	.86189	2.2215	1.0880	2.1329	.89640	2.2765	F .25888
Stddev	.00483	.0119	.0060	.0088	.00426	.0156	.00343
%RSD	.56009	.53479	.55041	.41137	.47521	.68708	1.3262

#1	.86479	2.2139	1.0864	2.1407	.90034	2.2946	.25720
#2	.85632	2.2155	1.0830	2.1234	.89188	2.2673	.25660
#3	.86457	2.2352	1.0947	2.1344	.89700	2.2676	.26283

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21938	.20682	1.1939	.45464	.21621	.34612	3.3617
Stddev	.00010	.00093	.0076	.00115	.00132	.00195	.3001
%RSD	.04384	.44923	.63731	.25312	.60936	.56460	8.9257

#1	.21944	.20652	1.1954	.45549	.21559	.34675	3.5232
#2	.21927	.20608	1.2006	.45333	.21532	.34393	3.0155
#3	.21943	.20786	1.1856	.45510	.21773	.34769	3.5465

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23247	2.1705	.52703	.08296	3.4309	.31574	.22530
Stddev	.00015	.0324	.00387	.00089	.0151	.00069	.01697
%RSD	.06654	1.4923	.73522	1.0714	.44140	.21836	7.5302

#1	.23261	2.1783	.52502	.08391	3.4136	.31586	.23729
#2	.23250	2.1350	.52456	.08281	3.4413	.31637	.20589
#3	.23231	2.1984	.53149	.08215	3.4380	.31500	.23272

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.975	.43459	.32123	F .08612	1.0685	.72028	.23126
Stddev	.013	.00233	.01570	.01190	.0029	.00355	.00328
%RSD	.11689	.53542	4.8860	13.814	.26926	.49308	1.4199

#1	10.960	.43692	.31978	.08668	1.0652	.72013	.23453
#2	10.980	.43227	.30632	.07395	1.0707	.71680	.23130
#3	10.984	.43459	.33761	.09773	1.0694	.72390	.22796

Sample Name: PB116623BS Acquired: 1/25/2019 16:38:01 Type: Unk
Method: P4-ICP2(v2780) 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	F .24870	5.931	F .25112	F 4.8544	F<.00000
Stddev	.00190	.021	.00063	.0995	1.0830
%RSD	.76242	.3476	.25031	2.0501	7.3309
#1	.24663	5.925	.25088	4.9322	-15.039
#2	.24912	5.913	.25065	4.7422	-13.581
#3	.25035	5.953	.25184	4.8887	-15.698
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3197.0	40126.	3541.7	8.1568	3542.8
Stddev	22.9	125.	6.4	.6244	20.0
%RSD	.71656	.31097	.18176	7.6547	.56500
#1	3182.0	39984.	3535.7	7.7250	3549.9
#2	3223.4	40217.	3541.0	8.8727	3558.3
#3	3185.6	40176.	3548.5	7.8727	3520.2

Sample Name: PB116623BL Acquired: 1/25/2019 16:42:10 Type: Unk
Method: P4-ICP2(v2780) 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	-.00145	-.00068	-.00018	-.00211	.00143	.01673	.01146
Stddev	.00125	.00041	.00017	.00151	.00081	.00440	.00272
%RSD	86.232	60.737	91.846	71.813	56.921	26.289	23.711

#1	-.00288	-.00050	-.00034	-.00102	.00185	.02029	.01368
#2	-.00058	-.00039	-.00000	-.00383	.00195	.01810	.00843
#3	-.00088	-.00115	-.00021	-.00147	.00049	.01181	.01227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00016	-.00487	-.00022	-.00033	.00052	.02086
Stddev	.00009	.00009	.01413	.00014	.00003	.00025	.03556
%RSD	137.67	56.497	289.80	65.260	8.6386	48.208	170.49

#1	-.00001	.00016	.00355	-.00006	-.00035	.00045	.06180
#2	.00016	.00007	.00301	-.00027	-.00030	.00032	-.00234
#3	.00004	.00025	-.02118	-.00033	-.00033	.00081	.00311

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.01609	.00057	.00100	-.08391	-.00026	-.00011
Stddev	.00003	.04058	.00013	.00054	.00104	.00011	.00011
%RSD	478.61	252.27	23.623	54.328	1.2382	42.628	97.101

#1	-.00003	.00753	.00062	.00142	-.08372	-.00023	-.00017
#2	.00004	.00715	.00041	.00039	-.08504	-.00038	.00001
#3	.00001	-.06294	.00066	.00119	-.08299	-.00017	-.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02356	.00022	.00742	F .07322	.01288	.00025	.00698
Stddev	.02143	.00025	.00738	.01424	.00255	.00065	.00140
%RSD	90.956	114.60	99.512	19.451	19.792	264.74	20.031

#1	-.03152	.00005	.00270	.08401	.01496	-.00031	.00554
#2	-.03987	.00051	.01592	.07856	.01004	.00096	.00708
#3	.00071	.00010	.00363	.05708	.01363	.00009	.00833

Sample Name: PB116623BL Acquired: 1/25/2019 16:42:10 Type: Unk
Method: P4-ICP2(v2780) 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	F .00535	-.0034	.00022	F 4.5315	F<.00000
Stddev	.00143	.0023	.00004	.1809	.15902
%RSD	26.736	65.32	19.666	3.9910	8.6993

#1	.00474	-.0029	.00020	4.6070	-1.6887
#2	.00433	-.0059	.00019	4.6623	-2.0012
#3	.00698	-.0016	.00027	4.3251	-1.7939

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3221.2	40818.	3586.8	8.7470	3676.5
Stddev	4.7	111.	22.7	.4104	30.4
%RSD	.14611	.27139	.63339	4.6920	.82553

#1	3223.8	40709.	3560.9	9.1068	3700.3
#2	3215.7	40814.	3596.7	8.3000	3642.3
#3	3224.0	40930.	3603.0	8.8341	3687.0

Sample Name: K1235-01 Acquired: 1/25/2019 16:50:47 Type: Unk
Method: P4-ICP2(v2780) 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	-.00278	-.00168	-.00140	-.00018	.00176	.00833	.01021
Stddev	.00089	.00157	.00078	.00087	.00067	.00443	.00165
%RSD	31.934	93.529	55.365	478.03	37.863	53.210	16.174

#1	-.00227	-.00266	-.00054	-.00083	.00236	.01244	.01207
#2	-.00380	.00013	-.00162	.00081	.00190	.00363	.00892
#3	-.00226	-.00251	-.00205	-.00053	.00104	.00892	.00964

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00011	.02039	.00101	-.00016	.00100	.00315
Stddev	.00005	.00006	.00441	.00014	.00007	.00020	.01548
%RSD	421.61	56.377	21.643	14.272	42.093	19.888	491.41

#1	.00004	.00016	.01537	.00087	-.00015	.00081	-.00279
#2	-.00004	.00004	.02364	.00116	-.00010	.00121	.02072
#3	.00003	.00013	.02218	.00101	-.00024	.00098	-.00848

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.02753	.00068	.00048	-.09061	-.00024	.00298
Stddev	.00001	.02118	.00040	.00005	.00345	.00014	.00009
%RSD	14.674	76.925	58.723	10.778	3.8095	57.729	2.9679

#1	.00010	.01658	.00033	.00054	-.09424	-.00035	.00306
#2	.00008	.01407	.00111	.00046	-.08737	-.00027	.00299
#3	.00011	.05194	.00059	.00044	-.09022	-.00009	.00289

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00188	.00016	.00336	.07923	.01723	.00006	.00790
Stddev	.01821	.00024	.00567	.02774	.00140	.00094	.00215
%RSD	971.11	143.95	168.88	35.013	8.1247	1616.9	27.274

#1	-.02039	.00043	-.00299	.04726	.01757	.00072	.00576
#2	-.00124	.00006	.00792	.09701	.01570	.00047	.01006
#3	.01601	-.00000	.00516	.09341	.01844	-.00102	.00787

Sample Name: K1235-01 Acquired: 1/25/2019 16:50:47 Type: Unk
 Method: P4-ICP2(v2780) 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	.00325	-.0035	.00022	4.2237	F<.00000
Stddev	.00049	.0010	.00018	.1890	1.0141
%RSD	14.974	27.67	81.509	4.4751	77.069
#1	.00285	-.0030	.00038	4.4258	-1.4935
#2	.00311	-.0028	.00003	4.0513	-.22464
#3	.00380	-.0046	.00024	4.1939	-2.2293
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3240.8	41349.	3570.6	8.0500	3669.8
Stddev	5.9	179.	6.3	.1030	8.7
%RSD	.18351	.43233	.17734	1.2792	.23746
#1	3240.8	41145.	3563.6	8.1682	3661.5
#2	3246.8	41424.	3575.8	8.0023	3668.9
#3	3234.9	41479.	3572.6	7.9795	3678.9

Sample Name: PB116624BS Acquired: 1/25/2019 16:55:16 Type: Unk
Method: P4-ICP2(v2780) 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	.81806	2.1252	1.0347	2.0247	.84721	2.1708	F .24941
Stddev	.00486	.0040	.0038	.0179	.00658	.0157	.00559
%RSD	.59354	.18896	.36802	.88182	.77699	.72362	2.2424

#1	.81624	2.1210	1.0303	2.0117	.84204	2.1638	.25580
#2	.81438	2.1290	1.0369	2.0173	.84497	2.1598	.24704
#3	.82356	2.1258	1.0370	2.0451	.85462	2.1888	.24539

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20966	.19724	1.1600	.43889	.20601	.33030	2.8426
Stddev	.00078	.00023	.0152	.00058	.00027	.00315	.2738
%RSD	.36974	.11530	1.3106	.13287	.13236	.95266	9.6326

#1	.20946	.19702	1.1468	.43846	.20569	.32727	2.8339
#2	.20900	.19721	1.1766	.43865	.20618	.33007	3.1207
#3	.21051	.19748	1.1566	.43955	.20615	.33355	2.5732

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22261	2.0945	.50225	.08011	3.2818	.30210	.19100
Stddev	.00004	.0607	.00027	.00122	.0269	.00012	.01998
%RSD	.01971	2.8994	.05430	1.5263	.81943	.03906	10.459

#1	.22264	2.0292	.50231	.08008	3.2873	.30224	.18828
#2	.22256	2.1493	.50250	.07890	3.3055	.30202	.21220
#3	.22264	2.1049	.50196	.08134	3.2525	.30204	.17252

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.512	.41597	.31145	F .06889	1.0286	.68669	.22282
Stddev	.051	.00350	.00511	.00351	.0053	.00024	.00497
%RSD	.48700	.84247	1.6407	5.1006	.51801	.03539	2.2307

#1	10.457	.41281	.30860	.07243	1.0225	.68660	.21842
#2	10.557	.41535	.31735	.06882	1.0310	.68650	.22821
#3	10.523	.41974	.30840	.06541	1.0323	.68696	.22183

Sample Name: PB116624BS Acquired: 1/25/2019 16:55:16 Type: Unk
 Method: P4-ICP2(v2780) 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	.23607	5.651	F .24128	F 4.9078	F<.00000
Stddev	.00359	.003	.00035	.0572	.36339
%RSD	1.5220	.0555	.14575	1.1659	2.6934

#1	.23195	5.655	.24148	4.9625	-13.230
#2	.23767	5.649	.24088	4.8484	-13.339
#3	.23858	5.650	.24149	4.9125	-13.907

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3224.9	40311.	3518.6	9.2280	3580.4
Stddev	20.9	11.	2.4	.9577	11.5
%RSD	.64771	.02707	.06780	10.378	.32022

#1	3246.0	40302.	3518.5	9.3000	3587.5
#2	3224.5	40323.	3516.3	8.2364	3567.1
#3	3204.2	40309.	3521.1	10.148	3586.5

Sample Name: PB116624BL Acquired: 1/25/2019 16:59:21 Type: Unk
Method: P4-ICP2(v2780) 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	-.00003	-.00054	-.00034	-.00218	.00042	.01556	.01918
Stddev	.00119	.00171	.00084	.00092	.00183	.01095	.00108
%RSD	3870.5	320.03	251.68	42.082	438.55	70.390	5.6426

#1	.00049	-.00121	.00033	-.00246	-.00113	.01155	.01863
#2	.00081	.00141	-.00005	-.00291	.00243	.02795	.02043
#3	-.00140	-.00181	-.00128	-.00115	-.00005	.00718	.01848

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00012	-.00239	.00025	-.00026	.00092	-.00393
Stddev	.00004	.00007	.00388	.00042	.00021	.00031	.03750
%RSD	51.104	57.607	162.00	169.11	82.003	34.257	955.28

#1	.00003	.00005	.00079	-.00022	-.00009	.00072	.00371
#2	.00011	.00012	-.00671	.00037	-.00050	.00128	-.04466
#3	.00011	.00019	-.00126	.00059	-.00019	.00075	.02917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00332	.00055	.00143	-.08183	-.00015	-.00018
Stddev	.00005	.05263	.00030	.00035	.00762	.00020	.00009
%RSD	524.00	1587.0	53.483	24.267	9.3141	129.25	50.612

#1	-.00003	-.02802	.00022	.00121	-.07775	-.00024	-.00008
#2	-.00005	.06408	.00065	.00183	-.09063	-.00029	-.00025
#3	.00005	-.02612	.00079	.00125	-.07712	.00007	-.00021

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03146	.00020	-.00058	F .07113	.00871	.00035	.00838
Stddev	.05971	.00015	.00407	.01508	.00132	.00055	.00140
%RSD	189.79	74.925	703.88	21.200	15.163	157.60	16.756

#1	-.08719	.00031	.00130	.05536	.01012	.00036	.00933
#2	.03156	.00025	.00221	.07262	.00750	.00089	.00677
#3	-.03874	.00003	-.00525	.08541	.00849	-.00021	.00903

Sample Name: PB116624BL Acquired: 1/25/2019 16:59:21 Type: Unk
Method: P4-ICP2(v2780) 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	.00412	-.0035	.00027	F 4.4945	F<.00000
Stddev	.00311	.0019	.00003	.1866	1.0559
%RSD	75.577	54.10	11.698	4.1524	69.079

#1	.00441	-.0014	.00023	4.7083	-.42435
#2	.00708	-.0040	.00029	4.4108	-1.6328
#3	.00087	-.0050	.00028	4.3644	-2.5284

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3286.1	40868.	3570.3	9.3977	3714.7
Stddev	95.1	160.	23.1	1.3391	85.3
%RSD	2.8954	.39045	.64577	14.249	2.2965

#1	3227.7	40684.	3546.8	7.9205	3659.8
#2	3234.8	40949.	3571.3	10.532	3671.3
#3	3395.9	40970.	3592.9	9.7409	3813.0

Sample Name: PB116612BS Acquired: 1/25/2019 17:03:49 Type: Unk
Method: P4-ICP2(v2780) 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	.72490	1.8819	.91937	1.7978	.75307	1.8819	.21777
Stddev	.00497	.0181	.01112	.0196	.00375	.0139	.00398
%RSD	.68525	.96168	1.2095	1.0895	.49773	.73731	1.8265

#1	.71930	1.8619	.90666	1.7775	.74942	1.8660	.22176
#2	.72660	1.8867	.92413	1.7993	.75691	1.8918	.21380
#3	.72879	1.8972	.92731	1.8166	.75288	1.8878	.21777

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18178	.17491	.99508	.38000	.18284	.29331	2.4077
Stddev	.00074	.00199	.02478	.00229	.00208	.00252	.2765
%RSD	.40600	1.1399	2.4900	.60232	1.1396	.85804	11.483

#1	.18094	.17270	.97800	.37763	.18055	.29059	2.1066
#2	.18209	.17544	1.0235	.38220	.18334	.29378	2.4664
#3	.18231	.17658	.98374	.38015	.18462	.29555	2.6502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19387	1.7998	.44529	.06884	2.8021	.26220	.16577
Stddev	.00031	.0425	.00580	.00100	.0011	.00119	.02037
%RSD	.16177	2.3617	1.3030	1.4526	.04039	.45261	12.289

#1	.19352	1.7510	.43893	.06775	2.8028	.26089	.14522
#2	.19397	1.8196	.44664	.06971	2.8026	.26249	.16612
#3	.19412	1.8288	.45029	.06907	2.8008	.26321	.18596

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0340	.36562	.26876	F .05086	.87966	.60893	.19112
Stddev	.0269	.00254	.00264	.01701	.00812	.00718	.00253
%RSD	.29807	.69380	.98245	33.441	.92296	1.1794	1.3224

#1	9.0402	.36312	.27151	.06993	.88841	.60146	.18845
#2	9.0045	.36555	.26625	.04542	.87238	.60954	.19142
#3	9.0572	.36819	.26851	.03724	.87820	.61578	.19348

Sample Name: PB116612BS Acquired: 1/25/2019 17:03:49 Type: Unk
Method: P4-ICP2(v2780) 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	.20088	5.000	.20689	F 4.6229	F<.00000
Stddev	.00302	.069	.00042	.2328	.32957
%RSD	1.5020	1.379	.20165	5.0353	2.6682

#1	.19833	4.924	.20710	4.3744	-12.657
#2	.20010	5.019	.20717	4.8358	-12.396
#3	.20421	5.058	.20641	4.6587	-12.002

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3201.3	40404.	3560.3	9.3848	3561.7
Stddev	5.2	74.	36.5	1.0577	17.8
%RSD	.16335	.18223	1.0247	11.270	.49939

#1	3200.6	40412.	3526.0	10.493	3582.2
#2	3196.5	40473.	3598.6	9.2750	3550.2
#3	3206.9	40327.	3556.3	8.3864	3552.7

Sample Name: CCV06 Acquired: 1/25/2019 17:37:18 Type: Unk
Method: P4-ICP2(v2780) 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	5.2887	5.2573	5.3107	5.1485	5.3866	10.910	10.805	.26446
Stddev	.0230	.0165	.0078	.0153	.0305	.076	.069	.00006
%RSD	.43420	.31471	.14677	.29719	.56557	.69489	.63448	.02395
#1	5.2806	5.2528	5.3135	5.1443	5.3838	10.836	10.841	.26451
#2	5.2709	5.2434	5.3019	5.1356	5.3577	10.988	10.849	.26439
#3	5.3147	5.2756	5.3167	5.1654	5.4184	10.906	10.726	.26448
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5771	27.397	1.0613	2.5976	1.3042	5.2704	2.6804	24.672
Stddev	.0042	.230	.0016	.0029	.0048	.4979	.0014	.080
%RSD	.16146	.83988	.15261	.11019	.37013	9.4470	.05115	.32419
#1	2.5807	27.467	1.0600	2.5986	1.3025	5.8440	2.6813	24.719
#2	2.5726	27.584	1.0631	2.5944	1.3004	5.0170	2.6788	24.717
#3	2.5781	27.140	1.0608	2.5998	1.3096	4.9502	2.6810	24.579
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5230	1.3573	26.264	2.4894	2.6520	25.102	5.0682	5.0217
Stddev	.0046	.0038	.129	.0006	.2560	.124	.0314	.0500
%RSD	.18109	.28204	.48966	.02336	9.6518	.49462	.61846	.99483
#1	2.5238	1.3615	26.397	2.4895	2.9375	25.189	5.0585	4.9951
#2	2.5181	1.3563	26.256	2.4898	2.5751	25.156	5.0429	5.0793
#3	2.5272	1.3541	26.140	2.4887	2.4432	24.960	5.1033	4.9906
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2861	5.1504	4.9761	5.1921	F 5.5422	5.224	F 5.8434	F 6.2246
Stddev	.0606	.0625	.0074	.0192	.0219	.011	.0373	.0827
%RSD	1.1463	1.2137	.14863	.36980	.39522	.2031	.63803	1.3280
#1	5.2347	5.1919	4.9740	5.1956	5.5456	5.235	5.8584	6.3179
#2	5.3529	5.1807	4.9699	5.2093	5.5621	5.214	5.8708	6.1953
#3	5.2708	5.0785	4.9843	5.1714	5.5187	5.222	5.8009	6.1605

Sample Name: CCV06 Acquired: 1/25/2019 17:37:18 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .83030
Stddev 1.3611
%RSD 163.93

#1 .20782
#2 -.10826
#3 2.3914

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3004.9	37295.	3412.3	7.6932	3127.5
Stddev	16.7	29.	30.1	.7121	2.7
%RSD	.55636	.07859	.88073	9.2563	.08519

#1	3010.9	37274.	3392.7	6.9092	3125.6
#2	3017.9	37283.	3397.3	7.8703	3130.6
#3	2986.1	37328.	3446.9	8.3000	3126.4

Sample Name: CCB06 Acquired: 1/25/2019 17:41:19 Type: Unk
Method: P4-ICP2(v2780) 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	.00021	-.00038	-.00024	-.00037	.00091	.00914	.02300
Stddev	.00200	.00086	.00114	.00158	.00085	.01004	.00278
%RSD	963.59	229.69	469.59	425.11	93.138	109.90	12.095

#1	.00249	-.00072	-.00041	-.00111	.00005	-.00061	.01980
#2	-.00059	-.00102	-.00129	-.00144	.00174	.00858	.02483
#3	-.00127	.00061	.00097	.00144	.00095	.01945	.02438

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00010	.01427	-.00032	-.00005	.00086	.00424
Stddev	.00006	.00011	.00659	.00030	.00005	.00017	.04972
%RSD	95.393	110.42	46.217	91.873	91.954	20.204	1173.8

#1	.00011	.00003	.01605	-.00014	-.00000	.00069	.02350
#2	-.00000	.00004	.01978	-.00066	-.00005	.00086	-.05224
#3	.00007	.00022	.00696	-.00016	-.00009	.00104	.04144

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.01670	.00027	.00140	-.06824	-.00021	-.00010
Stddev	.00007	.01991	.00044	.00033	.01359	.00047	.00009
%RSD	68.494	119.26	165.80	23.400	19.911	221.66	88.710

#1	.00011	.03466	.00070	.00176	-.07825	-.00059	-.00001
#2	.00003	.02014	-.00019	.00112	-.07369	.00031	-.00010
#3	.00018	-.00471	.00029	.00132	-.05277	-.00036	-.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01417	.00051	.00953	F .06117	.01253	.00127	.00368
Stddev	.01930	.00027	.00605	.02668	.00173	.00019	.00327
%RSD	136.18	52.379	63.501	43.624	13.827	15.099	88.763

#1	.00265	.00022	.01610	.06463	.01453	.00134	.00745
#2	-.00993	.00058	.00834	.08595	.01161	.00142	.00161
#3	-.03524	.00074	.00417	.03292	.01145	.00105	.00199

Sample Name: CCB06 Acquired: 1/25/2019 17:41:19 Type: Unk
 Method: P4-ICP2(v2780) 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	F .01153	-.0047	.00035	F 4.4486	F<.00000
Stddev	.00132	.0011	.00021	.0664	.42186
%RSD	11.419	22.93	60.509	1.4917	34.563
#1	.01115	-.0059	.00017	4.5183	-1.0939
#2	.01044	-.0037	.00029	4.4413	-1.6913
#3	.01299	-.0046	.00058	4.3862	-.87659
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3177.4	39980.	3472.0	8.8705	3602.6
Stddev	15.8	164.	6.8	.5695	23.0
%RSD	.49652	.40982	.19618	6.4196	.63937
#1	3164.3	39890.	3468.5	8.7864	3580.6
#2	3172.9	40169.	3467.7	8.3477	3600.6
#3	3194.9	39881.	3479.9	9.4773	3626.6

Sample Name: K1237-01 Acquired: 1/25/2019 17:45:47 Type: Unk
Method: P4-ICP2(v2780) 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	.36874	-.01461	.17516	-.04206	.02062	9.9622	.10143
Stddev	.00375	.00421	.00381	.00775	.00310	.1999	.00348
%RSD	1.0177	28.846	2.1775	18.416	15.050	2.0061	3.4281

#1	.36960	-.00978	.17544	-.04379	.01792	10.193	.10381
#2	.37199	-.01653	.17122	-.03360	.01993	9.8545	.10303
#3	.36464	-.01752	.17883	-.04880	.02401	9.8394	.09744

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00154	.00080	F 5202.5	.00316	.00342	.07116	117.44
Stddev	.00016	.00111	74.7	.00048	.00013	.00295	11.13
%RSD	10.463	138.79	1.4360	15.186	3.7807	4.1406	9.4803

#1	.00137	.00174	5129.9	.00363	.00351	.07369	107.30
#2	.00158	-.00042	5279.2	.00267	.00328	.06793	129.36
#3	.00168	.00107	5198.5	.00317	.00348	.07187	115.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.025	1289.3	.02141	-.00283	1.9337	.04009	.94144
Stddev	.090	12.3	.00053	.00247	.0166	.00040	.09266
%RSD	.55860	.95679	2.4765	87.202	.85739	.99370	9.8427

#1	16.114	1282.1	.02202	-.00508	1.9176	.04023	.85390
#2	16.025	1303.6	.02108	-.00019	1.9508	.04039	1.0385
#3	15.935	1282.3	.02112	-.00324	1.9326	.03964	.93192

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4656	-.00043	.04476	F 20.464	1.3488	.01653	.09264
Stddev	.3062	.00069	.00800	.259	.0337	.00115	.00263
%RSD	12.419	161.79	17.882	1.2654	2.5004	6.9391	2.8415

#1	2.7680	-.00120	.03660	20.186	1.3237	.01521	.09192
#2	2.4731	.00010	.05260	20.507	1.3871	.01719	.09556
#3	2.1557	-.00017	.04507	20.698	1.3355	.01720	.09044

Sample Name: K1237-01 Acquired: 1/25/2019 17:45:47 Type: Unk
Method: P4-ICP2(v2780) 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	.65151	.8719	F 18.536	10.224	F<.00000
Stddev	.00285	.0050	.271	.039	1.6498
%RSD	.43769	.5727	1.4625	.38015	1.6155
#1	.65149	.8679	18.346	10.268	-100.62
#2	.65437	.8775	18.847	10.197	-103.89
#3	.64867	.8703	18.416	10.207	-101.87
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2511.2	32050.	3659.7	5.9882	1908.2
Stddev	3.4	44.	48.3	.5641	4.4
%RSD	.13599	.13747	1.3190	9.4198	.23112
#1	2513.8	32073.	3697.6	6.5373	1913.2
#2	2512.6	31999.	3605.3	5.4103	1905.4
#3	2507.4	32078.	3676.1	6.0170	1905.8

Sample Name: K1229-02 Acquired: 1/25/2019 17:55:02 Type: Unk
Method: P4-ICP2(v2780) 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	.00231	-.00359	.00490	.00020	.00242	.00812	.04356	.00014
Stddev	.00256	.00166	.00089	.00125	.00187	.01137	.00057	.00004
%RSD	110.56	46.349	18.120	624.18	77.332	139.89	1.3164	27.097
#1	-.00055	-.00204	.00428	.00002	.00348	-.00483	.04321	.00010
#2	.00314	-.00338	.00450	-.00095	.00354	.01278	.04325	.00015
#3	.00435	-.00535	.00591	.00153	.00026	.01642	.04423	.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	45.830	-.00101	-.00047	.00175	-.01048	.00283	107.26
Stddev	.00008	.185	.00043	.00024	.00035	.04827	.00007	.24
%RSD	123.62	.40263	42.065	51.893	19.836	460.53	2.5933	.22285
#1	-.00001	45.863	-.00079	-.00046	.00135	-.02450	.00284	107.53
#2	-.00003	45.995	-.00151	-.00023	.00191	-.05019	.00290	107.07
#3	-.00016	45.631	-.00074	-.00071	.00198	.04325	.00275	107.19
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00296	.00134	879.56	.00044	.00063	34.436	.00100	.38273
Stddev	.00045	.00032	21.32	.00035	.00035	.287	.00045	.01005
%RSD	15.255	23.657	2.4237	79.852	56.045	.83288	44.926	2.6271
#1	-.00244	.00098	893.35	.00062	.00039	34.713	.00053	.39389
#2	-.00317	.00146	890.33	.00003	.00046	34.455	.00104	.37995
#3	-.00326	.00157	855.01	.00065	.00103	34.140	.00142	.37437
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 87.039	1.0520	-.02829	.00503	.03157	.0156	.74839	7.4061
Stddev	.416	.0133	.00057	.00265	.00098	.0007	.00757	.1170
%RSD	.47765	1.2666	2.0194	52.712	3.1169	4.443	1.0121	1.5800
#1	86.774	1.0537	-.02792	.00407	.03176	.0163	.75373	7.5262
#2	86.826	1.0644	-.02800	.00803	.03246	.0149	.75172	7.2924
#3	87.518	1.0379	-.02895	.00300	.03051	.0156	.73972	7.3997

Sample Name: K1229-02 Acquired: 1/25/2019 17:55:02 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.749
Stddev	.729
%RSD	6.7825

#1	11.521
#2	10.654
#3	10.072

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2776.6	33525.	3206.1	7.9054	2788.3
Stddev	20.9	182.	43.9	1.0844	21.5
%RSD	.75288	.54195	1.3704	13.718	.77218

#1	2793.2	33316.	3183.4	8.4189	2806.0
#2	2783.4	33649.	3178.0	8.6377	2794.6
#3	2753.1	33609.	3256.7	6.6596	2764.3

Sample Name: K1229-03 Acquired: 1/25/2019 17:59:35 Type: Unk
Method: P4-ICP2(v2780) 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	.00294	-.00115	.00519	.00023	.00172	.01102	.04723	.00016
Stddev	.00333	.00002	.00049	.00215	.00087	.01254	.00197	.00002
%RSD	113.23	2.0831	9.5271	932.53	50.934	113.71	4.1647	11.413
#1	.00663	-.00116	.00518	-.00002	.00082	.00564	.04535	.00016
#2	.00016	-.00112	.00569	.00250	.00177	.02535	.04927	.00014
#3	.00203	-.00116	.00470	-.00178	.00256	.00208	.04706	.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	55.068	-.00138	-.00038	.00179	-.02545	.00499	129.02
Stddev	.00003	.577	.00062	.00031	.00047	.01292	.00003	.43
%RSD	44.869	1.0485	44.930	82.682	26.067	50.763	.52092	.33338
#1	-.00008	55.446	-.00156	-.00040	.00148	-.03087	.00498	129.48
#2	-.00003	54.404	-.00190	-.00067	.00156	-.01070	.00502	128.97
#3	-.00008	55.355	-.00069	-.00006	.00233	-.03478	.00498	128.62
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00301	.00066	1022.0	.00072	.00123	41.550	.00113	.46479
Stddev	.00056	.00062	18.9	.00010	.00051	.482	.00013	.00682
%RSD	18.637	93.322	1.8527	13.321	41.553	1.1609	11.748	1.4677
#1	-.00323	.00015	1041.9	.00083	.00148	41.857	.00117	.47086
#2	-.00344	.00136	1004.2	.00067	.00064	40.994	.00124	.46609
#3	-.00238	.00048	1019.8	.00066	.00157	41.799	.00099	.45741
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 106.55	1.3505	-.03505	.00495	.03710	.0188	.90264	7.5542
Stddev	.40	.0279	.00057	.00180	.00227	.0001	.01108	.0778
%RSD	.37731	2.0669	1.6240	36.345	6.1194	.5827	1.2275	1.0295
#1	106.33	1.3796	-.03491	.00390	.03804	.0187	.91163	7.5621
#2	106.31	1.3239	-.03568	.00393	.03874	.0187	.89026	7.6277
#3	107.01	1.3480	-.03457	.00703	.03451	.0189	.90604	7.4728

Sample Name: K1229-03 Acquired: 1/25/2019 17:59:35 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.700
Stddev	.982
%RSD	8.3937

#1	11.240
#2	11.033
#3	12.828

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2784.5	33431.	3271.1	6.5773	2774.4
Stddev	4.0	300.	46.5	1.2108	7.4
%RSD	.14249	.89884	1.4219	18.408	.26768

#1	2789.0	33275.	3226.9	6.0653	2782.7
#2	2782.6	33240.	3319.6	7.9600	2768.3
#3	2781.7	33777.	3266.7	5.7067	2772.4

Sample Name: K1247-01 Acquired: 1/25/2019 18:08:42 Type: Unk
Method: P4-ICP2(v2780) 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	-.00246	-.00117	.00138	-.00161	.00242	.23411	.02356
Stddev	.00075	.00020	.00168	.00104	.00081	.00550	.00477
%RSD	30.437	16.910	121.76	64.559	33.652	2.3512	20.232

#1	-.00205	-.00140	.00332	-.00239	.00221	.22858	.01915
#2	-.00201	-.00104	.00052	-.00200	.00332	.23959	.02291
#3	-.00333	-.00107	.00030	-.00043	.00173	.23417	.02861

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00008	.19831	.00403	.00037	.06938	1.5554
Stddev	.00007	.00002	.00555	.00022	.00010	.00829	.1117
%RSD	63.043	26.126	2.7968	5.5640	27.011	11.954	7.1824

#1	.00004	.00010	.19770	.00377	.00026	.07744	1.4270
#2	.00012	.00007	.19310	.00417	.00040	.06984	1.6083
#3	.00018	.00007	.20414	.00414	.00046	.06087	1.6308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01381	.04399	.00495	.00106	1.2248	-.00013	.15477
Stddev	.00004	.05146	.00014	.00062	.0162	.00021	.00678
%RSD	.26533	116.98	2.8748	58.391	1.3205	163.06	4.3804

#1	.01377	.10100	.00511	.00066	1.2382	-.00037	.14742
#2	.01381	.03000	.00490	.00075	1.2293	.00002	.16077
#3	.01384	.00097	.00483	.00177	1.2068	-.00003	.15614

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17017	.00026	.01793	.07714	1.1832	.00090	.00686
Stddev	.03854	.00010	.01224	.01547	.0106	.00032	.00147
%RSD	22.651	36.750	68.301	20.050	.89814	35.257	21.419

#1	.21238	.00037	.03137	.08874	1.1854	.00122	.00535
#2	.13686	.00023	.01500	.08310	1.1717	.00090	.00828
#3	.16126	.00019	.00741	.05958	1.1926	.00058	.00694

Sample Name: K1247-01 Acquired: 1/25/2019 18:08:42 Type: Unk
 Method: P4-ICP2(v2780) 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	.00073	.0006	-.00089	3.2574	F<.00000
Stddev	.00112	.0011	.00009	.0519	.76209
%RSD	153.00	184.5	10.506	1.5939	19.321
#1	-.00042	.0008	-.00078	3.2661	-4.6045
#2	.00182	.0016	-.00095	3.2017	-4.1184
#3	.00080	-.0006	-.00094	3.3045	-3.1104
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3602.3	41957.	3572.1	8.4030	4116.2
Stddev	305.8	166.	28.4	.5776	350.5
%RSD	8.4886	.39512	.79537	6.8738	8.5152
#1	3299.7	41962.	3551.7	9.0636	3769.0
#2	3596.1	42121.	3604.5	8.1523	4109.7
#3	3911.2	41790.	3560.0	7.9932	4469.9

Sample Name: K1247-02 Acquired: 1/25/2019 18:13:10 Type: Unk
Method: P4-ICP2(v2780) 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	.00097	-.00055	-.00047	-.00106	-.00015	.08233	.03193
Stddev	.00144	.00139	.00094	.00239	.00186	.00498	.00560
%RSD	149.08	251.04	197.49	226.02	1248.3	6.0487	17.529

#1	.00187	-.00024	-.00156	.00124	.00070	.07912	.02571
#2	.00172	.00065	.00011	-.00353	.00113	.08807	.03655
#3	-.00070	-.00207	.00003	-.00089	-.00228	.07980	.03354

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00016	.12277	.00137	-.00004	.01632	.22300
Stddev	.00002	.00005	.01750	.00016	.00029	.00042	.03595
%RSD	26.024	28.858	14.255	11.681	660.34	2.5507	16.120

#1	.00007	.00013	.10959	.00121	-.00031	.01596	.25962
#2	.00006	.00021	.14263	.00136	-.00008	.01622	.22162
#3	.00010	.00014	.11609	.00153	.00026	.01678	.18777

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00328	.03012	.00174	.00100	.21889	.00004	.05413
Stddev	.00006	.03361	.00012	.00024	.02067	.00053	.00257
%RSD	1.8607	111.59	7.0487	23.807	9.4431	1360.4	4.7392

#1	.00323	.03526	.00160	.00097	.19546	-.00048	.05542
#2	.00335	.06086	.00182	.00078	.23454	.00003	.05579
#3	.00327	-.00577	.00180	.00126	.22667	.00057	.05117

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01632	.00001	.23353	.07986	7.9026	.00090	.00804
Stddev	.01914	.00017	.00716	.00657	.1728	.00016	.00201
%RSD	117.30	1748.0	3.0660	8.2204	2.1864	18.336	25.005

#1	-.03191	.00004	.22874	.07293	7.7463	.00076	.00601
#2	-.02208	.00017	.24176	.08068	8.0882	.00108	.01003
#3	.00504	-.00017	.23009	.08598	7.8735	.00085	.00807

Sample Name: K1247-02 Acquired: 1/25/2019 18:13:10 Type: Unk
Method: P4-ICP2(v2780) 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	.00177	-.0023	.00037	3.7891	F<.00000
Stddev	.00155	.0002	.00008	.2687	.57412
%RSD	87.505	8.093	21.295	7.0922	40.405

#1	.00068	-.0025	.00045	4.0447	-.77499
#2	.00354	-.0021	.00029	3.5090	-1.6146
#3	.00109	-.0024	.00037	3.8136	-1.8731

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3332.1	41584.	3551.5	9.8273	3843.7
Stddev	25.3	300.	74.3	.4710	14.3
%RSD	.75969	.72037	2.0934	4.7929	.37303

#1	3356.6	41321.	3613.9	9.5318	3856.4
#2	3333.7	41910.	3469.2	9.5795	3846.5
#3	3306.1	41521.	3571.3	10.370	3828.2

Sample Name: K1247-03 Acquired: 1/25/2019 18:17:36 Type: Unk
Method: P4-ICP2(v2780) 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	-.00133	-.00116	-.00019	-.00106	.01135	.03955	.02071
Stddev	.00110	.00060	.00090	.00021	.00111	.00909	.00707
%RSD	82.564	51.721	460.57	19.608	9.7967	22.995	34.136

#1	-.00177	-.00048	-.00022	-.00106	.01222	.03276	.01853
#2	-.00008	-.00162	.00071	-.00084	.01173	.03600	.01499
#3	-.00215	-.00136	-.00108	-.00126	.01010	.04988	.02861

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00031	.08122	.00273	.00003	.04992	.46107
Stddev	.00004	.00004	.01954	.00028	.00012	.00277	.09723
%RSD	80.929	11.407	24.060	10.202	438.97	5.5431	21.089

#1	.00001	.00034	.05870	.00247	.00009	.05197	.42557
#2	.00005	.00027	.09121	.00271	-.00011	.05102	.57107
#3	.00009	.00032	.09375	.00303	.00009	.04677	.38657

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01242	-.00228	.00542	.00088	.88084	.00007	.06761
Stddev	.00016	.02177	.00021	.00070	.00566	.00042	.00857
%RSD	1.2557	952.86	3.9645	79.093	.64288	577.71	12.670

#1	.01239	.01800	.00550	.00046	.88566	-.00041	.06153
#2	.01258	.00043	.00558	.00168	.88226	.00033	.07740
#3	.01228	-.02528	.00517	.00050	.87461	.00029	.06389

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12838	.00031	.00785	.07230	.48141	.00062	.00820
Stddev	.02704	.00008	.00793	.00545	.00727	.00062	.00457
%RSD	21.064	24.320	101.00	7.5324	1.5109	100.49	55.792

#1	.15429	.00030	-.00067	.07427	.47936	.00117	.00294
#2	.10033	.00039	.00921	.06614	.48949	.00075	.01045
#3	.13052	.00024	.01502	.07648	.47538	-.00006	.01121

Sample Name: K1247-03 Acquired: 1/25/2019 18:17:36 Type: Unk
 Method: P4-ICP2(v2780) 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	.00234	-.0019	-.00000	3.3525	F<.00000
Stddev	.00279	.0012	.00015	.2212	.67077
%RSD	119.41	65.12	3959.8	6.5990	26.120

#1	-.00059	-.0005	.00006	3.3529	-1.8421
#2	.00265	-.0021	-.00018	3.1311	-3.1648
#3	.00497	-.0030	.00011	3.5736	-2.6972

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3417.7	42060.	3572.5	8.5000	3930.9
Stddev	164.7	34.	14.5	.9600	184.5
%RSD	4.8199	.08109	.40465	11.294	4.6948

#1	3304.1	42087.	3556.0	9.3182	3825.8
#2	3342.4	42072.	3578.4	7.4432	3822.9
#3	3606.6	42022.	3583.1	8.7386	4144.0

Sample Name: K1015-13 Acquired: 1/25/2019 18:22:04 Type: Unk
Method: P4-ICP2(v2780) 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	.01887	-.10385	.15728	-.05109	.00767	122.85	.62828
Stddev	.00121	.00074	.00629	.00896	.00164	.76	.00359
%RSD	6.4205	.70995	4.0016	17.537	21.406	.62224	.57101

#1	.01911	-.10414	.15100	-.04237	.00597	121.97	.62510
#2	.01995	-.10302	.15725	-.05063	.00780	123.36	.63217
#3	.01756	-.10440	.16359	-.06027	.00925	123.23	.62755

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00584	-.00171	53.243	.19836	.16200	.41826	230.31
Stddev	.00014	.00320	.458	.00176	.00048	.00759	29.11
%RSD	2.4015	187.44	.85987	.88923	.29610	1.8144	12.638

#1	.00599	-.00473	52.771	.20033	.16183	.41257	258.33
#2	.00572	-.00202	53.685	.19693	.16254	.41535	232.36
#3	.00579	.00164	53.273	.19782	.16163	.42688	200.23

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2361	57.257	.28798	-.01619	7.4064	.39958	.43153
Stddev	.0304	.660	.00107	.00367	.0663	.00184	.05624
%RSD	.58073	1.1531	.37004	22.648	.89529	.46096	13.033

#1	5.2037	56.716	.28748	-.01303	7.3495	.40137	.48644
#2	5.2640	57.993	.28725	-.01533	7.4793	.39769	.43410
#3	5.2405	57.062	.28920	-.02020	7.3905	.39968	.37405

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9520	.00127	-.03245	3.4252	1.7654	.01699	5.1313
Stddev	.0320	.00040	.05827	.0224	.0349	.00175	.0199
%RSD	.46094	31.841	179.55	.65299	1.9756	10.300	.38884

#1	6.9311	.00086	.02887	3.4004	1.7660	.01553	5.1182
#2	6.9889	.00166	-.03914	3.4439	1.7303	.01893	5.1543
#3	6.9361	.00128	-.08709	3.4312	1.8000	.01651	5.1215

Sample Name: K1015-13 Acquired: 1/25/2019 18:22:04 Type: Unk
Method: P4-ICP2(v2780) 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	.15479	5.546	-.01360	.68988	F<.00000
Stddev	.00213	.008	.03206	.23604	2.0095
%RSD	1.3784	.1487	235.69	34.214	.32913
#1	.15254	5.536	-.04536	.47571	-612.82
#2	.15678	5.552	-.01420	.94295	-609.86
#3	.15505	5.549	.01875	.65098	-608.98
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3633.9	45395.	4249.4	10.503	3129.9
Stddev	8.2	139.	29.3	1.396	16.6
%RSD	.22606	.30630	.68840	13.291	.52939
#1	3624.4	45427.	4251.1	9.2021	3124.1
#2	3638.4	45243.	4219.4	10.328	3117.0
#3	3638.9	45515.	4277.8	11.978	3148.6

Sample Name: K1015-15 Acquired: 1/25/2019 18:26:31 Type: Unk
Method: P4-ICP2(v2780) 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	.03213	-.07328	.50819	-.04653	.00902	152.45	.82536
Stddev	.00255	.00395	.01409	.01545	.00180	.58	.01181
%RSD	7.9412	5.3853	2.7734	33.197	19.904	.38105	1.4313

#1	.03508	-.06873	.49192	-.02869	.00850	152.81	.83866
#2	.03067	-.07562	.51673	-.05556	.01102	151.78	.82136
#3	.03065	-.07551	.51591	-.05533	.00755	152.76	.81607

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00722	-.00376	59.224	.27945	.15660	.39595	260.94
Stddev	.00007	.00463	.562	.00257	.00194	.01259	37.90
%RSD	1.0300	123.13	.94845	.91982	1.2362	3.1802	14.523

#1	.00731	-.00911	59.873	.27655	.15439	.38142	304.70
#2	.00718	-.00130	58.882	.28037	.15745	.40373	238.61
#3	.00717	-.00088	58.919	.28144	.15797	.40270	239.52

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3870	49.260	.27553	-.01421	8.1947	.60055	.64080
Stddev	.0149	.501	.00243	.00543	.0677	.00204	.09136
%RSD	.27586	1.0175	.88247	38.216	.82633	.33958	14.257

#1	5.3844	49.838	.27275	-.00794	8.2702	.59880	.74629
#2	5.4030	49.003	.27724	-.01721	8.1392	.60005	.58903
#3	5.3736	48.940	.27660	-.01748	8.1748	.60279	.58708

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.393	.00240	-.00179	4.5195	1.9088	.01996	3.5951
Stddev	.076	.00019	.05387	.0722	.0326	.00040	.0186
%RSD	.73005	8.0275	3016.8	1.5973	1.7091	2.0139	.51594

#1	10.479	.00220	.06020	4.4497	1.9463	.02017	3.6090
#2	10.336	.00242	-.03731	4.5150	1.8934	.01950	3.6022
#3	10.365	.00258	-.02825	4.5939	1.8868	.02022	3.5740

Sample Name: K1015-15 Acquired: 1/25/2019 18:26:31 Type: Unk
Method: P4-ICP2(v2780) 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	.18588	5.975	-.03911	.66572	F<.00000
Stddev	.00187	.044	.03840	.02307	1.7687
%RSD	1.0080	.7342	98.164	3.4652	.27801

#1	.18780	5.924	-.08345	.66479	-635.46
#2	.18578	5.999	-.01648	.64313	-634.95
#3	.18405	6.002	-.01742	.68924	-638.24

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3708.6	45855.	4248.3	9.7044	3130.2
Stddev	15.2	132.	44.5	1.3020	15.4
%RSD	.40959	.28808	1.0471	13.417	.49048

#1	3726.1	45711.	4198.1	8.2011	3140.6
#2	3700.7	45971.	4264.2	10.436	3137.4
#3	3699.0	45883.	4282.7	10.476	3112.5

Sample Name: K1229-01 Acquired: 1/25/2019 18:30:58 Type: Unk
Method: P4-ICP2(v2780) 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	.00381	-.00341	.00344	-.00144	.00077	.00487	.03483	.00010
Stddev	.00154	.00079	.00095	.00371	.00211	.01412	.00349	.00005
%RSD	40.543	23.093	27.614	258.57	273.06	290.25	10.016	50.230
#1	.00436	-.00343	.00444	-.00460	.00195	.01312	.03879	.00009
#2	.00499	-.00418	.00255	.00265	-.00166	-.01144	.03346	.00016
#3	.00206	-.00261	.00332	-.00236	.00203	.01291	.03223	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	26.810	-.00072	-.00038	.00129	-.00589	.00220	61.331
Stddev	.00001	.186	.00033	.00019	.00036	.02152	.00012	.159
%RSD	934.10	.69477	45.734	51.204	27.684	365.13	5.5732	.25899
#1	.00000	26.595	-.00048	-.00060	.00125	.01058	.00225	61.205
#2	-.00001	26.922	-.00059	-.00031	.00166	-.03024	.00206	61.279
#3	.00001	26.913	-.00110	-.00023	.00095	.00198	.00229	61.509
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00220	.00123	522.19	.00003	.00043	19.304	.00036	.21685
Stddev	.00016	.00109	4.07	.00020	.00005	.061	.00027	.01028
%RSD	7.0894	88.612	.78000	668.55	11.367	.31494	75.668	4.7385
#1	-.00236	.00249	526.43	.00023	.00049	19.239	.00063	.20673
#2	-.00219	.00050	518.30	-.00017	.00041	19.315	.00008	.21654
#3	-.00205	.00071	521.83	.00003	.00041	19.359	.00037	.22727
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 49.012	.65233	-.01514	.00673	.03574	.0055	.43333	6.5072
Stddev	.203	.00436	.00079	.00188	.00285	.0015	.00177	.0962
%RSD	.41443	.66761	5.2306	27.977	7.9849	27.18	.40867	1.4779
#1	48.804	.65094	-.01591	.00685	.03248	.0068	.43148	6.5994
#2	49.210	.64884	-.01433	.00855	.03776	.0057	.43349	6.4075
#3	49.022	.65721	-.01518	.00479	.03699	.0039	.43501	6.5146

Sample Name: K1229-01 Acquired: 1/25/2019 18:30:58 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.2829
Stddev	.3934
%RSD	4.7500

#1	8.4185
#2	7.8397
#3	8.5907

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2914.9	35537.	3338.3	8.8814	2969.0
Stddev	19.9	361.	5.0	.3104	19.1
%RSD	.68221	1.0170	.15042	3.4945	.64370

#1	2921.1	35304.	3339.3	8.5619	2977.3
#2	2892.6	35954.	3342.7	9.1817	2947.1
#3	2930.9	35354.	3332.9	8.9006	2982.6

Sample Name: K1229-04 Acquired: 1/25/2019 18:35:31 Type: Unk
Method: P4-ICP2(v2780) 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	-.00034	-.00207	.00458	-.00362	.00053	.22319	.03670	.00011
Stddev	.00182	.00165	.00086	.00100	.00127	.01393	.00220	.00004
%RSD	541.72	79.812	18.723	27.562	237.31	6.2417	5.9974	34.111
#1	-.00145	-.00111	.00409	-.00291	.00183	.23780	.03416	.00011
#2	.00177	-.00112	.00407	-.00319	-.00070	.22172	.03789	.00008
#3	-.00133	-.00398	.00557	-.00476	.00047	.21005	.03805	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	40.952	-.00093	-.00049	.00204	.15602	.00842	95.480
Stddev	.00009	.401	.00052	.00017	.00018	.04397	.00006	.546
%RSD	713.62	.97816	55.697	34.124	8.6150	28.179	.65559	.57180
#1	.00007	40.501	-.00115	-.00046	.00204	.13678	.00840	94.996
#2	-.00010	41.267	-.00129	-.00067	.00186	.20633	.00848	96.072
#3	.00006	41.088	-.00034	-.00034	.00221	.12495	.00838	95.371
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00192	.00102	782.45	.00103	.00511	30.741	.00082	.34401
Stddev	.00035	.00048	4.82	.00049	.00067	.101	.00039	.00425
%RSD	18.346	47.414	.61619	47.347	13.193	.32811	47.685	1.2347
#1	-.00152	.00078	783.90	.00085	.00435	30.668	.00124	.34056
#2	-.00215	.00158	786.38	.00158	.00565	30.856	.00072	.34876
#3	-.00211	.00070	777.07	.00066	.00531	30.700	.00048	.34272
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 78.357	1.3011	-.02544	.00845	.04438	.0209	.66999	7.1305
Stddev	.307	.0282	.00048	.00178	.00252	.0008	.00588	.2245
%RSD	.39195	2.1694	1.8691	21.069	5.6748	3.737	.87778	3.1483
#1	78.425	1.2786	-.02528	.00707	.04186	.0209	.66596	7.3022
#2	78.021	1.3328	-.02597	.01046	.04690	.0201	.67673	6.8765
#3	78.624	1.2920	-.02506	.00781	.04438	.0217	.66726	7.2128

Sample Name: K1229-04 Acquired: 1/25/2019 18:35:31 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.196
Stddev	.837
%RSD	8.2117

#1	10.803
#2	9.2411
#3	10.545

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2866.1	34177.	3296.1	8.4201	2883.1
Stddev	22.0	196.	9.1	.7111	22.0
%RSD	.76625	.57359	.27744	8.4450	.76417

#1	2849.4	33951.	3296.1	9.1702	2864.5
#2	2891.0	34277.	3287.0	7.7559	2907.5
#3	2858.1	34303.	3305.3	8.3341	2877.4

Sample Name: CCV07 Acquired: 1/25/2019 18:44:31 Type: Unk
Method: P4-ICP2(v2780) 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	5.0070	4.9567	5.0341	4.8758	5.1050	10.255	10.670	.25794
Stddev	.2274	.2031	.2084	.2157	.2258	.051	.064	.00047
%RSD	4.5419	4.0966	4.1398	4.4246	4.4235	.49975	.60293	.18414
#1	5.1741	5.0687	5.1522	5.0507	5.2691	10.224	10.599	.25754
#2	5.0990	5.0791	5.1566	4.9419	5.1984	10.226	10.685	.25846
#3	4.7480	4.7223	4.7934	4.6347	4.8474	10.314	10.726	.25781
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4425	27.072	1.0442	2.4489	1.2357	4.7909	2.6160	24.468
Stddev	.1015	.204	.0037	.1016	.0529	.1333	.0022	.084
%RSD	4.1536	.75435	.35541	4.1501	4.2777	2.7825	.08392	.34254
#1	2.5007	26.852	1.0484	2.5077	1.2753	4.6493	2.6185	24.412
#2	2.5014	27.110	1.0426	2.5075	1.2561	4.8092	2.6154	24.428
#3	2.3253	27.255	1.0415	2.3315	1.1757	4.9140	2.6142	24.564
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3885	1.3307	25.857	2.4228	2.4204	25.169	4.8216	5.0022
Stddev	.0999	.0033	.108	.0029	.0196	.105	.2031	.0350
%RSD	4.1830	.24492	.41824	.12003	.80898	.41779	4.2128	.70016
#1	2.4459	1.3344	25.736	2.4222	2.4370	25.076	4.9679	4.9618
#2	2.4465	1.3293	25.891	2.4203	2.4254	25.147	4.9073	5.0202
#3	2.2731	1.3284	25.944	2.4260	2.3988	25.283	4.5897	5.0245
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9715	5.2443	4.7271	5.1103	F 5.5235	4.941	F 5.7405	5.4534
Stddev	.2431	.0116	.1946	.0272	.0269	.210	.0264	.0279
%RSD	4.8894	.22192	4.1176	.53193	.48660	4.260	.46020	.51076
#1	5.0878	5.2573	4.8354	5.1074	5.4973	5.088	5.7122	5.4420
#2	5.1346	5.2408	4.8435	5.0846	5.5222	5.035	5.7449	5.4852
#3	4.6921	5.2348	4.5024	5.1388	5.5510	4.700	5.7644	5.4331

Sample Name: CCV07 Acquired: 1/25/2019 18:44:31 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .61115
Stddev	.67635
%RSD	110.67

#1	.11975
#2	.33117
#3	1.3825

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3244.6	39400.	3464.0	8.4880	3397.8
Stddev	111.9	20.	8.4	.0056	117.5
%RSD	3.4477	.05070	.24341	.06647	3.4595

#1	3168.6	39377.	3455.8	8.4932	3338.9
#2	3192.1	39407.	3463.7	8.4888	3321.3
#3	3373.1	39415.	3472.6	8.4820	3533.1

Sample Name: CCB07 Acquired: 1/25/2019 18:48:31 Type: Unk
Method: P4-ICP2(v2780) 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	-.00138	.00097	-.00095	-.00162	.00139	.01536	.02312
Stddev	.00157	.00164	.00103	.00340	.00051	.00632	.00715
%RSD	114.20	169.21	107.83	209.89	36.989	41.123	30.923

#1	.00040	.00259	-.00064	.00185	.00175	.00955	.02418
#2	-.00197	.00102	-.00012	-.00177	.00080	.01444	.02968
#3	-.00258	-.00069	-.00210	-.00495	.00162	.02208	.01550

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00012	-.00922	-.00022	-.00034	.00099	-.01631
Stddev	.00005	.00005	.00880	.00023	.00014	.00031	.00872
%RSD	45.914	41.431	95.435	107.74	40.000	30.992	53.470

#1	.00017	.00011	.00060	-.00012	-.00047	.00127	-.02197
#2	.00008	.00008	-.01640	-.00049	-.00037	.00066	-.00627
#3	.00008	.00018	-.01185	-.00005	-.00020	.00104	-.02068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.01242	.00036	.00101	.10648	.00001	-.00012
Stddev	.00003	.04522	.00013	.00043	.00397	.00045	.00018
%RSD	167.42	364.20	34.792	42.347	3.7285	6471.5	157.38

#1	.00001	.00202	.00022	.00097	.10194	-.00032	.00007
#2	.00004	-.06309	.00047	.00060	.10817	-.00017	-.00013
#3	-.00001	.02382	.00038	.00145	.10931	.00052	-.00029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00358	.00046	.00946	F .09714	.00851	.00041	.00665
Stddev	.02010	.00022	.00898	.02037	.00098	.00035	.00094
%RSD	561.36	47.919	94.903	20.968	11.495	85.454	14.109

#1	-.01608	.00051	.00574	.11330	.00754	.00001	.00671
#2	.01961	.00022	.01971	.07426	.00849	.00067	.00568
#3	-.01427	.00065	.00294	.10386	.00950	.00054	.00755

Sample Name: CCB07 Acquired: 1/25/2019 18:48:31 Type: Unk
 Method: P4-ICP2(v2780) 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	F .01263	-.0058	.00035	F 3.9099	F<.00000
Stddev	.00186	.0017	.00011	.1989	.94109
%RSD	14.686	29.95	31.828	5.0879	279.29

#1	.01163	-.0076	.00045	3.9974	-.25177
#2	.01149	-.0055	.00036	3.6822	.55865
#3	.01477	-.0042	.00023	4.0501	-1.3177

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3308.7	41413.	3520.8	9.5492	3752.1
Stddev	60.3	175.	9.4	1.0029	67.3
%RSD	1.8236	.42267	.26706	10.502	1.7946

#1	3273.6	41251.	3510.9	8.4795	3710.0
#2	3274.0	41389.	3529.5	9.7000	3716.5
#3	3378.3	41599.	3522.2	10.468	3829.7

Sample Name: K1229-01DUP Acquired: 1/25/2019 18:55:34 Type: Unk
Method: P4-ICP2(v2780) 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	-.00285	.00450	-.00175	.00189	.01208	.03555	.00011
Stddev	.00158	.00044	.00065	.00189	.00163	.00720	.00639	.00005
%RSD	80.469	15.577	14.519	108.36	85.927	59.612	17.965	47.972
#1	.00052	-.00297	.00379	-.00067	.00154	.01988	.03955	.00006
#2	.00171	-.00322	.00506	-.00394	.00367	.01069	.03891	.00012
#3	.00365	-.00236	.00466	-.00063	.00047	.00568	.02818	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	34.308	-.00075	-.00049	.00123	-.03144	.00272	78.269
Stddev	.00011	.096	.00031	.00038	.00046	.05166	.00008	.506
%RSD	908.08	.28016	41.286	77.748	37.917	164.29	2.7886	.64670
#1	.00000	34.197	-.00084	-.00047	.00069	-.02703	.00281	77.716
#2	.00013	34.365	-.00101	-.00088	.00146	-.08517	.00268	78.383
#3	-.00010	34.362	-.00041	-.00012	.00152	.01787	.00267	78.709
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00207	.00142	662.33	.00037	.00094	25.044	.00053	.28037
Stddev	.00032	.00055	5.47	.00063	.00020	.093	.00011	.00690
%RSD	15.660	38.819	.82616	167.26	21.460	.36961	21.033	2.4603
#1	-.00172	.00128	659.94	.00020	.00100	24.991	.00051	.27482
#2	-.00214	.00203	668.59	.00107	.00072	25.151	.00043	.27819
#3	-.00236	.00096	658.45	-.00014	.00111	24.990	.00065	.28809
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 65.251	.83588	-.02081	.00492	.03368	.0098	.55353	6.9130
Stddev	.923	.01433	.00100	.00392	.00455	.0002	.00128	.0965
%RSD	1.4147	1.7139	4.7927	79.805	13.521	1.808	.23176	1.3963
#1	64.365	.84871	-.01976	.00920	.03118	.0098	.55342	6.8065
#2	65.180	.83851	-.02092	.00407	.03092	.0100	.55486	6.9949
#3	66.207	.82042	-.02175	.00149	.03894	.0097	.55231	6.9375

Sample Name: K1229-01DUP Acquired: 1/25/2019 18:55:34 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.6926
Stddev	.3802
%RSD	3.9225

#1	9.5103
#2	10.130
#3	9.4380

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2855.7	34949.	3346.4	6.9255	2884.2
Stddev	34.9	96.	24.7	.4531	42.1
%RSD	1.2232	.27348	.73874	6.5422	1.4612

#1	2892.5	35009.	3337.5	7.3086	2929.9
#2	2851.5	34838.	3327.4	7.0425	2876.0
#3	2823.1	34999.	3374.3	6.4254	2846.8

Sample Name: K1229-01LX5 Acquired: 1/25/2019 19:00:04 Type: Unk
Method: P4-ICP2(v2780) 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	-.00077	-.00272	.00087	-.00215	.00136	.00444	.03119	.00017
Stddev	.00241	.00118	.00040	.00144	.00099	.00991	.00175	.00005
%RSD	315.05	43.308	46.515	66.825	73.211	223.26	5.6216	29.288

#1	-.00175	-.00139	.00128	-.00378	.00101	.01368	.03282	.00013
#2	-.00253	-.00316	.00086	-.00105	.00058	.00565	.02934	.00022
#3	.00198	-.00362	.00047	-.00162	.00248	-.00602	.03140	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	2.8763	-.00031	-.00033	.00099	.00056	.00026	6.6638
Stddev	.00004	.0254	.00002	.00013	.00006	.01533	.00004	.0119
%RSD	23.767	.88186	5.5819	38.688	6.3131	2713.8	17.154	.17889

#1	.00013	2.8558	-.00029	-.00035	.00102	.00328	.00031	6.6775
#2	.00021	2.8684	-.00033	-.00044	.00092	.01435	.00023	6.6558
#3	.00015	2.9047	-.00032	-.00019	.00104	-.01594	.00024	6.6580

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	.00067	57.163	-.00012	.00009	2.0461	.00023	.03456
Stddev	.00020	.00037	.339	.00029	.00007	.0068	.00005	.00447
%RSD	37.214	54.734	.59382	254.57	79.793	.33281	21.090	12.931

#1	-.00073	.00105	57.340	-.00043	.00005	2.0408	.00022	.03962
#2	-.00034	.00032	57.377	.00016	.00018	2.0438	.00028	.03118
#3	-.00051	.00063	56.771	-.00008	.00005	2.0538	.00018	.03286

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6272	.07468	-.00029	.00612	.01517	-.0051	.04673	4.9977
Stddev	.0356	.00388	.00035	.00197	.00337	.0010	.00013	.0675
%RSD	.76850	5.1988	119.43	32.155	22.207	19.26	.28809	1.3506

#1	4.6471	.07462	.00010	.00711	.01440	-.0042	.04658	5.0749
#2	4.6484	.07859	-.00043	.00386	.01885	-.0049	.04677	4.9683
#3	4.5861	.07082	-.00055	.00741	.01225	-.0061	.04684	4.9499

Sample Name: K1229-01LX5 Acquired: 1/25/2019 19:00:04 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.5834
Stddev	.8205
%RSD	51.818

#1	1.8367
#2	2.2473
#3	.66611

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3162.6	38842.	3385.6	7.9596	3427.4
Stddev	10.5	150.	33.0	.1376	6.6
%RSD	.33245	.38508	.97539	1.7282	.19308

#1	3162.3	38694.	3364.5	8.0688	3420.4
#2	3173.2	38841.	3368.7	7.8051	3428.4
#3	3152.2	38993.	3423.7	8.0049	3433.5

Sample Name: K1229-01MS Acquired: 1/25/2019 19:04:32 Type: Unk
Method: P4-ICP2(v2780) 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	1.0260	2.4340	1.2575	2.5216	1.0112	2.5349	.29745
Stddev	.0107	.0263	.0155	.0437	.0207	.0202	.00552
%RSD	1.0440	1.0802	1.2335	1.7310	2.0427	.79580	1.8550

#1	1.0137	2.4058	1.2432	2.4724	.98792	2.5351	.29284
#2	1.0335	2.4384	1.2554	2.5557	1.0273	2.5550	.29596
#3	1.0307	2.4578	1.2740	2.5366	1.0185	2.5146	.30356

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26117	.25043	25.578	.50262	.25240	.37570	3.6894
Stddev	.00156	.00240	.086	.00423	.00335	.00607	.5783
%RSD	.59613	.95848	.33430	.84186	1.3267	1.6144	15.674

#1	.26028	.24794	25.492	.49774	.24877	.36943	3.1461
#2	.26025	.25061	25.663	.50489	.25308	.38154	4.2972
#3	.26297	.25273	25.578	.50523	.25536	.37615	3.6249

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25558	58.271	.63955	.09444	476.49	.35983	.28787
Stddev	.00185	.392	.00589	.00126	2.94	.00185	.04162
%RSD	.72519	.67356	.92082	1.3393	.61642	.51379	14.457

#1	.25389	57.833	.63516	.09304	476.54	.35773	.24975
#2	.25530	58.392	.63724	.09478	473.53	.36052	.33227
#3	.25756	58.589	.64624	.09549	479.40	.36123	.28158

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.497	.48156	.55926	F 42.874	1.7387	.83756	.24785
Stddev	.222	.00633	.01071	.332	.0232	.00987	.00314
%RSD	.75168	1.3151	1.9148	.77514	1.3319	1.1788	1.2662

#1	29.496	.47437	.55265	42.992	1.7121	.82700	.24425
#2	29.276	.48631	.57162	42.499	1.7495	.83912	.24934
#3	29.719	.48400	.55353	43.132	1.7544	.84656	.24997

Sample Name: K1229-01MS Acquired: 1/25/2019 19:04:32 Type: Unk
Method: P4-ICP2(v2780) 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	.28432	7.867	.64452	6.7015	F<.00000
Stddev	.00475	.072	.00556	.0878	.44398
%RSD	1.6704	.9200	.86313	1.3106	9.1891

#1	.27909	7.800	.64386	6.6256	-4.7212
#2	.28551	7.857	.63932	6.6811	-5.3204
#3	.28836	7.944	.65039	6.7977	-4.4533

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2936.8	35356.	3237.3	7.3572	2991.9
Stddev	19.3	73.	19.6	.9716	11.7
%RSD	.65682	.20736	.60391	13.207	.38988

#1	2947.2	35437.	3236.0	8.2606	2986.7
#2	2914.5	35294.	3257.5	6.3293	3005.3
#3	2948.6	35337.	3218.4	7.4818	2983.7

Sample Name: K1229-01MSD Acquired: 1/25/2019 19:08:46 Type: Unk
Method: P4-ICP2(v2780) 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	1.0391	2.4974	1.2803	2.5579	1.0292	2.6627	.30159
Stddev	.0032	.0100	.0038	.0076	.0019	.0207	.00337
%RSD	.30762	.40112	.29716	.29686	.18105	.77701	1.1189

#1	1.0381	2.5081	1.2837	2.5492	1.0308	2.6397	.29983
#2	1.0426	2.4960	1.2812	2.5612	1.0297	2.6683	.29947
#3	1.0365	2.4882	1.2762	2.5633	1.0271	2.6799	.30548

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27298	.25555	25.542	.52365	.25850	.38100	3.2600
Stddev	.00128	.00072	.415	.00291	.00075	.00076	.0745
%RSD	.47029	.28043	1.6259	.55596	.29074	.19880	2.2841

#1	.27175	.25634	25.062	.52105	.25923	.38128	3.2034
#2	.27289	.25534	25.793	.52310	.25854	.38159	3.3444
#3	.27431	.25496	25.769	.52680	.25773	.38015	3.2323

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26751	57.771	.65360	.09785	471.60	.37797	.24398
Stddev	.00103	.682	.00112	.00127	2.55	.00157	.00244
%RSD	.38433	1.1809	.17173	1.3021	.54118	.41482	.99971

#1	.26641	56.994	.65424	.09677	468.79	.37682	.24269
#2	.26768	58.270	.65426	.09751	472.27	.37734	.24680
#3	.26845	58.050	.65231	.09925	473.76	.37976	.24247

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.157	.49236	.56232	F 42.855	1.7921	.86126	.25891
Stddev	.393	.00045	.00469	.210	.0082	.00333	.00271
%RSD	1.3042	.09111	.83459	.49002	.45588	.38704	1.0473

#1	29.706	.49288	.55720	42.681	1.7854	.86310	.25682
#2	30.335	.49210	.56333	43.088	1.7896	.86326	.26197
#3	30.430	.49210	.56642	42.796	1.8012	.85741	.25792

Sample Name: K1229-01MSD Acquired: 1/25/2019 19:08:46 Type: Unk
Method: P4-ICP2(v2780) 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	.29745	8.050	.65679	6.5001	F<.00000
Stddev	.00403	.026	.00944	.1598	1.3026
%RSD	1.3547	.3285	1.4379	2.4583	25.751

#1	.29411	8.076	.64589	6.3504	-5.3876
#2	.29630	8.050	.66267	6.6684	-3.6227
#3	.30192	8.023	.66179	6.4815	-6.1647

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2964.8	35671.	3291.5	8.7141	2997.6
Stddev	6.0	118.	37.8	.0655	9.7
%RSD	.20320	.33109	1.1473	.75131	.32239

#1	2957.8	35799.	3334.8	8.7385	2986.7
#2	2968.5	35566.	3265.4	8.6400	3000.8
#3	2968.1	35648.	3274.3	8.7640	3005.2

Sample Name: K1229-01A Acquired: 1/25/2019 19:12:59 Type: Unk
Method: P4-ICP2(v2780) 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	s .10109	s .20924	s .09665	s .25722	s .09651	k 2.4106	.28717
Stddev	.17782	.33983	.18026	.42862	.17848	.0456	.01599
%RSD	175.90	162.41	186.52	166.64	184.93	1.8929	5.5686

#1	s .30642	s .60162	s .30478	s .75212	s .30260	k 2.4578	.29812
#2	-.00011	.01741	-.00512	.01500	-.00601	2.4073	.29457
#3	-.00303	.00870	-.00972	.00455	-.00706	2.3668	.26882

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .24231	s .02095	k 24.234	k .46850	s .02064	s .04027	k 3.2735
Stddev	.00240	.03543	.971	.00525	.03613	.06899	.3186
%RSD	.99148	169.16	4.0076	1.1206	175.04	171.32	9.7327

#1	k .24387	s .06186	k 24.831	k .47284	s .06236	s .11992	k 3.1535
#2	.24352	.00096	24.757	.46998	.00025	.00139	3.0324
#3	.23954	.00002	23.113	.46266	-.00069	-.00050	3.6347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23728	54.975	s .05856	k .08629	449.68	k .33287	k .03840
Stddev	.00230	2.027	.08964	.00081	19.15	.00281	.06252
%RSD	.96827	3.6868	153.06	.94398	4.2596	.84444	162.82

#1	.23918	56.668	s .16206	k .08576	458.29	k .33441	k .11057
#2	.23792	55.528	.00804	.08723	463.02	.33457	.00343
#3	.23473	52.729	.00559	.08589	427.73	.32962	.00119

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.800	s .05273	k .53806	s 3.2196	k 1.6880	s .07018	k .25238
Stddev	1.027	.08876	.02131	5.5298	.0554	.12256	.01326
%RSD	3.5657	168.32	3.9610	171.75	3.2843	174.62	5.2555

#1	29.523	s .15521	k .55911	s 9.6046	k 1.7257	s .21169	k .26084
#2	29.253	.00262	.53857	.07591	1.7140	.00068	.25920
#3	27.625	.00036	.51650	-.02167	1.6244	-.00182	.23709

Sample Name: K1229-01A Acquired: 1/25/2019 19:12:59 Type: Unk
Method: P4-ICP2(v2780) 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	.28565	s .6234	k .62704	4.8849	F<.00000
Stddev	.01421	1.058	.02413	.2455	2.0063
%RSD	4.9748	169.7	3.8479	5.0261	36.823

#1	.29542	s 1.845	k .64332	4.9677	-6.8585
#2	.29218	.0240	.63847	5.0784	-6.3356
#3	.26935	.0010	.59932	4.6087	-3.1516

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	^ *****	39446.	3437.7	8.7439	^ *****
Stddev	-----	343.	97.3	.8251	-----
%RSD	-----	.87056	2.8318	9.4364	-----

#1	^ -----	39117.	3393.9	9.1145	^ -----
#2	9324.2	39420.	3369.8	9.3188	11829.
#3	9267.7	39802.	3549.2	7.7985	11878.

Sample Name: K1247-01DUP Acquired: 1/25/2019 19:17:23 Type: Unk
Method: P4-ICP2(v2780) 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	-.00161	-.00242	.00262	.00104	.00186	.23954	.02527
Stddev	.00174	.00156	.00031	.00248	.00108	.00893	.00490
%RSD	108.32	64.347	11.746	238.98	58.470	3.7290	19.391

#1	-.00299	-.00377	.00226	-.00156	.00263	.23197	.02795
#2	.00035	-.00072	.00278	.00339	.00232	.23727	.01962
#3	-.00220	-.00277	.00280	.00129	.00062	.24939	.02826

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00007	.19405	.00402	.00031	.07540	1.4551
Stddev	.00004	.00004	.01065	.00036	.00011	.00433	.1338
%RSD	147.65	64.914	5.4860	8.8735	36.048	5.7377	9.1951

#1	.00006	.00005	.20464	.00370	.00041	.07909	1.3173
#2	.00004	.00012	.19417	.00396	.00033	.07647	1.4634
#3	-.00002	.00004	.18335	.00441	.00019	.07064	1.5845

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01346	.03612	.00536	.00099	1.0507	-.00012	.14789
Stddev	.00014	.03416	.00017	.00074	.0293	.00015	.00972
%RSD	1.0220	94.563	3.1353	74.312	2.7885	123.71	6.5696

#1	.01358	.05902	.00523	.00124	1.0604	-.00018	.14249
#2	.01350	-.00314	.00529	.00157	1.0738	-.00023	.14209
#3	.01331	.05248	.00555	.00016	1.0177	.00005	.15911

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09169	.00030	.02255	.07626	1.1788	.00070	.00572
Stddev	.02418	.00021	.00568	.00683	.0181	.00053	.00594
%RSD	26.372	67.669	25.195	8.9608	1.5373	74.669	103.87

#1	.06381	.00049	.02472	.08359	1.1991	.00131	.01235
#2	.10427	.00009	.02683	.07511	1.1643	.00036	.00394
#3	.10698	.00034	.01610	.07007	1.1729	.00044	.00087

Sample Name: K1247-01DUP Acquired: 1/25/2019 19:17:23 Type: Unk
Method: P4-ICP2(v2780) 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	.00261	.0007	-.00074	3.5781	F<.00000
Stddev	.00248	.0011	.00023	.2396	.74643
%RSD	95.100	152.1	30.558	6.6969	19.603

#1	.00137	.0020	-.00051	3.6059	-3.1239
#2	.00547	.0004	-.00076	3.8026	-3.6952
#3	.00099	-.0002	-.00096	3.3258	-4.6040

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3428.6	42165.	3581.7	9.0826	3909.0
Stddev	139.7	404.	49.5	.6464	173.4
%RSD	4.0734	.95813	1.3834	7.1170	4.4349

#1	3314.0	41972.	3524.9	9.4705	3762.9
#2	3387.5	41895.	3615.6	9.4409	3863.4
#3	3584.1	42630.	3604.7	8.3364	4100.5

Sample Name: K1247-01LX5 Acquired: 1/25/2019 19:21:51 Type: Unk
Method: P4-ICP2(v2780) 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	-.00028	-.00011	-.00060	-.00105	.00366	.05349	.02424
Stddev	.00038	.00079	.00118	.00275	.00050	.00298	.00340
%RSD	133.48	744.26	196.53	262.24	13.577	5.5707	14.037

#1	-.00071	-.00088	.00072	-.00004	.00381	.05447	.02745
#2	-.00012	-.00013	-.00153	.00106	.00310	.05585	.02461
#3	-.00002	.00069	-.00099	-.00415	.00406	.05014	.02067

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00007	.04097	.00073	-.00020	.01651	.41741
Stddev	.00006	.00004	.01477	.00032	.00009	.00021	.01185
%RSD	65.319	61.553	36.055	43.631	44.730	1.2874	2.8383

#1	.00009	.00012	.05166	.00036	-.00010	.01664	.41263
#2	.00016	.00006	.02411	.00095	-.00027	.01662	.40870
#3	.00004	.00003	.04714	.00086	-.00025	.01626	.43090

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00267	.00573	.00152	.00075	.31462	-.00018	.04292
Stddev	.00001	.07301	.00009	.00061	.01443	.00015	.00454
%RSD	.47300	1273.6	6.0894	82.225	4.5852	85.074	10.577

#1	.00266	-.03053	.00158	.00048	.30488	-.00025	.03882
#2	.00268	-.04204	.00142	.00145	.33119	-.00028	.04215
#3	.00268	.08977	.00158	.00031	.30779	-.00000	.04780

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04629	.00014	.00022	.12038	.24815	.00079	.00599
Stddev	.02148	.00016	.00345	.05580	.00248	.00034	.00317
%RSD	46.412	116.69	1572.4	46.354	.99966	42.850	52.838

#1	-.06753	.00026	.00410	.17175	.25003	.00040	.00253
#2	-.04676	.00020	-.00250	.12837	.24534	.00093	.00873
#3	-.02457	-.00005	-.00095	.06101	.24909	.00103	.00672

Sample Name: K1247-01LX5 Acquired: 1/25/2019 19:21:51 Type: Unk
Method: P4-ICP2(v2780) 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	.00970	-.0038	-.00004	3.5702	F<.00000
Stddev	.00163	.0007	.00003	.2382	1.0828
%RSD	16.805	17.84	69.337	6.6715	56.037

#1	.01125	-.0032	-.00001	3.4167	-.68858
#2	.00800	-.0036	-.00006	3.8446	-2.6654
#3	.00985	-.0045	-.00006	3.4492	-2.4426

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3306.5	41348.	3484.6	6.2674	3716.5
Stddev	26.1	13.	12.3	.6297	19.1
%RSD	.78976	.03055	.35239	10.047	.51305

#1	3310.7	41340.	3472.0	6.8727	3721.4
#2	3278.6	41363.	3496.5	6.3136	3732.6
#3	3330.3	41342.	3485.4	5.6159	3695.5

Sample Name: K1247-01MS Acquired: 1/25/2019 19:26:20 Type: Unk
Method: P4-ICP2(v2780) 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	.88356	2.2915	1.1277	2.1756	.98217	2.5147	.27347
Stddev	.00361	.0034	.0074	.0162	.00520	.0128	.00742
%RSD	.40805	.14887	.65656	.74422	.52960	.50968	2.7138

#1	.88665	2.2927	1.1352	2.1876	.98785	2.5172	.26857
#2	.88445	2.2876	1.1204	2.1821	.98103	2.5261	.28201
#3	.87960	2.2941	1.1277	2.1572	.97763	2.5008	.26984

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22715	.21286	1.4015	.47810	.22361	.44085	3.6763
Stddev	.00083	.00113	.0196	.00041	.00077	.00255	.4547
%RSD	.36359	.52984	1.3986	.08569	.34466	.57883	12.368

#1	.22810	.21405	1.3981	.47846	.22444	.44287	3.1553
#2	.22676	.21271	1.4226	.47818	.22291	.44169	3.9932
#3	.22659	.21181	1.3839	.47765	.22348	.43798	3.8803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25193	2.3226	.55056	.08632	4.6850	.33306	.33911
Stddev	.00047	.0527	.00097	.00020	.0392	.00005	.04492
%RSD	.18568	2.2708	.17597	.23281	.83609	.01532	13.245

#1	.25230	2.2622	.55168	.08623	4.6895	.33303	.28869
#2	.25209	2.3458	.54994	.08619	4.7218	.33312	.37484
#3	.25141	2.3598	.55006	.08656	4.6438	.33303	.35380

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.816	.48125	.35036	.03760	2.3609	.78628	.25352
Stddev	.091	.00210	.00418	.02689	.0136	.00326	.00239
%RSD	.76709	.43544	1.1936	71.526	.57425	.41456	.94445

#1	11.767	.48338	.34868	.00701	2.3465	.79005	.25626
#2	11.920	.48118	.35512	.05755	2.3734	.78440	.25248
#3	11.760	.47919	.34727	.04823	2.3628	.78441	.25183

Sample Name: K1247-01MS Acquired: 1/25/2019 19:26:20 Type: Unk
Method: P4-ICP2(v2780) 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	.25750	6.037	.25724	4.1254	F<.00000
Stddev	.00360	.024	.00130	.0636	.65411
%RSD	1.3986	.4047	.50618	1.5416	4.0384

#1	.25334	6.064	.25714	4.1424	-15.982
#2	.25957	6.017	.25859	4.0551	-15.678
#3	.25959	6.031	.25599	4.1788	-16.932

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3282.7	41258.	3490.2	9.4000	3667.5
Stddev	11.1	105.	10.6	1.3058	14.8
%RSD	.33662	.25558	.30503	13.891	.40282

#1	3270.8	41142.	3490.4	10.884	3652.0
#2	3284.7	41282.	3479.5	8.4273	3681.5
#3	3292.7	41349.	3500.8	8.8886	3668.9

Sample Name: K1247-01MSD Acquired: 1/25/2019 19:30:26 Type: Unk
Method: P4-ICP2(v2780) 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	.88876	2.3217	1.1371	2.1904	.99061	2.4045	.27461
Stddev	.04524	.1072	.0535	.1079	.05063	.0678	.00914
%RSD	5.0901	4.6182	4.7037	4.9240	5.1108	2.8200	3.3269

#1	.84740	2.2275	1.0892	2.0930	.94403	2.4504	.28464
#2	.93708	2.4384	1.1948	2.3063	1.0445	2.4366	.26676
#3	.88181	2.2993	1.1272	2.1719	.98331	2.3266	.27242

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21626	.21499	1.3789	.45127	.22537	.44267	3.8028
Stddev	.00760	.01034	.0108	.01668	.01098	.02213	.3225
%RSD	3.5133	4.8115	.78284	3.6956	4.8728	4.9986	8.4799

#1	.22193	.20556	1.3909	.46446	.21551	.42241	3.7454
#2	.21922	.22605	1.3758	.45684	.23721	.46628	4.1502
#3	.20763	.21336	1.3700	.43253	.22340	.43934	3.5130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23918	2.3363	.55603	.08084	4.6261	.31419	.34691
Stddev	.00798	.0448	.02683	.00259	.0206	.01104	.03217
%RSD	3.3379	1.9183	4.8246	3.2007	.44501	3.5151	9.2719

#1	.24500	2.2971	.53241	.08280	4.6363	.32322	.35011
#2	.24246	2.3852	.58520	.08181	4.6024	.31747	.37736
#3	.23008	2.3267	.55049	.07791	4.6396	.30187	.31327

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.735	.48527	.35616	.05292	2.3411	.79582	.25433
Stddev	.028	.02463	.00897	.01636	.0312	.03815	.00082
%RSD	.23803	5.0758	2.5197	30.921	1.3341	4.7932	.32230

#1	11.711	.46286	.34829	.04687	2.3343	.76191	.25356
#2	11.727	.51164	.36593	.04044	2.3138	.83712	.25425
#3	11.766	.48131	.35427	.07145	2.3752	.78842	.25519

Sample Name: K1247-01MSD Acquired: 1/25/2019 19:30:26 Type: Unk
Method: P4-ICP2(v2780) 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	.25322	6.105	.25594	2.9728	F<.00000
Stddev	.00104	.290	.00104	.7484	.28742
%RSD	.40941	4.753	.40541	25.174	1.7312
#1	.25357	5.837	.25518	3.5460	-16.454
#2	.25404	6.414	.25551	3.2462	-16.933
#3	.25206	6.065	.25712	2.1261	-16.419
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3272.2	43347.	3524.8	9.1348	3640.4
Stddev	150.4	1311.	4.4	.8301	155.2
%RSD	4.5961	3.0233	.12492	9.0876	4.2643
#1	3411.2	42451.	3529.8	8.9727	3783.9
#2	3112.6	42739.	3521.6	8.3977	3475.6
#3	3292.8	44851.	3522.9	10.034	3661.5

Sample Name: K1247-01A Acquired: 1/25/2019 19:34:32 Type: Unk
Method: P4-ICP2(v2780) 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	s .05923	s .16385	s .06939	s .15633	s .06288	k 2.3577	.25433
Stddev	.11140	.27154	.13791	.26278	.12383	.0461	.01299
%RSD	188.08	165.73	198.74	168.10	196.93	1.9535	5.1082

#1	s .18786	s .47739	s .22864	s .45976	s .20587	k 2.3956	.26854
#2	-.00529	.00740	-.00992	.00581	-.00882	2.3711	.25139
#3	-.00488	.00675	-.01054	.00341	-.00841	2.3065	.24306

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .20931	s .01470	k 1.3277	k .43988	s .01491	s .03234	k 3.4965
Stddev	.00414	.02554	.0702	.00922	.02714	.05696	.2171
%RSD	1.9766	173.72	5.2869	2.0969	182.03	176.11	6.2089

#1	k .21252	s .04419	k 1.4024	k .44636	s .04624	s .09812	k 3.2789
#2	.21077	-.00003	1.3175	.44397	-.00074	-.00060	3.7131
#3	.20464	-.00006	1.2631	.42932	-.00077	-.00049	3.4975

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23192	2.2677	s .04297	k .07831	4.3739	k .30176	k .03632
Stddev	.00464	.0698	.06476	.00157	.2033	.00551	.06179
%RSD	2.0004	3.0782	150.71	2.0084	4.6483	1.8257	170.13

#1	.23541	2.3429	s .11775	k .07755	4.6077	k .30516	k .10766
#2	.23368	2.2554	.00569	.08012	4.2753	.30472	.00082
#3	.22666	2.2049	.00548	.07727	4.2388	.29541	.00046

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.093	s .03757	k .32770	s -.01421	k 2.1988	s .05223	k .24035
Stddev	.450	.06456	.01399	.01596	.0907	.09391	.01025
%RSD	4.0536	171.82	4.2703	112.35	4.1256	179.81	4.2633

#1	11.603	s .11212	k .34189	s .00415	k 2.3022	s .16066	k .25218
#2	10.922	.00044	.32729	-.02196	2.1614	-.00191	.23421
#3	10.753	.00016	.31391	-.02481	2.1327	-.00207	.23467

Sample Name: K1247-01A Acquired: 1/25/2019 19:34:32 Type: Unk
Method: P4-ICP2(v2780) 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	.24194	s .3958	k .24440	2.9517	F<.00000
Stddev	.01353	.6865	.01333	.2880	.30510
%RSD	5.5926	173.5	5.4525	9.7579	1.9131
#1	.25756	s 1.189	k .25973	3.2250	-15.932
#2	.23439	-.0001	.23789	2.9791	-15.650
#3	.23387	-.0010	.23558	2.6510	-16.260
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	^ *****	43899.	3661.9	9.8705	^ *****
Stddev	-----	532.	143.2	.6654	-----
%RSD	-----	1.2120	3.9114	6.7418	-----
#1	^ -----	43416.	3496.9	10.616	^ -----
#2	9207.1	43811.	3733.7	9.3364	11798.
#3	9378.6	44469.	3755.0	9.6591	12036.

Sample Name: CCV08 Acquired: 1/25/2019 19:38:50 Type: Unk
Method: P4-ICP2(v2780) 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	5.2942	5.3188	5.3720	5.1804	5.3860	10.737	10.862	.26848
Stddev	.0163	.0019	.0079	.0366	.0371	.083	.117	.00008
%RSD	.30807	.03586	.14745	.70714	.68828	.77014	1.0779	.02842
#1	5.2788	5.3189	5.3740	5.1702	5.3599	10.726	10.768	.26840
#2	5.2926	5.3168	5.3787	5.1500	5.3696	10.661	10.993	.26850
#3	5.3113	5.3206	5.3633	5.2211	5.4284	10.825	10.824	.26854
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6093	27.363	1.0761	2.6148	1.3094	4.9123	2.7168	25.318
Stddev	.0033	.279	.0070	.0032	.0050	1.0133	.0034	.234
%RSD	.12563	1.0196	.64919	.12076	.38498	20.628	.12663	.92561
#1	2.6056	27.041	1.0692	2.6121	1.3083	6.0692	2.7128	25.048
#2	2.6118	27.530	1.0761	2.6183	1.3050	4.1823	2.7183	25.465
#3	2.6106	27.518	1.0832	2.6141	1.3149	4.4855	2.7192	25.442
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5621	1.3657	26.519	2.5320	2.4654	25.599	5.1344	5.1125
Stddev	.0027	.0009	.228	.0007	.5034	.229	.0203	.0072
%RSD	.10349	.06788	.86003	.02593	20.417	.89582	.39600	.14145
#1	2.5601	1.3655	26.308	2.5316	3.0416	25.405	5.1170	5.1043
#2	2.5651	1.3667	26.761	2.5328	2.1114	25.852	5.1293	5.1149
#3	2.5611	1.3649	26.487	2.5317	2.2432	25.541	5.1567	5.1182
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3743	5.2659	5.0785	5.2799	F 5.5834	5.295	F 5.7663	F 5.6689
Stddev	.0427	.0481	.0051	.0476	.0541	.013	.0682	.0278
%RSD	.79353	.91408	.09995	.90125	.96843	.2353	1.1833	.49071
#1	5.4137	5.2253	5.0740	5.2266	5.5342	5.306	5.7041	5.6403
#2	5.3290	5.3191	5.0840	5.2949	5.6413	5.298	5.8392	5.6704
#3	5.3802	5.2534	5.0774	5.3181	5.5747	5.281	5.7555	5.6959

Sample Name: CCV08 Acquired: 1/25/2019 19:38:50 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.3192
Stddev .2997
%RSD 22.721

#1 1.6635
#2 1.1166
#3 1.1775

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3112.3	38275.	3446.7	8.6813	3221.2
Stddev	9.8	23.	34.8	1.6046	4.0
%RSD	.31362	.05985	1.0096	18.484	.12304

#1	3113.1	38300.	3476.3	6.8571	3217.2
#2	3121.7	38267.	3408.4	9.8745	3221.2
#3	3102.2	38256.	3455.5	9.3124	3225.1

Sample Name: CCB08 Acquired: 1/25/2019 19:42:52 Type: Unk
Method: P4-ICP2(v2780) 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	-.00089	.00011	-.00116	-.00058	.00293	.02410	.02385
Stddev	.00119	.00135	.00108	.00154	.00265	.00677	.00365
%RSD	133.25	1228.5	93.660	263.09	90.363	28.086	15.290

#1	-.00227	-.00098	-.00005	-.00046	.00148	.01647	.01972
#2	-.00016	-.00030	-.00120	.00089	.00133	.02643	.02662
#3	-.00025	.00162	-.00222	-.00218	.00599	.02939	.02522

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00012	-.01016	-.00049	-.00035	.00079	-.00257
Stddev	.00004	.00011	.00223	.00025	.00018	.00038	.04322
%RSD	55.986	86.852	21.942	51.221	50.939	47.757	1679.4

#1	.00010	.00003	-.00798	-.00060	-.00015	.00035	.04680
#2	.00003	.00010	-.01008	-.00020	-.00049	.00099	-.03357
#3	.00008	.00024	-.01243	-.00067	-.00040	.00102	-.02095

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.02113	.00064	.00069	.04450	-.00060	-.00020
Stddev	.00002	.02994	.00018	.00043	.01182	.00020	.00003
%RSD	575.07	141.69	28.514	61.934	26.556	33.299	14.707

#1	-.00002	.01463	.00078	.00056	.03261	-.00074	-.00018
#2	.00001	.05378	.00070	.00034	.04465	-.00068	-.00019
#3	.00000	-.00503	.00043	.00117	.05624	-.00037	-.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.06994	.00006	.00820	F .09860	.00721	.00120	.00317
Stddev	.03453	.00013	.00542	.03646	.00031	.00063	.00304
%RSD	49.375	210.04	66.180	36.976	4.2853	52.528	95.996

#1	-.04197	-.00006	.01019	.05654	.00750	.00048	.00574
#2	-.10854	.00020	.00206	.12116	.00689	.00165	.00394
#3	-.05932	.00004	.01234	.11809	.00723	.00145	-.00019

Sample Name: CCB08 Acquired: 1/25/2019 19:42:52 Type: Unk
 Method: P4-ICP2(v2780) 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	F .00993	-.0042	.00035	F 3.4144	F<.00000
Stddev	.00138	.0008	.00003	.4344	1.0501
%RSD	13.941	19.34	8.6656	12.722	150.93

#1	.01130	-.0038	.00035	3.4835	-1.1967
#2	.00994	-.0036	.00038	2.9495	-1.4015
#3	.00854	-.0051	.00032	3.8100	.51099

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3300.8	41439.	3519.6	9.0068	3733.6
Stddev	14.1	87.	40.1	.7888	13.0
%RSD	.42796	.20949	1.1399	8.7578	.34718

#1	3302.7	41373.	3559.9	8.1932	3729.3
#2	3285.8	41537.	3479.6	9.0591	3723.2
#3	3313.8	41406.	3519.3	9.7682	3748.1

Sample Name: K1230-01 Acquired: 1/25/2019 19:47:22 Type: Unk
Method: P4-ICP2(v2780) 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	.00341	-.00361	.01757	-.00061	.00229	.59338	.19209
Stddev	.00062	.00250	.00104	.00371	.00140	.01924	.00479
%RSD	18.204	69.259	5.9403	609.63	61.128	3.2420	2.4949

#1	.00357	-.00206	.01750	.00187	.00171	.58661	.19715
#2	.00393	-.00227	.01864	.00117	.00127	.61509	.19152
#3	.00272	-.00649	.01656	-.00487	.00389	.57844	.18761

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.00028	295.18	.00046	.00071	.06447	8.7961
Stddev	.00008	.00016	2.41	.00070	.00013	.00102	1.5650
%RSD	91.164	55.407	.81527	151.09	18.902	1.5861	17.792

#1	.00005	-.00045	297.14	.00009	.00068	.06329	10.599
#2	.00018	-.00026	292.50	.00127	.00059	.06513	7.7862
#3	.00003	-.00014	295.90	.00003	.00085	.06499	8.0033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0945	70.786	.00429	.00001	127.94	.00154	.06762
Stddev	.0028	.255	.00058	.00009	1.31	.00040	.01256
%RSD	.25184	.36065	13.627	926.06	1.0236	25.932	18.567

#1	1.0928	70.635	.00365	-.00008	128.75	.00174	.08208
#2	1.0930	70.641	.00440	.00009	126.43	.00180	.05952
#3	1.0977	71.080	.00480	.00002	128.63	.00108	.06125

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.029	.00207	.26931	F 110.61	F 14.207	-.03479	.01718
Stddev	.213	.00025	.00364	.47	.175	.00121	.00423
%RSD	.88509	11.989	1.3525	.42943	1.2346	3.4892	24.652

#1	24.094	.00232	.26772	110.80	14.340	-.03411	.01726
#2	23.791	.00183	.27347	110.96	14.008	-.03619	.02137
#3	24.200	.00205	.26673	110.07	14.273	-.03407	.01290

Sample Name: K1230-01 Acquired: 1/25/2019 19:47:22 Type: Unk
Method: P4-ICP2(v2780) 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	.05308	2.457	2.9467	5.7410	F<.00000
Stddev	.00258	.007	.0241	.1633	.58770
%RSD	4.8565	.2985	.81852	2.8437	10.910

#1	.05198	2.454	2.9690	5.7806	-5.8563
#2	.05603	2.465	2.9211	5.5615	-4.7279
#3	.05124	2.451	2.9499	5.8807	-5.5769

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2983.6	36878.	3398.5	8.6045	3086.8
Stddev	28.2	86.	43.1	1.4646	30.1
%RSD	.94646	.23322	1.2675	17.021	.97507

#1	2959.8	36792.	3354.0	6.9195	3060.3
#2	2976.1	36878.	3440.0	9.5716	3080.7
#3	3014.8	36964.	3401.4	9.3224	3119.5

Sample Name: K1230-01DUP Acquired: 1/25/2019 19:51:42 Type: Unk
Method: P4-ICP2(v2780) 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	.00341	-.00309	.01722	.00178	.00368	.57910	.19232
Stddev	.00340	.00079	.00009	.00160	.00248	.00587	.00277
%RSD	99.778	25.562	.54178	90.101	67.559	1.0130	1.4422

#1	.00347	-.00361	.01722	-.00007	.00634	.57234	.19009
#2	.00677	-.00218	.01713	.00277	.00143	.58212	.19144
#3	-.00003	-.00348	.01731	.00262	.00325	.58284	.19542

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00028	296.91	.00065	.00086	.06511	8.9194
Stddev	.00006	.00002	1.33	.00024	.00023	.00064	.3130
%RSD	93.748	5.9161	.44814	37.478	27.069	.99000	3.5088

#1	.00012	-.00028	295.93	.00093	.00097	.06513	9.0850
#2	.00006	-.00030	296.38	.00047	.00102	.06574	9.1147
#3	.00000	-.00027	298.43	.00054	.00059	.06445	8.5584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1044	70.910	.00472	-.00022	128.45	.00145	.06922
Stddev	.0009	.292	.00026	.00058	.52	.00028	.00216
%RSD	.08405	.41137	5.4151	260.96	.40184	19.562	3.1241

#1	1.1049	70.833	.00459	.00043	128.99	.00124	.07147
#2	1.1048	70.664	.00501	-.00043	128.41	.00178	.06904
#3	1.1033	71.232	.00455	-.00066	127.96	.00134	.06716

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.181	.00203	.25943	F 111.41	F 14.319	-.03452	.01339
Stddev	.053	.00031	.00342	.32	.043	.00090	.00311
%RSD	.21715	15.374	1.3180	.29066	.30065	2.5962	23.247

#1	24.148	.00171	.26311	111.76	14.369	-.03348	.01362
#2	24.154	.00205	.25635	111.34	14.289	-.03502	.01639
#3	24.241	.00233	.25884	111.12	14.301	-.03505	.01017

Sample Name: K1230-01DUP Acquired: 1/25/2019 19:51:42 Type: Unk
Method: P4-ICP2(v2780) 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	.05566	2.469	2.9628	5.8923	F<.00000
Stddev	.00064	.006	.0081	.2140	.89604
%RSD	1.1586	.2582	.27288	3.6327	15.813
#1	.05494	2.473	2.9614	6.1158	-6.6987
#2	.05589	2.461	2.9555	5.6892	-5.2137
#3	.05617	2.471	2.9715	5.8721	-5.0874
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2967.4	36726.	3399.9	8.2813	3067.5
Stddev	5.4	154.	11.2	.2688	9.1
%RSD	.18266	.41923	.33009	3.2455	.29609
#1	2964.4	36553.	3387.0	8.0159	3067.1
#2	2964.0	36848.	3405.6	8.2748	3058.5
#3	2973.6	36776.	3407.1	8.5533	3076.7

Sample Name: K1230-01LX5 Acquired: 1/25/2019 19:56:03 Type: Unk
Method: P4-ICP2(v2780) 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	.00024	-.00183	.00289	.00115	.00245	.11484	.05365	-.00000
Stddev	.00214	.00212	.00095	.00412	.00145	.02161	.00493	.00003
%RSD	896.29	116.01	32.920	358.86	59.286	18.821	9.1814	766.01
#1	.00261	.00025	.00303	-.00349	.00077	.11793	.05275	-.00003
#2	-.00032	-.00174	.00188	.00437	.00325	.09185	.04923	.00000
#3	-.00157	-.00399	.00377	.00257	.00331	.13474	.05896	.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	58.265	-.00004	.00013	.01390	1.7509	.22040	14.254
Stddev	.00009	.202	.00047	.00013	.00026	.1470	.00089	.063
%RSD	146.14	.34625	1166.3	104.65	1.8881	8.3933	.40386	.44245
#1	.00002	58.200	.00033	.00019	.01420	1.7651	.22088	14.199
#2	-.00016	58.491	.00011	.00022	.01375	1.8903	.21938	14.323
#3	-.00004	58.103	-.00056	-.00003	.01375	1.5974	.22095	14.241
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00123	.00011	24.806	.00019	.01377	4.6748	.00053	.04997
Stddev	.00032	.00061	.079	.00044	.00197	.0175	.00015	.00619
%RSD	26.245	531.45	.31931	229.28	14.299	.37458	28.666	12.389
#1	.00150	.00080	24.895	.00067	.01434	4.6939	.00055	.04944
#2	.00087	-.00034	24.742	.00008	.01538	4.6594	.00037	.05640
#3	.00132	-.00011	24.780	-.00018	.01157	4.6712	.00067	.04406
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 20.863	2.9346	-.00525	.00720	.01423	.4574	.57721	4.3140
Stddev	.081	.0181	.00042	.00279	.00144	.0026	.00324	.0762
%RSD	.38653	.61641	7.9846	38.684	10.096	.5643	.56085	1.7673
#1	20.901	2.9551	-.00567	.00817	.01502	.4547	.57621	4.3693
#2	20.771	2.9279	-.00484	.00937	.01509	.4578	.58083	4.3456
#3	20.919	2.9208	-.00524	.00406	.01257	.4598	.57460	4.2270

Sample Name: K1230-01LX5 Acquired: 1/25/2019 19:56:03 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.1598
Stddev	.5207
%RSD	24.109

#1	2.7075
#2	1.6711
#3	2.1007

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3222.1	39842.	3511.0	8.8175	3439.0
Stddev	12.9	86.	12.6	1.1281	14.2
%RSD	.40100	.21609	.35763	12.794	.41256

#1	3236.3	39744.	3507.6	8.4316	3451.5
#2	3219.0	39877.	3500.5	7.9330	3442.0
#3	3211.0	39906.	3524.9	10.088	3423.6

Sample Name: K1230-01MS Acquired: 1/25/2019 20:00:29 Type: Unk
Method: P4-ICP2(v2780) 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	.92452	2.2130	1.1268	2.2665	1.0170	3.0179	.44452
Stddev	.00155	.0061	.0026	.0133	.0081	.0146	.00264
%RSD	.16756	.27505	.22678	.58663	.80024	.48403	.59494

#1	.92442	2.2200	1.1292	2.2809	1.0253	3.0321	.44183
#2	.92611	2.2106	1.1241	2.2638	1.0168	3.0187	.44459
#3	.92302	2.2085	1.1270	2.2547	1.0090	3.0030	.44712

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23627	.21966	315.32	.46777	.22602	.40288	12.552
Stddev	.00037	.00058	1.71	.00231	.00048	.00135	.784
%RSD	.15637	.26614	.54210	.49321	.21132	.33485	6.2466

#1	.23586	.22019	314.35	.46663	.22652	.40269	12.744
#2	.23637	.21975	314.31	.46625	.22597	.40431	11.690
#3	.23658	.21903	317.29	.47042	.22557	.40163	13.223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3883	77.699	.55322	.08582	140.36	.33834	.28117
Stddev	.0033	1.054	.00211	.00023	.73	.00118	.01749
%RSD	.23458	1.3562	.38079	.26949	.52289	.35016	6.2212

#1	1.3893	76.522	.55561	.08568	139.54	.33917	.28720
#2	1.3846	78.023	.55241	.08569	140.58	.33698	.26146
#3	1.3909	78.553	.55164	.08608	140.96	.33886	.29485

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.246	.48763	.62193	F 118.93	F 16.281	.78128	.26635
Stddev	.215	.00068	.01121	.15	.036	.00407	.00262
%RSD	.57791	.13870	1.8019	.12942	.22199	.52158	.98320

#1	37.057	.48777	.61623	118.91	16.294	.78590	.26477
#2	37.201	.48822	.61472	118.78	16.241	.77974	.26937
#3	37.480	.48689	.63484	119.09	16.309	.77820	.26491

Sample Name: K1230-01MS Acquired: 1/25/2019 20:00:29 Type: Unk
 Method: P4-ICP2(v2780) 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	.30455	9.499	3.3871	6.3680	F<.00000
Stddev	.00420	.016	.0089	.1242	1.1400
%RSD	1.3793	.1730	.26357	1.9499	6.1960

#1	.30245	9.503	3.3847	6.3068	-19.634
#2	.30181	9.481	3.3796	6.2863	-18.178
#3	.30938	9.514	3.3970	6.5109	-17.387

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2947.7	36439.	3345.6	8.1520	3021.4
Stddev	14.1	149.	9.5	.5174	15.9
%RSD	.47821	.40759	.28445	6.3468	.52659

#1	2932.0	36294.	3338.4	7.9205	3003.2
#2	2952.0	36591.	3356.4	8.7447	3032.2
#3	2959.2	36430.	3342.1	7.7908	3029.0

Sample Name: K1230-01MSD Acquired: 1/25/2019 20:04:33 Type: Unk
Method: P4-ICP2(v2780) 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	.92073	2.1882	1.1166	2.2540	1.0115	2.9886	.45086
Stddev	.00478	.0081	.0059	.0065	.0058	.1534	.01020
%RSD	.51865	.37071	.52547	.28877	.57772	5.1336	2.2621

#1	.92544	2.1791	1.1101	2.2482	1.0111	3.0149	.46264
#2	.92086	2.1907	1.1215	2.2611	1.0175	2.8237	.44528
#3	.91589	2.1947	1.1182	2.2528	1.0059	3.1271	.44468

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23306	.21743	316.05	.46364	.22353	.40160	11.955
Stddev	.01068	.00040	1.53	.01935	.00016	.00134	.338
%RSD	4.5824	.18398	.48525	4.1744	.07177	.33392	2.8252

#1	.23515	.21708	316.95	.46618	.22347	.40170	11.761
#2	.22149	.21786	316.91	.44314	.22371	.40288	12.345
#3	.24253	.21733	314.27	.48159	.22341	.40020	11.758

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3690	77.448	.54764	.08470	139.06	.33372	.26389
Stddev	.0617	.262	.00169	.00322	1.06	.01517	.00945
%RSD	4.5102	.33780	.30835	3.7979	.76458	4.5454	3.5827

#1	1.3823	77.717	.54662	.08547	140.00	.33561	.26012
#2	1.3017	77.195	.54959	.08117	139.29	.31769	.27464
#3	1.4230	77.433	.54672	.08746	137.91	.34785	.25690

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.135	.48500	.62276	F 117.79	F 16.297	.77859	.26231
Stddev	.256	.00128	.00127	.21	.071	.00376	.00339
%RSD	.68876	.26375	.20448	.18115	.43264	.48319	1.2910

#1	37.355	.48519	.62145	118.01	16.377	.77433	.26614
#2	37.195	.48617	.62285	117.78	16.270	.78145	.26113
#3	36.854	.48364	.62399	117.58	16.244	.78000	.25968

Sample Name: K1230-01MSD Acquired: 1/25/2019 20:04:33 Type: Unk
 Method: P4-ICP2(v2780) 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	.30781	9.434	3.3878	6.2133	F<.00000
Stddev	.00185	.008	.0239	.4558	.90802
%RSD	.60055	.0853	.70487	7.3354	4.8507
#1	.30993	9.426	3.4008	6.2550	-18.446
#2	.30655	9.442	3.4024	5.7382	-19.732
#3	.30695	9.433	3.3603	6.6469	-17.979
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2945.7	36931.	3347.8	8.6028	3028.5
Stddev	13.8	1380.	34.1	.2869	5.2
%RSD	.46943	3.7371	1.0189	3.3354	.17205
#1	2936.8	36567.	3314.8	8.6761	3024.9
#2	2938.6	38457.	3345.7	8.2863	3026.1
#3	2961.6	35770.	3382.9	8.8460	3034.5

Sample Name: K1230-01A Acquired: 1/25/2019 20:08:36 Type: Unk
Method: P4-ICP2(v2780) 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	.87886	2.1051	1.0717	2.1471	.96561	2.9961	.45087
Stddev	.04090	.0716	.0368	.0800	.03909	.0169	.00690
%RSD	4.6539	3.3995	3.4375	3.7260	4.0485	.56367	1.5299

#1	.92432	2.1839	1.1122	2.2317	1.0080	2.9767	.45273
#2	.86720	2.0872	1.0625	2.1369	.95774	3.0052	.45665
#3	.84505	2.0442	1.0403	2.0726	.93106	3.0065	.44324

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23498	.20822	313.63	.46698	.21494	.38522	13.386
Stddev	.00025	.00709	2.94	.00216	.00807	.01431	2.984
%RSD	.10686	3.4031	.93880	.46231	3.7541	3.7152	22.292

#1	.23520	.21602	312.60	.46513	.22362	.40110	16.169
#2	.23471	.20646	316.96	.46646	.21353	.38122	13.753
#3	.23502	.20218	311.34	.46935	.20767	.37333	10.235

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3814	77.267	.52559	.08586	138.86	.33798	.29603
Stddev	.0010	.166	.01866	.00088	1.22	.00188	.07050
%RSD	.06935	.21476	3.5506	1.0272	.87806	.55627	23.816

#1	1.3809	77.223	.54617	.08682	138.65	.33981	.36183
#2	1.3825	77.451	.52083	.08569	140.18	.33605	.30463
#3	1.3807	77.128	.50977	.08508	137.76	.33808	.22162

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.033	.46550	.63058	F 112.62	F 16.279	.74831	.26193
Stddev	.363	.01880	.00649	4.07	.120	.02606	.00370
%RSD	.98126	4.0394	1.0286	3.6102	.74002	3.4823	1.4112

#1	37.020	.48599	.63493	117.00	16.289	.77644	.26157
#2	37.402	.46146	.63369	111.90	16.394	.74351	.26579
#3	36.676	.44904	.62313	108.97	16.154	.72499	.25843

Sample Name: K1230-01A Acquired: 1/25/2019 20:08:36 Type: Unk
 Method: P4-ICP2(v2780) 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	.30828	9.023	3.3600	6.3592	F<.00000
Stddev	.00153	.336	.0348	.1788	.70341
%RSD	.49588	3.719	1.0357	2.8111	4.0818
#1	.30881	9.386	3.3481	6.4652	-16.495
#2	.30948	8.960	3.3992	6.1528	-17.895
#3	.30656	8.724	3.3327	6.4596	-17.308
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3031.6	36401.	3330.8	7.8631	3118.9
Stddev	90.3	106.	32.1	1.8901	84.8
%RSD	2.9800	.29219	.96456	24.037	2.7191
#1	2934.6	36279.	3319.8	6.2890	3026.8
#2	3047.0	36449.	3305.7	7.3409	3135.9
#3	3113.3	36475.	3367.0	9.9593	3193.8

Sample Name: K1228-01 Acquired: 1/25/2019 20:12:41 Type: Unk
Method: P4-ICP2(v2780) 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	.05384	-.03916	.93862	-.03433	.00703	130.34	.82559
Stddev	.00363	.00248	.00459	.01030	.00110	.23	.00938
%RSD	6.7387	6.3373	.48873	30.007	15.692	.17825	1.1359

#1	.05001	-.03725	.93578	-.02903	.00667	130.46	.83110
#2	.05722	-.04196	.93617	-.02776	.00827	130.50	.83092
#3	.05430	-.03825	.94391	-.04621	.00616	130.08	.81476

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00722	-.00124	90.729	.17348	.08317	.35209	198.64
Stddev	.00007	.00303	.369	.00149	.00050	.00505	25.06
%RSD	.92309	244.38	.40620	.85652	.60651	1.4343	12.615

#1	.00717	-.00307	90.587	.17510	.08264	.34954	213.93
#2	.00730	-.00291	91.147	.17218	.08320	.34883	212.28
#3	.00719	.00226	90.452	.17315	.08365	.35791	169.72

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6516	45.773	.16223	-.01332	2.3774	.30868	.75511
Stddev	.0360	.283	.00118	.00368	.0216	.00207	.09181
%RSD	.63602	.61782	.72676	27.603	.90928	.67051	12.159

#1	5.6910	45.954	.16359	-.01075	2.3765	.31032	.81323
#2	5.6432	45.918	.16152	-.01168	2.3994	.30936	.80285
#3	5.6206	45.447	.16157	-.01753	2.3562	.30635	.64927

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.3656	.00386	-.01615	3.4307	1.7744	.04782	1.9644
Stddev	.0334	.00015	.04191	.0353	.0280	.00050	.0058
%RSD	.52400	3.8737	259.51	1.0281	1.5755	1.0386	.29559

#1	6.3762	.00400	.01765	3.4705	1.8043	.04839	1.9617
#2	6.3924	.00386	-.00306	3.4185	1.7700	.04748	1.9605
#3	6.3283	.00371	-.06304	3.4032	1.7490	.04758	1.9711

Sample Name: K1228-01 Acquired: 1/25/2019 20:12:41 Type: Unk
Method: P4-ICP2(v2780) 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	.12404	5.710	.13239	1.2247	F<.00000
Stddev	.00179	.009	.02633	.1887	3.8416
%RSD	1.4441	.1542	19.886	15.411	.81230

#1	.12210	5.714	.11580	1.0084	-476.74
#2	.12439	5.700	.11862	1.3094	-469.06
#3	.12564	5.717	.16275	1.3562	-472.98

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3622.8	45030.	4128.2	9.8559	3200.3
Stddev	5.2	33.	8.2	1.2867	2.3
%RSD	.14223	.07241	.19809	13.055	.07067

#1	3621.4	45068.	4128.5	9.0736	3199.7
#2	3618.5	45014.	4119.8	9.1532	3198.3
#3	3628.5	45009.	4136.2	11.341	3202.8

Sample Name: K1228-01DUP Acquired: 1/25/2019 20:17:09 Type: Unk
Method: P4-ICP2(v2780) 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	.05505	-.04484	.93183	-.03678	.00643	135.89	.90798
Stddev	.00349	.00095	.00454	.00136	.00340	.69	.00039
%RSD	6.3451	2.1138	.48733	3.7020	52.808	.50796	.04252

#1	.05173	-.04582	.93239	-.03811	.00574	135.47	.90829
#2	.05869	-.04478	.93606	-.03682	.00343	135.51	.90755
#3	.05472	-.04393	.92703	-.03539	.01012	136.68	.90810

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00771	.00082	100.85	.17585	.08470	.36504	188.43
Stddev	.00011	.00127	.48	.00075	.00059	.00089	8.98
%RSD	1.3670	156.22	.47596	.42832	.69889	.24439	4.7640

#1	.00759	.00160	100.91	.17631	.08453	.36604	181.14
#2	.00780	.00150	101.29	.17626	.08536	.36431	185.68
#3	.00774	-.00065	100.34	.17498	.08421	.36478	198.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7271	48.475	.16809	-.01532	2.4901	.31932	.72883
Stddev	.0181	.294	.00093	.00142	.0096	.00186	.03072
%RSD	.31682	.60585	.55602	9.2819	.38439	.58189	4.2148

#1	5.7300	48.771	.16848	-.01676	2.4958	.32143	.70253
#2	5.7435	48.184	.16877	-.01530	2.4954	.31860	.72137
#3	5.7076	48.471	.16703	-.01391	2.4790	.31793	.76260

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.5956	.00437	-.03765	3.6776	1.7403	.04767	2.0561
Stddev	.0300	.00016	.01029	.0566	.0323	.00067	.0112
%RSD	.45540	3.6773	27.329	1.5379	1.8534	1.4056	.54576

#1	6.6231	.00443	-.04728	3.6123	1.7743	.04782	2.0689
#2	6.5635	.00419	-.03886	3.7087	1.7364	.04825	2.0515
#3	6.6003	.00449	-.02681	3.7117	1.7101	.04694	2.0479

Sample Name: K1228-01DUP Acquired: 1/25/2019 20:17:09 Type: Unk
 Method: P4-ICP2(v2780) 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	.12838	5.864	.20309	1.0411	F<.00000
Stddev	.00219	.011	.01124	.1550	2.6325
%RSD	1.7063	.1927	5.5355	14.884	.54257

#1	.12770	5.860	.21115	.86857	-487.65
#2	.13083	5.877	.20787	1.0864	-482.42
#3	.12662	5.856	.19025	1.1684	-485.52

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3643.8	45217.	4145.4	10.494	3182.2
Stddev	5.6	73.	27.2	.456	8.9
%RSD	.15502	.16175	.65629	4.3439	.27931

#1	3642.9	45212.	4123.2	10.887	3177.5
#2	3649.8	45292.	4137.4	10.601	3176.6
#3	3638.6	45146.	4175.7	9.9942	3192.4

Sample Name: K1228-01LX5 Acquired: 1/25/2019 20:21:36 Type: Unk
Method: P4-ICP2(v2780) 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	.01181	-.00908	.18177	-.00743	.00151	29.347	.22085
Stddev	.00103	.00133	.00094	.00136	.00087	.135	.00765
%RSD	8.6822	14.644	.51555	18.325	57.824	.46007	3.4634

#1	.01086	-.00890	.18284	-.00792	.00064	29.214	.21432
#2	.01167	-.00784	.18109	-.00590	.00150	29.343	.22927
#3	.01289	-.01048	.18137	-.00849	.00239	29.484	.21896

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00174	-.00115	23.301	.03953	.01617	.08572	46.509
Stddev	.00003	.00075	.069	.00050	.00018	.00171	7.217
%RSD	1.6370	64.955	.29619	1.2681	1.1229	1.9892	15.518

#1	.00176	-.00081	23.305	.03945	.01600	.08537	43.025
#2	.00174	-.00201	23.368	.03907	.01636	.08422	54.808
#3	.00171	-.00064	23.230	.04006	.01613	.08757	41.695

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3345	11.364	.03213	-.00210	.55633	.07145	.18298
Stddev	.0012	.075	.00068	.00111	.00839	.00036	.02707
%RSD	.09310	.66047	2.1208	52.772	1.5077	.51082	14.795

#1	1.3350	11.297	.03134	-.00218	.54693	.07183	.17001
#2	1.3355	11.349	.03251	-.00096	.56306	.07110	.21410
#3	1.3331	11.445	.03253	-.00317	.55901	.07142	.16484

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3978	.00105	-.00357	.80709	.41424	.01012	.46848
Stddev	.0377	.00048	.01251	.06334	.01526	.00008	.00321
%RSD	2.6971	45.710	350.81	7.8483	3.6843	.77667	.68520

#1	1.3769	.00085	.00022	.73602	.42341	.01004	.46880
#2	1.3753	.00159	.00661	.82769	.42269	.01020	.46513
#3	1.4414	.00069	-.01753	.85758	.39662	.01012	.47152

Sample Name: K1228-01LX5 Acquired: 1/25/2019 20:21:36 Type: Unk
Method: P4-ICP2(v2780) 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	.03403	1.099	.04325	3.6747	F<.00000
Stddev	.00116	.006	.00799	.1052	.73549
%RSD	3.4071	.5455	18.485	2.8638	.78076

#1	.03427	1.096	.04697	3.5692	-95.023
#2	.03504	1.106	.03407	3.6753	-93.604
#3	.03276	1.096	.04870	3.7796	-93.978

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3348.5	41612.	3632.8	8.7818	3484.1
Stddev	7.0	55.	16.2	1.2081	16.1
%RSD	.20937	.13328	.44487	13.757	.46212

#1	3356.4	41625.	3614.1	9.3068	3484.1
#2	3346.3	41661.	3641.4	7.4000	3468.0
#3	3342.9	41552.	3642.8	9.6386	3500.2

Sample Name: K1228-01MS Acquired: 1/25/2019 20:25:56 Type: Unk
Method: P4-ICP2(v2780) 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	.77993	2.1318	1.8696	1.7274	.25089	150.27	1.0003
Stddev	.00275	.0017	.0079	.0071	.00137	.34	.0086
%RSD	.35219	.08158	.42105	.40909	.54474	.22654	.85714

#1	.78192	2.1338	1.8629	1.7323	.25070	149.95	1.0070
#2	.78108	2.1312	1.8676	1.7306	.24963	150.24	1.0033
#3	.77680	2.1305	1.8782	1.7193	.25235	150.63	.99067

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20140	.20861	69.196	.58136	.31150	.70162	236.51
Stddev	.00080	.00405	.322	.00341	.00074	.00931	37.38
%RSD	.39831	1.9405	.46577	.58570	.23781	1.3266	15.803

#1	.20075	.20467	69.510	.57964	.31132	.69194	271.39
#2	.20117	.20840	68.866	.57917	.31232	.70241	241.09
#3	.20230	.21276	69.211	.58529	.31087	.71050	197.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9415	42.593	.71881	.05729	5.2570	.58565	1.0641
Stddev	.0313	.334	.00156	.00475	.0647	.00159	.1703
%RSD	.63267	.78530	.21653	8.2977	1.2307	.27123	16.004

#1	4.9377	42.693	.71981	.06171	5.3175	.58470	1.2223
#2	4.9123	42.867	.71961	.05791	5.2646	.58476	1.0862
#3	4.9745	42.220	.71702	.05226	5.1888	.58748	.88384

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.848	.35623	.21340	3.2649	2.2047	.91498	2.3212
Stddev	.080	.00025	.05802	.0398	.0274	.00383	.0100
%RSD	.50395	.07026	27.188	1.2202	1.2422	.41863	.43084

#1	15.860	.35595	.26292	3.3068	2.2334	.91932	2.3097
#2	15.921	.35632	.22773	3.2603	2.2018	.91354	2.3259
#3	15.762	.35643	.14956	3.2275	2.1789	.91208	2.3279

Sample Name: K1228-01MS Acquired: 1/25/2019 20:25:56 Type: Unk
Method: P4-ICP2(v2780) 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	.34149	F 12.07	.21746	1.4627	F<.00000
Stddev	.00337	.04	.03978	.0381	3.2955
%RSD	.98590	.3145	18.295	2.6059	.61962

#1	.33856	12.10	.18153	1.4230	-532.88
#2	.34073	12.08	.21064	1.4990	-528.16
#3	.34517	12.02	.26022	1.4661	-534.51

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3625.2	44754.	4074.8	9.2592	3170.1
Stddev	7.4	102.	21.4	1.5307	12.9
%RSD	.20301	.22705	.52630	16.531	.40791

#1	3616.8	44837.	4053.1	7.9164	3155.2
#2	3630.8	44784.	4075.3	8.9354	3176.4
#3	3627.9	44640.	4096.0	10.926	3178.7

Sample Name: CCV09 Acquired: 1/25/2019 20:30:17 Type: Unk
Method: P4-ICP2(v2780) 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	5.1048	5.1671	5.1879	5.0134	5.2068	10.565	10.911	.26788
Stddev	.1198	.1306	.1398	.1324	.1296	.082	.083	.00026
%RSD	2.3465	2.5272	2.6949	2.6409	2.4887	.77161	.75720	.09548
#1	5.2270	5.2863	5.3234	5.1490	5.3378	10.486	10.907	.26767
#2	5.1000	5.1876	5.1962	5.0069	5.2038	10.560	10.995	.26781
#3	4.9876	5.0275	5.0442	4.8844	5.0787	10.649	10.830	.26816
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5296	27.364	1.0711	2.5354	1.2766	F 5.7178	2.7032	25.541
Stddev	.0695	.078	.0052	.0691	.0286	.5685	.0047	.173
%RSD	2.7468	.28435	.48252	2.7232	2.2430	9.9426	.17506	.67593
#1	2.5969	27.321	1.0652	2.6025	1.3053	5.2890	2.6978	25.367
#2	2.5338	27.317	1.0733	2.5393	1.2766	5.5017	2.7050	25.545
#3	2.4581	27.454	1.0748	2.4646	1.2480	6.3626	2.7067	25.712
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5056	1.3553	26.861	2.5313	F 2.8786	25.895	5.0278	5.1522
Stddev	.0659	.0063	.211	.0021	.2389	.178	.1159	.0219
%RSD	2.6286	.46818	.78590	.08360	8.2991	.68740	2.3058	.42527
#1	2.5690	1.3480	26.871	2.5296	2.6619	25.810	5.1426	5.1277
#2	2.5102	1.3583	27.068	2.5337	2.8392	26.100	5.0298	5.1699
#3	2.4375	1.3596	26.646	2.5307	3.1348	25.776	4.9108	5.1590
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1443	5.3663	4.9497	5.2822	F 5.6243	5.144	F 5.7475	5.4494
Stddev	.1562	.0064	.1270	.0324	.0247	.132	.0239	.1166
%RSD	3.0368	.11930	2.5665	.61421	.43969	2.574	.41669	2.1397
#1	5.2964	5.3593	5.0731	5.2487	5.6210	5.272	5.7516	5.3425
#2	5.1522	5.3679	4.9565	5.2846	5.6505	5.153	5.7691	5.4321
#3	4.9843	5.3718	4.8193	5.3134	5.6014	5.008	5.7217	5.5737

Sample Name: CCV09 Acquired: 1/25/2019 20:30:17 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4904
Stddev	.5831
%RSD	39.126

#1	1.7824
#2	.81896
#3	1.8699

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3195.3	38659.	3428.0	7.2669	3311.8
Stddev	58.4	125.	9.9	.6295	73.9
%RSD	1.8281	.32282	.28782	8.6631	2.2312

#1	3135.9	38799.	3426.3	7.8591	3241.5
#2	3197.3	38558.	3419.1	7.3360	3305.0
#3	3252.7	38621.	3438.6	6.6057	3388.8

Sample Name: CCB09 Acquired: 1/25/2019 20:34:18 Type: Unk
Method: P4-ICP2(v2780) 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	-.00107	-.00050	-.00136	-.00290	.00106	.01149	.02464
Stddev	.00270	.00112	.00066	.00215	.00189	.00808	.00708
%RSD	252.98	226.34	48.221	74.129	178.68	70.321	28.748

#1	.00172	.00027	-.00104	-.00181	.00180	.02015	.02891
#2	-.00367	.00003	-.00093	-.00152	.00247	.01015	.02854
#3	-.00125	-.00179	-.00212	-.00538	-.00109	.00416	.01646

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00009	-.00397	-.00024	-.00029	.00093	.00441
Stddev	.00004	.00007	.01982	.00029	.00017	.00021	.03037
%RSD	49.065	77.441	499.46	122.37	57.844	22.716	689.50

#1	.00007	.00001	.00659	-.00034	-.00035	.00091	-.00972
#2	.00012	.00011	.00834	-.00045	-.00010	.00072	-.01633
#3	.00005	.00014	-.02684	.00009	-.00041	.00114	.03927

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00883	.00109	.00070	-.03429	-.00011	.00003
Stddev	.00005	.02072	.00030	.00031	.00718	.00024	.00012
%RSD	1192.5	234.62	27.774	44.852	20.928	228.11	366.94

#1	.00005	.02082	.00075	.00103	-.03893	-.00013	-.00011
#2	-.00001	.02078	.00118	.00041	-.03792	.00015	.00011
#3	-.00005	-.01510	.00133	.00064	-.02602	-.00033	.00009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12140	.00010	.00822	F .09204	.00662	.00034	.00518
Stddev	.00623	.00020	.00375	.02475	.00160	.00034	.00461
%RSD	5.1288	197.22	45.616	26.888	24.179	100.46	89.025

#1	-.12858	.00032	.00558	.11930	.00823	-.00001	.01008
#2	-.11740	-.00008	.00657	.08582	.00660	.00036	.00094
#3	-.11823	.00007	.01251	.07100	.00503	.00067	.00451

Sample Name: CCB09 Acquired: 1/25/2019 20:34:18 Type: Unk
Method: P4-ICP2(v2780) 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	F .00841	-.0031	.00033	F 3.4657	F<.00000
Stddev	.00081	.0007	.00001	.3072	.39745
%RSD	9.6867	21.82	3.4758	8.8639	41.000

#1	.00755	-.0028	.00032	3.1550	-.57976
#2	.00849	-.0039	.00035	3.4729	-.95414
#3	.00917	-.0027	.00033	3.7693	-1.3742

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3494.3	41391.	3433.6	8.3174	3950.4
Stddev	179.1	49.	29.7	.0404	213.6
%RSD	5.1258	.11857	.86630	.48599	5.4061

#1	3298.7	41377.	3401.6	8.3091	3718.4
#2	3533.6	41445.	3438.7	8.3614	3994.0
#3	3650.4	41350.	3460.5	8.2818	4138.8

Sample Name: K1228-01MSD Acquired: 1/25/2019 20:38:47 Type: Unk
Method: P4-ICP2(v2780) 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	.77681	2.1271	1.8667	1.7205	.25272	149.66	1.0010
Stddev	.00306	.0056	.0026	.0106	.00096	.77	.0061
%RSD	.39449	.26144	.14068	.61700	.38168	.51242	.61388

#1	.77503	2.1235	1.8637	1.7273	.25382	148.78	1.0054
#2	.77505	2.1244	1.8686	1.7082	.25236	150.18	1.0036
#3	.78035	2.1335	1.8677	1.7258	.25199	150.02	.99396

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20103	.21012	69.497	.58201	.31091	.70256	221.51
Stddev	.00067	.00254	.542	.00161	.00091	.00232	21.73
%RSD	.33450	1.2109	.78047	.27656	.29197	.32963	9.8125

#1	.20026	.20892	69.556	.58033	.31184	.70049	234.34
#2	.20143	.21304	70.008	.58354	.31002	.70506	196.41
#3	.20142	.20840	68.928	.58217	.31087	.70212	233.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9384	42.724	.71910	.05518	5.2736	.58536	1.0020
Stddev	.0316	.279	.00113	.00289	.0398	.00037	.0989
%RSD	.64095	.65249	.15703	5.2353	.75437	.06306	9.8677

#1	4.9019	43.045	.72034	.05697	5.3004	.58494	1.0605
#2	4.9563	42.587	.71812	.05185	5.2925	.58546	.88780
#3	4.9572	42.540	.71884	.05672	5.2279	.58566	1.0575

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.925	.35544	.19804	3.2332	2.2205	.91600	2.3159
Stddev	.122	.00093	.03694	.0553	.0273	.00109	.0193
%RSD	.76861	.26098	18.651	1.7103	1.2310	.11856	.83422

#1	16.008	.35452	.22521	3.2666	2.2435	.91693	2.3198
#2	15.982	.35543	.15598	3.2637	2.2277	.91481	2.3330
#3	15.784	.35638	.21294	3.1694	2.1903	.91627	2.2950

Sample Name: K1228-01MSD Acquired: 1/25/2019 20:38:47 Type: Unk
Method: P4-ICP2(v2780) 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	.34103	F 12.07	.23412	1.4541	F<.00000
Stddev	.00415	.03	.02631	.1593	2.4593
%RSD	1.2169	.2166	11.237	10.957	.46334
#1	.34511	12.10	.22135	1.2742	-529.67
#2	.34115	12.07	.26438	1.5774	-533.59
#3	.33681	12.05	.21664	1.5107	-529.06
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3641.0	44890.	4057.6	9.7637	3180.9
Stddev	6.2	130.	27.7	1.0273	5.8
%RSD	.16899	.29043	.68333	10.522	.18196
#1	3637.7	45031.	4035.9	9.1682	3174.4
#2	3648.1	44866.	4048.0	10.950	3183.3
#3	3637.2	44773.	4088.8	9.1730	3185.2

Sample Name: K1228-01A Acquired: 1/25/2019 20:43:08 Type: Unk
Method: P4-ICP2(v2780) 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	.69237	1.9138	1.6606	1.5513	.22491	148.31	.97416
Stddev	.09274	.2265	.1974	.1958	.03197	1.05	.01643
%RSD	13.395	11.834	11.888	12.618	14.215	.70564	1.6866

#1	.76664	2.1015	1.8407	1.6910	.25147	147.11	.96656
#2	.72204	1.9776	1.6915	1.6354	.23383	148.97	.99301
#3	.58842	1.6623	1.4495	1.3276	.18943	148.86	.96290

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20073	.18179	67.872	.57618	.27702	.62911	246.60
Stddev	.00055	.02652	.453	.00286	.03433	.07531	46.82
%RSD	.27569	14.587	.66727	.49560	12.393	11.970	18.986

#1	.20009	.20831	67.581	.57360	.30733	.69953	205.05
#2	.20108	.18178	68.394	.57569	.28398	.63808	297.33
#3	.20101	.15527	67.641	.57925	.23974	.54972	237.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9139	42.209	.64240	.05849	5.2269	.58526	1.0488
Stddev	.0231	.180	.07886	.00640	.0556	.00158	.2295
%RSD	.47005	.42582	12.275	10.946	1.0643	.27049	21.880

#1	4.9393	42.241	.71036	.05299	5.2427	.58358	.92811
#2	4.8941	42.371	.66089	.06552	5.2729	.58673	1.3134
#3	4.9083	42.016	.55594	.05697	5.1651	.58545	.90484

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.765	.32229	.23739	2.8510	2.1743	.82088	2.2938
Stddev	.121	.03631	.08022	.3932	.0080	.09269	.0083
%RSD	.76879	11.265	33.794	13.791	.36605	11.291	.36416

#1	15.758	.35238	.16479	3.1849	2.1665	.89974	2.2876
#2	15.889	.33252	.32352	2.9504	2.1824	.84410	2.2906
#3	15.647	.28196	.22385	2.4176	2.1738	.71879	2.3033

Sample Name: K1228-01A Acquired: 1/25/2019 20:43:08 Type: Unk
Method: P4-ICP2(v2780) 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	.34123	F 10.67	.19649	1.2522	F<.00000
Stddev	.00210	1.46	.04799	.0887	1.3248
%RSD	.61490	13.73	24.424	7.0793	.25252
#1	.33895	11.91	.24018	1.1529	-523.47
#2	.34307	11.03	.14513	1.2801	-526.09
#3	.34167	9.055	.20416	1.3235	-524.40
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3817.4	45082.	4125.0	8.9010	3391.6
Stddev	148.9	66.	38.3	1.5814	175.6
%RSD	3.9017	.14630	.92816	17.766	5.1785
#1	3663.9	45135.	4103.5	10.401	3209.0
#2	3826.8	45009.	4102.2	7.2493	3406.5
#3	3961.4	45103.	4169.2	9.0523	3559.3

Sample Name: K1231-01 Acquired: 1/25/2019 20:47:28 Type: Unk
Method: P4-ICP2(v2780) 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	.03639	-.02569	1.0252	-.02396	.00675	129.96	1.1200
Stddev	.00035	.00182	.0055	.00502	.00042	.64	.0135
%RSD	.96443	7.0987	.53997	20.967	6.2318	.49113	1.2050

#1	.03605	-.02731	1.0243	-.01824	.00673	129.26	1.1218
#2	.03675	-.02372	1.0202	-.02597	.00635	130.50	1.1326
#3	.03638	-.02603	1.0311	-.02767	.00719	130.12	1.1057

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00764	-.00321	27.031	.23128	.09553	.57828	195.50
Stddev	.00007	.00229	.290	.00235	.00041	.00346	21.24
%RSD	.95186	71.313	1.0738	1.0154	.42782	.59874	10.865

#1	.00763	-.00452	26.962	.23299	.09522	.57676	207.68
#2	.00758	-.00453	27.350	.22860	.09599	.57583	207.85
#3	.00772	-.00057	26.782	.23225	.09537	.58224	170.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5252	31.660	.21403	-.01104	4.8188	.28232	1.0344
Stddev	.0138	.219	.00064	.00254	.0479	.00254	.1158
%RSD	.30392	.69083	.30061	23.027	.99370	.89963	11.193

#1	4.5396	31.778	.21476	-.01016	4.8361	.28496	1.1055
#2	4.5237	31.795	.21354	-.00905	4.8557	.27989	1.0970
#3	4.5122	31.408	.21380	-.01390	4.7647	.28210	.90083

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6299	.00166	.00045	1.3367	3.8523	.02771	1.2324
Stddev	.0583	.00021	.03781	.0500	.0323	.00135	.0056
%RSD	.76373	12.533	8315.6	3.7438	.83868	4.8744	.45816

#1	7.6058	.00163	.02025	1.3149	3.8854	.02638	1.2349
#2	7.6964	.00188	.02425	1.3940	3.8209	.02768	1.2260
#3	7.5876	.00146	-.04314	1.3013	3.8506	.02908	1.2364

Sample Name: K1231-01 Acquired: 1/25/2019 20:47:28 Type: Unk
Method: P4-ICP2(v2780) 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	.19724	6.934	.00787	.03791	F<.00000
Stddev	.00328	.011	.02319	.14486	4.5788
%RSD	1.6617	.1544	294.74	382.11	1.0085
#1	.19733	6.938	-.00555	-.12735	-459.22
#2	.20048	6.942	-.00549	.09815	-450.67
#3	.19392	6.922	.03465	.14293	-452.12
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3840.6	47409.	4272.5	9.5978	3275.1
Stddev	2.9	72.	47.4	1.1431	3.9
%RSD	.07457	.15254	1.1095	11.910	.12031
#1	3837.4	47376.	4251.1	8.8988	3275.9
#2	3841.5	47360.	4239.6	8.9777	3278.5
#3	3842.9	47492.	4326.8	10.917	3270.8

Sample Name: K1233-01 Acquired: 1/25/2019 20:51:57 Type: Unk
Method: P4-ICP2(v2780) 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	-.01984	-.28858	-.01453	-.07383	.01020	107.83	.15540
Stddev	.00068	.00463	.00744	.01132	.00101	.33	.00168
%RSD	3.4159	1.6030	51.210	15.332	9.9038	.30359	1.0781

#1	-.02059	-.29184	-.00594	-.08687	.01055	108.03	.15488
#2	-.01926	-.29061	-.01890	-.06804	.00906	107.45	.15727
#3	-.01966	-.28328	-.01874	-.06657	.01099	108.00	.15404

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00242	-.00247	75.673	.06702	.40489	1.5018	446.90
Stddev	.00010	.00498	.957	.00150	.00025	.0100	45.31
%RSD	4.1144	201.56	1.2650	2.2410	.06259	.66264	10.140

#1	.00243	.00318	75.042	.06874	.40509	1.5131	395.21
#2	.00252	-.00439	76.774	.06635	.40460	1.4980	465.66
#3	.00232	-.00621	75.203	.06596	.40498	1.4943	479.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2870	123.89	.38819	-.03257	4.3471	.79208	.43521
Stddev	.0126	1.49	.00138	.00509	.0329	.00400	.04330
%RSD	.29430	1.1990	.35537	15.638	.75751	.50444	9.9498

#1	4.3014	122.82	.38844	-.03841	4.3220	.79083	.38584
#2	4.2780	125.59	.38669	-.03024	4.3844	.79655	.45306
#3	4.2815	123.26	.38942	-.02906	4.3349	.78885	.46674

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2208	-.00180	.05158	2.5812	2.2908	.02713	F 13.381
Stddev	.0217	.00028	.07308	.0088	.0331	.00046	.114
%RSD	1.7806	15.362	141.68	.34019	1.4469	1.6889	.85131

#1	1.1965	-.00182	-.02949	2.5710	2.2648	.02762	13.310
#2	1.2383	-.00207	.07184	2.5862	2.3282	.02672	13.513
#3	1.2276	-.00151	.11239	2.5863	2.2795	.02704	13.321

Sample Name: K1233-01 Acquired: 1/25/2019 20:51:57 Type: Unk
 Method: P4-ICP2(v2780) 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	.09013	7.666	-.24206	<.00000	F<.00000
Stddev	.00301	.007	.04904	.16035	2.3320
%RSD	3.3373	.0909	20.260	8.6135	.19283
#1	.08696	7.669	-.18677	-1.6771	-1207.2
#2	.09050	7.671	-.25908	-1.9413	-1209.0
#3	.09294	7.658	-.28031	-1.9666	-1211.8
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3828.1	47722.	4397.0	10.443	3011.0
Stddev	8.6	218.	50.1	1.097	7.9
%RSD	.22429	.45705	1.1400	10.505	.26243
#1	3821.5	47470.	4414.2	11.699	3004.0
#2	3825.1	47851.	4340.5	9.9548	3009.5
#3	3837.8	47845.	4436.2	9.6748	3019.6

Sample Name: K1234-03 Acquired: 1/25/2019 20:56:26 Type: Unk
Method: P4-ICP2(v2780) 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	.36973	-.04352	F 1018.0	.01823	F 60.553	7.1702	11.645
Stddev	.00754	.00205	35.0	.00354	.805	.2021	.087
%RSD	2.0402	4.7209	3.4341	19.398	1.3298	2.8189	.74519

#1	.37747	-.04587	1048.8	.01418	61.225	7.3081	11.733
#2	.36932	-.04206	1025.3	.02070	60.774	7.2642	11.641
#3	.36240	-.04264	979.99	.01981	59.661	6.9382	11.560

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00036	.10002	88.951	F 68.059	.95641	F -1.2228	47.669
Stddev	.00006	.00215	.707	2.082	.01496	.0895	4.393
%RSD	17.609	2.1528	.79519	3.0586	1.5647	7.3221	9.2155

#1	-.00043	.10106	89.753	70.209	.96441	-1.3061	50.585
#2	-.00034	.10146	88.684	67.914	.96567	-1.2342	42.617
#3	-.00031	.09755	88.416	66.054	.93914	-1.1282	49.807

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0727	23.534	.00847	.02635	2.6052	.15098	F 59.540
Stddev	.0295	.039	.00036	.00089	.0102	.00556	5.917
%RSD	2.7499	.16622	4.2479	3.3611	.39023	3.6856	9.9381

#1	1.0936	23.538	.00856	.02681	2.6130	.15731	63.915
#2	1.0855	23.572	.00807	.02533	2.5937	.14874	52.807
#3	1.0389	23.494	.00878	.02691	2.6089	.14687	61.898

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6388	.02861	.14070	F 78.543	.48393	.83276	2.3973
Stddev	.0136	.00022	.00310	.779	.02736	.01479	.0059
%RSD	.82684	.77243	2.2026	.99233	5.6535	1.7766	.24450

#1	1.6325	.02887	.14412	78.832	.51355	.84104	2.4008
#2	1.6544	.02848	.13992	79.137	.47865	.84156	2.3905
#3	1.6296	.02848	.13807	77.661	.45960	.81568	2.4006

Sample Name: K1234-03 Acquired: 1/25/2019 20:56:26 Type: Unk
Method: P4-ICP2(v2780) 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	.03532	F 14.22	.21065	4.6970	F<.00000
Stddev	.00156	.13	.00402	.7225	.93120
%RSD	4.4143	.9292	1.9081	15.382	1.0163
#1	.03537	14.25	.20892	5.3817	-91.087
#2	.03374	14.34	.21525	4.7674	-91.089
#3	.03686	14.08	.20779	3.9419	-92.701
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3262.7	41661.	3448.8	9.1120	3632.6
Stddev	103.1	1320.	39.7	.8994	104.3
%RSD	3.1611	3.1693	1.1519	9.8707	2.8701
#1	3163.4	40455.	3404.5	8.4648	3540.1
#2	3255.2	41456.	3481.2	10.139	3612.0
#3	3369.3	43071.	3460.7	8.7322	3745.6

Sample Name: K1238-01 Acquired: 1/25/2019 21:01:08 Type: Unk
Method: P4-ICP2(v2780) 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	.09540	-.04168	.14467	-.02457	.01349	93.358	.54738
Stddev	.00406	.00396	.00545	.00442	.00346	1.643	.01060
%RSD	4.2573	9.5010	3.7650	17.977	25.634	1.7599	1.9358

#1	.09241	-.03711	.13885	-.01968	.01729	93.914	.55190
#2	.09376	-.04396	.14965	-.02826	.01265	94.651	.53528
#3	.10003	-.04398	.14551	-.02578	.01053	91.509	.55498

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00727	-.00380	249.26	.40057	.03565	.09281	163.28
Stddev	.00012	.00164	2.13	.01128	.00013	.00382	15.38
%RSD	1.6649	43.114	.85402	2.8160	.36964	4.1139	9.4178

#1	.00739	-.00559	248.75	.40033	.03565	.08871	180.44
#2	.00727	-.00238	247.43	.41197	.03578	.09627	150.72
#3	.00715	-.00343	251.60	.38941	.03552	.09345	158.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1743	82.282	.12246	-.01308	3.4396	1.0368	.39537
Stddev	.1998	.809	.00040	.00270	.0252	.0207	.03885
%RSD	2.4438	.98375	.32547	20.641	.73272	1.9937	9.8263

#1	8.2823	82.073	.12278	-.01118	3.4286	1.0463	.43903
#2	8.2968	81.598	.12201	-.01617	3.4217	1.0510	.36460
#3	7.9438	83.176	.12258	-.01188	3.4684	1.0131	.38247

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3061	.00717	-.03287	6.8265	5.1317	.01074	2.5274
Stddev	.0816	.00014	.02448	.0218	.0933	.00100	.0055
%RSD	.87683	1.9385	74.460	.31874	1.8185	9.3549	.21935

#1	9.2677	.00733	-.00680	6.8421	5.1219	.01171	2.5216
#2	9.2507	.00709	-.05536	6.8017	5.0437	.00970	2.5281
#3	9.3998	.00709	-.03646	6.8358	5.2296	.01080	2.5326

Sample Name: K1238-01 Acquired: 1/25/2019 21:01:08 Type: Unk
 Method: P4-ICP2(v2780) 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	.10008	3.973	.23669	3.7399	F<.00000
Stddev	.00228	.009	.01703	.2506	4.7846
%RSD	2.2794	.2235	7.1939	6.7012	1.3520
#1	.09783	3.981	.21704	3.8662	-351.81
#2	.10002	3.974	.24709	3.9022	-359.37
#3	.10239	3.964	.24594	3.4512	-350.51
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3264.2	40684.	3717.8	9.2834	3094.2
Stddev	33.4	716.	28.2	.8303	15.5
%RSD	1.0225	1.7588	.75821	8.9438	.49957
#1	3298.7	40381.	3719.8	8.3627	3108.7
#2	3232.0	40169.	3744.9	9.9752	3095.9
#3	3261.9	41501.	3688.6	9.5124	3077.9

Sample Name: K1238-11 Acquired: 1/25/2019 21:05:28 Type: Unk
Method: P4-ICP2(v2780) 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	.06519	-.04554	.11000	-.02187	.00595	96.953	.50348
Stddev	.00200	.00335	.00301	.00789	.00129	.503	.00445
%RSD	3.0668	7.3470	2.7345	36.084	21.613	.51925	.88420

#1	.06457	-.04350	.11047	-.02750	.00453	97.231	.50070
#2	.06743	-.04372	.10679	-.01285	.00625	97.255	.50112
#3	.06358	-.04940	.11275	-.02526	.00705	96.371	.50861

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00669	-.00202	492.49	.60777	.03529	.09781	174.90
Stddev	.00014	.00137	5.82	.00173	.00018	.00267	12.13
%RSD	2.0566	67.739	1.1815	.28475	.51920	2.7336	6.9338

#1	.00661	-.00146	490.38	.60969	.03542	.10001	169.42
#2	.00661	-.00358	488.01	.60729	.03538	.09483	188.80
#3	.00685	-.00102	499.06	.60633	.03508	.09858	166.49

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.853	207.78	.09380	-.01913	2.6439	F 6.1645	.49883
Stddev	.117	1.94	.00051	.00158	.0082	.0092	.03235
%RSD	.34707	.93575	.54822	8.2466	.30914	.15000	6.4852

#1	33.837	206.38	.09430	-.02034	2.6368	6.1625	.48571
#2	33.978	206.96	.09327	-.01734	2.6421	6.1746	.53568
#3	33.744	210.00	.09385	-.01970	2.6529	6.1564	.47511

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6286	.00353	-.04233	5.0190	9.0034	.01625	4.6557
Stddev	.0563	.00009	.01798	.0671	.1845	.00060	.0214
%RSD	.73841	2.5712	42.467	1.3361	2.0489	3.6667	.45858

#1	7.5917	.00344	-.04443	5.0632	9.0165	.01689	4.6655
#2	7.6007	.00354	-.02340	5.0519	8.8128	.01616	4.6312
#3	7.6934	.00362	-.05917	4.9418	9.1810	.01571	4.6704

Sample Name: K1238-11 Acquired: 1/25/2019 21:05:28 Type: Unk
Method: P4-ICP2(v2780) 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	.12154	7.566	.26842	4.4801	F<.00000
Stddev	.00158	.014	.01804	.2409	7.8360
%RSD	1.2977	.1844	6.7221	5.3774	2.0108
#1	.12297	7.550	.27312	4.2287	-397.84
#2	.11985	7.572	.24849	4.7089	-382.22
#3	.12180	7.575	.28365	4.5027	-389.02
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3136.6	38661.	3666.2	9.4730	2879.0
Stddev	19.5	91.	42.4	.6009	11.7
%RSD	.62148	.23658	1.1568	6.3434	.40481
#1	3114.9	38580.	3677.1	9.6972	2878.6
#2	3152.6	38644.	3702.1	8.7922	2890.9
#3	3142.4	38760.	3619.4	9.9296	2867.6

Sample Name: K1238-21 Acquired: 1/25/2019 21:09:49 Type: Unk
Method: P4-ICP2(v2780) 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	.05834	-.01390	.09763	-.02077	.00447	74.909	.30181
Stddev	.00248	.00316	.00669	.00909	.00171	.111	.00119
%RSD	4.2434	22.772	6.8559	43.783	38.154	.14879	.39553

#1	.05584	-.01141	.09258	-.01691	.00384	74.913	.30311
#2	.05840	-.01282	.09510	-.01424	.00641	75.018	.30076
#3	.06079	-.01746	.10523	-.03115	.00317	74.795	.30157

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00487	-.00403	178.47	.18275	.08793	.07953	136.33
Stddev	.00007	.00236	1.46	.00110	.00022	.00458	20.54
%RSD	1.3432	58.421	.81859	.59998	.24493	5.7539	15.066

#1	.00490	-.00515	177.19	.18305	.08818	.07690	145.87
#2	.00479	-.00562	180.06	.18367	.08780	.07687	150.36
#3	.00491	-.00133	178.15	.18154	.08781	.08481	112.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0294	73.099	.09138	-.01009	.72098	.25215	.40168
Stddev	.0011	.597	.00062	.00257	.01817	.00097	.05898
%RSD	.05474	.81729	.67740	25.507	2.5206	.38401	14.684

#1	2.0284	72.427	.09165	-.00916	.71656	.25301	.42984
#2	2.0306	73.301	.09067	-.00812	.70543	.25235	.44131
#3	2.0293	73.570	.09181	-.01300	.74096	.25110	.33390

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9874	.00821	-.04103	2.4530	4.8253	.00903	.72713
Stddev	.0550	.00034	.02483	.0683	.0381	.00100	.00513
%RSD	1.1034	4.1356	60.498	2.7826	.78922	11.068	.70548

#1	4.9317	.00784	-.02430	2.5227	4.8041	.00839	.72580
#2	4.9888	.00852	-.02924	2.4501	4.8692	.01019	.72279
#3	5.0418	.00826	-.06956	2.3862	4.8025	.00852	.73279

Sample Name: K1238-21 Acquired: 1/25/2019 21:09:49 Type: Unk
 Method: P4-ICP2(v2780) 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	.06890	1.814	.08331	4.1754	F<.00000
Stddev	.00407	.005	.02254	.0571	2.1580
%RSD	5.9135	.2519	27.054	1.3668	.76296
#1	.07057	1.819	.07192	4.1260	-283.73
#2	.07188	1.810	.06874	4.2379	-284.42
#3	.06426	1.814	.10927	4.1622	-280.38
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3254.7	40221.	3637.8	9.0013	3175.5
Stddev	19.2	39.	20.4	1.4484	6.7
%RSD	.58908	.09585	.56110	16.091	.21020
#1	3276.7	40204.	3661.3	8.2842	3179.6
#2	3245.3	40265.	3625.2	8.0513	3167.8
#3	3242.0	40194.	3626.8	10.668	3179.1

Sample Name: K1238-31 Acquired: 1/25/2019 21:14:02 Type: Unk
Method: P4-ICP2(v2780) 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	.06348	-.02656	.10045	-.02036	.00547	122.58	.64899
Stddev	.00193	.00365	.00574	.00557	.00011	.34	.00499
%RSD	3.0382	13.752	5.7146	27.369	2.0211	.27902	.76873

#1	.06127	-.03060	.10698	-.02664	.00534	122.26	.65472
#2	.06442	-.02556	.09620	-.01599	.00555	122.94	.64660
#3	.06477	-.02351	.09817	-.01845	.00551	122.54	.64565

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01320	-.00387	720.61	.21655	.03643	.09524	154.21
Stddev	.00004	.00288	4.36	.00076	.00047	.00518	25.95
%RSD	.29174	74.505	.60490	.34949	1.2801	5.4363	16.825

#1	.01321	-.00079	723.76	.21649	.03696	.10070	126.50
#2	.01324	-.00651	722.43	.21734	.03611	.09039	177.93
#3	.01316	-.00430	715.63	.21583	.03621	.09465	158.18

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.4503	313.17	.11396	-.01025	8.4107	.42265	.42275
Stddev	.0217	2.16	.00018	.00333	.0683	.00266	.06953
%RSD	.39843	.68892	.15980	32.440	.81167	.62850	16.447

#1	5.4629	315.36	.11395	-.01340	8.4713	.42080	.34859
#2	5.4252	313.12	.11415	-.00677	8.4241	.42570	.48646
#3	5.4628	311.04	.11378	-.01058	8.3368	.42147	.43319

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1893	.01345	.01129	7.9754	4.1652	.01274	1.2182
Stddev	.0912	.00056	.04339	.0284	.0359	.00101	.0038
%RSD	.99210	4.1908	384.41	.35641	.86177	7.9087	.31499

#1	9.2747	.01399	-.03834	7.9654	4.1866	.01382	1.2180
#2	9.1998	.01287	.04211	8.0074	4.1852	.01257	1.2144
#3	9.0933	.01349	.03009	7.9533	4.1237	.01182	1.2221

Sample Name: K1238-31 Acquired: 1/25/2019 21:14:02 Type: Unk
Method: P4-ICP2(v2780) 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	.18571	2.333	.62166	4.7813	F<.00000
Stddev	.00113	.005	.03054	.1131	2.7645
%RSD	.60756	.2044	4.9119	2.3661	.98957
#1	.18465	2.337	.65554	4.6894	-279.82
#2	.18560	2.328	.59627	4.7468	-281.87
#3	.18690	2.334	.61316	4.9076	-276.39
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3101.7	37986.	3636.8	8.0070	2750.9
Stddev	5.6	48.	27.7	1.4007	5.0
%RSD	.18159	.12610	.76191	17.494	.18071
#1	3104.6	38008.	3610.5	9.5477	2754.5
#2	3095.2	37931.	3634.1	6.8105	2745.2
#3	3105.3	38020.	3665.7	7.6628	2753.0

Sample Name: K1238-41 Acquired: 1/25/2019 21:18:33 Type: Unk
Method: P4-ICP2(v2780) 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	.05556	-.02095	.09548	-.01831	.00517	81.809	.41444
Stddev	.00190	.00239	.00362	.00665	.00315	.344	.00919
%RSD	3.4220	11.413	3.7889	36.341	60.954	.42058	2.2165

#1	.05500	-.02334	.09595	-.02271	.00281	81.432	.42172
#2	.05767	-.02096	.09883	-.02155	.00875	82.106	.40412
#3	.05400	-.01856	.09165	-.01065	.00395	81.888	.41747

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00658	-.00212	384.84	.22339	.02877	.07968	113.12
Stddev	.00008	.00190	3.55	.00126	.00001	.00375	17.90
%RSD	1.2770	89.687	.92251	.56231	.02051	4.7117	15.824

#1	.00649	-.00163	387.39	.22443	.02877	.08110	108.86
#2	.00666	-.00051	380.78	.22374	.02877	.08252	97.735
#3	.00658	-.00422	386.34	.22199	.02876	.07542	132.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1763	163.58	.10377	-.01098	2.1979	.31300	.31178
Stddev	.0033	1.05	.00050	.00233	.0117	.00206	.04989
%RSD	.10512	.64009	.48397	21.233	.53326	.65678	16.002

#1	3.1774	164.29	.10337	-.01202	2.1999	.31533	.30045
#2	3.1789	162.38	.10433	-.01261	2.1854	.31143	.26853
#3	3.1725	164.07	.10360	-.00831	2.2085	.31225	.36636

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8376	.00991	-.02286	5.1001	6.5023	.00901	.98765
Stddev	.0771	.00011	.02332	.1151	.0594	.00032	.00388
%RSD	1.1280	1.1375	102.01	2.2574	.91411	3.5805	.39241

#1	6.8952	.01002	-.03265	5.0606	6.5479	.00914	.99156
#2	6.7500	.00980	-.03969	5.2298	6.4351	.00925	.98758
#3	6.8676	.00991	.00376	5.0099	6.5239	.00864	.98381

Sample Name: K1238-41 Acquired: 1/25/2019 21:18:33 Type: Unk
 Method: P4-ICP2(v2780) 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	.09886	1.850	.27121	5.0318	F<.00000
Stddev	.00252	.005	.01750	.1849	1.1181
%RSD	2.5534	.2900	6.4513	3.6748	.45639
#1	.10130	1.856	.27956	4.9005	-246.06
#2	.09902	1.845	.28296	5.2432	-243.83
#3	.09626	1.848	.25110	4.9517	-245.07
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3149.3	38613.	3589.6	9.4726	2997.1
Stddev	27.2	34.	35.3	1.4358	9.0
%RSD	.86405	.08762	.98253	15.157	.29915
#1	3118.1	38607.	3555.3	9.6561	2987.7
#2	3161.7	38582.	3625.7	10.808	2998.0
#3	3168.0	38649.	3587.9	7.9539	3005.5

Sample Name: CCV10 Acquired: 1/25/2019 21:22:48 Type: Unk
Method: P4-ICP2(v2780) 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	5.0426	5.1276	5.1160	4.9890	5.1608	10.400	F 11.020	.26697
Stddev	.1407	.1611	.1529	.1409	.1497	.055	.046	.00033
%RSD	2.7894	3.1411	2.9878	2.8240	2.8997	.53266	.42059	.12328
#1	5.1953	5.2913	5.2733	5.1417	5.3249	10.464	11.007	.26730
#2	5.0143	5.1223	5.1066	4.9613	5.1256	10.367	11.071	.26695
#3	4.9183	4.9693	4.9680	4.8640	5.0319	10.368	10.981	.26664
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5044	27.490	1.0767	2.5071	1.2724	4.6098	2.6996	25.975
Stddev	.0764	.127	.0025	.0777	.0283	.5577	.0082	.100
%RSD	3.0493	.46367	.22806	3.0977	2.2230	12.097	.30309	.38653
#1	2.5827	27.343	1.0794	2.5878	1.3028	4.6406	2.7088	25.861
#2	2.5003	27.569	1.0761	2.5004	1.2676	5.1515	2.6965	26.051
#3	2.4301	27.558	1.0746	2.4329	1.2468	4.0374	2.6933	26.012
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4964	1.3544	F 27.522	2.5640	2.3659	26.643	5.0313	5.2471
Stddev	.0743	.0026	.134	.0029	.2854	.101	.1247	.0246
%RSD	2.9745	.19310	.48822	.11302	12.062	.37938	2.4787	.46838
#1	2.5724	1.3574	27.381	2.5665	2.4104	26.581	5.1654	5.2191
#2	2.4928	1.3532	27.649	2.5645	2.6264	26.759	5.0096	5.2651
#3	2.4240	1.3526	27.534	2.5608	2.0609	26.588	4.9188	5.2571
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1280	F 5.5679	4.9640	5.2959	F 5.7065	5.115	F 5.7691	5.3991
Stddev	.1858	.0426	.1371	.0390	.0240	.150	.0173	.1509
%RSD	3.6227	.76519	2.7620	.73656	.42035	2.930	.30020	2.7956
#1	5.3201	5.5387	5.1076	5.2790	5.6858	5.270	5.7595	5.5661
#2	5.1147	5.6168	4.9498	5.3405	5.7328	5.104	5.7891	5.2724
#3	4.9493	5.5481	4.8345	5.2681	5.7008	4.970	5.7588	5.3588

Sample Name: CCV10 Acquired: 1/25/2019 21:22:48 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.8854
Stddev	.6559
%RSD	34.787

#1	1.5424
#2	2.6416
#3	1.4721

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3218.7	38540.	3355.7	8.8607	3337.2
Stddev	61.6	224.	13.8	1.0523	80.5
%RSD	1.9142	.58233	.40985	11.876	2.4125

#1	3150.8	38289.	3359.2	8.6793	3254.0
#2	3234.1	38611.	3340.5	7.9108	3343.0
#3	3271.1	38720.	3367.3	9.9919	3414.7

Sample Name: CCB10 Acquired: 1/25/2019 21:26:49 Type: Unk
Method: P4-ICP2(v2780) 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	-.00046	-.00100	F .00629	-.00233	.00221	.00693	.02014
Stddev	.00285	.00080	.00048	.00101	.00127	.00964	.00532
%RSD	614.33	80.008	7.6699	43.516	57.339	139.05	26.397

#1	.00233	-.00144	.00573	-.00214	.00341	.01195	.02293
#2	-.00035	-.00148	.00659	-.00342	.00089	.01303	.02347
#3	-.00337	-.00008	.00654	-.00142	.00233	-.00418	.01401

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00023	-.00873	-.00070	-.00012	.00117	-.01451
Stddev	.00003	.00011	.01504	.00020	.00012	.00008	.03493
%RSD	98.301	45.668	172.37	28.629	95.864	6.8114	240.68

#1	.00000	.00019	-.01857	-.00083	.00000	.00119	-.01703
#2	.00003	.00016	-.01619	-.00047	-.00023	.00108	.02160
#3	.00007	.00036	.00859	-.00080	-.00014	.00124	-.04811

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.07799	.00081	.00008	-.04985	-.00030	.00074
Stddev	.00001	.05111	.00027	.00084	.01286	.00036	.00023
%RSD	29.294	65.530	32.763	1066.6	25.808	121.51	30.623

#1	.00004	.02501	.00109	.00094	-.03503	.00009	.00099
#2	.00007	.08196	.00056	.00002	-.05630	-.00062	.00065
#3	.00004	.12699	.00078	-.00073	-.05820	-.00036	.00056

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15655	.00027	.00536	F .07605	.00827	.00066	.00494
Stddev	.02242	.00024	.00523	.02161	.00024	.00091	.00383
%RSD	14.323	86.625	97.620	28.415	2.9564	138.92	77.556

#1	-.15989	.00035	.00882	.05664	.00841	.00089	.00854
#2	-.13264	.00001	-.00066	.07218	.00799	.00143	.00092
#3	-.17711	.00046	.00792	.09934	.00841	-.00035	.00535

Sample Name: CCB10 Acquired: 1/25/2019 21:26:49 Type: Unk
Method: P4-ICP2(v2780) 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	F .00642	-.0041	.00034	F 3.8024	F<.00000
Stddev	.00149	.0011	.00005	.1069	.12121
%RSD	23.190	26.88	14.496	2.8124	16.012

#1	.00556	-.0033	.00031	3.7685	-.87563
#2	.00556	-.0035	.00031	3.9222	-.76204
#3	.00814	-.0053	.00039	3.7166	-.63336

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3449.5	41297.	3444.8	8.9439	3902.0
Stddev	106.6	109.	38.9	.7121	119.1
%RSD	3.0894	.26470	1.1285	7.9618	3.0528

#1	3352.4	41377.	3403.3	8.3045	3788.0
#2	3432.5	41172.	3480.4	8.8159	3892.5
#3	3563.5	41342.	3450.6	9.7114	4025.6

Sample Name: K1003-02 Acquired: 1/25/2019 21:31:18 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-02-012319 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 -.00123	s -.00145	s .00732	s .00420	s .00228	k .22247	.17550	k .00023
Stddev	.00327	.00082	.00702	.00206	.00265	.02118	.00159	.00005
%RSD	266.25	56.533	95.906	48.989	116.24	9.5210	.90723	22.020

#1	.00181	-.00235	.01260	.00212	.00410	.20124	.17483	.00029
#2	-.00080	-.00073	.01001	.00424	.00349	.22258	.17435	.00022
#3	s -.00470	s -.00128	s -.00065	s .00623	s -.00076	k .24360	.17732	k .00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .00016	30.950	k -.00020	s .00395	s .00464	k .29755	.67507	5.0517
Stddev	.00007	.205	.00033	.00297	.00295	.02451	.00267	.0128
%RSD	45.841	.66273	164.03	75.203	63.443	8.2389	.39608	.25326

#1	.00008	30.720	-.00059	.00585	.00627	.30726	.67570	5.0663
#2	.00018	31.016	-.00000	.00546	.00642	.26967	.67213	5.0424
#3	s .00022	31.114	k -.00002	s .00053	s .00124	k .31572	.67737	5.0465

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .00348	k .00083	306.79	k -.00030	k .01478	.70865	s .00021	k .01774
Stddev	.00041	.00026	4.31	.00010	.00811	.03605	.00010	.00503
%RSD	11.697	31.397	1.4050	32.668	54.905	5.0868	48.682	28.353

#1	.00309	.00106	301.86	-.00041	.01949	.69214	.00029	.02102
#2	.00344	.00054	309.82	-.00022	.01944	.68381	.00009	.01195
#3	s .00390	k .00089	308.69	k -.00027	k .00541	.74999	s .00024	k .02025

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .52295	k 3.3445	s .00100	k .00737	.00882	s -.0045	k .05431	5.1136
Stddev	.35057	.0081	.00172	.00583	.00252	.0035	.00042	.1608
%RSD	67.037	.24312	171.49	79.030	28.557	78.10	.77759	3.1445

#1	.77264	3.3525	.00155	.00238	.00697	-.0008	.05385	5.0326
#2	.67405	3.3447	.00238	.01377	.00780	-.0049	.05442	5.0095
#3	s .12217	k 3.3362	s -.00093	k .00596	.01169	s -.0077	k .05467	5.2988

Sample Name: K1003-02 Acquired: 1/25/2019 21:31:18 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BU-02-012319 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.0733
Stddev	1.6004
%RSD	26.352

#1	7.9180
#2	5.2455
#3	5.0563

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	^ *****	38372.	3496.7	8.5530	^ *****
Stddev	-----	76.	19.9	.8422	-----
%RSD	-----	.19823	.57023	9.8467	-----

#1	3249.0	38284.	3518.5	8.1318	3316.2
#2	3355.8	38418.	3479.3	8.0045	3423.8
#3	^ -----	38414.	3492.3	9.5227	^ -----

Sample Name: K1003-02DUP Acquired: 1/25/2019 21:35:54 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-02-012319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	-.00433	.01016	-.00070	.00322	.23152	.18215	.00028
Stddev	.00083	.00107	.00107	.00195	.00196	.00207	.00848	.00007
%RSD	74.600	24.725	10.489	280.29	60.918	.89385	4.6559	26.227

#1	.00059	-.00527	.01088	-.00019	.00193	.23386	.17573	.00035
#2	.00068	-.00456	.01066	.00095	.00548	.22992	.19176	.00028
#3	.00206	-.00317	.00893	-.00285	.00226	.23079	.17895	.00020

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	30.810	-.00052	.00580	.00674	.28909	.66967	5.0471
Stddev	.00010	.230	.00003	.00035	.00036	.04632	.00182	.0408
%RSD	86.602	.74722	6.1167	6.0203	5.3004	16.023	.27114	.80862

#1	.00019	30.557	-.00055	.00600	.00712	.33363	.67074	5.0088
#2	.00016	30.868	-.00049	.00540	.00641	.24118	.66758	5.0424
#3	.00000	31.007	-.00051	.00600	.00670	.29245	.67071	5.0900

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00372	.00050	311.02	-.00050	.01806	.69104	.00025	.01116
Stddev	.00053	.00012	4.52	.00033	.00096	.02496	.00005	.00555
%RSD	14.236	23.122	1.4545	65.817	5.3376	3.6123	21.713	49.773

#1	.00338	.00049	309.79	-.00055	.01795	.67714	.00028	.01427
#2	.00344	.00039	307.24	-.00015	.01907	.71985	.00028	.00475
#3	.00433	.00062	316.03	-.00080	.01715	.67611	.00019	.01446

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72213	3.3685	.00224	.00620	.01423	-.0027	.05370	5.0493
Stddev	.00579	.0420	.00057	.00037	.00378	.0005	.00031	.2505
%RSD	.80195	1.2456	25.286	5.9620	26.597	17.14	.58144	4.9607

#1	.71702	3.3223	.00166	.00586	.00994	-.0025	.05334	5.3344
#2	.72094	3.4042	.00227	.00659	.01562	-.0023	.05385	4.9492
#3	.72842	3.3790	.00279	.00616	.01712	-.0032	.05390	4.8644

Sample Name: K1003-02DUP Acquired: 1/25/2019 21:35:54 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-02-012319 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.7144
Stddev .8146
%RSD 12.133

#1 5.9759
#2 6.5793
#3 7.5882

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3182.8	38356.	3460.5	8.6364	3249.1
Stddev	4.9	144.	18.9	.4904	10.5
%RSD	.15494	.37414	.54536	5.6786	.32385

#1	3180.7	38193.	3481.8	8.7091	3245.4
#2	3179.3	38413.	3454.1	8.1136	3241.0
#3	3188.4	38462.	3445.7	9.0864	3261.0

Sample Name: K1003-02LX5 Acquired: 1/25/2019 21:40:29 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	-.00071	.00540	.00028	.00336	.05185	.05544	.00009
Stddev	.00079	.00155	.00069	.00081	.00142	.00397	.00420	.00006
%RSD	252.67	216.46	12.801	294.98	42.074	7.6498	7.5767	73.141

#1	-.00120	-.00219	.00576	-.00045	.00279	.05023	.06022	.00016
#2	-.00008	-.00085	.00583	.00115	.00498	.05637	.05232	.00008
#3	.00033	.00089	.00460	.00012	.00233	.04895	.05378	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	6.5730	-.00033	.00096	.00218	.04268	.14421	1.0771
Stddev	.00004	.0287	.00020	.00013	.00023	.02567	.00055	.0472
%RSD	30.890	.43661	62.648	13.407	10.344	60.151	.38256	4.3821

#1	.00008	6.5686	-.00018	.00111	.00243	.06939	.14454	1.0957
#2	.00014	6.5467	-.00056	.00089	.00212	.01818	.14452	1.1121
#3	.00014	6.6036	-.00023	.00088	.00199	.04048	.14357	1.0234

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00067	.00061	65.878	-.00019	.00420	.06079	.00007	.00302
Stddev	.00025	.00049	.527	.00015	.00097	.01939	.00009	.00523
%RSD	37.402	80.566	.80060	78.428	23.223	31.897	137.39	172.81

#1	.00057	.00005	66.425	-.00029	.00460	.04444	-.00003	.00884
#2	.00096	.00097	65.834	-.00025	.00308	.05571	.00016	.00153
#3	.00049	.00080	65.373	-.00002	.00490	.08221	.00008	-.00129

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20348	.74328	.00068	.00395	.01049	-.0033	.01173	4.1730
Stddev	.00798	.00824	.00030	.00116	.00340	.0018	.00003	.0555
%RSD	3.9230	1.1080	44.342	29.309	32.456	55.24	.25815	1.3297

#1	.20462	.75050	.00034	.00522	.01305	-.0052	.01174	4.2342
#2	.19498	.74502	.00090	.00365	.00662	-.0028	.01175	4.1259
#3	.21082	.73431	.00081	.00297	.01179	-.0017	.01169	4.1588

Sample Name: K1003-02LX5 Acquired: 1/25/2019 21:40:29 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3244
 Stddev .8307
 %RSD 35.736

#1 3.2567
 #2 1.6631
 #3 2.0534

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3267.4	40006.	3429.0	8.8045	3515.0
Stddev	19.7	213.	37.6	1.7019	16.4
%RSD	.60316	.53236	1.0959	19.329	.46612

#1	3275.5	39873.	3393.3	8.0550	3500.4
#2	3281.8	39892.	3425.5	10.752	3511.9
#3	3245.0	40251.	3468.2	7.6060	3532.8

Sample Name: K1003-02MS Acquired: 1/25/2019 21:44:57 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-02-012319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84186	2.1049	1.0645	2.1317	.88657	2.4610	.43732
Stddev	.00201	.0085	.0014	.0054	.00142	.0262	.00139
%RSD	.23848	.40229	.13332	.25206	.16002	1.0652	.31764

#1	.84120	2.1143	1.0630	2.1265	.88734	2.4830	.43599
#2	.84411	2.1026	1.0657	2.1314	.88494	2.4680	.43876
#3	.84026	2.0979	1.0649	2.1373	.88744	2.4320	.43723

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22164	.21218	36.867	.44503	.22208	.32539	3.6242
Stddev	.00123	.00042	.132	.00101	.00013	.00037	.6604
%RSD	.55328	.19650	.35690	.22631	.05977	.11236	18.222

#1	.22217	.21198	36.725	.44594	.22213	.32506	4.1657
#2	.22024	.21190	36.984	.44395	.22193	.32578	3.8185
#3	.22252	.21266	36.893	.44520	.22218	.32532	2.8885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98666	7.9354	.53886	.07931	357.41	.32462	.24065
Stddev	.00267	.0134	.00090	.00059	3.44	.00117	.04118
%RSD	.27032	.16905	.16639	.73978	.96219	.35980	17.111

#1	.98795	7.9435	.53932	.07934	356.19	.32395	.27363
#2	.98359	7.9199	.53942	.07872	361.29	.32394	.25381
#3	.98843	7.9427	.53782	.07989	354.75	.32597	.19450

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.049	.44658	.33215	.80848	4.8517	.77533	.23261
Stddev	.037	.00146	.00727	.02771	.0867	.00055	.00624
%RSD	.30590	.32660	2.1888	3.4277	1.7876	.07046	2.6822

#1	12.008	.44709	.33084	.81045	4.7659	.77496	.22682
#2	12.081	.44771	.32562	.77983	4.9393	.77507	.23178
#3	12.057	.44493	.33998	.83515	4.8500	.77595	.23922

Sample Name: K1003-02MS Acquired: 1/25/2019 21:44:57 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-02-012319 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24689	6.576	.28857	5.2418	F<.00000
Stddev	.00504	.019	.00147	.2337	.74301
%RSD	2.0416	.2826	.50779	4.4577	15.664

#1	.24246	6.590	.28986	5.4996	-3.8862
#2	.24582	6.585	.28887	5.1820	-5.1407
#3	.25237	6.555	.28698	5.0439	-5.2033

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3169.1	38220.	3441.6	8.1888	3204.0
Stddev	8.5	190.	23.2	1.4852	3.9
%RSD	.26968	.49687	.67277	18.137	.12062

#1	3170.7	38002.	3462.6	7.0773	3204.4
#2	3159.8	38315.	3416.8	7.6135	3200.0
#3	3176.7	38344.	3445.4	9.8756	3207.7

Sample Name: K1003-02MSD Acquired: 1/25/2019 21:49:14 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-02-012319 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84677	2.1038	1.0616	2.1365	.88561	2.4388	.43823
Stddev	.00760	.0078	.0020	.0195	.00859	.0091	.00175
%RSD	.89744	.37224	.19151	.91223	.97039	.37242	.39944

#1	.84523	2.1108	1.0639	2.1257	.88378	2.4335	.43621
#2	.85503	2.0953	1.0608	2.1590	.89497	2.4337	.43916
#3	.84007	2.1054	1.0600	2.1249	.87808	2.4493	.43931

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22117	.21171	36.984	.44429	.22148	.32634	3.2472
Stddev	.00060	.00014	.122	.00087	.00040	.00323	.1566
%RSD	.26955	.06575	.33089	.19481	.18021	.98828	4.8215

#1	.22067	.21166	36.927	.44367	.22116	.32467	3.3570
#2	.22101	.21186	36.901	.44528	.22193	.33006	3.0679
#3	.22183	.21160	37.125	.44393	.22136	.32429	3.3167

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98517	7.9292	.53819	.07951	354.04	.32358	.21852
Stddev	.00133	.1155	.00095	.00050	3.12	.00047	.01031
%RSD	.13457	1.4569	.17616	.62326	.88008	.14517	4.7179

#1	.98596	7.8039	.53830	.08001	355.20	.32308	.22597
#2	.98364	8.0316	.53908	.07902	350.51	.32363	.20675
#3	.98592	7.9520	.53719	.07949	356.41	.32402	.22283

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.032	.44760	.33411	.81699	4.8626	.77155	.23112
Stddev	.023	.00458	.01903	.01182	.0320	.00142	.00286
%RSD	.19475	1.0226	5.6946	1.4463	.65818	.18408	1.2373

#1	12.045	.44534	.32463	.82801	4.8992	.77314	.23413
#2	12.045	.45287	.32169	.80451	4.8399	.77043	.23081
#3	12.005	.44459	.35602	.81845	4.8488	.77106	.22843

Sample Name: K1003-02MSD Acquired: 1/25/2019 21:49:14 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BU-02-012319 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25103	6.570	.28983	5.2417	F<.00000
Stddev	.00349	.009	.00149	.0358	.61985
%RSD	1.3919	.1360	.51533	.68349	13.016

#1	.25019	6.572	.29149	5.2068	-4.4732
#2	.24802	6.560	.28941	5.2398	-5.4740
#3	.25486	6.577	.28859	5.2784	-4.3400

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3163.3	38374.	3435.8	8.8491	3210.8
Stddev	25.3	80.	6.8	.4395	7.5
%RSD	.79851	.20854	.19886	4.9665	.23385

#1	3180.0	38283.	3430.6	8.5455	3208.7
#2	3134.2	38409.	3443.5	9.3531	3219.2
#3	3175.6	38431.	3433.3	8.6488	3204.6

Sample Name: K1003-02A Acquired: 1/25/2019 21:53:31 Type: Unk
Method: P4-ICP2(v2780) 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	.78524	1.9568	.99055	1.9811	.82374	2.4445	.44112
Stddev	.06007	.1522	.07451	.1517	.06224	.0285	.00626
%RSD	7.6494	7.7797	7.5219	7.6550	7.5561	1.1679	1.4194

#1	.83721	2.0827	1.0547	2.1076	.87630	2.4172	.44781
#2	.79903	2.0002	1.0081	2.0228	.83991	2.4422	.44017
#3	.71948	1.7876	.90885	1.8130	.75500	2.4742	.43539

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22175	.19733	36.942	.44537	.20601	.30405	3.3042
Stddev	.00003	.01487	.201	.00058	.01560	.02085	.4316
%RSD	.01385	7.5345	.54511	.12912	7.5729	6.8580	13.062

#1	.22176	.21015	37.064	.44505	.21917	.32120	3.7966
#2	.22177	.20080	36.709	.44603	.21009	.31012	3.1249
#3	.22171	.18103	37.051	.44501	.18878	.28084	2.9913

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98698	7.9829	.50236	.07963	355.45	.32425	.21899
Stddev	.00084	.0638	.03790	.00060	2.60	.00117	.03129
%RSD	.08483	.79880	7.5443	.75565	.73248	.36032	14.287

#1	.98751	7.9094	.53494	.07895	357.30	.32540	.25347
#2	.98601	8.0175	.51139	.08008	356.58	.32430	.21110
#3	.98740	8.0220	.46077	.07985	352.47	.32306	.19241

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.061	.41567	.33968	.77399	4.9371	.72130	.23701
Stddev	.086	.02943	.00849	.06354	.0594	.05448	.00169
%RSD	.71241	7.0792	2.4982	8.2093	1.2036	7.5532	.71098

#1	12.033	.44047	.34236	.81787	4.9584	.76883	.23745
#2	11.992	.42339	.33018	.80297	4.9829	.73322	.23844
#3	12.157	.38316	.34651	.70113	4.8699	.66184	.23515

Sample Name: K1003-02A Acquired: 1/25/2019 21:53:31 Type: Unk
Method: P4-ICP2(v2780) 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	.24972	6.110	.28864	5.3312	F<.00000
Stddev	.00218	.481	.00043	.0424	.90025
%RSD	.87379	7.881	.14753	.79478	19.373

#1	.25191	6.524	.28822	5.3704	-5.0791
#2	.24970	6.224	.28862	5.3369	-3.6122
#3	.24755	5.581	.28907	5.2863	-5.2498

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3352.9	38265.	3412.8	8.7699	3403.4
Stddev	178.9	38.	27.8	1.0238	202.0
%RSD	5.3364	.10059	.81587	11.674	5.9355

#1	3205.5	38270.	3391.2	7.6362	3233.3
#2	3301.4	38300.	3402.9	9.0465	3350.2
#3	3552.0	38224.	3444.2	9.6269	3626.7

Sample Name: K1016-04 Acquired: 1/25/2019 21:57:47 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-RO-1-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00133	-.00135	.01428	.00161	.00334	.16051	.13546	.00012
Stddev	.00033	.00134	.00017	.00242	.00178	.00465	.00758	.00007
%RSD	24.584	99.180	1.1763	150.25	53.322	2.8985	5.5968	55.945

#1	-.00095	-.00244	.01445	.00244	.00269	.16115	.14359	.00009
#2	-.00150	-.00176	.01411	.00350	.00535	.16481	.13419	.00007
#3	-.00153	.00015	.01427	-.00111	.00197	.15557	.12859	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	30.967	-.00001	.00428	.00665	.07437	.81724	2.0909
Stddev	.00008	.171	.00033	.00022	.00027	.02031	.00066	.0756
%RSD	24.985	.55353	3269.9	5.0819	4.0428	27.305	.08054	3.6162

#1	.00032	30.787	-.00034	.00446	.00687	.07475	.81648	2.1023
#2	.00023	31.129	.00032	.00435	.00635	.05388	.81766	2.1602
#3	.00039	30.984	-.00001	.00404	.00672	.09449	.81758	2.0102

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00390	.00124	330.25	-.00037	.02786	1.8258	.00029	.01000
Stddev	.00011	.00045	1.14	.00038	.00157	.0172	.00030	.00685
%RSD	2.7278	36.199	.34429	100.39	5.6387	.94046	102.45	68.473

#1	.00402	.00166	329.44	-.00003	.02961	1.8059	.00064	.00370
#2	.00387	.00077	329.76	-.00031	.02658	1.8363	.00013	.01729
#3	.00382	.00130	331.55	-.00078	.02738	1.8351	.00011	.00901

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56516	1.3199	.00267	.00618	.01738	-.0002	.15293	5.2006
Stddev	.06471	.0108	.00060	.00192	.00413	.0014	.00064	.0988
%RSD	11.450	.82113	22.339	31.102	23.749	721.7	.41822	1.9003

#1	.63940	1.3324	.00253	.00574	.01272	-.0006	.15237	5.2400
#2	.52071	1.3131	.00333	.00828	.02058	.0013	.15362	5.2738
#3	.53537	1.3143	.00216	.00451	.01884	-.0013	.15279	5.0882

Sample Name: K1016-04 Acquired: 1/25/2019 21:57:47 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-RO-1-0 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	6.7305
Stddev	.9890
%RSD	14.695

#1	5.8283
#2	6.5752
#3	7.7880

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3149.8	37985.	3428.4	8.9598	3255.1
Stddev	13.8	193.	20.0	.4819	12.5
%RSD	.43701	.50874	.58476	5.3781	.38346

#1	3137.1	37858.	3407.2	8.4409	3243.7
#2	3164.4	37890.	3430.9	9.3932	3268.4
#3	3147.9	38208.	3447.1	9.0455	3253.2

Sample Name: K1016-06 Acquired: 1/25/2019 22:02:23 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-RO-2-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00246	-.00102	.03687	.00094	.00081	.13168	.12618	.00022
Stddev	.00157	.00176	.00082	.00287	.00165	.01046	.01040	.00006
%RSD	63.876	173.11	2.2273	304.01	204.71	7.9396	8.2405	26.040

#1	-.00368	-.00299	.03727	.00098	.00086	.13756	.13573	.00029
#2	-.00300	.00037	.03592	.00380	-.00087	.11961	.12770	.00017
#3	-.00069	-.00043	.03741	-.00195	.00243	.13787	.11510	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	23.031	-.00020	.00390	.00660	.34585	.41700	1.6608
Stddev	.00003	.193	.00032	.00004	.00020	.04895	.00089	.0287
%RSD	14.848	.83661	159.92	.94769	3.0726	14.155	.21383	1.7267

#1	.00023	23.241	.00006	.00386	.00680	.35148	.41630	1.6934
#2	.00018	22.863	-.00055	.00392	.00639	.29433	.41670	1.6492
#3	.00018	22.988	-.00010	.00392	.00661	.39175	.41801	1.6397

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00366	.00019	305.57	-.00042	.03151	.78622	.00013	.01682
Stddev	.00024	.00069	4.36	.00028	.00100	.02206	.00003	.01216
%RSD	6.5204	364.38	1.4274	67.513	3.1589	2.8063	20.770	72.296

#1	.00346	-.00060	308.90	-.00062	.03142	.81144	.00012	.00428
#2	.00358	.00046	307.17	-.00053	.03057	.77049	.00016	.01761
#3	.00392	.00071	300.63	-.00010	.03255	.77672	.00011	.02856

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30065	.54507	.00279	.00458	.01385	-.0004	.11367	4.9215
Stddev	.04762	.01060	.00092	.00432	.00254	.0006	.00083	.1781
%RSD	15.839	1.9445	33.194	94.295	18.361	151.8	.73279	3.6195

#1	.35515	.55544	.00343	.00273	.01203	.0002	.11448	4.7605
#2	.26711	.54553	.00320	.00149	.01278	-.0003	.11282	5.1129
#3	.27967	.53425	.00173	.00951	.01676	-.0010	.11372	4.8910

Sample Name: K1016-06 Acquired: 1/25/2019 22:02:23 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-RO-2-0 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.7137
Stddev	.3268
%RSD	6.9330

#1	4.9898
#2	4.3529
#3	4.7983

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3172.8	38540.	3501.1	9.1492	3292.3
Stddev	11.0	91.	31.9	.2742	8.8
%RSD	.34779	.23486	.91090	2.9964	.26760

#1	3162.6	38507.	3495.3	9.1636	3283.0
#2	3171.2	38643.	3472.5	9.4159	3293.3
#3	3184.5	38471.	3535.5	8.8682	3300.6

Sample Name: K1016-08 Acquired: 1/25/2019 22:06:58 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-RO-3-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	-.00181	.01285	.00107	.00150	.11705	.19829	.00036
Stddev	.00254	.00128	.00058	.00213	.00049	.01036	.00459	.00005
%RSD	728.86	70.623	4.5509	198.94	32.989	8.8508	2.3123	15.111

#1	-.00250	-.00243	.01328	-.00133	.00142	.10787	.20028	.00033
#2	-.00100	-.00267	.01308	.00181	.00105	.11499	.20154	.00042
#3	.00246	-.00034	.01218	.00274	.00203	.12829	.19305	.00033

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	35.761	-.00020	.00481	.00994	.02201	.52651	8.6914
Stddev	.00002	.160	.00004	.00019	.00083	.06380	.00063	.0039
%RSD	13.148	.44684	21.390	4.0086	8.3720	289.83	.12004	.04448

#1	.00017	35.945	-.00017	.00476	.00941	.03336	.52661	8.6872
#2	.00014	35.660	-.00025	.00464	.01089	-.04670	.52583	8.6924
#3	.00017	35.676	-.00019	.00502	.00950	.07938	.52708	8.6948

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00852	.00029	332.18	-.00012	.03641	.66558	.00010	.01213
Stddev	.00031	.00018	3.21	.00035	.00147	.02777	.00021	.00608
%RSD	3.6699	62.888	.96509	291.78	4.0307	4.1723	204.22	50.082

#1	.00865	.00050	334.10	.00023	.03760	.69230	-.00014	.01599
#2	.00817	.00019	333.96	-.00011	.03477	.66758	.00020	.01527
#3	.00876	.00018	328.48	-.00048	.03685	.63687	.00025	.00513

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34747	.46871	.00254	.00690	.01298	-.0004	.13670	5.0907
Stddev	.03065	.01006	.00035	.00282	.00210	.0022	.00146	.1501
%RSD	8.8198	2.1473	13.665	40.807	16.153	509.8	1.0659	2.9491

#1	.31238	.47068	.00219	.00976	.01158	.0020	.13822	5.0748
#2	.36106	.47765	.00254	.00413	.01196	-.0022	.13658	4.9491
#3	.36898	.45781	.00288	.00681	.01539	-.0010	.13531	5.2481

Sample Name: K1016-08 Acquired: 1/25/2019 22:06:58 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-RO-3-0 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.2258
Stddev	.6687
%RSD	9.2538

#1	6.5931
#2	7.1589
#3	7.9254

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3159.8	38207.	3467.9	8.9288	3246.2
Stddev	9.4	142.	29.0	.3183	5.9
%RSD	.29831	.37275	.83566	3.5650	.18149

#1	3165.0	38195.	3437.6	8.6932	3249.6
#2	3149.0	38355.	3470.8	9.2909	3239.4
#3	3165.5	38071.	3495.3	8.8023	3249.5

Sample Name: K1016-10 Acquired: 1/25/2019 22:11:34 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-05-RO-4-0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	-.00405	.00841	-.00038	.00092	.11242	.11049	.00017
Stddev	.00021	.00083	.00059	.00121	.00076	.00869	.00162	.00007
%RSD	24.708	20.521	7.0467	317.81	81.812	7.7325	1.4627	42.836

#1	-.00080	-.00340	.00824	.00053	.00038	.10252	.10933	.00020
#2	-.00067	-.00499	.00792	-.00175	.00179	.11877	.10982	.00008
#3	-.00108	-.00376	.00906	.00008	.00060	.11598	.11234	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	74.348	-.00031	.00448	.00890	.51976	.51322	8.6704
Stddev	.00005	.159	.00018	.00019	.00029	.02416	.00012	.0975
%RSD	64.270	.21374	58.886	4.3068	3.2096	4.6475	.02364	1.1242

#1	.00013	74.306	-.00032	.00468	.00857	.54528	.51314	8.6603
#2	.00004	74.523	-.00049	.00445	.00905	.49724	.51316	8.5784
#3	.00005	74.213	-.00012	.00430	.00908	.51678	.51336	8.7725

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00389	.00097	336.99	-.00025	.03807	.93348	.00026	.00715
Stddev	.00001	.00036	1.52	.00031	.00148	.01525	.00017	.00534
%RSD	.24456	36.480	.45026	124.68	3.8842	1.6333	64.985	74.710

#1	.00388	.00100	338.74	-.00046	.03942	.92444	.00042	.00541
#2	.00390	.00131	336.10	.00011	.03830	.92492	.00027	.00289
#3	.00389	.00061	336.14	-.00040	.03649	.95108	.00008	.01315

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32276	.46720	.00268	.00662	.01977	-.0033	.11868	5.2315
Stddev	.03999	.00162	.00094	.00363	.00201	.0009	.00035	.2482
%RSD	12.389	.34762	35.201	54.899	10.157	27.28	.29525	4.7451

#1	.28866	.46564	.00184	.00492	.01952	-.0031	.11835	5.5142
#2	.36677	.46709	.00370	.01079	.01789	-.0025	.11866	5.0493
#3	.31285	.46888	.00250	.00415	.02189	-.0042	.11905	5.1309

Sample Name: K1016-10 Acquired: 1/25/2019 22:11:34 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-05-RO-4-0 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.2545
Stddev	.5771
%RSD	6.9911

#1	7.6179
#2	8.4023
#3	8.7433

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3118.9	37803.	3435.7	7.8803	3204.5
Stddev	3.8	110.	19.7	.2911	5.3
%RSD	.12117	.29117	.57232	3.6942	.16590

#1	3121.2	37676.	3414.4	7.6369	3209.8
#2	3114.5	37872.	3439.5	7.8012	3204.5
#3	3121.0	37860.	3453.2	8.2028	3199.1

Sample Name: CCV11 Acquired: 1/25/2019 22:16:10 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14494 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.3877	F 4.4710	F 4.4441	F 4.3343	F 4.4589	10.360	10.951	.26521
Stddev	.7323	.7348	.7356	.7419	.7577	.101	.107	.00052
%RSD	16.690	16.434	16.553	17.116	16.992	.97815	.97558	.19462
#1	4.9336	5.0233	4.9982	4.8772	5.0145	10.243	11.072	.26579
#2	4.6741	4.7528	4.7246	4.6368	4.7664	10.418	10.869	.26479
#3	3.5555	3.6371	3.6094	3.4890	3.5958	10.418	10.913	.26507
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.1726	F 27.508	1.0772	F 2.1698	F 1.1104	5.1439	2.6926	25.939
Stddev	.3601	.096	.0058	.3578	.1844	.6879	.0021	.056
%RSD	16.575	.34856	.53987	16.491	16.606	13.374	.07632	.21571
#1	2.4429	27.612	1.0735	2.4401	1.2454	4.4340	2.6905	25.950
#2	2.3111	27.491	1.0743	2.3054	1.1856	5.8075	2.6946	25.988
#3	1.7638	27.422	1.0839	1.7640	.90032	5.1901	2.6927	25.878
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.1712	1.3495	27.240	2.5526	2.5317	26.729	F 4.4068	5.2270
Stddev	.3557	.0071	.143	.0059	.3289	.175	.7194	.0210
%RSD	16.383	.52440	.52423	.23003	12.992	.65349	16.324	.40121
#1	2.4389	1.3492	27.405	2.5582	2.2950	26.928	4.9400	5.2475
#2	2.3071	1.3425	27.148	2.5532	2.9073	26.660	4.6920	5.2280
#3	1.7676	1.3567	27.169	2.5465	2.3929	26.600	3.5886	5.2056
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.2975	F 5.5495	F 4.3412	5.2688	F 5.6692	F 4.428	F 5.7048	5.3022
Stddev	.7417	.0522	.7169	.0120	.0430	.768	.0510	.0987
%RSD	17.259	.94036	16.514	.22831	.75908	17.35	.89455	1.8607
#1	4.8692	5.6097	4.8756	5.2774	5.7175	4.997	5.7637	5.3399
#2	4.5639	5.5180	4.6216	5.2551	5.6350	4.732	5.6770	5.1903
#3	3.4594	5.5207	3.5265	5.2739	5.6551	3.554	5.6737	5.3765

Sample Name: CCV11 Acquired: 1/25/2019 22:16:10 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14494 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.1348
Stddev	.7711
%RSD	36.122

#1	2.6759
#2	2.4767
#3	1.2519

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3640.6	39017.	3390.3	8.0564	3803.7
Stddev	475.3	61.	25.7	.9985	507.7
%RSD	13.056	.15758	.75837	12.394	13.347

#1	3299.4	39088.	3361.4	9.0841	3432.9
#2	3438.9	38986.	3398.6	7.0898	3595.9
#3	4183.5	38977.	3410.8	7.9954	4382.3

Sample Name: CCB11 Acquired: 1/25/2019 22:20:11 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14494 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00126	-.00086	.00083	-.00160	.00225	.01295	F .02946
Stddev	.00057	.00211	.00095	.00184	.00169	.00622	.00533
%RSD	45.752	246.25	114.17	115.62	74.959	48.045	18.089

#1	-.00095	-.00249	.00078	-.00263	.00305	.01871	.02451
#2	-.00090	-.00160	.00181	.00053	.00339	.01379	.02877
#3	-.00192	.00152	-.00009	-.00269	.00031	.00635	.03510

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00003	-.02782	-.00041	-.00020	.00126	-.03287
Stddev	.00001	.00005	.02652	.00019	.00010	.00038	.04003
%RSD	11.569	141.82	95.301	44.923	48.212	30.587	121.79

#1	.00009	.00005	-.03232	-.00034	-.00010	.00143	-.07792
#2	.00009	.00006	-.05180	-.00027	-.00029	.00082	-.00141
#3	.00007	-.00002	.00065	-.00062	-.00020	.00152	-.01926

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.02640	.00060	.00071	.09901	-.00062	.00042
Stddev	.00004	.00931	.00039	.00035	.00888	.00010	.00018
%RSD	412.76	35.268	64.677	48.679	8.9684	15.929	43.928

#1	.00003	.02329	.00016	.00065	.10919	-.00074	.00061
#2	-.00004	.01904	.00091	.00109	.09491	-.00056	.00040
#3	-.00002	.03687	.00074	.00040	.09291	-.00057	.00024

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15745	.00035	.00344	F .08084	.00606	.00086	.00479
Stddev	.01213	.00030	.00924	.01798	.00310	.00006	.00442
%RSD	7.7048	85.490	268.95	22.247	51.252	6.6814	92.148

#1	-.16685	.00004	-.00695	.07548	.00962	.00081	.00822
#2	-.14376	.00036	.01073	.10090	.00393	.00092	-.00019
#3	-.16175	.00063	.00653	.06615	.00463	.00085	.00635

Sample Name: CCB11 Acquired: 1/25/2019 22:20:11 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14494 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00820	-.0039	.00032	F 3.3691	F<.00000
Stddev	.00371	.0007	.00009	.2469	.44540
%RSD	45.243	17.82	27.052	7.3276	44.836

#1	.01026	-.0039	.00039	3.2388	-1.3997
#2	.00392	-.0033	.00022	3.6538	-1.0633
#3	.01042	-.0047	.00034	3.2147	-.51720

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3500.8	41693.	3400.8	7.7955	3947.1
Stddev	138.4	119.	7.2	.7906	157.7
%RSD	3.9532	.28589	.21104	10.142	3.9949

#1	3342.6	41611.	3409.0	6.9136	3766.6
#2	3560.7	41638.	3398.1	8.0318	4016.7
#3	3599.2	41830.	3395.4	8.4409	4058.0

Sample Name: K1224-02 Acquired: 1/25/2019 22:24:40 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00094	-.00460	4.5149	-.00593	.00401	.06917	.60122
Stddev	.00140	.00143	.0299	.00411	.00087	.01169	.00401
%RSD	148.85	31.107	.66201	69.302	21.692	16.899	.66655

#1	-.00246	-.00295	4.5462	-.00331	.00400	.07110	.60558
#2	-.00066	-.00538	4.5119	-.00381	.00489	.07978	.60038
#3	.00030	-.00546	4.4866	-.01066	.00315	.05664	.59770

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	.00280	19.221	-.00306	.00487	-.00977	25.716
Stddev	.00002	.00008	.086	.00014	.00003	.00043	.777
%RSD	9.1248	2.7185	.44662	4.6962	.62994	4.3786	3.0210

#1	.00024	.00285	19.165	-.00295	.00490	-.01025	24.830
#2	.00020	.00284	19.178	-.00300	.00488	-.00965	26.037
#3	.00022	.00271	19.319	-.00322	.00484	-.00942	26.281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44190	1.5152	.01292	-.00132	290.27	-.00035	1.6022
Stddev	.00033	.0284	.00040	.00030	2.20	.00043	.0412
%RSD	.07434	1.8728	3.0955	22.456	.75882	125.06	2.5712

#1	.44182	1.5344	.01246	-.00155	287.97	-.00064	1.5563
#2	.44226	1.4826	.01316	-.00099	290.47	.00015	1.6144
#3	.44162	1.5287	.01314	-.00141	292.36	-.00055	1.6359

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3022	-.00052	.03548	.61965	1.0166	.00271	.00315
Stddev	.0185	.00003	.00725	.00199	.0067	.00037	.00281
%RSD	1.4200	6.6893	20.441	.32195	.66380	13.676	89.164

#1	1.3142	-.00049	.04261	.62108	1.0131	.00265	-.00008
#2	1.3114	-.00056	.03572	.62049	1.0244	.00310	.00504
#3	1.2809	-.00050	.02811	.61737	1.0124	.00237	.00447

Sample Name: K1224-02 Acquired: 1/25/2019 22:24:40 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-9 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01183	-.0035	.09008	4.7996	F<.00000
Stddev	.00278	.0015	.00051	.3114	1.7247
%RSD	23.542	43.58	.56348	6.4875	3.9586
#1	.01124	-.0051	.09066	5.1199	-43.466
#2	.01485	-.0033	.08981	4.4980	-45.342
#3	.00938	-.0021	.08976	4.7810	-41.897
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3199.2	38498.	3420.2	8.5121	3319.5
Stddev	26.5	139.	7.0	.2055	26.5
%RSD	.82684	.36223	.20350	2.4137	.79960
#1	3172.1	38349.	3419.1	8.7432	3292.7
#2	3200.8	38625.	3427.6	8.4432	3320.1
#3	3224.9	38520.	3413.8	8.3500	3345.8

Sample Name: K1224-04 Acquired: 1/25/2019 22:29:12 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00584	-.00392	.04477	-.00127	.00251	.06856	.29499
Stddev	.00133	.00140	.00108	.00205	.00174	.00379	.00267
%RSD	22.679	35.800	2.4074	161.16	69.282	5.5221	.90495

#1	.00548	-.00289	.04599	-.00303	.00166	.07237	.29444
#2	.00474	-.00552	.04395	.00098	.00451	.06850	.29789
#3	.00731	-.00335	.04438	-.00176	.00136	.06480	.29264

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00060	23.124	-.00122	.00569	.00165	14.873
Stddev	.00002	.00026	.119	.00021	.00024	.00042	2.380
%RSD	22.692	43.719	.51413	16.913	4.1593	25.297	15.998

#1	.00008	-.00041	22.993	-.00099	.00583	.00184	13.015
#2	.00011	-.00090	23.226	-.00139	.00541	.00117	17.555
#3	.00012	-.00048	23.151	-.00127	.00581	.00194	14.050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70777	2.0317	.00617	-.00104	279.48	.00125	.24652
Stddev	.00061	.0341	.00023	.00077	3.16	.00047	.03683
%RSD	.08599	1.6792	3.7500	73.762	1.1310	37.974	14.938

#1	.70742	2.0102	.00591	-.00023	279.69	.00154	.21553
#2	.70847	2.0710	.00625	-.00113	276.22	.00149	.28723
#3	.70742	2.0137	.00636	-.00176	282.53	.00070	.23681

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4416	.00026	.03414	.65357	1.5583	.00344	.00612
Stddev	.0308	.00014	.00603	.02523	.0316	.00064	.00187
%RSD	2.1333	54.865	17.663	3.8603	2.0276	18.688	30.566

#1	1.4357	.00026	.04092	.64221	1.5597	.00271	.00572
#2	1.4142	.00040	.03209	.68248	1.5260	.00374	.00816
#3	1.4749	.00012	.02940	.63601	1.5891	.00389	.00448

Sample Name: K1224-04 Acquired: 1/25/2019 22:29:12 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-10 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01687	.0598	.10723	5.1459	F<.00000
Stddev	.00287	.0013	.00213	.0662	.69592
%RSD	16.992	2.174	1.9824	1.2861	2.9192
#1	.01664	.0613	.10883	5.1084	-24.280
#2	.01412	.0594	.10482	5.2223	-23.037
#3	.01984	.0588	.10804	5.1069	-24.200
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3162.6	38341.	3458.4	8.8636	3305.8
Stddev	14.0	77.	46.0	1.2835	18.5
%RSD	.44422	.20126	1.3297	14.481	.55859
#1	3168.4	38333.	3467.1	10.002	3313.7
#2	3146.5	38268.	3499.4	7.4727	3284.7
#3	3172.7	38422.	3408.6	9.1159	3318.9

Sample Name: K1224-06 Acquired: 1/25/2019 22:33:47 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00609	-.00212	-.00150	-.00500	.00297	.08573	.35446
Stddev	.00117	.00064	.00102	.00363	.00181	.00247	.00330
%RSD	19.155	30.239	67.761	72.742	60.941	2.8825	.92998

#1	.00680	-.00233	-.00145	-.00296	.00190	.08603	.35455
#2	.00673	-.00262	-.00051	-.00283	.00195	.08804	.35112
#3	.00475	-.00140	-.00254	-.00919	.00507	.08312	.35771

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00138	15.684	-.00128	.01564	.00307	33.250
Stddev	.00009	.00001	.098	.00022	.00011	.00069	.200
%RSD	55.702	.98638	.62308	17.308	.68463	22.619	.60250

#1	.00026	-.00140	15.663	-.00106	.01575	.00238	33.068
#2	.00014	-.00138	15.599	-.00150	.01554	.00306	33.218
#3	.00008	-.00137	15.790	-.00129	.01564	.00377	33.464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67331	1.1246	.00473	-.00171	306.30	.00217	.08286
Stddev	.00063	.0260	.00034	.00095	3.08	.00027	.00105
%RSD	.09397	2.3121	7.1980	55.551	1.0045	12.465	1.2619

#1	.67403	1.1034	.00435	-.00242	306.71	.00207	.08387
#2	.67301	1.1536	.00501	-.00207	303.04	.00247	.08178
#3	.67288	1.1166	.00484	-.00063	309.16	.00196	.08293

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5074	-.00006	.03535	.41304	.91565	.00203	.00417
Stddev	.0733	.00028	.00170	.01779	.01774	.00022	.00502
%RSD	4.8662	430.51	4.8198	4.3073	1.9370	10.805	120.40

#1	1.5795	-.00001	.03721	.43198	.93561	.00185	.00656
#2	1.4329	-.00036	.03497	.39667	.90168	.00227	.00755
#3	1.5099	.00018	.03387	.41047	.90967	.00196	-.00160

Sample Name: K1224-06 Acquired: 1/25/2019 22:33:47 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-11 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01232	.0174	.04137	4.7919	F<.00000
Stddev	.00247	.0007	.00044	.1440	.78190
%RSD	20.036	4.283	1.0709	3.0054	1.2830
#1	.01171	.0178	.04188	4.6296	-61.776
#2	.01021	.0165	.04117	4.9046	-60.226
#3	.01504	.0178	.04106	4.8415	-60.823
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3211.9	38634.	3469.0	8.9197	3327.0
Stddev	16.8	57.	41.8	.0853	14.6
%RSD	.52218	.14757	1.2064	.95620	.43826
#1	3230.8	38590.	3434.7	8.8705	3343.7
#2	3198.9	38614.	3515.6	9.0182	3317.1
#3	3205.9	38698.	3456.7	8.8705	3320.0

Sample Name: K1224-08 Acquired: 1/25/2019 22:38:21 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB-12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00091	-.00242	1.5541	-.00127	-.00019	.06795	.67557
Stddev	.00092	.00114	.0025	.00160	.00039	.01652	.00281
%RSD	100.40	47.052	.15934	126.54	208.99	24.307	.41575

#1	-.00116	-.00120	1.5559	-.00070	-.00041	.05770	.67835
#2	.00010	-.00260	1.5552	-.00003	-.00041	.05914	.67563
#3	-.00168	-.00345	1.5513	-.00308	.00026	.08700	.67273

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	.00107	25.064	-.00143	.00802	.06610	5.6333
Stddev	.00004	.00006	.127	.00047	.00018	.00054	.4775
%RSD	11.832	5.9186	.50511	33.133	2.2824	.81927	8.4764

#1	.00037	.00114	24.919	-.00107	.00799	.06554	5.2309
#2	.00029	.00108	25.153	-.00125	.00785	.06612	6.1609
#3	.00034	.00101	25.120	-.00197	.00821	.06662	5.5080

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67937	3.6440	.00554	.00035	339.76	-.00013	.44337
Stddev	.00109	.0366	.00018	.00043	2.46	.00043	.03492
%RSD	.16015	1.0053	3.3028	123.24	.72471	334.92	7.8760

#1	.67825	3.6140	.00533	.00072	337.13	.00021	.41810
#2	.67942	3.6848	.00563	.00044	342.02	-.00062	.48321
#3	.68043	3.6330	.00566	-.00012	340.13	.00001	.42878

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6762	.00020	.05429	.59862	1.0777	.00274	.00363
Stddev	.0347	.00004	.01556	.02714	.0061	.00044	.00225
%RSD	2.0688	21.580	28.662	4.5338	.56761	15.906	61.878

#1	1.6361	.00023	.05172	.56903	1.0716	.00303	.00148
#2	1.6958	.00023	.07097	.60447	1.0839	.00296	.00347
#3	1.6966	.00015	.04017	.62236	1.0777	.00224	.00596

Sample Name: K1224-08 Acquired: 1/25/2019 22:38:21 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB-12 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01900	-.0031	.11283	4.9491	F<.00000
Stddev	.00202	.0011	.00033	.1601	.87442
%RSD	10.649	37.24	.29028	3.2342	22.453
#1	.01767	-.0039	.11245	4.7833	-4.7265
#2	.02133	-.0036	.11301	4.9612	-3.9738
#3	.01800	-.0018	.11302	5.1027	-2.9831
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3206.4	38607.	3450.0	8.2833	3308.2
Stddev	6.6	80.	15.9	.6293	5.9
%RSD	.20685	.20639	.46099	7.5968	.17825
#1	3208.7	38684.	3454.9	8.7523	3304.4
#2	3211.5	38611.	3432.2	7.5682	3315.0
#3	3198.9	38525.	3462.8	8.5295	3305.2

Sample Name: K1015-14 Acquired: 1/25/2019 22:42:52 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-012419 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 -.00046	s .00781	s -.09054	s .00054	s -.00029	k .21206	.16200	k .00016
Stddev	.00323	.01628	.16099	.00234	.00145	.00250	.00148	.00002
%RSD	696.25	208.36	177.81	432.02	491.49	1.1801	.91665	15.580

#1	.00228	-.00082	.00334	.00110	.00137	.21183	.16085	.00014
#2	.00035	-.00233	.00147	-.00203	-.00099	.21467	.16368	.00015
#3	s -.00402	s .02659	s -.27643	s .00255	s -.00126	k .20968	.16147	k .00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .00176	40.230	k -.00057	s .00435	s .00563	k .05036	1.5595	3.1892
Stddev	.00285	.297	.00029	.00838	.00423	.03080	.0013	.0832
%RSD	162.37	.73761	51.063	192.85	75.171	61.167	.08420	2.6091

#1	.00005	40.107	-.00057	.00969	.00838	.05871	1.5609	3.2852
#2	.00017	40.015	-.00029	.00867	.00776	.07612	1.5594	3.1447
#3	s .00505	40.569	k -.00087	s -.00532	s .00076	k .01624	1.5582	3.1377

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .03713	k .00072	307.36	k -.00024	k .01251	.77536	s .00013	k .01572
Stddev	.05439	.00040	2.51	.00005	.00922	.01759	.00018	.00179
%RSD	146.49	55.321	.81555	22.588	73.690	2.2688	136.40	11.419

#1	.00555	.00117	304.58	-.00019	.01604	.75643	-.00000	.01672
#2	.00590	.00041	308.05	-.00024	.01945	.79121	.00033	.01365
#3	s .09993	k .00057	309.45	k -.00030	k .00205	.77843	s .00006	k .01679

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .24587	k 3.2229	s -.01391	k .00491	.00942	s .2887	k .20236	5.0197
Stddev	.97153	.0282	.02700	.00507	.00168	.5002	.00130	.1159
%RSD	395.13	.87515	194.04	103.33	17.857	173.2	.64026	2.3089

#1	.83559	3.2172	.00211	.00543	.00778	-.0003	.20288	5.1490
#2	.77747	3.1980	.00123	-.00040	.00933	.0002	.20089	4.9852
#3	s -.87545	k 3.2536	s -.04509	k .00970	.01114	s .8663	k .20331	4.9250

Sample Name: K1015-14 Acquired: 1/25/2019 22:42:52 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-04-012419 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.5421
 Stddev .6504
 %RSD 8.6235

#1 6.8168
 #2 7.7358
 #3 8.0736

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	^ *****	38965.	3515.0	9.1591	^ *****
Stddev	-----	30.	21.6	1.0511	-----
%RSD	-----	.07657	.61379	11.476	-----

#1	3454.2	38954.	3530.3	10.373	3565.9
#2	3563.9	38943.	3524.3	8.5432	3738.2
#3	^ -----	38999.	3490.3	8.5614	^ -----

Sample Name: K1015-14DUP Acquired: 1/25/2019 22:47:28 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-012419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	-.00256	.00536	.00098	.00042	.23130	.15850	.00020
Stddev	.00192	.00122	.00069	.00059	.00126	.02294	.00483	.00010
%RSD	210.46	47.433	12.795	60.284	297.40	9.9185	3.0485	51.984

#1	.00124	-.00245	.00490	.00087	-.00099	.24224	.15469	.00031
#2	-.00115	-.00384	.00615	.00045	.00141	.20494	.16394	.00010
#3	.00265	-.00141	.00503	.00163	.00086	.24673	.15688	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	40.319	-.00068	.01039	.00909	.02966	1.5712	3.1357
Stddev	.00006	.180	.00038	.00016	.00032	.04882	.0030	.0103
%RSD	41.057	.44735	55.525	1.4998	3.4669	164.61	.18930	.32902

#1	.00018	40.120	-.00107	.01021	.00880	-.02581	1.5737	3.1403
#2	.00021	40.472	-.00065	.01049	.00943	.06609	1.5719	3.1429
#3	.00008	40.363	-.00032	.01046	.00905	.04869	1.5679	3.1239

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00595	.00077	311.66	-.00075	.02038	.76069	-.00002	.00486
Stddev	.00029	.00039	4.54	.00072	.00306	.00771	.00006	.00700
%RSD	4.8672	51.149	1.4570	96.876	15.035	1.0131	301.50	143.93

#1	.00580	.00058	315.53	-.00006	.02342	.75371	-.00000	.00358
#2	.00629	.00122	312.78	-.00150	.02044	.75940	-.00009	.01241
#3	.00577	.00051	306.66	-.00068	.01729	.76896	.00003	-.00140

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90966	3.2536	.00461	.00276	.01149	-.0004	.20308	4.7930
Stddev	.04558	.0301	.00029	.00420	.00396	.0009	.00056	.1412
%RSD	5.0105	.92587	6.1873	151.87	34.454	229.8	.27361	2.9456

#1	.85706	3.2860	.00433	-.00114	.00837	.0007	.20245	4.6684
#2	.93741	3.2485	.00490	.00720	.01016	-.0008	.20329	4.7643
#3	.93452	3.2264	.00461	.00223	.01595	-.0010	.20351	4.9463

Sample Name: K1015-14DUP Acquired: 1/25/2019 22:47:28 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-012419 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	7.5948
Stddev	.3117
%RSD	4.1041

#1	7.6489
#2	7.2596
#3	7.8759

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3209.0	38813.	3490.1	8.6205	3316.9
Stddev	18.3	65.	37.3	1.2820	16.2
%RSD	.57129	.16738	1.0699	14.872	.48841

#1	3207.7	38772.	3454.2	7.4227	3318.4
#2	3228.0	38888.	3487.5	8.4659	3332.3
#3	3191.4	38780.	3528.7	9.9727	3300.0

Sample Name: K1015-14LX5 Acquired: 1/25/2019 22:52:04 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7898 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00215	-.00011	.00214	-.00337	.00000	.04620	.05635	.00011
Stddev	.00176	.00030	.00058	.00325	.00213	.02537	.00339	.00004
%RSD	82.140	261.95	27.112	96.610	6085600.	54.909	6.0072	37.015

#1	-.00320	-.00000	.00261	-.00570	-.00161	.07462	.05721	.00013
#2	-.00313	.00011	.00149	.00035	.00241	.03814	.05922	.00006
#3	-.00011	-.00045	.00233	-.00476	-.00080	.02585	.05262	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	8.4230	-.00026	.00208	.00290	-.00355	.32633	.68319
Stddev	.00004	.0238	.00008	.00003	.00061	.01168	.00076	.02015
%RSD	37.972	.28202	32.083	1.2213	21.024	329.11	.23298	2.9499

#1	.00015	8.4002	-.00017	.00209	.00359	.00359	.32646	.70357
#2	.00014	8.4213	-.00028	.00205	.00266	-.01702	.32552	.66327
#3	.00007	8.4476	-.00033	.00209	.00244	.00278	.32702	.68274

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	.00071	65.636	-.00050	.00386	.05215	.00035	.00101
Stddev	.00014	.00022	.284	.00012	.00066	.01357	.00036	.00118
%RSD	13.864	30.616	.43211	24.618	17.033	26.021	103.32	116.26

#1	.00115	.00091	65.634	-.00041	.00394	.04214	.00073	-.00023
#2	.00087	.00048	65.920	-.00046	.00316	.04672	.00033	.00115
#3	.00102	.00074	65.353	-.00064	.00447	.06760	-.00000	.00212

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22948	.71226	.00132	.00618	.01132	-.0027	.04221	4.0364
Stddev	.03314	.00695	.00034	.00177	.00164	.0002	.00011	.0963
%RSD	14.440	.97596	25.364	28.607	14.469	8.286	.25974	2.3848

#1	.19549	.71248	.00095	.00460	.01154	-.0030	.04227	4.1430
#2	.23126	.71911	.00161	.00809	.00958	-.0027	.04208	3.9558
#3	.26170	.70521	.00140	.00586	.01284	-.0026	.04227	4.0104

Sample Name: K1015-14LX5 Acquired: 1/25/2019 22:52:04 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7898 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.0901
Stddev	1.1488
%RSD	54.965

#1	2.7207
#2	.76406
#3	2.7854

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3304.5	40331.	3434.3	9.5258	3541.4
Stddev	11.1	185.	19.7	1.3958	15.3
%RSD	.33450	.45790	.57297	14.653	.43263

#1	3300.2	40126.	3418.6	9.1809	3533.0
#2	3317.0	40483.	3427.9	11.062	3559.1
#3	3296.2	40386.	3456.4	8.3348	3532.2

Sample Name: K1015-14MS Acquired: 1/25/2019 22:56:31 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-012419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83270	2.0514	1.0259	2.1059	.84724	2.3331	.38644
Stddev	.00717	.0043	.0013	.0143	.00703	.0183	.00410
%RSD	.86095	.20830	.12608	.67668	.82996	.78484	1.0616

#1	.83194	2.0545	1.0246	2.0989	.84541	2.3204	.38478
#2	.82595	2.0532	1.0260	2.0965	.84131	2.3541	.39111
#3	.84022	2.0465	1.0272	2.1223	.85501	2.3248	.38342

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21751	.20517	38.977	.44176	.21781	.32579	3.2842
Stddev	.00042	.00017	.164	.00137	.00053	.00291	.1724
%RSD	.19199	.08294	.42082	.30967	.24155	.89187	5.2495

#1	.21755	.20510	38.891	.44160	.21824	.32409	3.4711
#2	.21707	.20536	39.166	.44320	.21722	.32414	3.2499
#3	.21791	.20504	38.875	.44048	.21797	.32915	3.1315

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6628	4.9663	.52569	.07788	293.18	.31975	.24634
Stddev	.0018	.0938	.00069	.00032	1.03	.00132	.01043
%RSD	.10594	1.8882	.13182	.41304	.35272	.41343	4.2323

#1	1.6611	4.8666	.52500	.07751	293.72	.31830	.25770
#2	1.6646	5.0527	.52638	.07807	293.83	.32090	.24410
#3	1.6626	4.9795	.52569	.07807	291.98	.32004	.23722

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.816	.43163	.34598	.83133	4.0533	.72588	.22360
Stddev	.047	.00573	.01095	.01979	.0524	.00045	.00374
%RSD	.39540	1.3279	3.1658	2.3803	1.2915	.06191	1.6733

#1	11.772	.42787	.34953	.81516	4.1133	.72640	.22265
#2	11.865	.42879	.35472	.82542	4.0165	.72562	.22772
#3	11.812	.43822	.33370	.85339	4.0302	.72561	.22042

Sample Name: K1015-14MS Acquired: 1/25/2019 22:56:31 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-012419 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23791	6.341	.40895	5.1370	F<.00000
Stddev	.00304	.024	.00261	.1811	1.1594
%RSD	1.2777	.3786	.63748	3.5247	30.673

#1	.23450	6.363	.41154	4.9548	-3.2828
#2	.23894	6.344	.40633	5.3169	-5.1050
#3	.24031	6.316	.40899	5.1394	-2.9519

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3160.5	38475.	3424.7	7.6710	3291.8
Stddev	20.8	92.	28.2	.3335	13.9
%RSD	.65880	.23816	.82398	4.3476	.42152

#1	3173.4	38474.	3401.3	7.3165	3281.6
#2	3171.6	38384.	3456.1	7.7178	3286.1
#3	3136.5	38567.	3416.8	7.9786	3307.6

Sample Name: K1015-14MSD Acquired: 1/25/2019 23:00:47 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-012419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82544	2.0449	1.0211	2.0863	.83780	2.3239	.38416
Stddev	.00493	.0099	.0014	.0015	.00151	.0303	.00492
%RSD	.59736	.48491	.14085	.07433	.18055	1.3057	1.2813

#1	.82452	2.0469	1.0196	2.0849	.83691	2.3279	.38862
#2	.82104	2.0342	1.0213	2.0860	.83954	2.2917	.37888
#3	.83077	2.0537	1.0224	2.0880	.83694	2.3520	.38499

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21741	.20446	38.697	.44115	.21734	.32277	3.1615
Stddev	.00053	.00014	.125	.00220	.00030	.00014	.2421
%RSD	.24482	.06610	.32366	.49884	.13699	.04410	7.6566

#1	.21714	.20453	38.734	.44244	.21747	.32289	3.4353
#2	.21706	.20430	38.799	.43861	.21700	.32261	2.9756
#3	.21802	.20454	38.557	.44240	.21755	.32280	3.0737

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6600	5.0748	.52564	.07791	288.23	.32113	.23261
Stddev	.0034	.0575	.00055	.00040	4.45	.00160	.01255
%RSD	.20376	1.1336	.10405	.50880	1.5436	.49700	5.3948

#1	1.6590	5.0370	.52503	.07832	293.37	.32055	.24673
#2	1.6572	5.0465	.52609	.07785	285.80	.31991	.22274
#3	1.6637	5.1410	.52580	.07754	285.53	.32294	.22836

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.734	.42759	.33403	.79505	4.0491	.72906	.22605
Stddev	.075	.00073	.00488	.00442	.0604	.00082	.00352
%RSD	.64143	.17017	1.4617	.55615	1.4918	.11259	1.5554

#1	11.698	.42819	.33270	.78996	4.0949	.72983	.22603
#2	11.683	.42779	.32995	.79795	4.0718	.72915	.22957
#3	11.820	.42678	.33944	.79724	3.9807	.72819	.22254

Sample Name: K1015-14MSD Acquired: 1/25/2019 23:00:47 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-012419 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24249	6.328	.40513	5.1114	F<.00000
Stddev	.00143	.014	.00505	.0593	.99564
%RSD	.58974	.2237	1.2454	1.1603	20.456
#1	.24324	6.344	.40552	5.1238	-4.6048
#2	.24339	6.317	.40997	5.0468	-4.0291
#3	.24084	6.324	.39990	5.1635	-5.9678
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3197.4	38644.	3456.5	8.1464	3304.3
Stddev	5.4	89.	36.8	.4072	2.0
%RSD	.16736	.22934	1.0659	4.9986	.05997
#1	3199.9	38659.	3452.5	7.6901	3305.5
#2	3201.0	38724.	3421.9	8.4728	3305.5
#3	3191.2	38549.	3495.2	8.2762	3302.0

Sample Name: K1015-14A Acquired: 1/25/2019 23:05:04 Type: Unk
Method: P4-ICP2(v2780) 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	.04111	.10878	.04145	.11791	.03853	2.1717	.37239
Stddev	.07613	.17259	.08711	.18935	.07896	.0133	.01960
%RSD	185.18	158.65	210.15	160.59	204.93	.61340	5.2637

#1	.12901	.30807	.14204	.33655	.12970	2.1776	.38247
#2	-.00232	.00978	-.00895	.00988	-.00715	2.1565	.38489
#3	-.00337	.00851	-.00873	.00730	-.00696	2.1811	.34980

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20045	.01032	37.986	.40553	.01025	.01842	2.9406
Stddev	.00198	.01712	1.398	.00266	.01831	.03141	.1746
%RSD	.98704	165.96	3.6800	.65636	178.63	170.49	5.9379

#1	.20207	.03008	38.499	.40848	.03140	.05468	2.9679
#2	.20103	.00049	39.056	.40477	-.00019	.00024	3.0999
#3	.19824	.00038	36.404	.40332	-.00045	.00034	2.7539

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5325	4.9342	.03154	.07177	285.90	.29477	.02794
Stddev	.0129	.1269	.04358	.00089	14.22	.00275	.04429
%RSD	.83886	2.5713	138.18	1.2339	4.9718	.93164	158.55

#1	1.5452	5.0382	.08186	.07279	293.74	.29744	.07908
#2	1.5329	4.9715	.00661	.07118	294.48	.29492	.00287
#3	1.5194	4.7928	.00615	.07134	269.50	.29195	.00186

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.571	.02548	.31914	.00294	3.9141	.03386	.21881
Stddev	.403	.04190	.01490	.07993	.1759	.06026	.00690
%RSD	3.4800	164.44	4.6679	2720.3	4.4934	177.97	3.1553

#1	11.729	.07385	.33366	.09504	4.0042	.10344	.22399
#2	11.871	.00160	.31988	-.03795	4.0268	-.00069	.22146
#3	11.114	.00098	.30389	-.04827	3.7115	-.00117	.21097

Sample Name: K1015-14A Acquired: 1/25/2019 23:05:04 Type: Unk
Method: P4-ICP2(v2780) 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	.23650	.3028	.39644	3.9898	F<.00000
Stddev	.00632	.4994	.02029	.2005	.26808
%RSD	2.6732	164.9	5.1190	5.0251	6.4343
#1	.23834	.8794	.40405	4.0959	-4.0819
#2	.24169	.0167	.41184	3.7585	-4.4666
#3	.22946	.0122	.37345	4.1149	-3.9507
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8574.6	41076.	3490.3	8.5934	10947.
Stddev	1541.9	186.	135.9	.6285	2407.
%RSD	17.983	.45267	3.8939	7.3133	21.990
#1	6795.5	40887.	3432.2	8.4921	8169.7
#2	9524.0	41080.	3393.1	8.0218	12437.
#3	9404.4	41259.	3645.6	9.2664	12233.

Sample Name: CCV12 Acquired: 1/25/2019 23:09:32 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14496 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1509	5.2827	5.2683	5.1282	5.2669	10.319	F 11.150	.26674
Stddev	.0158	.0044	.0029	.0093	.0105	.049	.081	.00007
%RSD	.30658	.08357	.05441	.18054	.19854	.47468	.72638	.02512
#1	5.1667	5.2878	5.2714	5.1328	5.2725	10.336	11.185	.26675
#2	5.1509	5.2796	5.2676	5.1342	5.2734	10.264	11.208	.26680
#3	5.1351	5.2808	5.2658	5.1175	5.2549	10.358	11.058	.26667
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5748	F 27.771	1.0830	2.5750	1.3058	F 5.5946	2.7071	26.308
Stddev	.0004	.077	.0053	.0034	.0033	.2842	.0022	.155
%RSD	.01403	.27668	.48770	.13114	.24945	5.0806	.08195	.58928
#1	2.5750	27.727	1.0873	2.5761	1.3044	5.5419	2.7096	26.142
#2	2.5749	27.860	1.0846	2.5778	1.3095	5.9016	2.7054	26.333
#3	2.5743	27.727	1.0771	2.5713	1.3034	5.3405	2.7062	26.448
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5803	1.3501	F 27.619	2.5785	F 2.9353	27.110	5.1770	5.2900
Stddev	.0027	.0053	.048	.0054	.1630	.112	.0051	.0030
%RSD	.10383	.39183	.17513	.20781	5.5535	.41423	.09778	.05734
#1	2.5781	1.3514	27.598	2.5831	2.9742	27.072	5.1799	5.2867
#2	2.5833	1.3546	27.674	2.5797	3.0754	27.236	5.1799	5.2906
#3	2.5796	1.3442	27.584	2.5726	2.7564	27.021	5.1711	5.2926
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1726	F 5.6527	5.1590	5.3249	F 5.7453	5.286	F 5.7816	5.2026
Stddev	.0445	.0488	.0066	.0212	.0461	.004	.0417	.1853
%RSD	.86005	.86328	.12887	.39764	.80179	.0789	.72144	3.5612
#1	5.1860	5.6399	5.1524	5.3016	5.7458	5.291	5.7928	5.1184
#2	5.1229	5.7066	5.1590	5.3430	5.7912	5.283	5.8166	5.4151
#3	5.2088	5.6116	5.1657	5.3302	5.6990	5.284	5.7354	5.0744

Sample Name: CCV12 Acquired: 1/25/2019 23:09:32 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14496 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.3084
Stddev	.4690
%RSD	35.844

#1	1.5268
#2	.77006
#3	1.6284

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3216.1	39015.	3355.1	7.2646	3318.2
Stddev	3.3	129.	28.0	.4024	2.7
%RSD	.10225	.32975	.83555	5.5386	.08232

#1	3218.4	39022.	3355.0	7.1636	3321.4
#2	3212.4	38883.	3327.1	6.9223	3317.0
#3	3217.6	39140.	3383.2	7.7078	3316.4

Sample Name: CCB12 Acquired: 1/25/2019 23:13:34 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14496 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00120	.00029	-.00066	-.00151	.00224	.01629	F .02736
Stddev	.00180	.00131	.00044	.00077	.00116	.00888	.00167
%RSD	149.77	446.70	66.727	50.884	51.659	54.504	6.1157

#1	-.00329	.00180	-.00116	-.00065	.00259	.02639	.02575
#2	-.00017	-.00033	-.00035	-.00212	.00320	.01278	.02726
#3	-.00016	-.00059	-.00046	-.00175	.00095	.00971	.02909

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00005	-.00835	-.00026	-.00051	.00099	-.01745
Stddev	.00009	.00015	.00236	.00034	.00022	.00019	.04274
%RSD	132.35	315.25	28.228	133.17	43.805	19.558	244.96

#1	-.00001	.00006	-.00915	-.00010	-.00076	.00103	-.02041
#2	.00016	-.00010	-.00570	-.00065	-.00033	.00117	-.05862
#3	.00005	.00019	-.01021	-.00002	-.00045	.00078	.02669

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00686	.00068	.00028	.09839	-.00037	.00045
Stddev	.00004	.03122	.00019	.00025	.01775	.00049	.00018
%RSD	151.88	455.05	27.691	88.132	18.045	131.87	40.921

#1	-.00002	-.03981	.00086	.00050	.09139	-.00079	.00040
#2	.00005	.02228	.00069	.00002	.08520	-.00049	.00065
#3	.00005	-.00306	.00049	.00032	.11858	.00017	.00029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.12836	.00029	.01158	F .10335	.00654	.00066	.00715
Stddev	.00624	.00009	.00841	.02103	.00406	.00010	.00209
%RSD	4.8580	32.381	72.612	20.345	62.155	14.497	29.177

#1	-.12320	.00039	.00406	.10784	.01115	.00071	.00707
#2	-.12659	.00022	.01003	.12176	.00502	.00055	.00511
#3	-.13529	.00024	.02067	.08044	.00346	.00071	.00928

Sample Name: CCB12 Acquired: 1/25/2019 23:13:34 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14496 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00623	-.0040	.00040	F 3.1744	F<.00000
Stddev	.00314	.0007	.00005	.1543	.50231
%RSD	50.474	17.74	13.476	4.8602	58.887

#1	.00627	-.0033	.00037	3.2753	-1.3717
#2	.00307	-.0047	.00037	3.2510	-.81849
#3	.00936	-.0042	.00046	2.9968	-.36884

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3393.7	41982.	3438.8	7.0106	3812.6
Stddev	19.9	23.	37.5	.8380	3.0
%RSD	.58592	.05541	1.0900	11.953	.07869

#1	3416.1	41984.	3401.2	7.8068	3809.1
#2	3386.9	42005.	3476.2	6.1364	3814.7
#3	3378.1	41958.	3439.1	7.0886	3813.8

Sample Name: K1015-16 Acquired: 1/25/2019 23:18:04 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-04-012419 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	-.00115	.00864	.00181	.00187	.22497	.18484	.00019
Stddev	.00239	.00052	.00089	.00471	.00115	.01116	.00551	.00002
%RSD	231.23	45.391	10.310	260.40	61.619	4.9587	2.9787	9.1920

#1	-.00232	-.00097	.00850	.00085	.00302	.21478	.18941	.00021
#2	.00172	-.00173	.00783	.00693	.00072	.23689	.18638	.00019
#3	-.00250	-.00074	.00960	-.00235	.00187	.22323	.17872	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	23.894	-.00042	.00931	.01114	.16384	1.4221	2.6024
Stddev	.00008	.018	.00081	.00003	.00028	.04878	.0027	.0290
%RSD	26.829	.07660	190.54	.37008	2.5123	29.771	.19317	1.1125

#1	.00041	23.913	.00049	.00933	.01147	.10853	1.4236	2.6115
#2	.00031	23.876	-.00105	.00932	.01098	.18228	1.4238	2.5700
#3	.00024	23.892	-.00072	.00927	.01098	.20071	1.4189	2.6257

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00537	.00066	328.81	-.00025	.02903	.71022	.00029	.01292
Stddev	.00014	.00089	8.19	.00031	.00414	.02226	.00003	.00567
%RSD	2.5262	135.27	2.4920	122.79	14.272	3.1336	9.8321	43.848

#1	.00540	.00017	332.90	-.00022	.02674	.68490	.00026	.01625
#2	.00548	.00169	334.16	.00004	.02654	.71910	.00031	.01613
#3	.00522	.00012	319.38	-.00058	.03382	.72668	.00028	.00638

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53901	1.3433	.00289	.00959	.00948	.0001	.12236	5.1443
Stddev	.02620	.0383	.00090	.00339	.00195	.0004	.00011	.1531
%RSD	4.8599	2.8524	31.322	35.329	20.574	309.7	.08843	2.9764

#1	.51498	1.3697	.00379	.00570	.00763	.0005	.12226	5.2113
#2	.56694	1.3608	.00198	.01190	.00929	.0002	.12248	5.2525
#3	.53511	1.2993	.00288	.01117	.01152	-.0003	.12236	4.9691

Sample Name: K1015-16 Acquired: 1/25/2019 23:18:04 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-04-012419 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.5419
 Stddev .8184
 %RSD 12.509

#1 7.1990
 #2 6.8016
 #3 5.6253

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3182.6	38361.	3456.8	8.0106	3294.0
Stddev	5.5	166.	76.1	1.0287	2.2
%RSD	.17332	.43236	2.2010	12.841	.06770

#1	3176.4	38310.	3403.3	8.5409	3292.5
#2	3187.0	38226.	3423.2	8.6659	3293.0
#3	3184.5	38546.	3543.9	6.8250	3296.6

Sample Name: K1228-02 Acquired: 1/25/2019 23:22:39 Type: Unk

Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: COMP-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	-.00324	-.00108	.01142	.00085	.00168	.11781	.16058	.00013
Stddev	.00289	.00096	.00107	.00218	.00110	.01312	.00212	.00007
%RSD	89.140	89.362	9.3911	256.92	65.478	11.133	1.3204	52.049

#1	.00003	-.00202	.01165	-.00152	.00172	.12036	.16276	.00021
#2	-.00546	-.00113	.01025	.00130	.00275	.12946	.16048	.00011
#3	-.00430	-.00009	.01236	.00277	.00056	.10360	.15852	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	31.885	-.00025	.00062	.00708	.00727	.34906	3.7741
Stddev	.00011	.172	.00034	.00003	.00041	.03986	.00042	.0448
%RSD	35.459	.53861	135.23	4.1324	5.8509	548.20	.12056	1.1863

#1	.00040	31.687	-.00043	.00061	.00662	-.03190	.34951	3.7583
#2	.00019	31.982	.00014	.00065	.00742	.00592	.34899	3.7394
#3	.00038	31.986	-.00047	.00060	.00721	.04779	.34868	3.8247

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00267	.00095	331.37	-.00046	.03897	.68370	.00016	.00753
Stddev	.00042	.00050	1.17	.00016	.00272	.03349	.00017	.00881
%RSD	15.677	52.432	.35348	35.243	6.9849	4.8983	107.33	116.96

#1	.00302	.00143	332.59	-.00057	.04067	.70345	-.00002	-.00263
#2	.00277	.00044	330.26	-.00053	.03583	.70262	.00032	.01232
#3	.00221	.00097	331.27	-.00027	.04041	.64504	.00017	.01291

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.62791	1.4042	.00272	.00617	.01287	.0038	.13721	4.9870
Stddev	.02443	.0190	.00126	.00124	.00227	.0015	.00039	.0781
%RSD	3.8906	1.3545	46.281	20.151	17.667	39.04	.28482	1.5662

#1	.64410	1.4087	.00245	.00511	.01046	.0030	.13688	4.9969
#2	.59981	1.3833	.00162	.00585	.01498	.0055	.13711	5.0597
#3	.63983	1.4206	.00410	.00754	.01317	.0029	.13764	4.9044

Sample Name: K1228-02 Acquired: 1/25/2019 23:22:39 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.4074
 Stddev .8653
 %RSD 11.682

#1 7.5656
 #2 6.4739
 #3 8.1826

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3204.1	38477.	3485.0	8.1674	3316.0
Stddev	14.1	128.	37.4	.5900	10.1
%RSD	.44010	.33298	1.0719	7.2244	.30343

#1	3188.5	38349.	3453.7	7.7705	3304.8
#2	3207.6	38476.	3526.4	8.8455	3319.1
#3	3216.1	38605.	3475.1	7.8864	3324.2

Sample Name: K1231-02 Acquired: 1/25/2019 23:27:14 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00207	-.00192	.00709	-.00088	.00239	.18765	.13104	.00010
Stddev	.00150	.00103	.00053	.00073	.00071	.01360	.00482	.00006
%RSD	72.549	53.431	7.5152	82.467	29.799	7.2488	3.6786	62.274

#1	-.00147	-.00142	.00694	-.00160	.00292	.17195	.13092	.00012
#2	-.00096	-.00310	.00665	-.00089	.00158	.19524	.12628	.00003
#3	-.00378	-.00124	.00768	-.00015	.00266	.19576	.13592	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	6.9943	.00003	-.00048	.00693	.05653	.03933	.63834
Stddev	.00004	.0525	.00020	.00007	.00039	.03322	.00020	.05371
%RSD	22.014	.75122	579.44	13.708	5.5651	58.765	.50424	8.4133

#1	.00016	7.0306	.00026	-.00040	.00722	.09435	.03944	.65404
#2	.00014	6.9341	-.00004	-.00051	.00707	.03207	.03910	.68244
#3	.00021	7.0183	-.00012	-.00053	.00649	.04317	.03944	.57853

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00139	-.00005	300.24	-.00017	.03656	.50929	.00012	.00808
Stddev	.00034	.00045	4.54	.00064	.00746	.03048	.00003	.00851
%RSD	24.207	855.20	1.5106	387.37	20.417	5.9854	26.036	105.29

#1	.00132	.00047	305.40	-.00081	.04179	.48854	.00010	.01585
#2	.00110	-.00030	296.86	-.00016	.02801	.54429	.00011	-.00101
#3	.00176	-.00033	298.47	.00047	.03987	.49504	.00015	.00941

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18727	.85227	.00133	.00978	.00854	.0322	.05810	4.8459
Stddev	.00715	.02013	.00037	.00206	.00263	.0015	.00009	.0935
%RSD	3.8188	2.3620	28.023	21.070	30.808	4.514	.15769	1.9291

#1	.19552	.86955	.00095	.00774	.00928	.0320	.05801	4.8696
#2	.18319	.83017	.00169	.01186	.00562	.0338	.05811	4.9253
#3	.18308	.85711	.00136	.00974	.01072	.0309	.05819	4.7429

Sample Name: K1231-02 Acquired: 1/25/2019 23:27:14 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200029 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.4827
 Stddev .8317
 %RSD 23.883

#1 3.4936
 #2 2.6455
 #3 4.3089

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3232.4	38866.	3472.8	7.7265	3373.5
Stddev	3.2	59.	36.8	1.7438	5.1
%RSD	.09749	.15112	1.0607	22.569	.15103

#1	3228.8	38897.	3431.0	6.5886	3369.7
#2	3233.5	38798.	3500.2	9.7341	3379.3
#3	3234.8	38903.	3487.3	6.8568	3371.6

Sample Name: K1233-03 Acquired: 1/25/2019 23:31:50 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SANDHILL-RO- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00298	-.00418	.00360	.00000	.00098	.22417	.09354	.00010
Stddev	.00231	.00142	.00038	.00470	.00083	.00166	.00150	.00005
%RSD	77.645	33.930	10.617	113770.	85.556	.74186	1.6081	53.372
#1	-.00187	-.00581	.00341	.00175	.00037	.22516	.09321	.00007
#2	-.00143	-.00355	.00335	.00358	.00063	.22225	.09223	.00015
#3	-.00564	-.00319	.00404	-.00532	.00193	.22511	.09518	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	7.2141	.00032	.01205	.01264	.07381	.24863	.98671
Stddev	.00003	.0420	.00024	.00011	.00050	.01236	.00062	.01839
%RSD	12.037	.58235	75.609	.90039	3.9794	16.752	.25076	1.8641
#1	.00018	7.1809	.00021	.01193	.01311	.05976	.24928	.96777
#2	.00023	7.2613	.00015	.01209	.01270	.07860	.24855	1.0045
#3	.00022	7.2001	.00059	.01214	.01211	.08306	.24804	.98785
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00530	.00088	300.37	.00163	.07780	.41738	.00023	.09421
Stddev	.00006	.00055	5.96	.00012	.00398	.04513	.00023	.00312
%RSD	1.1143	62.375	1.9845	7.0563	5.1153	10.812	97.652	3.3072
#1	.00525	.00055	306.83	.00152	.08163	.38821	.00048	.09682
#2	.00536	.00057	299.19	.00175	.07368	.46937	.00020	.09505
#3	.00528	.00151	295.09	.00162	.07808	.39458	.00002	.09076
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33487	.67600	.00208	.01430	.01019	-.0015	.05480	4.5649
Stddev	.03031	.01816	.00053	.00177	.00030	.0006	.00011	.1466
%RSD	9.0509	2.6861	25.357	12.358	2.9165	38.77	.20353	3.2111
#1	.35695	.69620	.00203	.01628	.01051	-.0011	.05477	4.4112
#2	.34735	.66104	.00158	.01287	.00993	-.0022	.05492	4.7032
#3	.30032	.67077	.00263	.01376	.01013	-.0012	.05470	4.5801

Sample Name: K1233-03 Acquired: 1/25/2019 23:31:50 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SANDHILL-RO- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.6591
Stddev	.8368
%RSD	22.870

#1	3.0012
#2	4.6009
#3	3.3751

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3263.1	39168.	3524.0	8.5167	3374.2
Stddev	15.9	183.	72.5	.3978	17.2
%RSD	.48609	.46733	2.0575	4.6706	.51021

#1	3270.8	39232.	3451.8	8.1227	3382.0
#2	3244.9	38962.	3523.3	8.9182	3354.4
#3	3273.7	39311.	3596.8	8.5091	3386.1

Sample Name: K1234-04 Acquired: 1/25/2019 23:36:25 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EWP 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	-.00440	96.575	.00010	.01173	.01818	.03570	-.00006
Stddev	.00123	.00088	.184	.00140	.00086	.00833	.00187	.00006
%RSD	173.53	19.948	.19080	1395.6	7.2959	45.827	5.2323	92.102

#1	-.00106	-.00339	96.770	-.00008	.01098	.02554	.03497	-.00003
#2	.00066	-.00495	96.552	-.00120	.01154	.01987	.03431	-.00013
#3	-.00173	-.00486	96.404	.00158	.01266	.00914	.03782	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03017	4.4173	-.03499	.02091	-.25086	-.16531	.07150	.23105
Stddev	.00022	.0357	.00022	.00014	.00040	.05168	.00019	.03149
%RSD	.72062	.80834	.62924	.64703	.15976	31.263	.26924	13.629

#1	.03037	4.4310	-.03503	.02077	-.25040	-.14649	.07142	.25414
#2	.02994	4.3767	-.03475	.02104	-.25116	-.22377	.07172	.24383
#3	.03022	4.4441	-.03518	.02091	-.25102	-.12568	.07136	.19518

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00319	.00051	299.50	-.00033	27.929	.22148	-.00568	.03622
Stddev	.00030	.00034	5.81	.00058	2.813	.02078	.00043	.00343
%RSD	9.4183	66.837	1.9390	176.84	10.073	9.3802	7.6345	9.4710

#1	.00290	.00012	293.51	-.00097	31.099	.19751	-.00534	.03744
#2	.00318	.00066	299.88	.00014	26.956	.23266	-.00617	.03234
#3	.00350	.00075	305.10	-.00015	25.730	.23428	-.00552	.03886

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2619	.13417	.00084	.00734	.01070	.0056	.00454	4.7864
Stddev	.0165	.00449	.00072	.00067	.00094	.0010	.00008	.2152
%RSD	.50449	3.3467	85.479	9.1627	8.8068	18.73	1.6892	4.4956

#1	3.2540	.12938	.00051	.00812	.01066	.0049	.00461	5.0311
#2	3.2510	.13828	.00034	.00690	.01165	.0067	.00455	4.7012
#3	3.2809	.13485	.00166	.00701	.00977	.0051	.00446	4.6269

Sample Name: K1234-04 Acquired: 1/25/2019 23:36:25 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EWP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.7879
Stddev 1.0780
%RSD 38.666

#1 2.6758
#2 3.9176
#3 1.7704

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3192.1	38895.	3443.8	8.3947	3354.9
Stddev	9.4	237.	26.0	.8201	13.0
%RSD	.29358	.60842	.75468	9.7694	.38819

#1	3181.3	38652.	3473.4	7.4750	3340.1
#2	3198.3	38909.	3433.5	8.6591	3360.2
#3	3196.7	39125.	3424.5	9.0500	3364.4

Sample Name: K1238-10 Acquired: 1/25/2019 23:40:57 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00104	-.00302	.00496	.00104	.00078	.18997	.12531	.00015
Stddev	.00236	.00100	.00027	.00080	.00129	.01676	.00250	.00003
%RSD	227.13	33.034	5.5044	77.140	164.08	8.8233	1.9921	22.876

#1	.00075	-.00367	.00471	.00174	.00224	.18410	.12337	.00018
#2	-.00371	-.00351	.00526	.00016	-.00018	.20888	.12812	.00011
#3	-.00016	-.00187	.00492	.00123	.00028	.17694	.12442	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	61.925	.00028	.00338	.00638	.96156	.69008	13.742
Stddev	.00004	.537	.00038	.00012	.00016	.03076	.00037	.082
%RSD	51.286	.86644	134.97	3.5012	2.5030	3.1987	.05389	.59481

#1	.00004	61.534	.00016	.00330	.00657	.99179	.69028	13.649
#2	.00011	61.704	.00071	.00333	.00629	.96259	.69030	13.801
#3	.00006	62.537	-.00002	.00352	.00629	.93030	.68965	13.777

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00636	.00056	321.08	-.00025	.04896	1.2783	.00023	.00834
Stddev	.00027	.00016	2.85	.00021	.00217	.0425	.00025	.00823
%RSD	4.2513	29.203	.88904	81.292	4.4247	3.3255	108.12	98.712

#1	.00636	.00042	321.82	-.00007	.05125	1.2495	-.00005	.01547
#2	.00662	.00074	317.92	-.00022	.04870	1.2582	.00045	.01023
#3	.00608	.00053	323.49	-.00048	.04694	1.3271	.00030	-.00067

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52467	2.0784	.00427	.00531	.01570	-.0020	.11439	4.7359
Stddev	.00557	.0256	.00090	.00056	.00186	.0012	.00068	.1064
%RSD	1.0608	1.2305	21.076	10.581	11.878	62.24	.59493	2.2463

#1	.53099	2.0653	.00520	.00549	.01371	-.0006	.11365	4.8587
#2	.52249	2.0621	.00420	.00576	.01599	-.0023	.11499	4.6718
#3	.52052	2.1079	.00341	.00468	.01740	-.0030	.11453	4.6771

Sample Name: K1238-10 Acquired: 1/25/2019 23:40:57 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S1 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.7120
Stddev .5811
%RSD 10.173

#1 5.6906
#2 5.1418
#3 6.3034

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3240.9	39065.	3511.9	8.5806	3338.4
Stddev	9.2	60.	28.8	.3447	9.9
%RSD	.28266	.15462	.81930	4.0168	.29750

#1	3236.9	38995.	3499.3	8.2192	3329.8
#2	3251.4	39099.	3544.8	8.6169	3349.3
#3	3234.4	39102.	3491.5	8.9056	3336.1

Sample Name: K1238-20 Acquired: 1/25/2019 23:45:32 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00295	-.00412	.00491	-.00142	-.00020	.14634	.10861	.00008
Stddev	.00098	.00081	.00013	.00167	.00089	.00430	.00286	.00002
%RSD	33.098	19.639	2.6646	117.46	454.23	2.9375	2.6330	29.337

#1	-.00187	-.00465	.00481	-.00333	.00010	.15105	.10573	.00006
#2	-.00377	-.00319	.00506	-.00071	-.00120	.14262	.11145	.00007
#3	-.00320	-.00452	.00487	-.00023	.00051	.14537	.10866	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	87.152	.00000	.00240	.00401	1.3831	.84766	23.206
Stddev	.00003	.805	.00021	.00009	.00090	.0480	.00178	.109
%RSD	95.726	.92413	4886.7	3.5782	22.397	3.4721	.20987	.46830

#1	-.00006	86.237	.00012	.00249	.00465	1.4297	.84875	23.082
#2	-.00001	87.751	.00013	.00233	.00298	1.3858	.84561	23.282
#3	-.00002	87.469	-.00023	.00236	.00438	1.3338	.84862	23.255

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00487	.00051	315.85	.00009	.06098	1.1352	.00024	.00437
Stddev	.00014	.00066	5.18	.00013	.00580	.0115	.00017	.01051
%RSD	2.8158	130.36	1.6404	139.77	9.5134	1.0113	68.280	240.67

#1	.00496	-.00013	312.13	.00010	.06087	1.1302	.00007	.00156
#2	.00492	.00119	321.77	-.00004	.06684	1.1270	.00027	.01600
#3	.00471	.00046	313.66	.00022	.05524	1.1483	.00039	-.00446

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64236	2.0821	.00209	.00245	.01963	-.0022	.13853	5.1068
Stddev	.02560	.0273	.00048	.00081	.00205	.0006	.00087	.0867
%RSD	3.9857	1.3118	22.832	33.129	10.424	28.64	.62755	1.6977

#1	.66969	2.0506	.00163	.00337	.01777	-.0024	.13815	5.1446
#2	.63848	2.1000	.00204	.00181	.01929	-.0028	.13952	5.1682
#3	.61893	2.0956	.00259	.00218	.02182	-.0015	.13791	5.0076

Sample Name: K1238-20 Acquired: 1/25/2019 23:45:32 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 6.8456
 Stddev 1.5332
 %RSD 22.397

#1 8.6055
 #2 5.7994
 #3 6.1318

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3154.9	38278.	3478.5	7.6701	3259.1
Stddev	17.8	78.	28.0	.7261	18.6
%RSD	.56262	.20428	.80434	9.4673	.57146

#1	3173.9	38206.	3508.3	7.7140	3280.4
#2	3138.8	38361.	3452.8	6.9230	3246.0
#3	3151.8	38266.	3474.6	8.3733	3250.9

Sample Name: K1238-30 Acquired: 1/25/2019 23:50:07 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00117	-.00219	.00514	-.00069	-.00013	.23804	.15440	.00018
Stddev	.00252	.00091	.00020	.00149	.00037	.02083	.00381	.00009
%RSD	215.43	41.418	3.9171	215.50	276.82	8.7485	2.4705	46.471

#1	.00169	-.00314	.00516	-.00165	-.00011	.23085	.15397	.00009
#2	-.00308	-.00133	.00493	.00102	.00022	.22177	.15082	.00026
#3	-.00212	-.00211	.00534	-.00144	-.00052	.26151	.15841	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	68.859	.00026	.00252	.00612	.37738	.52430	31.715
Stddev	.00003	.320	.00030	.00011	.00007	.09482	.00077	.151
%RSD	46.769	.46499	112.65	4.3341	1.0807	25.125	.14636	.47555

#1	-.00011	69.228	-.00008	.00263	.00615	.33290	.52502	31.788
#2	-.00006	68.659	.00039	.00251	.00605	.31298	.52439	31.542
#3	-.00005	68.690	.00047	.00242	.00617	.48626	.52349	31.816

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00447	.00040	455.78	.00008	.05251	5.0915	.00040	.06094
Stddev	.00027	.00014	6.57	.00048	.00391	.0262	.00027	.00591
%RSD	6.0427	34.867	1.4423	631.61	7.4513	.51467	68.527	9.7044

#1	.00469	.00042	462.43	.00062	.05587	5.0794	.00032	.06705
#2	.00456	.00052	455.64	-.00010	.04821	5.0735	.00070	.05525
#3	.00417	.00025	449.29	-.00029	.05343	5.1216	.00017	.06051

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5327	2.1975	.00001	.00736	.01716	.0010	.17680	5.0872
Stddev	.0394	.0248	.00076	.00335	.00378	.0002	.00118	.0699
%RSD	.41315	1.1275	10615.	45.442	22.047	22.32	.66807	1.3750

#1	9.5182	2.2253	.00041	.00358	.01955	.0011	.17684	5.0089
#2	9.5026	2.1775	-.00087	.00995	.01913	.0008	.17560	5.1092
#3	9.5772	2.1898	.00049	.00856	.01280	.0012	.17796	5.1435

Sample Name: K1238-30 Acquired: 1/25/2019 23:50:07 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S3 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 8.9339
Stddev .7319
%RSD 8.1920

#1 8.6978
#2 8.3493
#3 9.7547

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3136.8	37953.	3506.9	7.9379	3200.5
Stddev	8.9	132.	32.3	.5705	7.5
%RSD	.28431	.34778	.92114	7.1868	.23489

#1	3147.1	37864.	3472.6	7.4896	3208.9
#2	3132.4	38105.	3511.3	8.5800	3194.6
#3	3130.9	37891.	3536.7	7.7440	3197.8

Sample Name: K1238-40 Acquired: 1/25/2019 23:54:42 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00189	-.00396	.00375	.00341	-.00123	.10917	.15312	.00010
Stddev	.00258	.00141	.00040	.00252	.00231	.01078	.00102	.00007
%RSD	135.97	35.513	10.581	73.867	187.10	9.8763	.66752	67.033

#1	-.00112	-.00551	.00333	.00227	.00070	.12152	.15238	.00015
#2	-.00477	-.00276	.00411	.00166	-.00378	.10437	.15268	.00012
#3	.00020	-.00363	.00382	.00629	-.00062	.10163	.15428	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00013	93.258	-.00009	.00261	.00515	1.4149	1.5512	17.623
Stddev	.00003	.961	.00015	.00009	.00045	.1183	.0011	.074
%RSD	23.845	1.0302	161.29	3.5139	8.6463	8.3579	.07019	.41833

#1	-.00012	92.152	-.00024	.00251	.00473	1.4862	1.5503	17.677
#2	-.00016	93.892	-.00010	.00262	.00511	1.4802	1.5510	17.653
#3	-.00010	93.729	.00006	.00270	.00562	1.2784	1.5524	17.539

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00546	.00083	308.58	.00129	.04705	1.0787	.00036	.01115
Stddev	.00043	.00058	2.14	.00012	.00442	.0159	.00014	.00302
%RSD	7.9564	70.269	.69411	9.5152	9.3996	1.4698	40.395	27.077

#1	.00518	.00102	306.72	.00141	.04953	1.0607	.00040	.01456
#2	.00525	.00018	310.92	.00130	.04967	1.0849	.00020	.01005
#3	.00596	.00130	308.11	.00117	.04194	1.0905	.00048	.00883

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91202	4.5655	.00332	.00394	.01878	-.0018	.14313	5.1462
Stddev	.04885	.0827	.00039	.00261	.00257	.0003	.00033	.1222
%RSD	5.3567	1.8108	11.872	66.363	13.656	18.24	.23284	2.3745

#1	.89026	4.5239	.00313	.00114	.01605	-.0022	.14281	5.1440
#2	.96797	4.6608	.00377	.00632	.01916	-.0018	.14311	5.0252
#3	.87783	4.5120	.00305	.00435	.02114	-.0015	.14348	5.2695

Sample Name: K1238-40 Acquired: 1/25/2019 23:54:42 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: S4 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.1237
Stddev	.4905
%RSD	6.8858

#1	7.5732
#2	6.6005
#3	7.1973

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3180.0	38307.	3490.1	8.1693	3286.6
Stddev	15.7	82.	47.6	.7495	18.2
%RSD	.49353	.21345	1.3635	9.1743	.55343

#1	3196.0	38401.	3532.2	7.8083	3305.0
#2	3164.6	38274.	3438.4	7.6688	3268.6
#3	3179.5	38248.	3499.6	9.0310	3286.1

Sample Name: K1238-50 Acquired: 1/25/2019 23:59:17 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00079	-.00158	.00307	.00262	.00003	.14501	.14439	.00014
Stddev	.00245	.00161	.00114	.00255	.00158	.01710	.00329	.00007
%RSD	310.24	101.92	37.035	97.554	4547.3	11.795	2.2816	52.022

#1	-.00334	-.00340	.00420	.00346	-.00148	.12930	.14803	.00022
#2	-.00058	-.00036	.00310	.00464	.00167	.16323	.14350	.00007
#3	.00155	-.00097	.00192	-.00025	-.00008	.14249	.14163	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	67.422	.00010	.00225	.00312	.60097	.67092	17.113
Stddev	.00003	.413	.00055	.00011	.00032	.07819	.00097	.151
%RSD	39.222	.61245	538.66	4.6655	10.293	13.011	.14423	.88208

#1	-.00010	67.605	-.00028	.00213	.00296	.65685	.67022	16.983
#2	-.00004	67.712	.00073	.00229	.00292	.63444	.67051	17.076
#3	-.00010	66.949	-.00015	.00233	.00349	.51161	.67202	17.278

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00456	.00011	280.01	.00014	.05365	.97126	.00039	.01683
Stddev	.00041	.00008	3.86	.00026	.00372	.03537	.00031	.00442
%RSD	8.9231	74.091	1.3786	186.33	6.9275	3.6413	79.741	26.281

#1	.00415	.00002	283.66	.00019	.05573	1.0095	.00032	.01683
#2	.00496	.00017	280.41	-.00014	.05586	.93971	.00073	.01240
#3	.00457	.00014	275.97	.00038	.04936	.96457	.00012	.02125

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58304	2.7107	.00330	.00576	.01558	-.0026	.10964	4.7225
Stddev	.02228	.0103	.00059	.00098	.00043	.0002	.00084	.1413
%RSD	3.8212	.37809	18.011	17.051	2.7500	7.754	.76677	2.9922

#1	.56852	2.7068	.00367	.00566	.01512	-.0027	.10879	4.7405
#2	.60869	2.7223	.00361	.00678	.01565	-.0027	.10966	4.8539
#3	.57190	2.7030	.00261	.00483	.01597	-.0024	.11047	4.5730

Sample Name: K1238-50 Acquired: 1/25/2019 23:59:17 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: S5 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.5312
Stddev .5406
%RSD 7.1784

#1 6.9094
#2 7.8900
#3 7.7943

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3206.9	38901.	3527.9	7.6272	3325.3
Stddev	6.3	113.	23.5	.5034	6.5
%RSD	.19755	.28922	.66586	6.6007	.19633

#1	3200.8	38913.	3514.4	7.3230	3318.9
#2	3206.4	38783.	3514.3	7.3503	3325.1
#3	3213.5	39007.	3555.0	8.2083	3332.0

Sample Name: CCV13 Acquired: 1/26/2019 0:03:52 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0539	5.1402	5.1052	5.0179	5.1380	10.019	10.642	.25929
Stddev	.0347	.0317	.0220	.0508	.0424	.131	.066	.00081
%RSD	.68572	.61750	.43072	1.0127	.82591	1.3067	.62168	.31189
#1	5.0722	5.1593	5.1193	5.0476	5.1705	9.8680	10.715	.25839
#2	5.0755	5.1578	5.1165	5.0470	5.1535	10.102	10.623	.25950
#3	5.0139	5.1036	5.0799	4.9593	5.0900	10.086	10.587	.25997
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4970	26.759	1.0545	2.4948	1.2793	5.1538	2.6394	25.643
Stddev	.0163	.181	.0013	.0162	.0091	.5241	.0071	.145
%RSD	.65100	.67718	.12742	.65019	.71047	10.169	.26838	.56365
#1	2.5091	26.550	1.0554	2.5075	1.2869	4.6859	2.6312	25.529
#2	2.5034	26.873	1.0552	2.5004	1.2819	5.7201	2.6436	25.594
#3	2.4786	26.854	1.0530	2.4765	1.2692	5.0554	2.6433	25.805
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5070	1.3126	26.680	2.5147	2.6931	26.021	5.0796	5.1086
Stddev	.0150	.0016	.210	.0061	.2389	.151	.0388	.0271
%RSD	.59808	.12242	.78698	.24399	8.8719	.58065	.76450	.53105
#1	2.5144	1.3116	26.920	2.5081	2.4935	26.172	5.1042	5.1062
#2	2.5168	1.3118	26.532	2.5202	2.9579	26.020	5.0998	5.0828
#3	2.4897	1.3145	26.588	2.5158	2.6280	25.870	5.0349	5.1369
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9256	5.4851	5.0168	5.1891	F 5.5030	5.146	F 5.5139	F 4.4666
Stddev	.0524	.0325	.0242	.0187	.0337	.040	.0253	.0486
%RSD	1.0641	.59295	.48216	.36019	.61269	.7719	.45860	1.0888
#1	4.9486	5.5204	5.0343	5.1718	5.5397	5.156	5.5373	4.4861
#2	4.9626	5.4783	5.0270	5.1865	5.4959	5.179	5.5172	4.5025
#3	4.8656	5.4564	4.9892	5.2089	5.4733	5.102	5.4871	4.4112

Sample Name: CCV13 Acquired: 1/26/2019 0:03:52 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.7239
Stddev	.7295
%RSD	42.320

#1	.92490
#2	1.8922
#3	2.3546

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3302.8	40359.	3485.9	7.9882	3444.4
Stddev	12.0	89.	24.9	.6686	7.3
%RSD	.36276	.22128	.71487	8.3699	.21132

#1	3291.7	40430.	3457.2	8.5942	3437.3
#2	3301.3	40259.	3501.2	7.2709	3444.2
#3	3315.5	40389.	3499.3	8.0994	3451.8

Sample Name: CCB13 Acquired: 1/26/2019 0:07:54 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA7900 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.00012	-.00047	-.00294	.00132	.00936	F .02518
Stddev	.00111	.00298	.00058	.00083	.00184	.00521	.00570
%RSD	718.28	2530.7	124.01	28.227	139.45	55.618	22.639

#1	.00069	-.00350	-.00008	-.00290	.00337	.00571	.03035
#2	.00026	.00101	-.00019	-.00379	-.00018	.01532	.02610
#3	-.00141	.00214	-.00113	-.00213	.00077	.00705	.01907

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00003	-.00716	-.00035	-.00042	.00107	-.00107
Stddev	.00005	.00005	.03214	.00036	.00031	.00005	.01640
%RSD	117.40	136.66	448.67	104.34	72.506	4.8665	1527.0

#1	.00008	.00004	-.02416	-.00009	-.00071	.00101	-.01355
#2	.00006	.00008	-.02724	-.00019	-.00045	.00110	-.00718
#3	-.00001	-.00001	.02991	-.00076	-.00010	.00111	.01751

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.03849	.00098	.00065	.15054	-.00056	.00012
Stddev	.00002	.02231	.00008	.00037	.01354	.00047	.00006
%RSD	252.05	57.953	8.3456	56.296	8.9967	84.806	51.401

#1	.00003	.03436	.00095	.00038	.15688	-.00080	.00017
#2	-.00001	.01854	.00091	.00107	.15974	-.00001	.00014
#3	-.00000	.06258	.00107	.00050	.13499	-.00085	.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.14521	.00033	.01243	F .07054	.00330	.00060	.00495
Stddev	.05240	.00013	.00927	.02285	.00212	.00056	.00166
%RSD	36.089	40.354	74.526	32.392	64.192	92.366	33.549

#1	-.08602	.00028	.02293	.08666	.00266	.00121	.00559
#2	-.18569	.00049	.00900	.04439	.00565	.00011	.00306
#3	-.16392	.00024	.00538	.08057	.00157	.00050	.00619

Sample Name: CCB13 Acquired: 1/26/2019 0:07:54 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA7900 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00517	-.0048	.00037	F 2.5477	F<.00000
Stddev	.00209	.0004	.00008	.1183	.69600
%RSD	40.368	9.102	21.575	4.6446	47.221

#1	.00616	-.0046	.00043	2.5289	-1.1225
#2	.00278	-.0053	.00039	2.6743	-2.2756
#3	.00659	-.0044	.00028	2.4399	-1.0237

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3571.7	43335.	3521.1	8.3348	4016.5
Stddev	91.3	38.	69.7	.6059	105.0
%RSD	2.5556	.08798	1.9795	7.2696	2.6138

#1	3480.0	43344.	3479.9	8.3818	3913.8
#2	3572.6	43292.	3481.8	7.7068	4012.3
#3	3662.5	43367.	3601.5	8.9159	4123.6

Sample Name: K1242-01 Acquired: 1/26/2019 0:12:25 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-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	-.00505	-.00378	.02258	.00049	.01412	.03081	1.2522	.00014
Stddev	.00196	.00205	.00051	.00357	.00088	.00695	.0055	.00007
%RSD	38.738	54.201	2.2471	720.90	6.2146	22.545	.44001	49.362
#1	-.00509	-.00589	.02313	.00458	.01311	.03113	1.2509	.00012
#2	-.00307	-.00363	.02248	-.00111	.01451	.03758	1.2474	.00021
#3	-.00699	-.00180	.02212	-.00199	.01473	.02370	1.2582	.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00533	56.835	.01941	.00516	.00100	1.3913	1.1196	3.8133
Stddev	.00004	.105	.00043	.00014	.00035	.0319	.0013	.0505
%RSD	.73498	.18389	2.2223	2.7977	35.283	2.2945	.11140	1.3242
#1	.00529	56.716	.01891	.00502	.00117	1.3914	1.1204	3.8526
#2	.00532	56.912	.01965	.00514	.00060	1.4231	1.1203	3.8311
#3	.00537	56.876	.01967	.00531	.00124	1.3593	1.1182	3.7564
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00906	.00019	281.60	-.00023	F 51.349	1.9380	-.01365	.71148
Stddev	.00014	.00025	1.62	.00032	1.219	.0157	.00037	.01665
%RSD	1.5436	134.79	.57444	140.42	2.3737	.80910	2.6861	2.3407
#1	.00906	-.00010	279.78	.00004	51.758	1.9472	-.01405	.72965
#2	.00891	.00037	282.88	-.00014	52.311	1.9468	-.01334	.70783
#3	.00919	.00029	282.13	-.00058	49.979	1.9199	-.01356	.69695
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0453	1.4607	.00258	.00321	.01323	.0052	.30793	4.9970
Stddev	.0413	.0052	.00038	.00137	.00427	.0013	.00049	.2259
%RSD	1.3562	.35761	14.614	42.740	32.277	25.34	.16009	4.5209
#1	3.0197	1.4666	.00298	.00406	.00842	.0067	.30839	5.2361
#2	3.0930	1.4583	.00255	.00163	.01656	.0045	.30741	4.9679
#3	3.0233	1.4570	.00222	.00393	.01472	.0043	.30800	4.7871

Sample Name: K1242-01 Acquired: 1/26/2019 0:12:25 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	5.6978
Stddev	1.1865
%RSD	20.823

#1	5.4260
#2	6.9966
#3	4.6708

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3198.7	38622.	3459.3	9.2428	3324.6
Stddev	8.0	161.	12.4	.2384	10.4
%RSD	.25103	.41760	.35979	2.5796	.31320

#1	3190.0	38452.	3445.0	9.1345	3314.5
#2	3200.3	38643.	3466.1	9.0777	3324.0
#3	3205.8	38772.	3466.9	9.5162	3335.3

Sample Name: K1242-02 Acquired: 1/26/2019 0:17:16 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-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	-.00286	-.00430	.03712	.00011	.00856	.08150	.91489	.00008
Stddev	.00205	.00128	.00104	.00321	.00218	.00553	.00560	.00011
%RSD	71.686	29.720	2.7954	2880.8	25.497	6.7882	.61246	128.47

#1	-.00065	-.00440	.03623	-.00344	.01083	.07689	.92113	.00014
#2	-.00322	-.00553	.03826	.00281	.00838	.07998	.91028	.00016
#3	-.00471	-.00298	.03687	.00096	.00648	.08763	.91328	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03238	34.242	.02163	.01416	.00800	.04407	1.2854	3.4584
Stddev	.00016	.151	.00017	.00024	.00057	.04483	.0017	.0594
%RSD	.50726	.44163	.79541	1.7016	7.0964	101.72	.13330	1.7178

#1	.03221	34.109	.02163	.01443	.00738	-.00738	1.2836	3.3986
#2	.03241	34.407	.02146	.01399	.00849	.07472	1.2871	3.5174
#3	.03253	34.212	.02180	.01406	.00814	.06487	1.2856	3.4594

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01290	.00082	276.77	-.00035	34.021	4.4509	-.00676	.31795
Stddev	.00019	.00007	2.17	.00006	1.040	.0649	.00018	.00295
%RSD	1.5069	8.3990	.78299	17.719	3.0567	1.4582	2.6957	.92933

#1	.01301	.00090	279.10	-.00030	34.208	4.4273	-.00688	.32087
#2	.01268	.00077	274.81	-.00042	32.900	4.4011	-.00655	.31802
#3	.01302	.00079	276.41	-.00032	34.954	4.5243	-.00686	.31496

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9579	.84794	.00178	.00559	.00808	.0871	.31139	4.9331
Stddev	.0391	.00890	.00028	.00302	.00140	.0009	.00203	.1332
%RSD	1.9993	1.0495	15.905	54.017	17.333	1.017	.65178	2.6992

#1	1.9283	.84878	.00209	.00217	.00854	.0868	.31316	5.0462
#2	2.0023	.83865	.00152	.00671	.00650	.0863	.30917	4.9669
#3	1.9432	.85639	.00174	.00790	.00918	.0881	.31182	4.7864

Sample Name: K1242-02 Acquired: 1/26/2019 0:17:16 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.7298
Stddev .5850
%RSD 8.6932

#1 6.7250
#2 6.1472
#3 7.3172

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3211.6	38842.	3469.1	8.2261	3356.2
Stddev	13.4	25.	25.2	.3271	16.2
%RSD	.41669	.06472	.72683	3.9760	.48184

#1	3196.6	38833.	3449.7	8.1328	3337.9
#2	3216.0	38871.	3497.6	8.5897	3362.0
#3	3222.2	38823.	3460.0	7.9559	3368.7

Sample Name: K1242-03 Acquired: 1/26/2019 0:21:58 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-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	-.00360	-.00186	.15288	.00145	.00934	.13695	1.7575	.00010
Stddev	.00178	.00072	.00045	.00192	.00149	.01579	.0052	.00003
%RSD	49.586	38.923	.29589	132.84	15.962	11.527	.29640	27.356
#1	-.00545	-.00143	.15253	.00287	.00780	.11873	1.7515	.00012
#2	-.00190	-.00145	.15271	-.00074	.01078	.14650	1.7606	.00009
#3	-.00344	-.00269	.15339	.00221	.00942	.14562	1.7604	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11330	9.7530	.10677	.00455	.01236	.86333	.28212	1.2803
Stddev	.00020	.0971	.00034	.00012	.00026	.01206	.00102	.0523
%RSD	.17260	.99595	.31850	2.5554	2.0710	1.3966	.36151	4.0875
#1	.11351	9.6600	.10713	.00453	.01208	.87224	.28303	1.2506
#2	.11313	9.7452	.10645	.00468	.01258	.84961	.28102	1.2496
#3	.11325	9.8538	.10673	.00445	.01242	.86814	.28232	1.3407
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00647	.00078	325.28	.00021	F 38.213	1.4373	-.00717	.39756
Stddev	.00027	.00036	5.50	.00044	1.838	.0141	.00002	.00291
%RSD	4.1813	46.473	1.6911	212.22	4.8106	.98463	.31593	.73234
#1	.00616	.00048	321.36	.00016	37.485	1.4260	-.00718	.40092
#2	.00666	.00118	331.56	.00067	36.851	1.4328	-.00714	.39601
#3	.00659	.00068	322.90	-.00020	40.304	1.4532	-.00718	.39575
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9088	.38714	.00254	.01116	.00944	.0436	.13378	4.8838
Stddev	.0387	.00510	.00025	.00342	.00173	.0008	.00071	.1329
%RSD	2.0295	1.3161	9.6911	30.687	18.326	1.862	.52846	2.7215
#1	1.9041	.38415	.00270	.00721	.00751	.0443	.13354	4.8916
#2	1.9497	.39302	.00266	.01328	.01084	.0437	.13322	4.7471
#3	1.8727	.38424	.00226	.01299	.00998	.0427	.13457	5.0126

Sample Name: K1242-03 Acquired: 1/26/2019 0:21:58 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-SET-3 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.5282
Stddev	.3064
%RSD	8.6848

#1	3.8124
#2	3.5686
#3	3.2036

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3233.7	39048.	3508.1	8.0576	3377.4
Stddev	4.3	216.	27.5	.3558	.9
%RSD	.13411	.55385	.78338	4.4159	.02754

#1	3236.1	38811.	3520.7	8.1795	3378.4
#2	3228.7	39234.	3476.5	8.3364	3376.6
#3	3236.3	39100.	3526.9	7.6568	3377.1

Sample Name: K1242-04 Acquired: 1/26/2019 0:26:40 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-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	-.00466	-.00303	.06585	-.00001	.01684	.09918	1.0090	.00024
Stddev	.00106	.00163	.00106	.00110	.00419	.00592	.0070	.00009
%RSD	22.813	53.884	1.6099	11247.	24.891	5.9710	.69178	38.735
#1	-.00540	-.00119	.06684	-.00128	.01202	.10003	1.0163	.00022
#2	-.00513	-.00358	.06599	.00057	.01890	.10464	1.0084	.00034
#3	-.00344	-.00431	.06473	.00068	.01961	.09289	1.0024	.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03505	42.381	.77506	.00859	.00148	1.5786	1.2117	3.7379
Stddev	.00008	.213	.00501	.00014	.00056	.1357	.0031	.0641
%RSD	.22004	.50268	.64696	1.6048	37.993	8.5980	.25715	1.7143
#1	.03498	42.373	.77955	.00843	.00125	1.4270	1.2111	3.7415
#2	.03513	42.599	.77599	.00867	.00107	1.6198	1.2151	3.8000
#3	.03504	42.173	.76965	.00867	.00213	1.6889	1.2089	3.6720
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00765	.00083	322.90	.00004	F 69.172	3.9807	-.01497	.60827
Stddev	.00056	.00059	3.08	.00029	6.475	.0316	.00037	.00189
%RSD	7.2744	71.633	.95281	727.10	9.3606	.79286	2.4528	.31147
#1	.00739	.00019	325.33	.00000	62.006	4.0136	-.01469	.60771
#2	.00728	.00136	319.44	-.00023	70.909	3.9779	-.01483	.61038
#3	.00829	.00093	323.92	.00035	74.601	3.9507	-.01538	.60671
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5186	1.0324	.00205	.00632	.01327	.0206	.18858	4.6529
Stddev	.0393	.0114	.00053	.00365	.00050	.0010	.00063	.2485
%RSD	.71196	1.1082	25.789	57.811	3.7615	4.949	.33490	5.3413
#1	5.5597	1.0451	.00263	.00226	.01358	.0218	.18867	4.6187
#2	5.4814	1.0292	.00160	.00934	.01352	.0203	.18915	4.9168
#3	5.5147	1.0229	.00191	.00736	.01269	.0198	.18790	4.4233

Sample Name: K1242-04 Acquired: 1/26/2019 0:26:40 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-4 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.4338
Stddev	.9478
%RSD	21.376

#1	3.8720
#2	3.9014
#3	5.5281

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3188.7	38663.	3437.8	7.2227	3299.4
Stddev	2.3	171.	12.8	.6666	2.6
%RSD	.07081	.44300	.37099	9.2299	.07957

#1	3186.6	38637.	3423.1	7.9864	3296.5
#2	3188.5	38506.	3445.7	6.9250	3301.6
#3	3191.1	38845.	3444.7	6.7568	3300.0

Sample Name: K1242-05 Acquired: 1/26/2019 0:31:30 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-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	-.00242	-.00097	.02795	.00098	.01507	.07795	1.0747	.00050
Stddev	.00303	.00078	.00043	.00410	.00113	.01094	.0186	.00002
%RSD	125.12	80.362	1.5496	418.07	7.5125	14.029	1.7314	3.8572
#1	.00061	-.00111	.02844	.00484	.01607	.07049	1.0566	.00052
#2	-.00241	-.00013	.02782	.00143	.01529	.09051	1.0737	.00049
#3	-.00545	-.00166	.02760	-.00333	.01384	.07286	1.0937	.00049
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02848	21.546	.04934	.00735	.00183	2.1129	.91292	2.3572
Stddev	.00004	.417	.00067	.00012	.00041	.3059	.00161	.0502
%RSD	.14400	1.9334	1.3570	1.5792	22.513	14.476	.17658	2.1300
#1	.02851	21.170	.04859	.00743	.00200	1.7639	.91244	2.3001
#2	.02844	21.474	.04986	.00722	.00136	2.2404	.91472	2.3769
#3	.02851	21.994	.04958	.00742	.00214	2.3344	.91161	2.3945
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00996	.00078	275.70	-.00061	F 47.318	1.3221	-.01120	.53427
Stddev	.00040	.00021	3.87	.00032	6.029	.0163	.00029	.01008
%RSD	3.9724	26.729	1.4036	51.817	12.742	1.2314	2.5547	1.8870
#1	.00962	.00061	273.64	-.00069	40.453	1.3296	-.01088	.52308
#2	.01039	.00101	273.29	-.00026	49.750	1.3333	-.01142	.54265
#3	.00987	.00071	280.16	-.00087	51.752	1.3034	-.01130	.53707
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4148	1.1509	.00215	.00558	.00936	.0028	.24502	4.3992
Stddev	.0547	.0285	.00046	.00319	.00246	.0007	.00284	.1137
%RSD	2.2636	2.4722	21.272	57.220	26.269	26.54	1.1586	2.5848
#1	2.3531	1.1353	.00168	.00204	.00752	.0034	.24267	4.3955
#2	2.4572	1.1336	.00217	.00825	.00840	.0019	.24421	4.5147
#3	2.4341	1.1837	.00260	.00644	.01215	.0030	.24817	4.2873

Sample Name: K1242-05 Acquired: 1/26/2019 0:31:30 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-SET-5 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.7746
Stddev	1.3691
%RSD	77.149

#1	.32728
#2	3.0490
#3	1.9474

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3271.5	39184.	3501.0	9.0962	3416.6
Stddev	17.7	109.	58.9	1.2927	20.7
%RSD	.53960	.27886	1.6823	14.211	.60697

#1	3279.1	39248.	3538.6	10.573	3423.6
#2	3284.1	39057.	3531.2	8.5477	3432.9
#3	3251.3	39245.	3433.1	8.1682	3393.3

Sample Name: K1242-06 Acquired: 1/26/2019 0:36:21 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-OILY-ST Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00433	-.00255	.00138	-.00089	.00174	.21487	.24485	.00003
Stddev	.00050	.00267	.00017	.00180	.00207	.00720	.00719	.00005
%RSD	11.627	104.52	12.592	202.06	118.90	3.3490	2.9360	167.21

#1	-.00487	.00007	.00149	.00029	.00408	.20741	.24856	.00003
#2	-.00422	-.00245	.00147	-.00296	.00013	.22178	.23656	.00008
#3	-.00388	-.00526	.00118	-.00000	.00102	.21541	.24942	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	2.5009	.00110	-.00006	.00217	.34624	.01807	.29236
Stddev	.00004	.0135	.00052	.00003	.00039	.02845	.00007	.05142
%RSD	707.00	.53942	47.718	51.983	17.885	8.2160	.40240	17.588

#1	-.00005	2.5000	.00066	-.00003	.00258	.37378	.01815	.35088
#2	.00001	2.4878	.00168	-.00007	.00181	.34797	.01801	.25441
#3	.00003	2.5148	.00095	-.00009	.00213	.31697	.01805	.27179

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00400	.00069	292.28	.00009	.10085	.69407	.00018	.05865
Stddev	.00046	.00052	4.38	.00040	.00932	.02792	.00026	.00086
%RSD	11.567	76.124	1.4974	453.10	9.2418	4.0231	143.88	1.4646

#1	.00363	.00016	295.64	-.00027	.11142	.67460	-.00009	.05788
#2	.00451	.00121	287.33	.00052	.09733	.68155	.00021	.05958
#3	.00385	.00069	293.86	.00001	.09380	.72607	.00042	.05850

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27408	.52353	.00217	.00527	.00918	-.0002	.00912	4.6405
Stddev	.03239	.00432	.00076	.00280	.00061	.0007	.00011	.1720
%RSD	11.819	.82563	34.901	53.181	6.6773	390.0	1.2324	3.7057

#1	.23969	.52795	.00252	.00307	.00881	.0003	.00900	4.6668
#2	.27852	.51932	.00269	.00430	.00884	-.0010	.00922	4.7977
#3	.30402	.52331	.00130	.00842	.00989	.0001	.00913	4.4569

Sample Name: K1242-06 Acquired: 1/26/2019 0:36:21 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-OILY-ST Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.3384
 Stddev .4738
 %RSD 20.261

#1 2.3393
 #2 2.8117
 #3 1.8642

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3255.2	39056.	3480.0	7.9015	3405.5
Stddev	10.1	69.	36.1	.6657	9.2
%RSD	.30883	.17597	1.0365	8.4256	.26969

#1	3265.6	38977.	3442.1	7.1477	3415.9
#2	3245.5	39101.	3513.8	8.1477	3402.1
#3	3254.4	39091.	3484.1	8.4091	3398.5

Sample Name: K1237-01DLX10 Acquired: 1/26/2019 0:40:58 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7898 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03689	-.00406	.02219	-.00634	.00032	.96778	.04274
Stddev	.00165	.00134	.00143	.00083	.00291	.00635	.00333
%RSD	4.4774	33.137	6.4666	13.128	901.93	.65595	7.7814

#1	.03511	-.00494	.02334	-.00539	.00236	.96228	.04257
#2	.03838	-.00251	.02058	-.00674	-.00301	.96634	.04615
#3	.03718	-.00472	.02263	-.00690	.00162	.97473	.03951

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00040	697.21	.00019	.00001	.01082	11.325
Stddev	.00002	.00029	2.43	.00028	.00018	.00041	1.338
%RSD	7.9444	72.560	.34784	153.39	2256.3	3.8343	11.810

#1	.00021	-.00072	695.01	-.00011	-.00007	.01037	12.856
#2	.00021	-.00016	696.80	.00045	-.00012	.01091	10.385
#3	.00018	-.00032	699.81	.00022	.00022	.01118	10.735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0621	170.52	.00174	-.00024	.70056	.00487	.09456
Stddev	.0075	1.21	.00015	.00078	.00460	.00028	.01147
%RSD	.36437	.70930	8.6940	323.46	.65683	5.7639	12.133

#1	2.0537	169.24	.00162	.00065	.70551	.00494	.10777
#2	2.0645	170.68	.00191	-.00083	.69641	.00510	.08704
#3	2.0682	171.65	.00170	-.00054	.69976	.00455	.08888

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07746	.00024	-.00451	2.0587	.15936	.00480	.01722
Stddev	.01403	.00026	.01009	.0677	.00207	.00062	.00272
%RSD	18.116	110.36	223.89	3.2868	1.2972	12.962	15.796

#1	.07869	.00006	.00502	2.1361	.15709	.00422	.01723
#2	.06285	.00011	-.01507	2.0298	.15987	.00546	.01994
#3	.09084	.00054	-.00346	2.0103	.16113	.00470	.01450

Sample Name: K1237-01DLX10 Acquired: 1/26/2019 0:40:58 Type: Unk
Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB7898 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07761	.0640	2.1725	5.8647	F<.00000
Stddev	.00370	.0012	.0043	.1279	1.0880
%RSD	4.7691	1.809	.20031	2.1808	54.327

#1	.08097	.0632	2.1677	5.7173	-1.3225
#2	.07822	.0653	2.1737	5.9300	-1.4280
#3	.07364	.0634	2.1762	5.9468	-3.2575

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3041.8	37060.	3366.8	7.5362	3000.8
Stddev	.8	84.	12.0	.8287	4.7
%RSD	.02482	.22589	.35503	10.997	.15713

#1	3041.4	37153.	3372.0	6.5829	2995.9
#2	3042.7	37037.	3353.1	8.0848	3005.3
#3	3041.4	36990.	3375.2	7.9409	3001.2

Sample Name: CCV14 Acquired: 1/26/2019 0:45:23 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14497 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0681	5.2013	5.1638	5.0607	5.1788	10.358	F 11.101	.26734
Stddev	.1607	.1671	.1776	.1482	.1544	.033	.145	.00093
%RSD	3.1700	3.2133	3.4400	2.9279	2.9809	.31387	1.3106	.34671
#1	5.1845	5.3176	5.2810	5.1643	5.2878	10.363	11.009	.26674
#2	5.1350	5.2766	5.2509	5.1267	5.2464	10.388	11.024	.26841
#3	4.8848	5.0098	4.9594	4.8910	5.0021	10.323	11.269	.26688
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5238	F 27.797	1.0840	2.5219	1.2853	5.2273	2.7067	26.497
Stddev	.0875	.185	.0028	.0884	.0374	.8533	.0004	.181
%RSD	3.4666	.66731	.26212	3.5064	2.9140	16.324	.01283	.68205
#1	2.5832	27.588	1.0849	2.5810	1.3130	5.9796	2.7071	26.408
#2	2.5648	27.863	1.0808	2.5646	1.3002	4.3001	2.7064	26.378
#3	2.4234	27.941	1.0863	2.4203	1.2427	5.4022	2.7066	26.705
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5390	1.3513	F 27.838	2.5915	2.7497	27.204	5.1081	5.3214
Stddev	.0894	.0014	.262	.0051	.4898	.318	.1497	.0510
%RSD	3.5218	.10157	.94209	.19754	17.811	1.1681	2.9314	.95808
#1	2.5972	1.3528	27.703	2.5955	3.1901	26.983	5.2193	5.2663
#2	2.5838	1.3501	27.670	2.5857	2.2223	27.060	5.1672	5.3311
#3	2.4361	1.3509	28.140	2.5933	2.8368	27.568	4.9378	5.3669
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9759	F 5.6472	5.0979	5.3542	F 5.7098	5.217	F 5.7191	4.7840
Stddev	.2218	.0611	.1676	.0417	.0606	.173	.0679	.0582
%RSD	4.4577	1.0811	3.2878	.77925	1.0620	3.309	1.1878	1.2171
#1	5.1559	5.6348	5.2132	5.3274	5.6735	5.343	5.6715	4.8511
#2	5.0438	5.5933	5.1748	5.3329	5.6761	5.288	5.6889	4.7537
#3	4.7281	5.7135	4.9056	5.4022	5.7798	5.020	5.7969	4.7471

Sample Name: CCV14 Acquired: 1/26/2019 0:45:23 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14497 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.8655
Stddev	.4666
%RSD	25.009

#1	1.3279
#2	2.1637
#3	2.1051

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3297.3	39624.	3414.3	7.9574	3413.0
Stddev	78.6	123.	34.6	1.4929	99.2
%RSD	2.3844	.31165	1.0126	18.761	2.9061

#1	3244.6	39482.	3430.7	6.7523	3351.7
#2	3259.6	39707.	3437.6	9.6274	3359.8
#3	3387.7	39682.	3374.6	7.4926	3527.4

Sample Name: CCB14 Acquired: 1/26/2019 0:49:25 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14497 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	.00017	-.00015	.00030	.00264	.00250	.02201
Stddev	.00153	.00062	.00012	.00260	.00031	.01245	.00326
%RSD	92.883	357.79	83.157	876.69	11.745	497.89	14.800

#1	-.00249	-.00035	-.00001	-.00260	.00275	-.00559	.01855
#2	-.00257	.00001	-.00018	.00244	.00289	-.00375	.02246
#3	.00012	.00086	-.00025	.00106	.00229	.01684	.02502

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00006	-.00821	-.00032	-.00038	.00110	-.00701
Stddev	.00011	.00004	.01261	.00015	.00007	.00027	.02979
%RSD	132.60	77.368	153.54	46.953	17.407	24.822	424.73

#1	.00002	.00003	-.00862	-.00017	-.00031	.00083	-.03446
#2	.00020	.00010	.00459	-.00048	-.00041	.00138	-.01125
#3	.00002	.00003	-.02062	-.00032	-.00043	.00110	.02467

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.03185	.00084	.00040	.11150	.00001	.00066
Stddev	.00006	.02033	.00053	.00040	.00807	.00040	.00012
%RSD	839.13	63.847	63.901	101.38	7.2386	6239.9	17.892

#1	-.00004	-.04828	.00052	-.00006	.10973	-.00038	.00069
#2	.00008	-.00911	.00054	.00058	.10446	-.00002	.00076
#3	-.00002	-.03815	.00145	.00068	.12031	.00042	.00053

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.15672	.00020	.00380	F .06578	.00448	.00045	.00490
Stddev	.02781	.00015	.00438	.02492	.00204	.00007	.00281
%RSD	17.745	77.623	115.22	37.882	45.451	16.189	57.294

#1	-.16400	.00027	.00671	.04690	.00667	.00039	.00810
#2	-.18017	.00029	-.00124	.05642	.00264	.00044	.00288
#3	-.12599	.00002	.00594	.09403	.00414	.00053	.00372

Sample Name: CCB14 Acquired: 1/26/2019 0:49:25 Type: Unk
 Method: P4-ICP2(v2780) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14497 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00699	-.0041	.00028	F 2.5855	F<.00000
Stddev	.00018	.0004	.00013	.0451	.78079
%RSD	2.5166	10.72	45.555	1.7444	109.35

#1	.00680	-.0041	.00034	2.5947	-.00968
#2	.00715	-.0036	.00013	2.5365	-1.5536
#3	.00701	-.0045	.00036	2.6253	-.57877

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3524.3	43232.	3528.6	8.0409	3976.6
Stddev	88.8	237.	12.5	.6414	96.4
%RSD	2.5203	.54723	.35379	7.9764	2.4238

#1	3475.3	42994.	3525.0	7.9386	3920.2
#2	3470.8	43467.	3518.3	7.4568	3921.7
#3	3626.9	43236.	3542.5	8.7273	4087.9