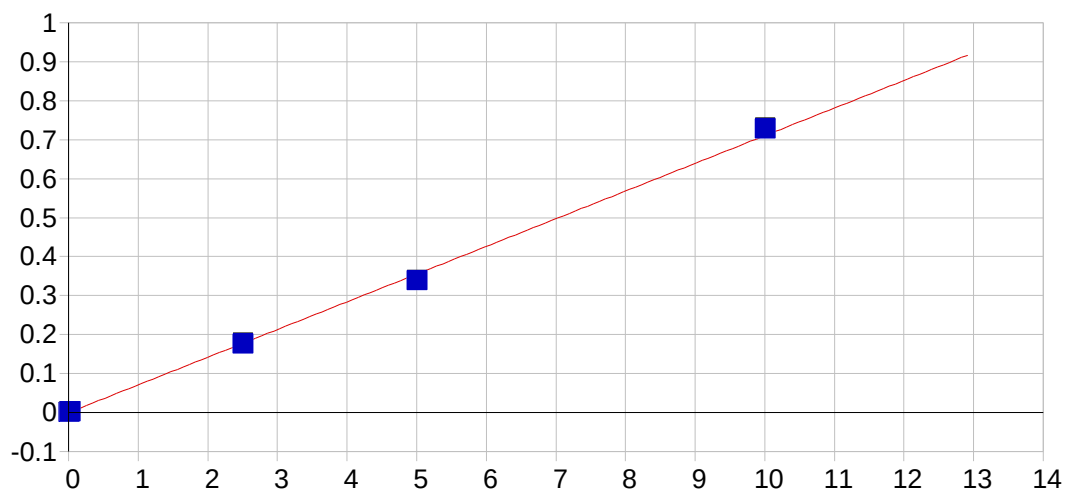


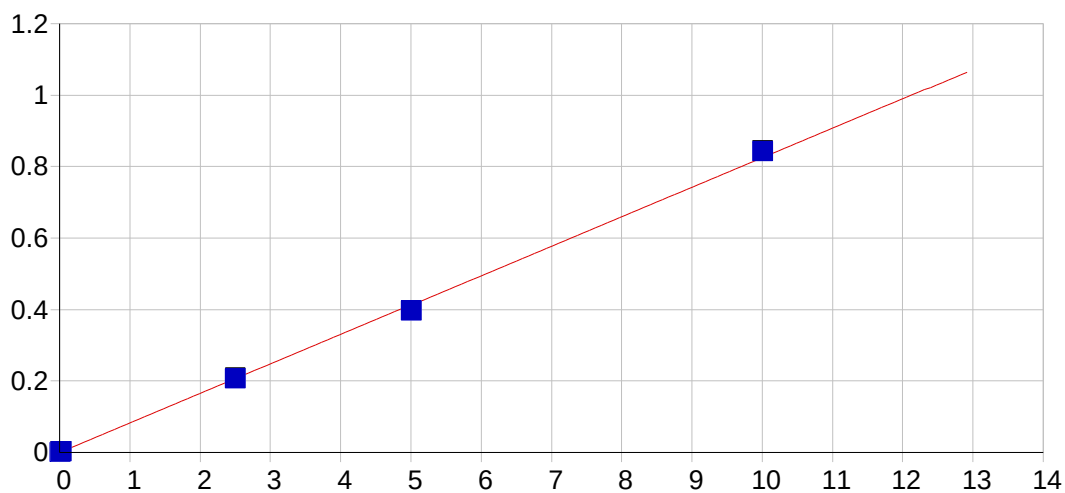


As 189.042 {478}

Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000 Re-Slope: 1.000000
 A1 (Gain): 0.071016 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999523 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.004291
 Predicted MQL: 0.014304

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.02000	.02019	.000	.954	.00143	.000	1
S3	2.5000	2.4873	-.013	-.508	.17663	.001	1
S4	5.0000	4.7686	-.231	-4.63	.33862	.000	1
S5	10.000	10.244	.244	2.44	.72743	.001	1



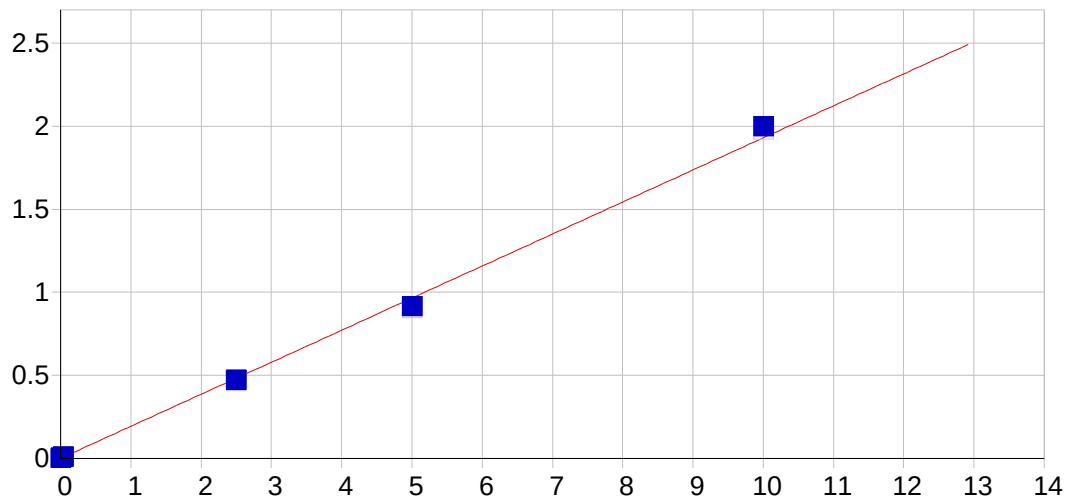
As 189.042 {479}

Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000344 Re-Slope: 1.000000

A1 (Gain): 0.082418 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999613 Status: OK.
 Std Error of Est: 0.000055
 Predicted MDL: 0.003061
 Predicted MQL: 0.010204

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00034	.000	1
S1	.02000	.02096	.001	4.78	.00207	.000	1
S3	2.5000	2.4991	-.001	-.036	.20632	.001	1
S4	5.0000	4.7877	-.212	-4.25	.39495	.001	1
S5	10.000	10.212	.212	2.12	.84203	.002	1

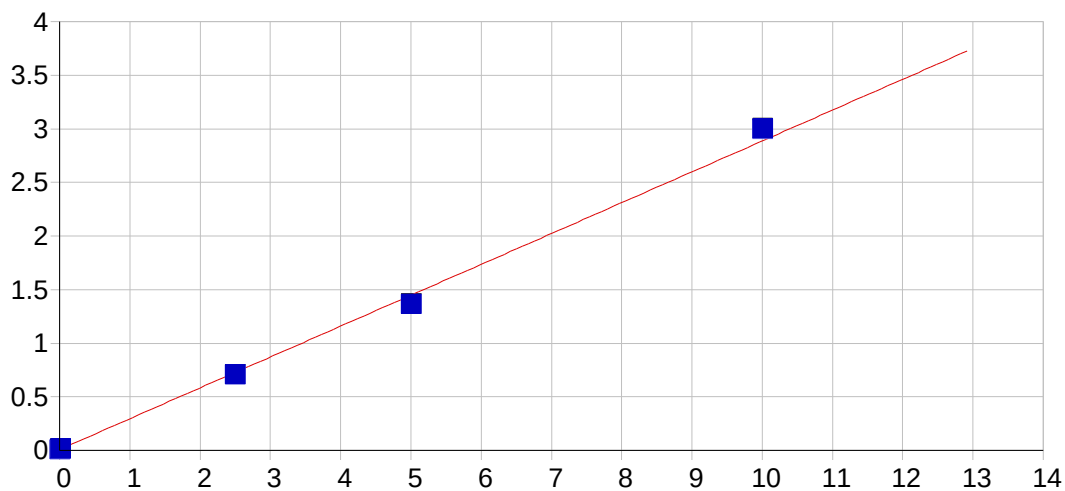


TI 190.856 {477}

Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000642 Re-Slope: 1.000000
 A1 (Gain): 0.192871 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999171 Status: OK.
 Std Error of Est: 0.000266
 Predicted MDL: 0.001416
 Predicted MQL: 0.004722

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00064	.000	1
S1	.04000	.04186	.002	4.65	.00851	.000	1
S3	2.5000	2.4285	-.071	-2.86	.46409	.001	1
S4	5.0000	4.7283	-.272	-5.43	.90271	.001	1
S5	10.000	10.341	.341	3.41	1.9754	.002	1

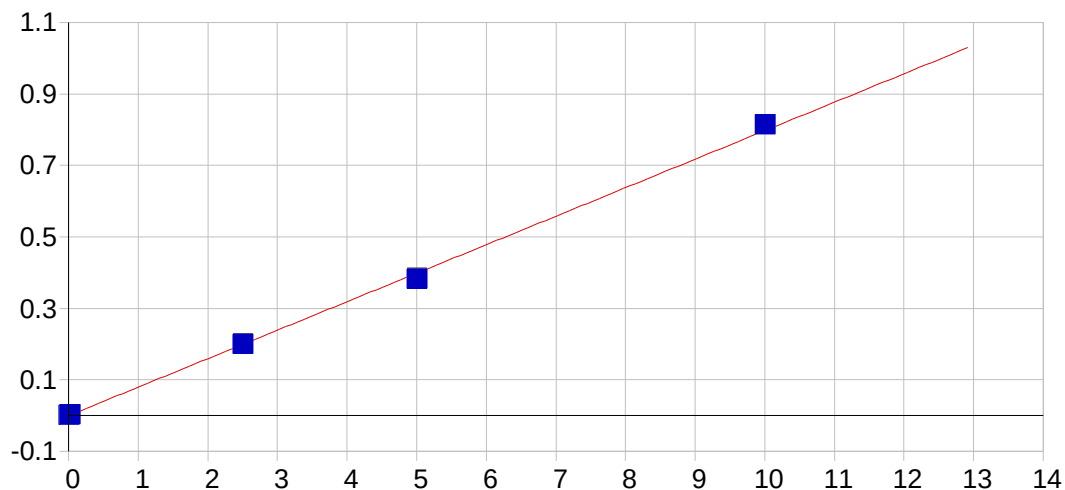


Pb 220.353 {453}

Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007758 Re-Slope: 1.000000
 A1 (Gain): 0.287845 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998998 Status: OK.
 Std Error of Est: 0.000241
 Predicted MDL: 0.001354
 Predicted MQL: 0.004513

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00776	.000	1
S1	.01200	.01322	.001	10.1	.01150	.000	1
S3	2.5000	2.4203	-.080	-3.19	.70344	.002	1
S4	5.0000	4.6998	-.300	-6.00	1.3586	.006	1
S5	10.000	10.379	.379	3.79	2.9913	.007	1



Se 196.090 {472}

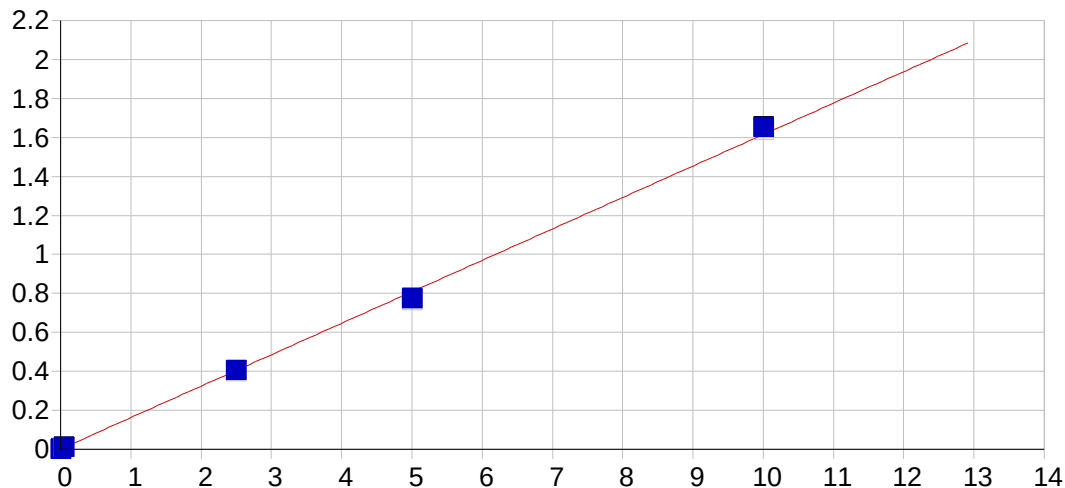
Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000243 Re-Slope: 1.000000
 A1 (Gain): 0.079732 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999638
 Std Error of Est: 0.000052
 Predicted MDL: 0.003857
 Predicted MQL: 0.012858

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00024	.000	1
S1	.02000	.02308	.003	15.4	.00160	.000	1
S3	2.5000	2.4992	-.001	-.030	.19898	.001	1
S4	5.0000	4.7976	-.202	-4.05	.38219	.002	1
S5	10.000	10.200	.200	2.00	.81285	.000	1



Sb 206.833 {463}

Date of Fit: 6/25/2019 10:37:01

Type of Fit: Linear

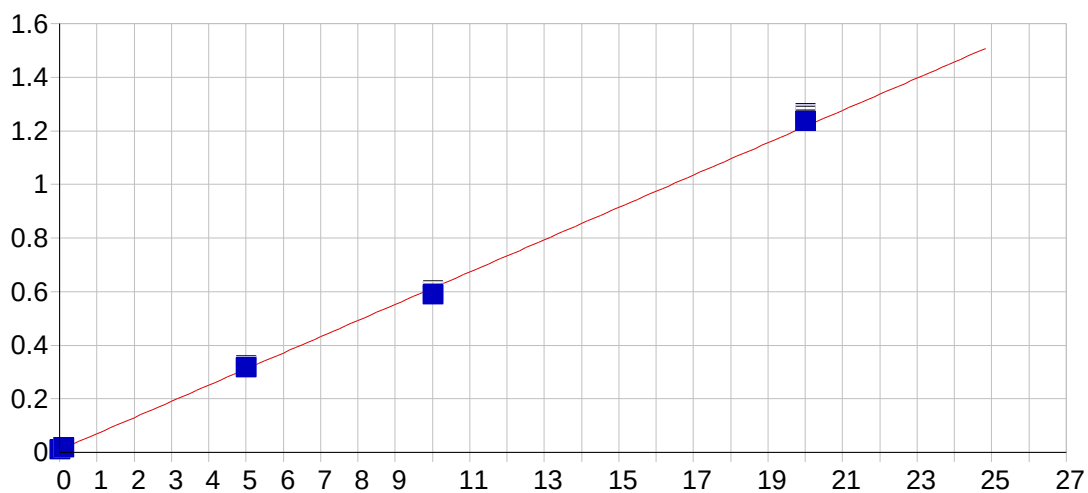
Weighting: 1/Conc

A0 (Offset): 0.001427
 A1 (Gain): 0.161340
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999522
 Std Error of Est: 0.000189
 Predicted MDL: 0.002374
 Predicted MQL: 0.007913

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	.00143	.001	1
S1	.05000	.05730	.007	14.6	.01047	.000	1
S3	2.5000	2.4852	-.015	-.593	.39785	.002	1
S4	5.0000	4.7771	-.223	-4.46	.76309	.002	1
S5	10.000	10.231	.231	2.31	1.6339	.002	1

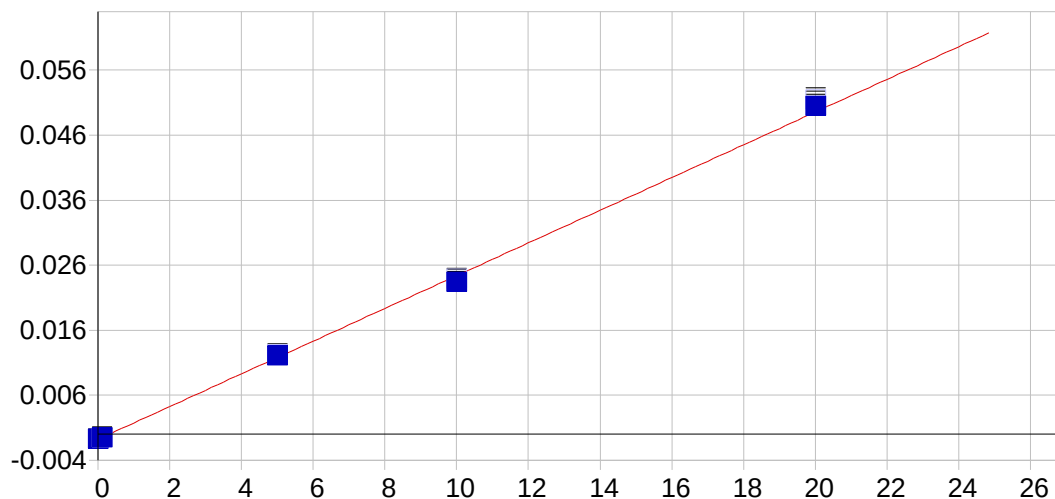


AI 308.215 {109}

Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.009264 Re-Slope: 1.000000
 A1 (Gain): 0.060323 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999613 Status: OK.
 Std Error of Est: 0.000131
 Predicted MDL: 0.003567
 Predicted MQL: 0.011891

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00926	.000	1
S1	.10000	.12511	.025	25.1	.01723	.000	1
S3	5.0000	5.0677	.068	1.35	.32097	.002	1
S4	10.000	9.5969	-.403	-4.03	.60019	.001	1
S5	20.000	20.309	.309	1.55	1.2584	.005	1



AI 309.271 {109}

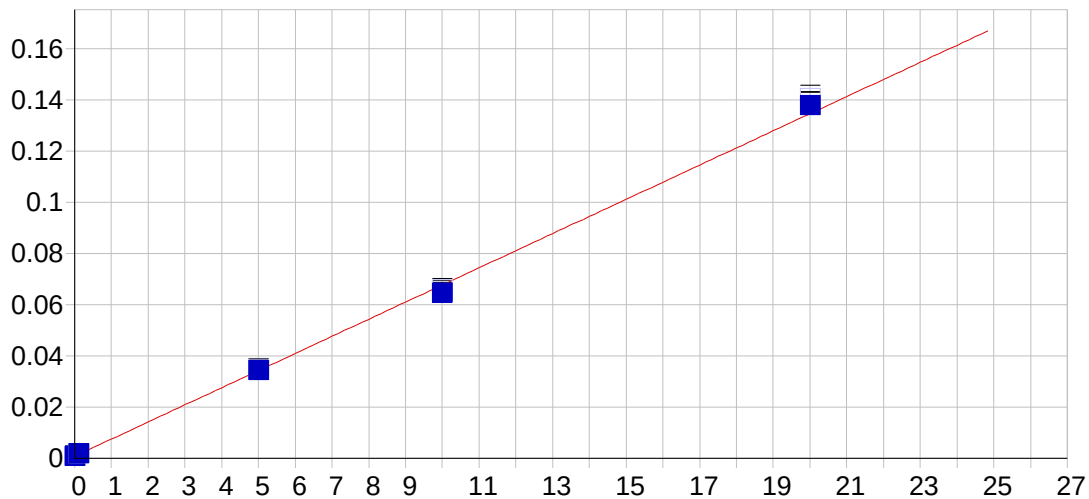
Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000770 Re-Slope: 1.000000
 A1 (Gain): 0.002516 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999590
 Std Error of Est: 0.000006
 Predicted MDL: 0.049072
 Predicted MQL: 0.163574

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00077	.000	1
S1	.10000	.07621	-.024	-23.8	-.00056	.000	1
S3	5.0000	5.0742	.074	1.48	.01225	.000	1
S4	10.000	9.5913	-.409	-4.09	.02386	.000	1
S5	20.000	20.360	.360	1.80	.05146	.000	1

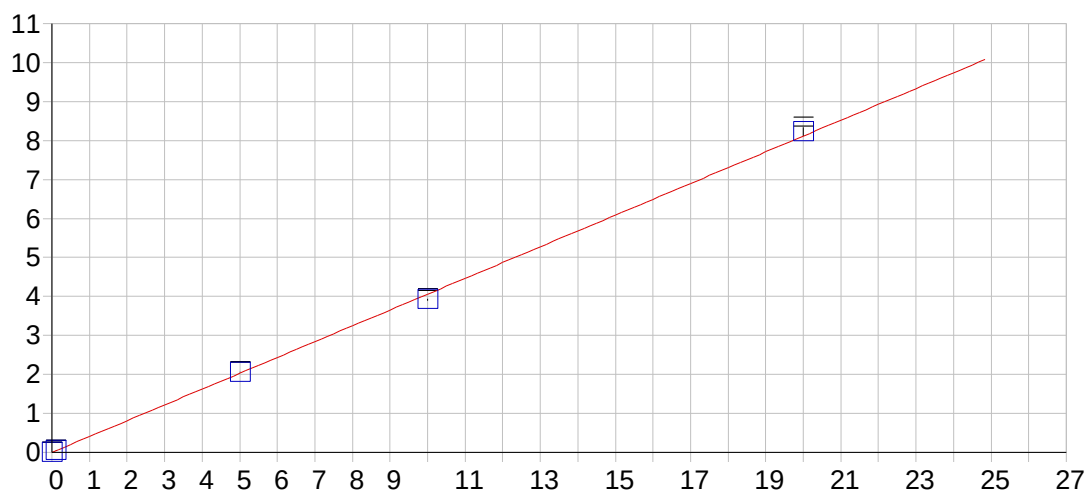


AI 396.152 { 85}

Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000820 Re-Slope: 1.000000
 A1 (Gain): 0.006686 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999458 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.028172
 Predicted MQL: 0.093907

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00082	.000	1
S1	.10000	.12272	.023	22.7	.00169	.000	1
S3	5.0000	4.9821	-.018	-.358	.03479	.000	1
S4	10.000	9.5192	-.481	-4.81	.06579	.000	1
S5	20.000	20.475	.475	2.37	.14037	.001	1

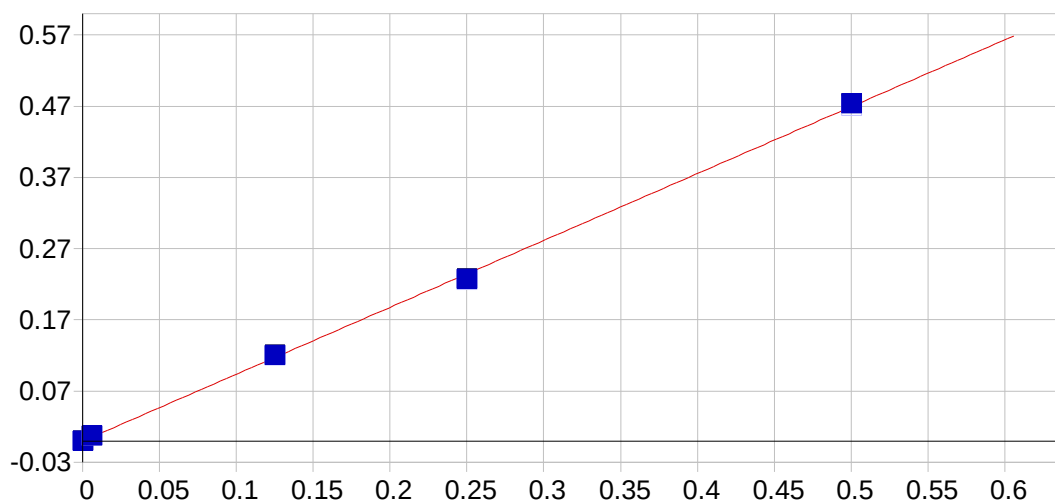


Ba 493.409 { 68}

Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000721 Re-Slope: 1.000000
 A1 (Gain): 0.405726 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999723 Status: OK.
 Std Error of Est: 0.000731
 Predicted MDL: 0.000881
 Predicted MQL: 0.002937

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00071	.000	1
S1	.10000	.11725	.017	17.3	.04829	.000	1
S3	5.0000	5.0634	.063	1.27	2.0551	.007	1
S5	20.000	20.267	.267	1.34	8.2237	.115	1
S4	10.000	9.6519	-.348	-3.48	3.9167	.018	1



Be 234.861 {144}

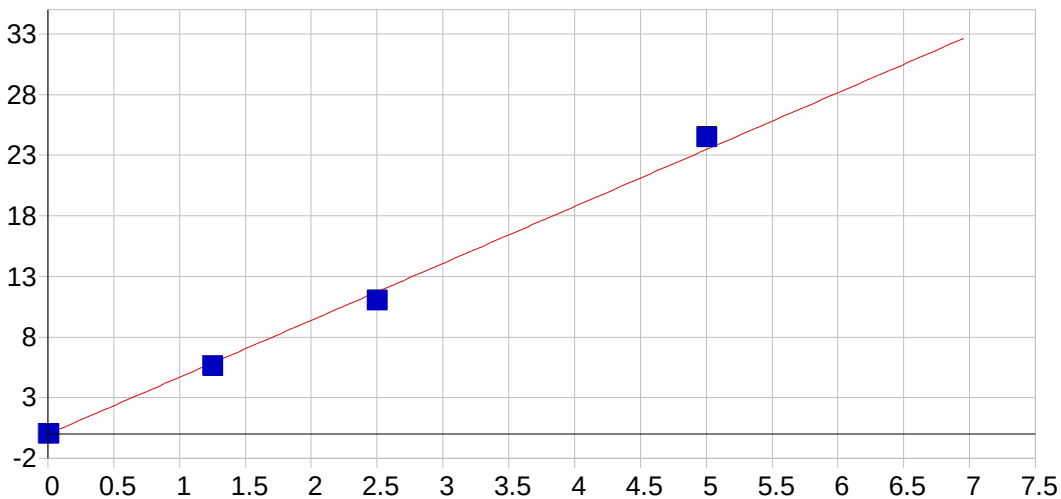
Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000325 Re-Slope: 1.000000
 A1 (Gain): 0.939499 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999642
 Std Error of Est: 0.000074
 Predicted MDL: 0.000118
 Predicted MQL: 0.000394

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00033	.000	1
S1	.00600	.00726	.001	21.0	.00643	.000	1
S3	.12500	.12795	.003	2.36	.11914	.000	1
S4	.25000	.24193	-.008	-3.23	.22549	.000	1
S5	.50000	.50387	.004	.775	.47011	.001	1



Cd 226.502 {449}

Date of Fit: 6/25/2019 10:37:01

Type of Fit: Linear

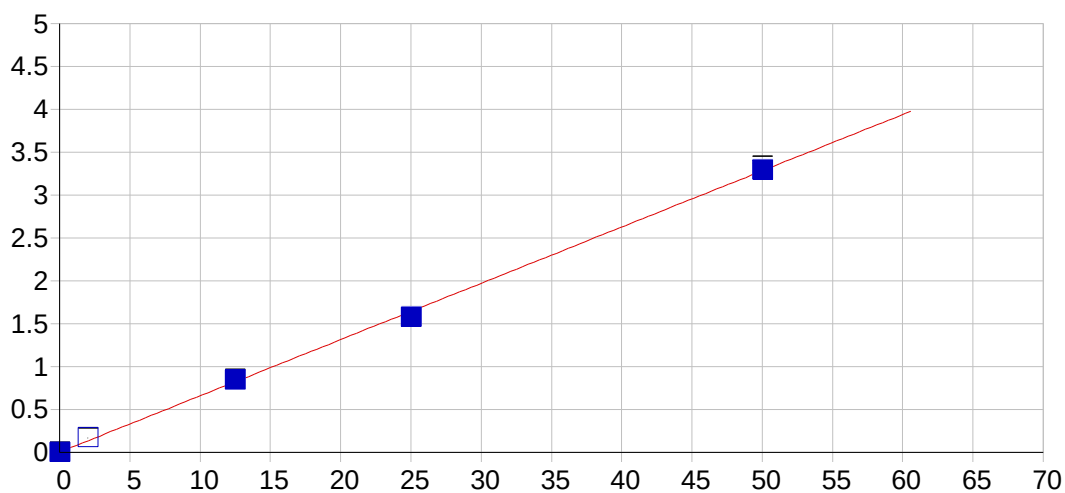
Weighting: 1/Conc

A0 (Offset): -0.005331
 A1 (Gain): 4.692595
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998764
 Std Error of Est: 0.002185
 Predicted MDL: 0.000108
 Predicted MQL: 0.000360

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	-.00533	.001	1
S1	.00600	.00627	.000	4.53	.02415	.000	1
S3	1.2500	1.1907	-.059	-4.75	5.5833	.009	1
S4	2.5000	2.3446	-.155	-6.22	10.999	.012	1
S5	5.0000	5.2145	.215	4.29	24.470	.033	1

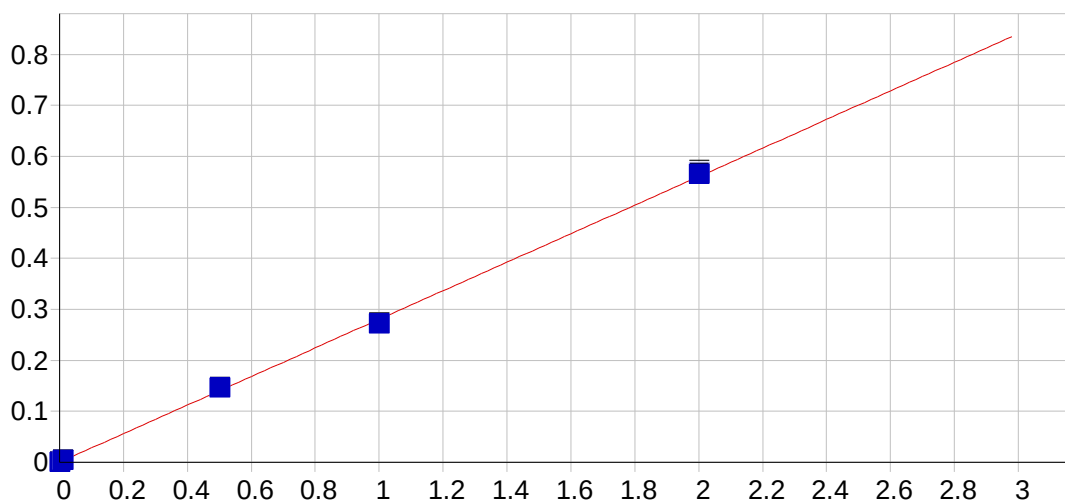


Ca 373.690 { 90}

Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003200 Re-Slope: 1.000000
 A1 (Gain): 0.065612 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998953 Status: OK.
 Std Error of Est: 0.001640
 Predicted MDL: 0.025795
 Predicted MQL: 0.085982

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.5253	.525	26.3	.16889	.001	1
S0	.00000	-.00050	-.001	.000	.00317	.001	1
S3	12.500	12.834	.334	2.67	.84569	.003	1
S4	25.000	23.996	-1.00	-4.02	1.5785	.003	1
S5	50.000	50.145	.145	.291	3.2951	.043	1



Cr 267.716 {126}

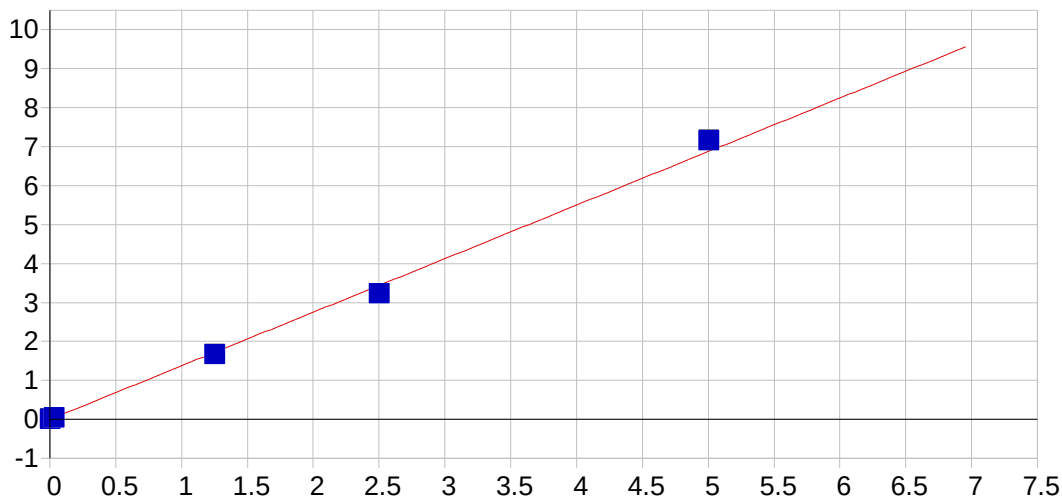
Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000329 Re-Slope: 1.000000
 A1 (Gain): 0.280063 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999693
 Std Error of Est: 0.000053
 Predicted MDL: 0.000596
 Predicted MQL: 0.001988

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00033	.000	1
S1	.01000	.01165	.002	16.5	.00361	.000	1
S3	.50000	.51788	.018	3.58	.14647	.001	1
S4	1.0000	.96582	-.034	-3.42	.27302	.000	1
S5	2.0000	2.0146	.015	.732	.56896	.003	1



Co 228.616 {447}

Date of Fit: 6/25/2019 10:37:01

Type of Fit: Linear

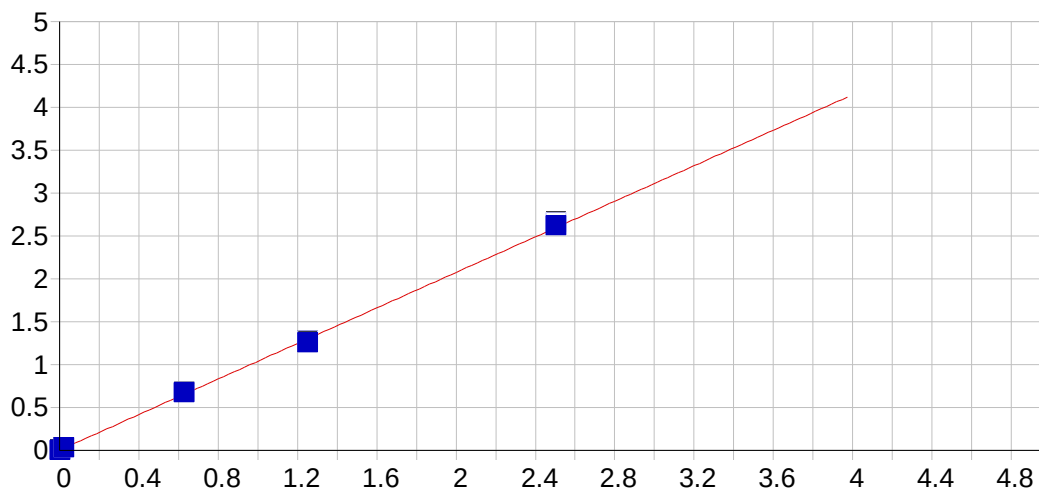
Weighting: 1/Conc

A0 (Offset): -0.000794
 A1 (Gain): 1.374904
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998861
 Std Error of Est: 0.001376
 Predicted MDL: 0.000307
 Predicted MQL: 0.001022

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	-.00079	.000	1
S1	.03000	.03184	.002	6.13	.04270	.000	1
S3	1.2500	1.2056	-.044	-3.55	1.6581	.005	1
S4	2.5000	2.3404	-.160	-6.39	3.2197	.006	1
S5	5.0000	5.2022	.202	4.04	7.1572	.012	1

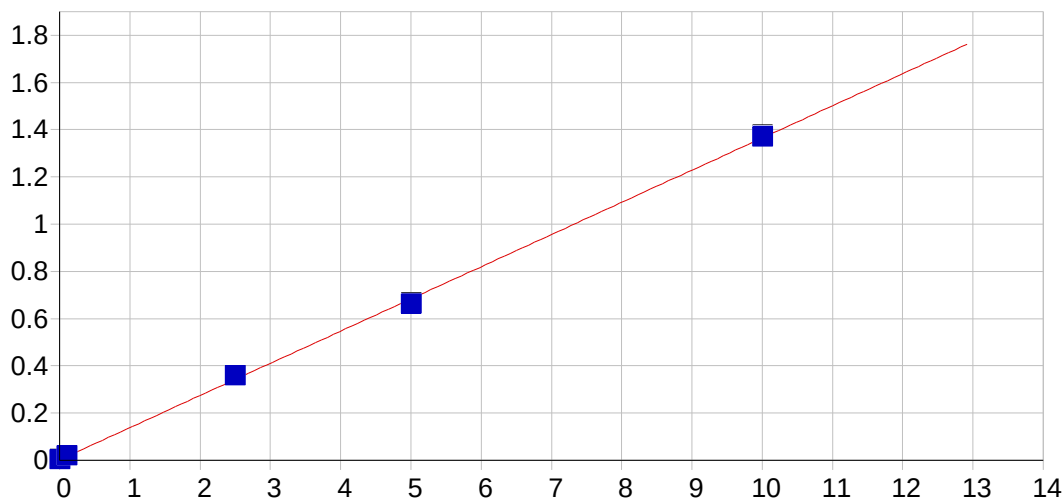


Cu 224.700 {450}

Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003476 Re-Slope: 1.000000
 A1 (Gain): 1.036082 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999684 Status: OK.
 Std Error of Est: 0.000320
 Predicted MDL: 0.000550
 Predicted MQL: 0.001832

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00347	.000	1
S1	.02000	.02389	.004	19.5	.02855	.000	1
S3	.62500	.64174	.017	2.68	.67884	.004	1
S4	1.2500	1.2072	-.043	-3.42	1.2752	.003	1
S5	2.5000	2.5222	.022	.887	2.6585	.003	1



Fe 240.488 {140}

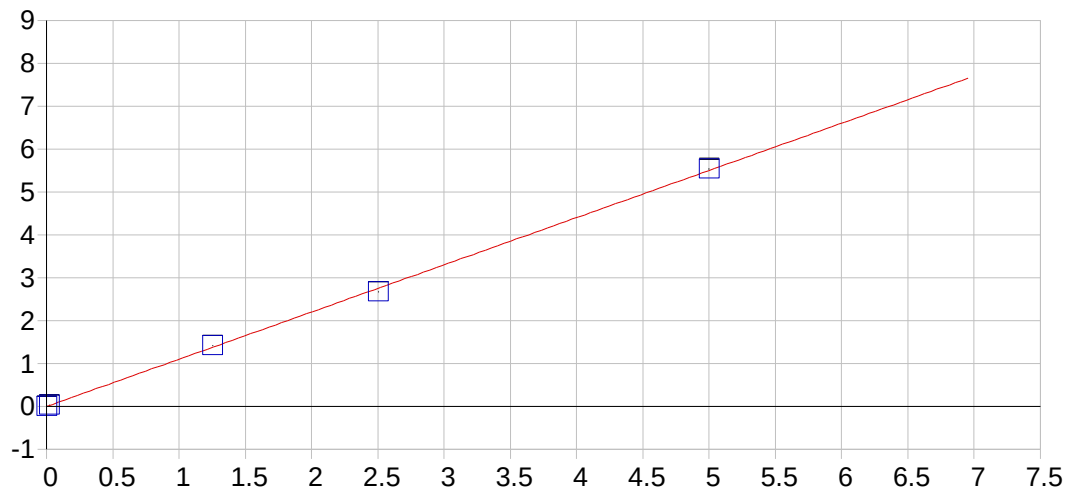
Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001954 Re-Slope: 1.000000
 A1 (Gain): 0.136311 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999587
 Std Error of Est: 0.000213
 Predicted MDL: 0.000979
 Predicted MQL: 0.003265

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00195	.000	1
S1	.10000	.12356	.024	23.6	.01886	.000	1
S3	2.5000	2.6011	.101	4.04	.35778	.000	1
S4	5.0000	4.8432	-.157	-3.14	.66467	.001	1
S5	10.000	10.032	.032	.322	1.3745	.004	1



Mn 257.610 {131}

Date of Fit: 6/25/2019 10:37:01

Type of Fit: Linear

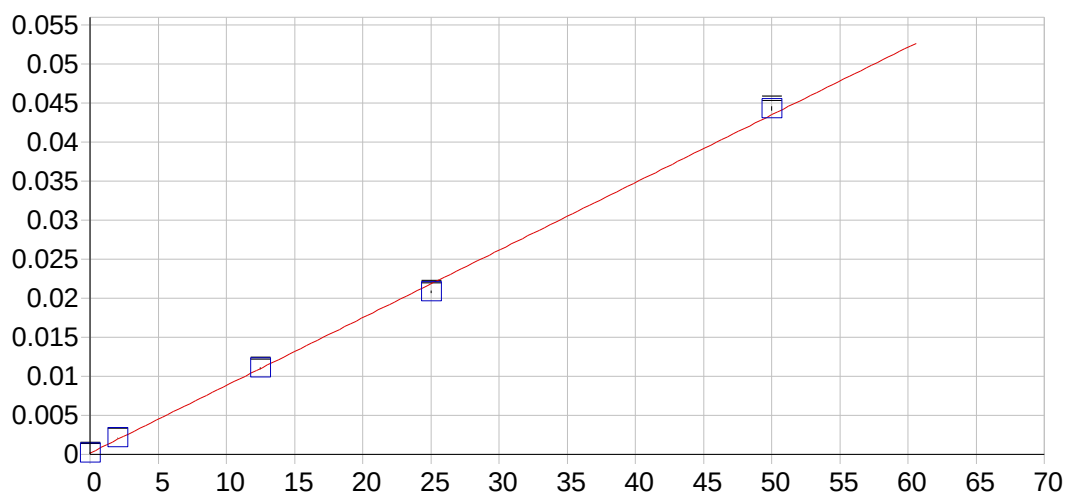
Weighting: 1/Conc

A0 (Offset): -0.000025
 A1 (Gain): 1.100680
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999721
 Std Error of Est: 0.000445
 Predicted MDL: 0.000116
 Predicted MQL: 0.000385

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	-.00003	.000	1
S1	.02000	.02512	.005	25.6	.02763	.000	1
S3	1.2500	1.2874	.037	2.99	1.4170	.002	1
S4	2.5000	2.4249	-.075	-3.01	2.6690	.004	1
S5	5.0000	5.0326	.033	.652	5.5393	.014	1

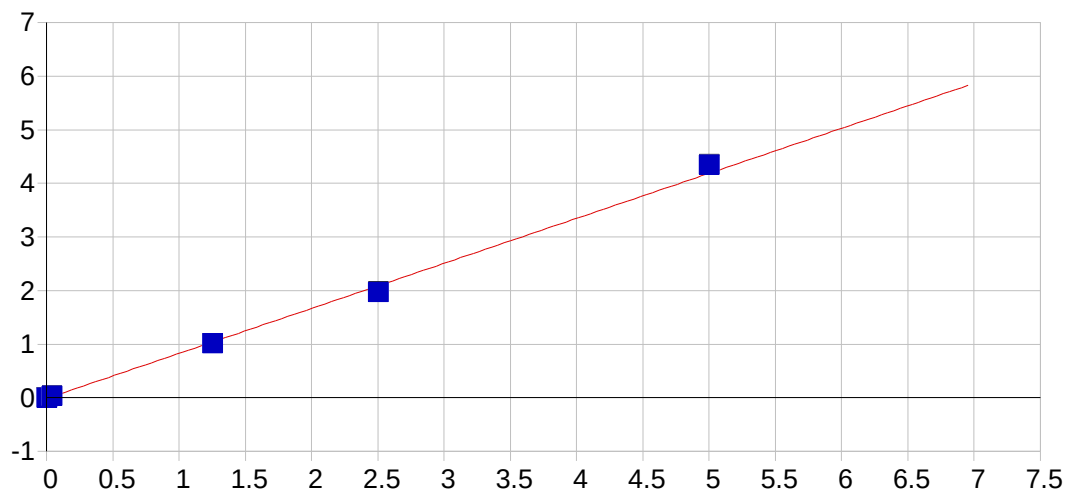


Mg 279.079 {121}

Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000169 Re-Slope: 1.000000
 A1 (Gain): 0.000867 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999425 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.071746
 Predicted MQL: 0.239153

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2395	.240	12.0	.00211	.000	1
S0	.00000	-.00019	-.000	.000	.00017	.000	1
S3	12.500	12.534	.034	.269	.01103	.000	1
S4	25.000	23.805	-1.20	-4.78	.02080	.000	1
S5	50.000	50.922	.922	1.84	.04429	.000	1



Ni 231.604 {445}

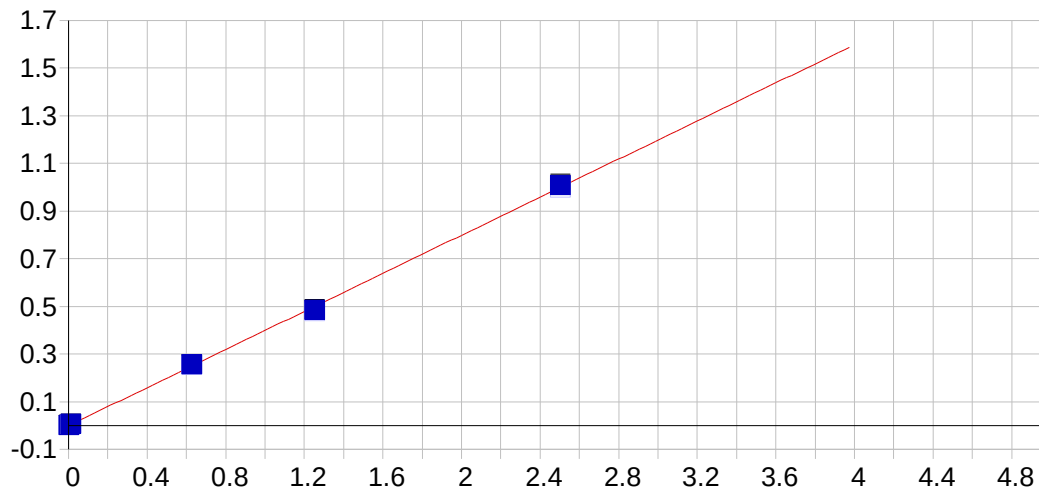
Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.013568 Re-Slope: 1.000000
 A1 (Gain): 0.839907 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999079
 Std Error of Est: 0.000874
 Predicted MDL: 0.000538
 Predicted MQL: 0.001794

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01357	.000	1
S1	.04000	.04281	.003	7.02	.02240	.001	1
S3	1.2500	1.2166	-.033	-2.67	1.0094	.002	1
S4	2.5000	2.3519	-.148	-5.92	1.9641	.005	1
S5	5.0000	5.1787	.179	3.57	4.3406	.004	1



Ag 328.068 {103}

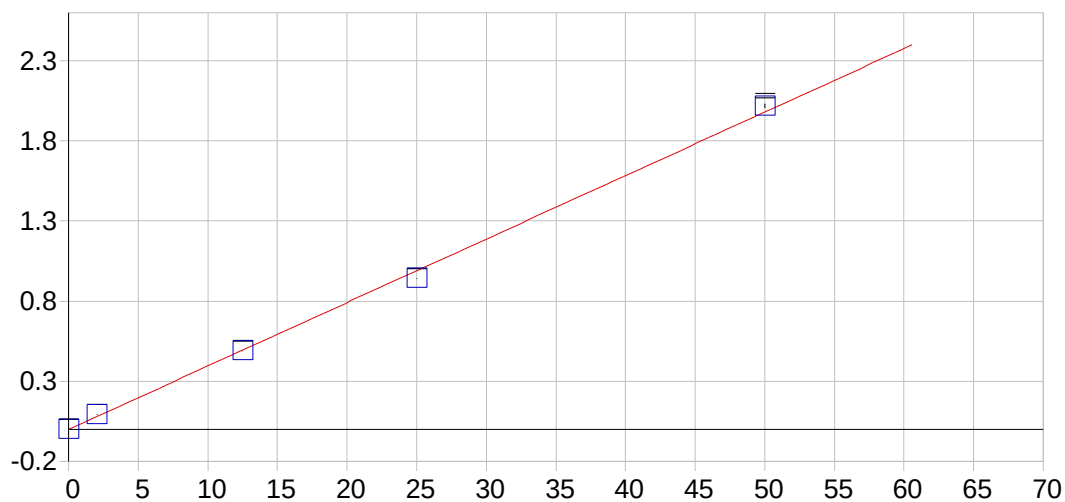
Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001170
 A1 (Gain): 0.399854
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999750
 Std Error of Est: 0.000076
 Predicted MDL: 0.000727
 Predicted MQL: 0.002425

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	-.00117	.000	1
S1	.01000	.01188	.002	18.8	.00350	.000	1
S3	.62500	.63971	.015	2.35	.25178	.001	1
S4	1.2500	1.2107	-.039	-3.14	.47725	.001	1
S5	2.5000	2.5227	.023	.908	.99616	.004	1

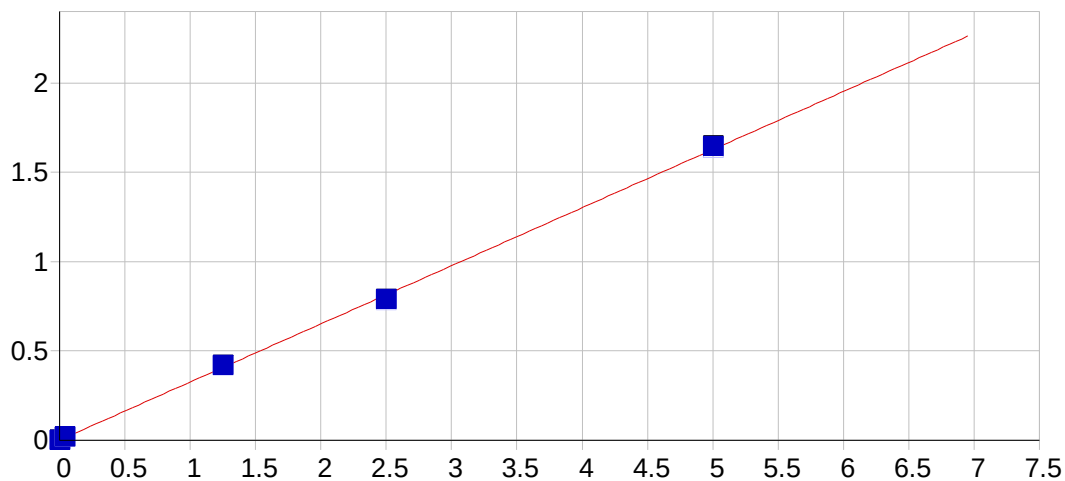


Na 589.592 { 57}

Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000835 Re-Slope: 1.000000
 A1 (Gain): 0.039612 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999167 Status: OK.
 Std Error of Est: 0.000883
 Predicted MDL: 0.013462
 Predicted MQL: 0.044873

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.3672	.367	18.4	.09293	.001	1
S0	.00000	-.00029	-.000	.000	-.00085	.000	1
S3	12.500	12.386	-.114	-.910	.48981	.002	1
S4	25.000	23.761	-1.24	-4.96	.94038	.004	1
S5	50.000	50.986	.986	1.97	2.0188	.016	1



V 292.402 {115}

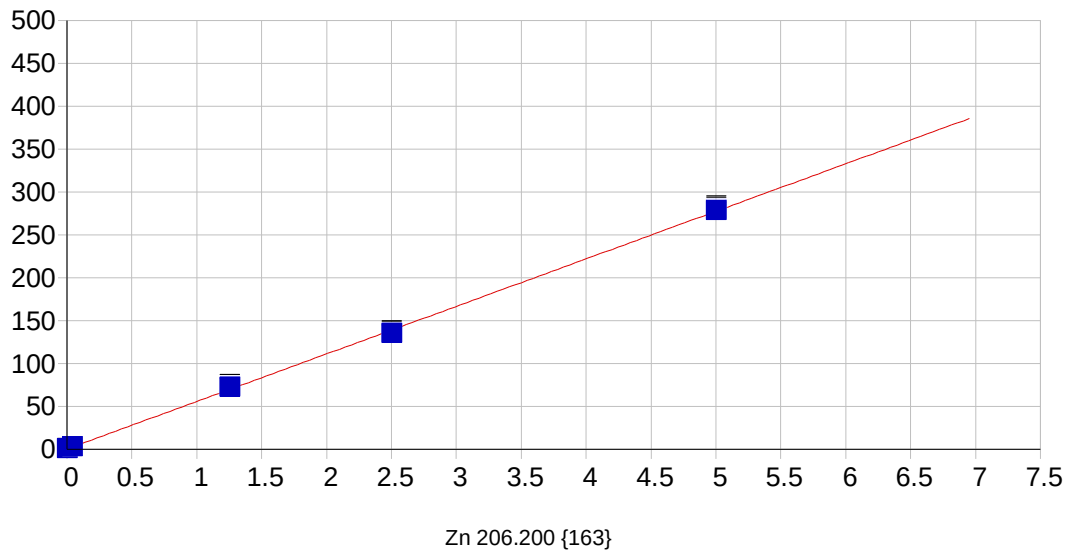
Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001269 Re-Slope: 1.000000
 A1 (Gain): 0.325208 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999700
 Std Error of Est: 0.000192
 Predicted MDL: 0.000591
 Predicted MQL: 0.001972

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00127	.000	1
S1	.04000	.04647	.006	16.2	.01618	.000	1
S3	1.2500	1.2810	.031	2.48	.41521	.001	1
S4	2.5000	2.4144	-.086	-3.43	.78113	.003	1
S5	5.0000	5.0482	.048	.964	1.6324	.004	1



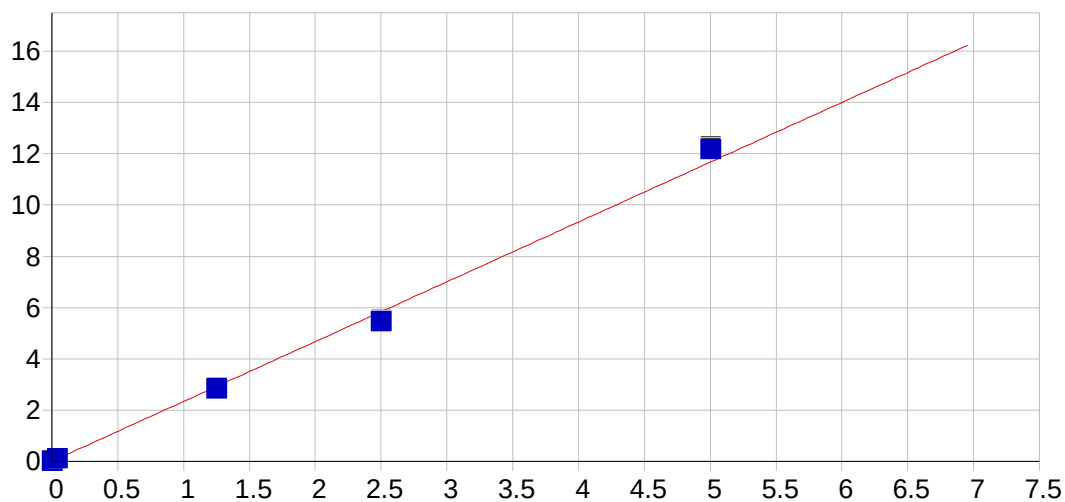
Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.377215
 A1 (Gain): 55.428210
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999660
 Std Error of Est: 0.035184
 Predicted MDL: 0.000552
 Predicted MQL: 0.001840

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	.37678	.022	1
S1	.04000	.04718	.007	17.9	3.0067	.181	1
S3	1.2500	1.3059	.056	4.47	73.178	2.40	1
S4	2.5000	2.4252	-.075	-2.99	135.64	2.07	1
S5	5.0000	5.0117	.012	.235	279.85	4.06	1

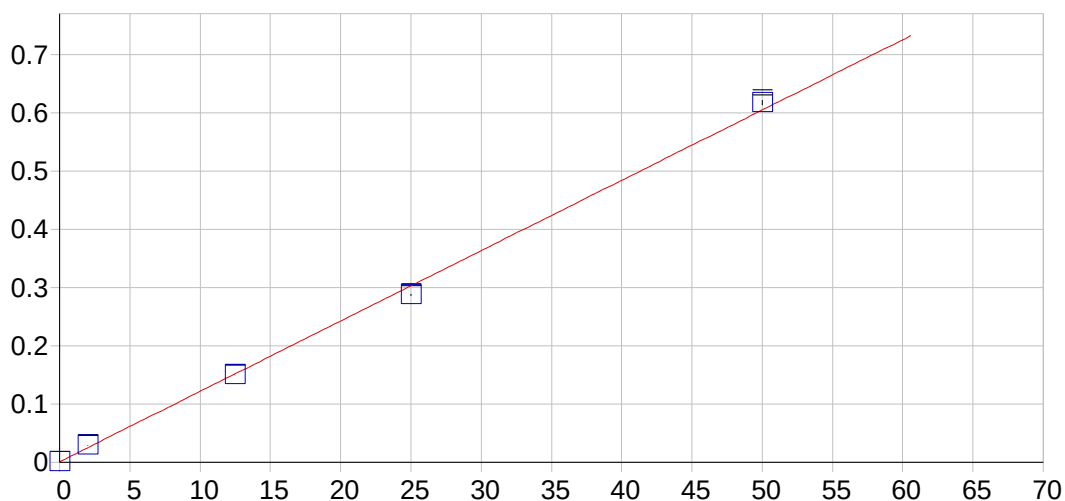


Zn 213.856 {458}

Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003888 Re-Slope: 1.000000
 A1 (Gain): 2.333470 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998766 Status: OK.
 Std Error of Est: 0.002825
 Predicted MDL: 0.000134
 Predicted MQL: 0.000446

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00389	.000	1
S1	.04000	.04235	.002	5.88	.10337	.001	1
S3	1.2500	1.2034	-.047	-3.73	2.8307	.008	1
S4	2.5000	2.3327	-.167	-6.69	5.4845	.002	1
S5	5.0000	5.2115	.211	4.23	12.239	.019	1



K 766.490 {44}

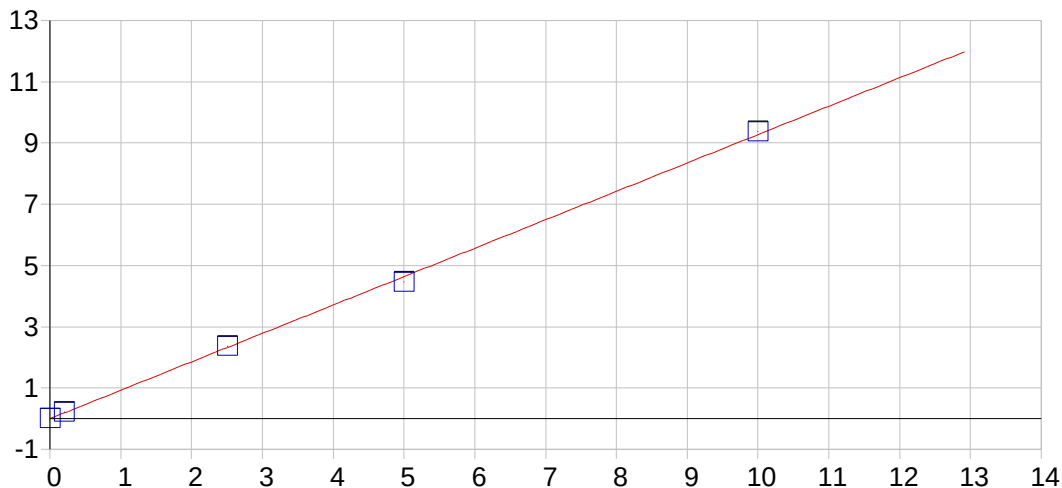
Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001127 Re-Slope: 1.000000
 A1 (Gain): 0.012070 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999218
 Std Error of Est: 0.000261
 Predicted MDL: 0.049796
 Predicted MQL: 0.165986

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.3238	.324	16.2	.02918	.001	1
S0	.00000	-.00024	-.000	.000	.00112	.000	1
S3	12.500	12.356	-.144	-1.15	.15027	.000	1
S4	25.000	23.745	-1.25	-5.02	.28774	.002	1
S5	50.000	51.075	1.07	2.15	.61762	.004	1



Mo 202.030 {467}

Date of Fit: 6/25/2019 10:37:01

Type of Fit: Linear

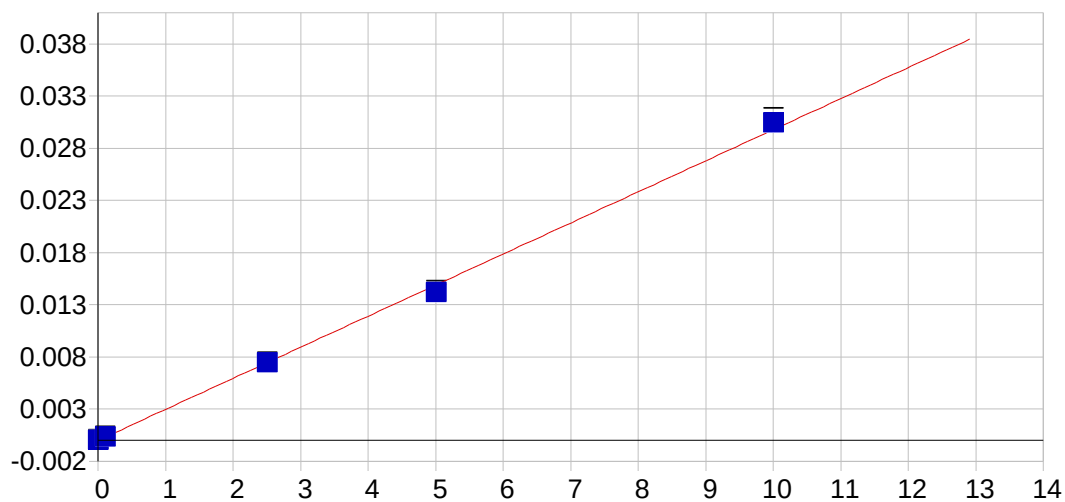
Weighting: 1/Conc

A0 (Offset): 0.000203
 A1 (Gain): 0.927602
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999573
 Std Error of Est: 0.002081
 Predicted MDL: 0.000377
 Predicted MQL: 0.001256

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	.00017	.000	1
S1	.20000	.23428	.034	17.1	.21752	.001	1
S3	2.5000	2.5493	.049	1.97	2.3649	.003	1
S4	5.0000	4.8109	-.189	-3.78	4.4628	.010	1
S5	10.000	10.106	.106	1.06	9.3742	.003	1

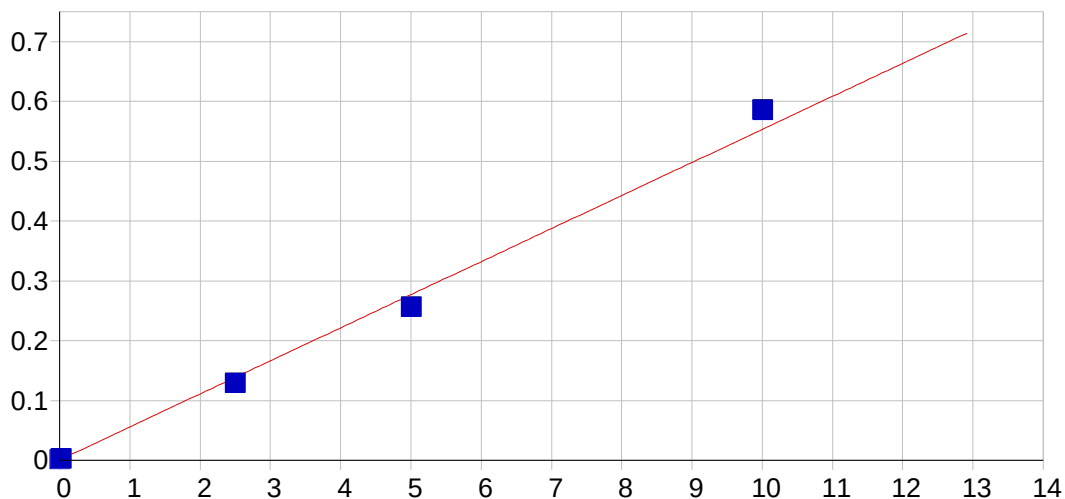


B 249.678 {135}

Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000002 Re-Slope: 1.000000
 A1 (Gain): 0.002978 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999445 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.018485
 Predicted MQL: 0.061617

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00000	.000	1
S1	.10000	.11523	.015	15.2	.00034	.000	1
S3	2.5000	2.4981	-.002	-.074	.00743	.000	1
S4	5.0000	4.7567	-.243	-4.87	.01413	.000	1
S5	10.000	10.230	.230	2.30	.03040	.000	1



S 182.034 {485}

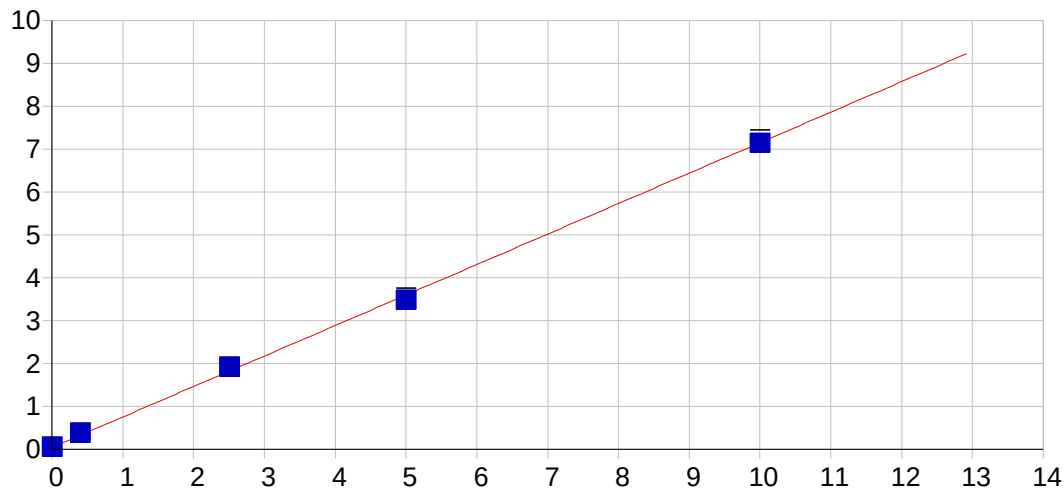
Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000592 Re-Slope: 1.000000
 A1 (Gain): 0.055255 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997783
 Std Error of Est: 0.000089
 Predicted MDL: 0.003972
 Predicted MQL: 0.013240

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00059	.000	1
S1	.02000	.02125	.001	6.23	.00173	.000	1
S3	2.5000	2.3078	-.192	-7.69	.12795	.001	1
S4	5.0000	4.6146	-.385	-7.71	.25526	.000	1
S5	10.000	10.576	.576	5.76	.58437	.000	1



Si 288.158 {117}

Date of Fit: 6/25/2019 10:37:01

Type of Fit: Linear

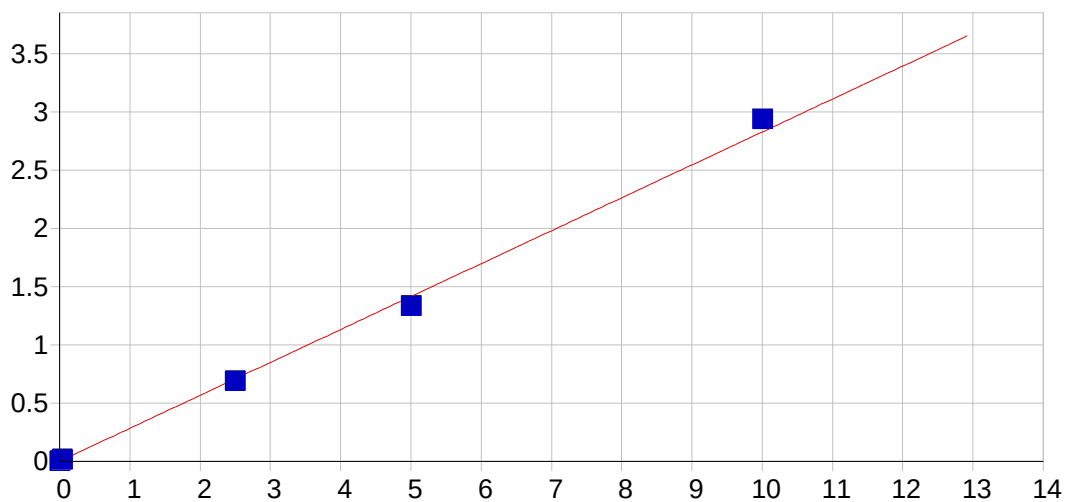
Weighting: 1/Conc

A0 (Offset): 0.041940
 A1 (Gain): 0.711011
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999368
 Std Error of Est: 0.002760
 Predicted MDL: 0.003109
 Predicted MQL: 0.010362

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	-.00007	-.000	.000	.04189	.001	1
S1	.40000	.46642	.066	16.6	.37333	.001	1
S3	2.5000	2.6251	.125	5.01	1.9075	.003	1
S4	5.0000	4.8382	-.162	-3.24	3.4800	.041	1
S5	10.000	9.9703	-.030	-.297	7.1272	.079	1

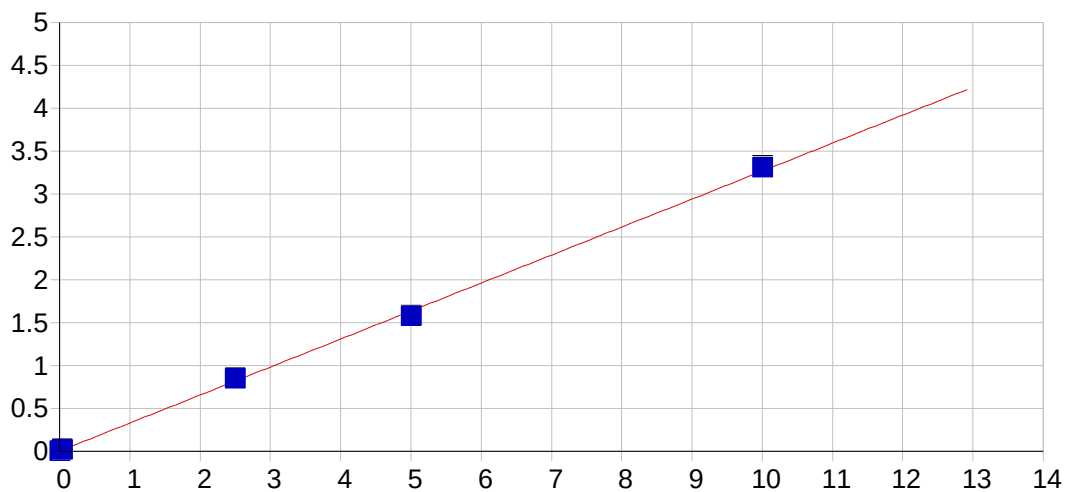


Sn 189.989 {477}

Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001805 Re-Slope: 1.000000
 A1 (Gain): 0.282510 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998987 Status: OK.
 Std Error of Est: 0.000435
 Predicted MDL: 0.000813
 Predicted MQL: 0.002710

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00180	.000	1
S1	.04000	.04177	.002	4.43	.01360	.000	1
S3	2.5000	2.4150	-.085	-3.40	.68418	.000	1
S4	5.0000	4.7002	-.300	-6.00	1.3299	.007	1
S5	10.000	10.383	.383	3.83	2.9356	.004	1



Ti 336.121 {100}

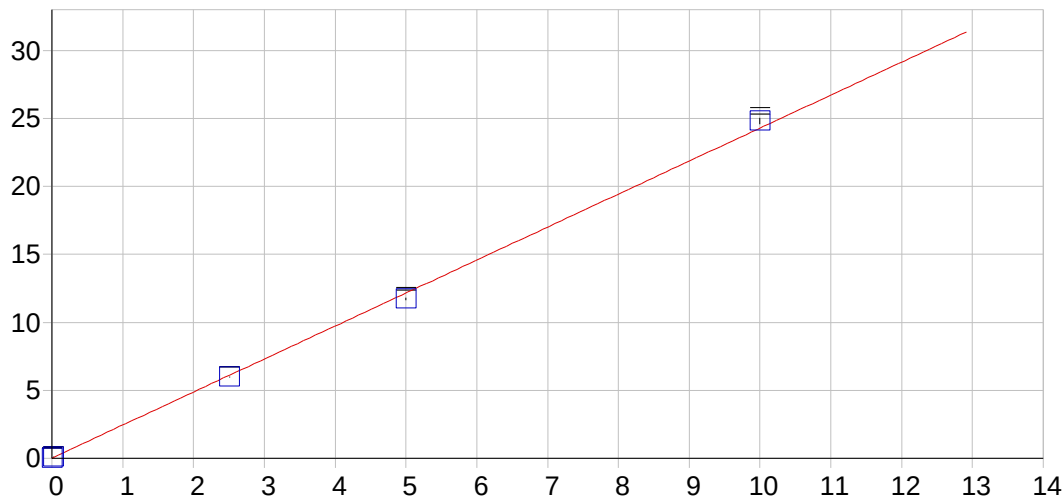
Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003561 Re-Slope: 1.000000
 A1 (Gain): 0.326357 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999699
 Std Error of Est: 0.000274
 Predicted MDL: 0.003381
 Predicted MQL: 0.011269

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00356	.000	1
S1	.04000	.04512	.005	12.8	.01828	.001	1
S3	2.5000	2.5707	.071	2.83	.84244	.005	1
S4	5.0000	4.8164	-.184	-3.67	1.5752	.007	1
S5	10.000	10.108	.108	1.08	3.3019	.026	1



Li 670.784 { 50}

Date of Fit: 6/25/2019 10:37:01

Type of Fit: Linear

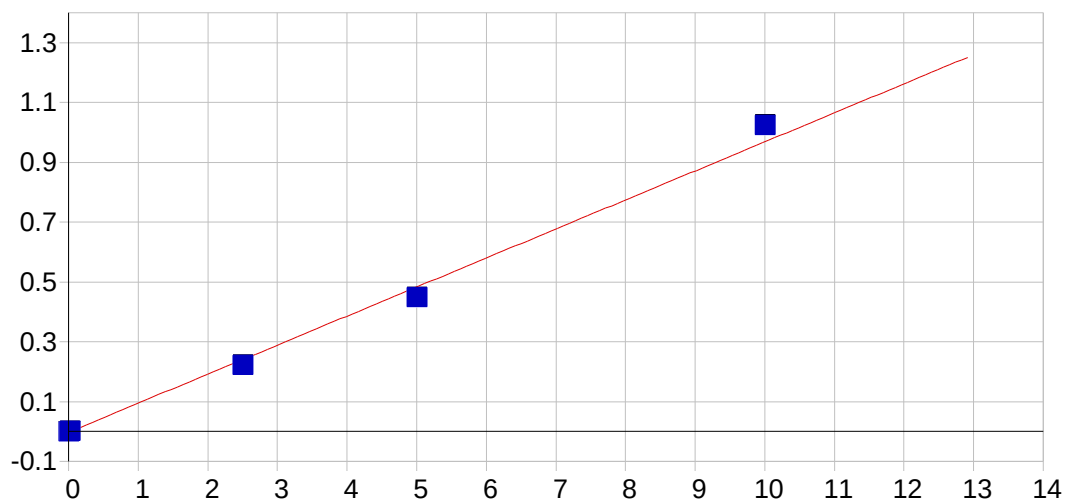
Weighting: 1/Conc

A0 (Offset): 0.022250
 A1 (Gain): 2.426705
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999554
 Std Error of Est: 0.001752
 Predicted MDL: 0.002364
 Predicted MQL: 0.007879

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	.02223	.003	1
S1	.02000	.02856	.009	42.8	.09155	.002	1
S3	2.5000	2.4541	-.046	-1.84	5.9777	.015	1
S4	5.0000	4.8205	-.179	-3.59	11.720	.095	1
S5	10.000	10.217	.217	2.17	24.815	.229	1

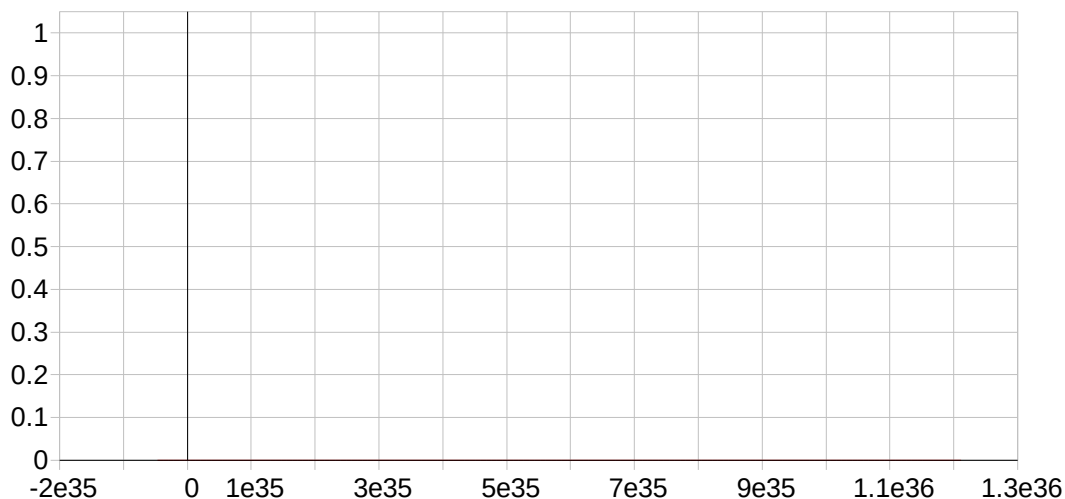


P 177.495 {490}

Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002394 Re-Slope: 1.000000
 A1 (Gain): 0.097069 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997897 Status: OK.
 Std Error of Est: 0.000152
 Predicted MDL: 0.002141
 Predicted MQL: 0.007138

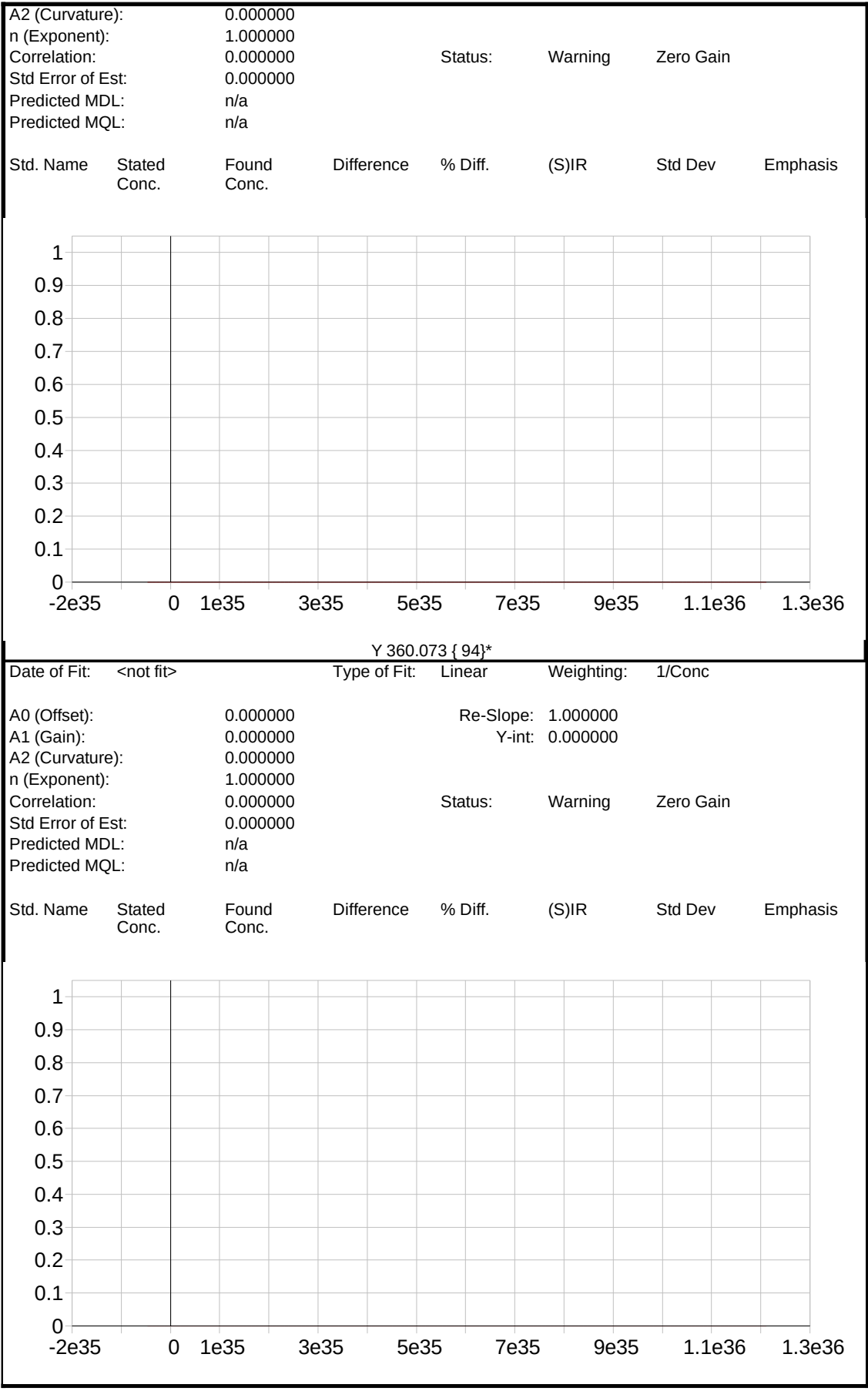
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00239	.000	1
S1	.02000	.02067	.001	3.36	-.00039	.000	1
S3	2.5000	2.3059	-.194	-7.76	.22109	.001	1
S4	5.0000	4.6319	-.368	-7.36	.44652	.001	1
S5	10.000	10.561	.561	5.61	1.0214	.002	1

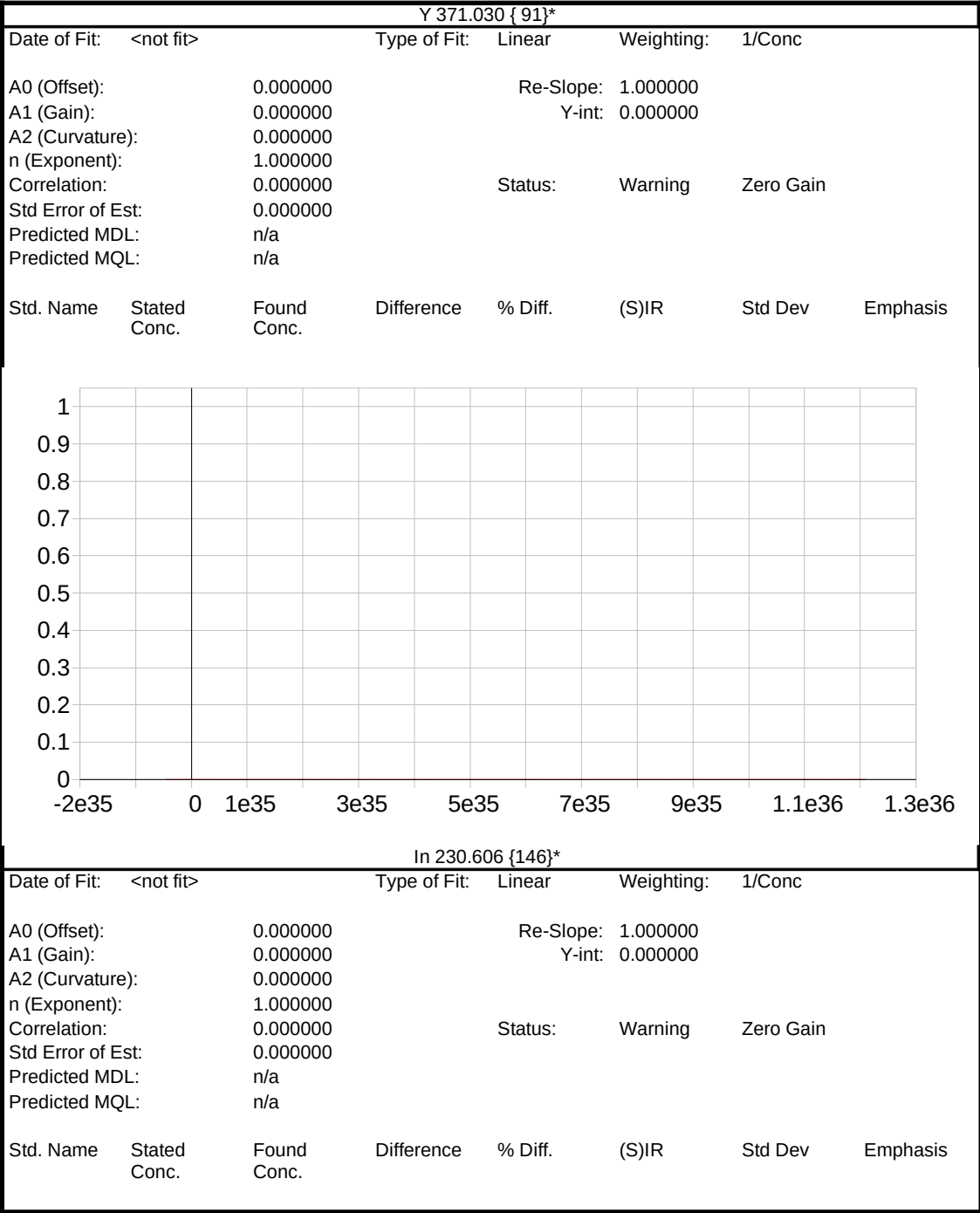


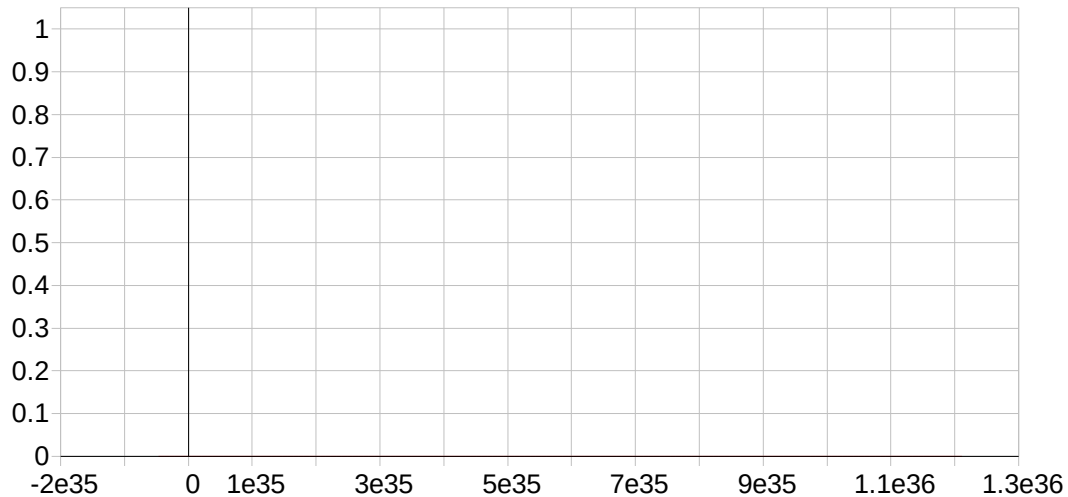
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

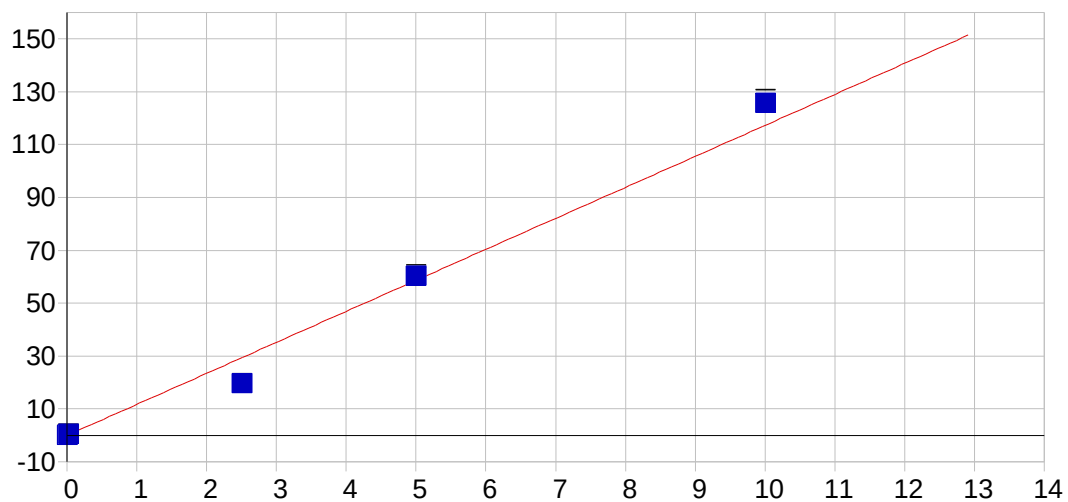
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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

Date of Fit: 6/25/2019 10:37:01

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000117

Re-Slope: 1.000000

A1 (Gain): 11.729030

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.990416

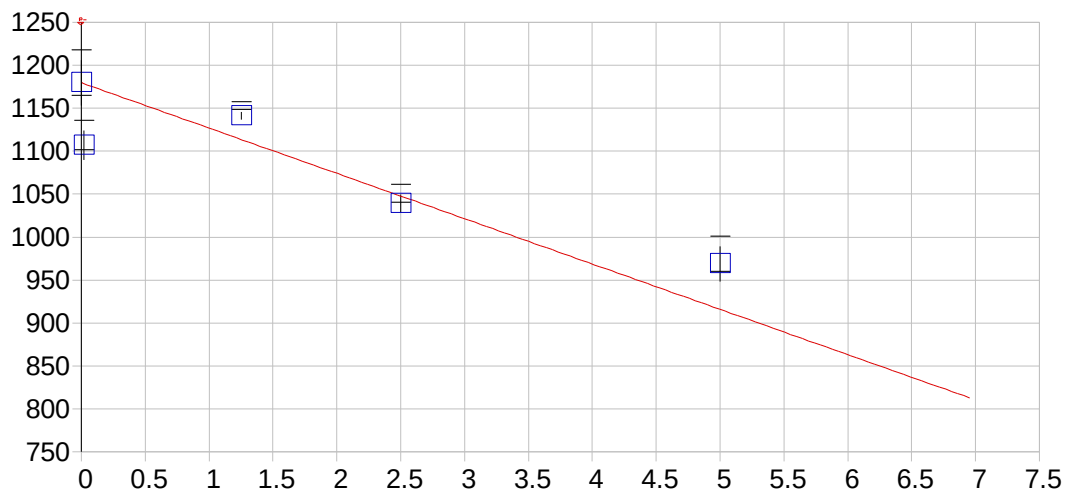
Status: OK.

Std Error of Est: 0.039551

Predicted MDL: 0.000196

Predicted MQL: 0.000653

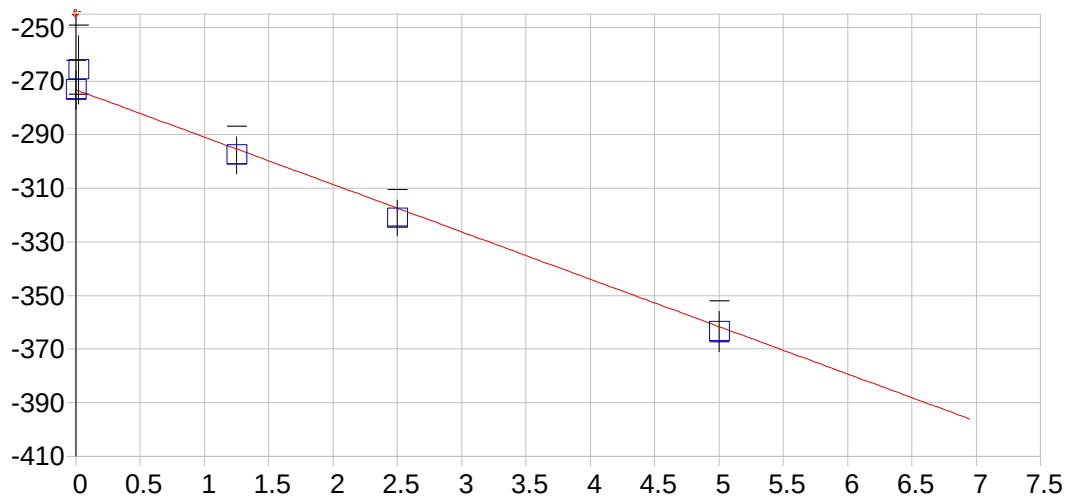
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00018	.001	1
S1	.02000	.02983	.010	49.2	.35110	.001	1
S3	2.5000	1.6577	-.842	-33.7	19.475	.037	1
S4	5.0000	5.1286	.129	2.57	60.218	.398	1
S5	10.000	10.704	.704	7.04	125.67	1.34	1



Date of Fit: 6/25/2019 10:37:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 1179.648795 Re-Slope: 1.000000
A1 (Gain): -52.757952 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.293584 Status: Warning Negative Gain
Std Error of Est: 2.935561
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00135	-.001	.000	1179.7	26.4	1
S1	.02000	1.3798	1.36	6800.	1106.9	17.1	1
S3	1.2500	.73234	-.518	-41.4	1141.0	4.47	1
S4	2.5000	2.6614	.161	6.46	1039.2	10.3	1
S5	5.0000	3.9964	-1.00	-20.1	968.81	20.5	1



U 385.958 { 87}

Date of Fit: 6/25/2019 10:37:01

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -273.224392

Re-Slope: 1.000000

A1 (Gain): -17.668026

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.685066

Status: Warning Negative Gain

Std Error of Est: 0.321057

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00044	.000	.000	-273.23	7.27	1
S1	.02000	-.42438	-.444	-2220.	-265.73	12.9	1
S3	1.2500	1.3789	.129	10.3	-297.59	7.03	1
S4	2.5000	2.7087	.209	8.35	-321.08	6.86	1
S5	5.0000	5.1068	.107	2.14	-363.45	7.72	1

Sample Name: S0 Acquired: 6/25/2019 10:11:44 Type: Cal
Method: P4-ICP2(v3231) 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	.00034	.00064	.00776	-.00013	.00143	.00082	.00071	-.00033
Stddev	.00021	.00028	.00029	.00002	.00055	.00005	.00018	.00008
%RSD	60.995	43.446	3.8021	18.755	38.700	5.8195	24.511	24.445

#1	.00058	.00049	.00773	-.00015	.00079	.00077	.00066	-.00037
#2	.00019	.00096	.00807	-.00010	.00177	.00086	.00091	-.00023
#3	.00026	.00047	.00748	-.00014	.00172	.00083	.00057	-.00038

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	-.00533	.00317	.00033	-.00079	.00347	.00195	-.00003	.00017
Stddev	.00069	.00051	.00011	.00019	.00036	.00005	.00004	.00005
%RSD	12.857	15.976	32.305	24.146	10.431	2.3166	116.46	28.564

#1	-.00581	.00321	.00026	-.00099	.00342	.00193	-.00005	.00021
#2	-.00455	.00365	.00045	-.00079	.00314	.00192	.00001	.00011
#3	-.00563	.00264	.00027	-.00060	.00386	.00200	-.00006	.00018

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	-.01357	-.00117	-.00085	.00127	.00389	.00112	.00017	.00000
Stddev	.00013	.00018	.00019	.00020	.00020	.00046	.00032	.00007
%RSD	.96631	15.150	22.561	15.456	5.1637	40.848	186.47	3197.7

#1	-.01342	-.00131	-.00106	.00115	.00398	.00106	.00018	.00005
#2	-.01366	-.00123	-.00069	.00116	.00366	.00070	-.00015	-.00008
#3	-.01362	-.00097	-.00079	.00149	.00403	.00161	.00049	.00004

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00059	.04189	.00180	.00356	.02223	-.0024	-.00018	1179.7
Stddev	.00015	.00118	.00025	.00014	.00320	.0001	.00071	26.4
%RSD	25.503	2.8079	14.006	3.8192	14.397	3.907	406.34	2.2402

#1	.00075	.04201	.00208	.00342	.02498	-.0023	-.00089	1157.3
#2	.00057	.04065	.00174	.00356	.02299	-.0024	.00053	1173.0
#3	.00045	.04300	.00159	.00370	.01872	-.0025	-.00017	1208.9

Sample Name: S0 Acquired: 6/25/2019 10:11:44 Type: Cal
 Method: P4-ICP2(v3231) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-273.23
Stddev	7.27
%RSD	2.6593

#1	-272.93
#2	-266.12
#3	-280.64

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1958.8	23365.	1981.9	32.926	2224.1
Stddev	7.3	89.	14.4	.597	7.7
%RSD	.37222	.38002	.72427	1.8129	.34458

#1	1951.4	23381.	1983.5	32.243	2217.4
#2	1959.1	23444.	1966.8	33.184	2222.5
#3	1966.0	23269.	1995.4	33.350	2232.4

Sample Name: S1 Acquired: 6/25/2019 10:16:11 Type: Cal
Method: P4-ICP2(v3231) 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	.00207	.00851	.01150	.00170	.01047	.00169	.04829	.00643
Stddev	.00017	.00026	.00024	.00011	.00023	.00007	.00033	.00010
%RSD	8.2049	3.0921	2.0546	6.6223	2.1728	4.4135	.68416	1.5367

#1	.00202	.00847	.01125	.00180	.01049	.00169	.04802	.00652
#2	.00226	.00828	.01171	.00174	.01069	.00176	.04820	.00646
#3	.00193	.00880	.01153	.00158	.01023	.00161	.04866	.00633

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	.02415	.00361	.04270	.02855	.01886	.02763	.02240	.00350
Stddev	.00006	.00007	.00008	.00042	.00021	.00022	.00059	.00016
%RSD	.25714	2.0649	.18893	1.4848	1.1294	.80856	2.6223	4.6318

#1	.02411	.00361	.04266	.02860	.01867	.02784	.02273	.00369
#2	.02423	.00368	.04280	.02895	.01882	.02765	.02276	.00339
#3	.02412	.00353	.04266	.02810	.01909	.02739	.02173	.00343

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	.01618	.10337	.21752	.00034	.00173	.37333	.01360	.01828
Stddev	.00007	.00063	.00057	.00004	.00017	.00149	.00032	.00078
%RSD	.43870	.60480	.26236	11.064	9.7053	.39992	2.3541	4.2868

#1	.01616	.10366	.21765	.00039	.00169	.37474	.01367	.01746
#2	.01626	.10379	.21690	.00032	.00159	.37176	.01389	.01836
#3	.01612	.10265	.21802	.00032	.00192	.37349	.01326	.01902

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.09155	-.0004	.35110	1106.9	-265.73
Stddev	.00239	.0004	.00072	17.1	12.86
%RSD	2.6108	90.73	.20438	1.5422	4.8413

#1	.08879	-.0002	.35184	1125.7	-269.88
#2	.09294	-.0008	.35106	1092.4	-251.30
#3	.09293	-.0002	.35041	1102.4	-276.00

Sample Name: S1 Acquired: 6/25/2019 10:16:11 Type: Cal
 Method: P4-ICP2(v3231) 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	1913.5	22973.	1969.6	33.420	2164.3
Stddev	5.4	56.	7.3	1.952	9.4
%RSD	.28165	.24173	.37206	5.8418	.43569
#1	1911.0	23037.	1968.9	34.977	2162.5
#2	1909.8	22938.	1962.6	31.230	2156.0
#3	1919.7	22945.	1977.2	34.052	2174.6

Sample Name: S2 Acquired: 6/25/2019 10:20:38 Type: Cal
Method: P4-ICP2(v3231) 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	.16889	.00211	.09293	.02918
Stddev	.00139	.00003	.00060	.00057
%RSD	.82131	1.3000	.64082	1.9610

#1	.17037	.00208	.09331	.02937
#2	.16869	.00212	.09324	.02853
#3	.16762	.00213	.09225	.02962

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	23897.	2050.4
Stddev	51.	4.7
%RSD	.21393	.22720

#1	23933.	2045.2
#2	23839.	2054.0
#3	23921.	2052.1

Sample Name: S3 Acquired: 6/25/2019 10:24:54 Type: Cal
Method: P4-ICP2(v3231) 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	.20632	.46409	.70344	.19881	.39785	.03479	2.0551	.11914
Stddev	.00109	.00111	.00190	.00052	.00158	.00015	.0074	.00012
%RSD	.52604	.23923	.27040	.26267	.39708	.44156	.35921	.10283
#1	.20558	.46400	.70264	.19933	.39819	.03465	2.0501	.11903
#2	.20756	.46303	.70208	.19881	.39923	.03478	2.0515	.11912
#3	.20581	.46525	.70562	.19828	.39613	.03495	2.0636	.11928
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	5.5833	.84569	.14647	1.6581	.67884	.35778	1.4170	.01103
Stddev	.0089	.00267	.00072	.0054	.00396	.00040	.0016	.00011
%RSD	.16001	.31555	.49280	.32535	.58292	.11249	.11532	.98642
#1	5.5855	.84362	.14564	1.6638	.67752	.35821	1.4151	.01090
#2	5.5734	.84870	.14694	1.6531	.68329	.35742	1.4183	.01108
#3	5.5909	.84475	.14683	1.6574	.67571	.35769	1.4175	.01110
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	1.0094	.25178	.48981	.41521	2.8307	.15027	2.3649	.00743
Stddev	.0025	.00062	.00195	.00096	.0081	.00038	.0029	.00004
%RSD	.24582	.24822	.39732	.23194	.28784	.25388	.12250	.55331
#1	1.0066	.25221	.48887	.41419	2.8306	.15059	2.3681	.00739
#2	1.0102	.25106	.48851	.41534	2.8226	.14985	2.3624	.00741
#3	1.0114	.25206	.49205	.41611	2.8389	.15038	2.3643	.00747
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	.12795	1.9075	.68418	.84244	5.9777	.2211	19.475	1141.0
Stddev	.00057	.0032	.00039	.00521	.0147	.0006	.037	4.5
%RSD	.44316	.16883	.05705	.61847	.24596	.2755	.18903	.39148
#1	.12779	1.9096	.68373	.83644	5.9945	.2215	19.511	1137.5
#2	.12749	1.9091	.68438	.84588	5.9715	.2214	19.477	1139.5
#3	.12859	1.9038	.68443	.84499	5.9671	.2204	19.438	1146.0

Sample Name: S3 Acquired: 6/25/2019 10:24:54 Type: Cal
 Method: P4-ICP2(v3231) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-297.59
Stddev	7.03
%RSD	2.3611

#1	-300.38
#2	-289.59
#3	-302.79

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2032.8	24378.	2112.6	34.838	2184.7
Stddev	4.0	23.	6.3	1.055	4.6
%RSD	.19838	.09490	.29978	3.0277	.21208

#1	2028.1	24394.	2105.8	35.972	2184.0
#2	2034.7	24390.	2113.6	34.657	2189.7
#3	2035.5	24352.	2118.3	33.886	2180.5

Sample Name: S4 Acquired: 6/25/2019 10:28:59 Type: Cal
Method: P4-ICP2(v3231) 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	.39495	.90271	1.3586	.38181	.76309	.06579	3.9167	.22549
Stddev	.00057	.00106	.0063	.00170	.00217	.00037	.0176	.00037
%RSD	.14553	.11731	.46637	.44399	.28391	.56144	.45043	.16540

#1	.39536	.90367	1.3658	.38361	.76483	.06622	3.9371	.22524
#2	.39519	.90158	1.3537	.38024	.76067	.06560	3.9054	.22530
#3	.39429	.90288	1.3564	.38159	.76378	.06556	3.9078	.22592

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	10.999	1.5785	.27302	3.2197	1.2752	.66467	2.6690	.02080
Stddev	.012	.0033	.00049	.0063	.0031	.00093	.0035	.00016
%RSD	.11185	.20718	.18083	.19469	.23983	.13977	.13244	.79328

#1	11.012	1.5748	.27307	3.2254	1.2776	.66574	2.6677	.02098
#2	10.987	1.5811	.27251	3.2129	1.2717	.66404	2.6663	.02067
#3	10.999	1.5795	.27349	3.2207	1.2762	.66423	2.6730	.02073

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	1.9641	.47725	.94038	.78113	5.4845	.28774	4.4628	.01413
Stddev	.0046	.00142	.00356	.00267	.0016	.00164	.0096	.00018
%RSD	.23140	.29816	.37866	.34174	.02844	.56867	.21492	1.2833

#1	1.9694	.47889	.94426	.78199	5.4846	.28928	4.4737	.01434
#2	1.9611	.47654	.93727	.77813	5.4828	.28792	4.4586	.01408
#3	1.9619	.47632	.93960	.78326	5.4859	.28602	4.4560	.01398

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	.25526	3.4800	1.3299	1.5752	11.720	.4465	60.218	1039.2
Stddev	.00034	.0409	.0067	.0074	.095	.0012	.398	10.3
%RSD	.13472	1.1751	.50235	.47244	.81254	.2748	.66102	.99140

#1	.25533	3.4334	1.3347	1.5668	11.616	.4479	59.774	1050.0
#2	.25489	3.4970	1.3327	1.5778	11.741	.4456	60.338	1038.3
#3	.25557	3.5097	1.3223	1.5810	11.803	.4460	60.542	1029.4

Sample Name: S4 Acquired: 6/25/2019 10:28:59 Type: Cal
 Method: P4-ICP2(v3231) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-321.08
Stddev	6.86
%RSD	2.1366

#1	-317.72
#2	-316.55
#3	-328.97

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1970.4	23889.	2092.6	33.948	2042.5
Stddev	5.0	58.	20.4	.473	2.8
%RSD	.25548	.24316	.97603	1.3928	.13859

#1	1966.2	23828.	2116.2	34.265	2040.2
#2	1976.0	23897.	2081.8	33.405	2045.6
#3	1968.9	23943.	2079.9	34.175	2041.5

Sample Name: S5 Acquired: 6/25/2019 10:32:59 Type: Cal
Method: P4-ICP2(v3231) 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	.84203	1.9754	2.9913	.81216	1.6339	.14037	8.2237	.47011
Stddev	.00158	.0019	.0070	.00038	.0023	.00138	.1150	.00063
%RSD	.18722	.09388	.23430	.04697	.14318	.98113	1.3984	.13468
#1	.84368	1.9767	2.9937	.81229	1.6358	.13898	8.0997	.46944
#2	.84186	1.9763	2.9968	.81173	1.6345	.14173	8.2446	.47017
#3	.84054	1.9733	2.9834	.81245	1.6313	.14039	8.3269	.47071
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	24.470	3.2951	.56896	7.1572	2.6585	1.3745	5.5393	.04429
Stddev	.033	.0429	.00311	.0121	.0028	.0037	.0140	.00027
%RSD	.13367	1.3019	.54686	.16861	.10370	.26679	.25235	.61327
#1	24.471	3.3427	.56549	7.1557	2.6561	1.3703	5.5248	.04402
#2	24.501	3.2832	.57149	7.1699	2.6615	1.3764	5.5402	.04456
#3	24.436	3.2593	.56992	7.1459	2.6579	1.3769	5.5528	.04430
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	4.3406	.99616	2.0188	1.6324	12.239	.61762	9.3742	.03040
Stddev	.0045	.00376	.0157	.0040	.019	.00449	.0034	.00047
%RSD	.10346	.37714	.77585	.24474	.15562	.72656	.03624	1.5512
#1	4.3414	.99196	2.0007	1.6278	12.255	.61244	9.3780	.02989
#2	4.3447	.99733	2.0273	1.6339	12.245	.62047	9.3728	.03049
#3	4.3358	.99920	2.0284	1.6353	12.218	.61993	9.3717	.03082
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	.58437	7.1272	2.9356	3.3019	24.815	1.021	125.67	968.81
Stddev	.00041	.0791	.0044	.0265	.229	.002	1.34	20.52
%RSD	.06990	1.1102	.14921	.80154	.92187	.2381	1.0633	2.1186
#1	.58478	7.2158	2.9365	3.3299	25.075	1.023	127.19	945.31
#2	.58397	7.0636	2.9395	3.2773	24.643	1.023	124.67	983.22
#3	.58436	7.1021	2.9308	3.2984	24.728	1.019	125.16	977.89

Sample Name: S5 Acquired: 6/25/2019 10:32:59 Type: Cal
Method: P4-ICP2(v3231) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-363.45
Stddev	7.72
%RSD	2.1238

#1	-370.40
#2	-364.81
#3	-355.14

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1890.0	23306.	2080.1	33.244	1848.3
Stddev	.9	92.	30.5	.543	2.8
%RSD	.04624	.39471	1.4644	1.6341	.15405

#1	1890.2	23398.	2045.0	32.692	1846.9
#2	1889.0	23214.	2097.2	33.261	1846.4
#3	1890.7	23305.	2098.3	33.778	1851.6

Sample Name: ICV01 Acquired: 6/25/2019 10:37:04 Type: Unk
Method: P4-ICP2(v3231) 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	.99105	1.0033	.96543	.99871	.99144	2.5538	.51032
Stddev	.00179	.0024	.00299	.00307	.00270	.0111	.00161
%RSD	.18075	.24124	.31012	.30745	.27257	.43605	.31576

#1	.98957	1.0059	.96697	.99801	.98877	2.5535	.50923
#2	.99054	1.0027	.96198	.99604	.99418	2.5428	.51217
#3	.99304	1.0012	.96734	1.0021	.99137	2.5650	.50956

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49624	.47086	10.173	.50876	.48360	.52509	5.1596
Stddev	.00261	.00098	.043	.00137	.00065	.00056	.0078
%RSD	.52530	.20903	.41910	.26911	.13489	.10621	.15206

#1	.49845	.47088	10.155	.50887	.48286	.52553	5.1621
#2	.49691	.47183	10.143	.51007	.48385	.52529	5.1659
#3	.49336	.46986	10.222	.50734	.48409	.52447	5.1508

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51481	5.9311	.48842	.51201	9.9487	.50762	.94362
Stddev	.00026	.0549	.00146	.00163	.0241	.00078	.00165
%RSD	.05051	.92482	.29889	.31827	.24268	.15437	.17473

#1	.51509	5.8678	.48675	.51279	9.9283	.50754	.94223
#2	.51478	5.9636	.48913	.51310	9.9754	.50689	.94545
#3	.51457	5.9619	.48940	.51014	9.9424	.50845	.94319

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8138	2.5965	2.6254	F -.00144	2.4894	2.4377	2.6053
Stddev	.0649	.0109	.0405	.00571	.0077	.0024	.0014
%RSD	.66146	.41849	1.5406	395.55	.31078	.09895	.05331

#1	9.7395	2.5862	2.5869	-.00437	2.4805	2.4401	2.6050
#2	9.8597	2.6079	2.6675	.00513	2.4941	2.4377	2.6068
#3	9.8422	2.5953	2.6218	-.00509	2.4937	2.4353	2.6041

Sample Name: ICV01 Acquired: 6/25/2019 10:37:04 Type: Unk
Method: P4-ICP2(v3231) 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	F .00330	F -.0030	F .00934	F 2.3626	F 1.6444
Stddev	.00145	.0007	.00009	.3083	.3192
%RSD	44.054	24.24	1.0094	13.049	19.413
#1	.00162	-.0022	.00940	2.7057	1.3111
#2	.00410	-.0037	.00939	2.2735	1.9474
#3	.00417	-.0032	.00923	2.1088	1.6747
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1985.9	24086.	2099.5	34.159	2170.0
Stddev	10.0	71.	2.5	1.412	6.6
%RSD	.50358	.29494	.12070	4.1322	.30617
#1	1997.1	24101.	2098.5	35.509	2177.1
#2	1977.9	24009.	2097.6	32.693	2164.0
#3	1982.7	24149.	2102.3	34.275	2168.8

Sample Name: LLICV01 Acquired: 6/25/2019 10:47:38 Type: Unk
Method: P4-ICP2(v3231) 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	.01939	.04065	.01253	.01871	.05437	.08762	.11262	.00697
Stddev	.00266	.00116	.00053	.00063	.00120	.01809	.00024	.00006
%RSD	13.710	2.8435	4.2087	3.3606	2.2022	20.643	.21189	.87186
#1	.02161	.04084	.01212	.01827	.05429	.07151	.11238	.00697
#2	.02011	.04169	.01233	.01943	.05321	.08416	.11263	.00702
#3	.01644	.03941	.01312	.01842	.05560	.10718	.11285	.00690
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00604	2.1832	.01084	.03059	.02344	.11813	.02394	2.1699
Stddev	.00015	.0045	.00058	.00018	.00073	.00071	.00016	.0652
%RSD	2.5161	.20658	5.3903	.58024	3.0973	.60148	.66614	3.0062
#1	.00619	2.1836	.01047	.03075	.02424	.11872	.02384	2.2020
#2	.00589	2.1875	.01055	.03040	.02326	.11834	.02413	2.0949
#3	.00602	2.1785	.01152	.03062	.02283	.11734	.02386	2.2129
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04187	.01161	2.1613	.04417	.04053	2.1165	.22401	.11330
Stddev	.00030	.00065	.0146	.00048	.00019	.0073	.00021	.01295
%RSD	.72517	5.6101	.67625	1.0891	.45819	.34542	.09332	11.426
#1	.04154	.01212	2.1483	.04466	.04034	2.1237	.22409	.12824
#2	.04214	.01183	2.1585	.04413	.04055	2.1167	.22416	.10533
#3	.04193	.01088	2.1771	.04370	.04071	2.1091	.22377	.10634
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01612	.43048	.03967	.04103	F .02509	.0185	F .02827	F 3.2155
Stddev	.00229	.00857	.00045	.00074	.00110	.0012	.00047	.3229
%RSD	14.209	1.9908	1.1230	1.8091	4.3802	6.528	1.6624	10.041
#1	.01389	.43551	.03931	.04148	.02578	.0192	.02789	3.0797
#2	.01600	.43533	.03952	.04017	.02568	.0171	.02879	2.9827
#3	.01847	.42058	.04017	.04144	.02383	.0193	.02811	3.5841

Sample Name: LLICV01 Acquired: 6/25/2019 10:47:38 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .22841
Stddev	.22416
%RSD	98.140

#1	.44648
#2	.24013
#3	-.00138

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1967.2	23768.	2059.2	34.856	2211.3
Stddev	5.5	71.	15.2	1.891	2.0
%RSD	.27800	.29917	.73614	5.4243	.09138

#1	1961.0	23731.	2045.9	34.130	2209.8
#2	1969.1	23850.	2056.2	37.002	2213.6
#3	1971.4	23723.	2075.7	33.436	2210.4

Sample Name: ICB01 Acquired: 6/25/2019 10:52:06 Type: Unk
Method: P4-ICP2(v3231) 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	-.00462	-.00152	.00024	.00244	-.00004	-.01564	.00102	.00002
Stddev	.00116	.00118	.00031	.00428	.00127	.03797	.00015	.00013
%RSD	25.103	77.967	127.71	175.73	3036.3	242.72	14.829	740.41
#1	-.00596	-.00058	.00011	-.00235	.00130	-.02489	.00087	.00008
#2	-.00385	-.00112	.00059	.00374	-.00020	.02610	.00102	-.00013
#3	-.00407	-.00284	.00002	.00592	-.00123	-.04814	.00117	.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.01140	-.00061	.00025	-.00012	-.00040	.00006	-.07841
Stddev	.00012	.01814	.00024	.00006	.00031	.00118	.00006	.05632
%RSD	184.27	159.10	39.833	25.879	255.86	294.76	100.00	71.834
#1	.00007	.00043	-.00078	.00024	.00023	.00082	-.00001	-.05465
#2	-.00011	-.00235	-.00033	.00031	-.00030	-.00049	.00008	-.03786
#3	-.00016	-.03228	-.00072	.00019	-.00029	-.00153	.00010	-.14272
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00029	.01572	-.00042	-.00046	-.01331	-.00052	-.00154
Stddev	.00062	.00021	.01350	.00063	.00019	.04362	.00030	.01187
%RSD	1070.6	70.659	85.874	148.68	41.263	327.70	57.885	771.07
#1	-.00054	.00008	.02950	.00028	-.00040	-.01463	-.00022	.00790
#2	.00001	.00050	.01515	-.00093	-.00030	.03096	-.00052	.00235
#3	.00070	.00030	.00252	-.00061	-.00067	-.05626	-.00083	-.01487
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00184	-.00195	-.00036	-.00095	.00332	.0002	-.00013	F 4.1055
Stddev	.00575	.00440	.00037	.00144	.00239	.0024	.00013	.2019
%RSD	312.17	225.45	104.81	151.73	71.948	1087.	98.030	4.9164
#1	.00472	-.00678	-.00016	.00031	.00423	-.0003	-.00002	3.9282
#2	-.00597	.00182	-.00079	-.00252	.00061	-.0018	-.00010	4.0633
#3	-.00427	-.00089	-.00012	-.00064	.00512	.0028	-.00027	4.3252

Sample Name: ICB01 Acquired: 6/25/2019 10:52:06 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .04268
Stddev	.54281
%RSD	1271.8

#1	.37083
#2	.34108
#3	-.58386

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.8	23640.	2026.7	34.617	2179.7
Stddev	7.9	41.	5.8	.436	11.7
%RSD	.40866	.17538	.28748	1.2609	.53517

#1	1944.6	23624.	2027.1	34.630	2175.5
#2	1932.9	23609.	2032.3	35.048	2170.7
#3	1948.0	23687.	2020.7	34.175	2192.9

Sample Name: CRI01 Acquired: 6/25/2019 10:56:33 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01973	.03996	.01319	.02196	.05438	.08086	.11243
Stddev	.00284	.00192	.00024	.00231	.00106	.01283	.00126
%RSD	14.392	4.8122	1.8493	10.541	1.9428	15.863	1.1181

#1	.02250	.04108	.01324	.02097	.05530	.07453	.11373
#2	.01683	.03774	.01292	.02460	.05322	.07242	.11122
#3	.01987	.04107	.01340	.02030	.05460	.09562	.11235

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00686	.00601	2.2095	.01057	.03062	.02284	.11322
Stddev	.00002	.00007	.0288	.00021	.00019	.00041	.00099
%RSD	.32216	1.1428	1.3020	1.9712	.60894	1.7871	.87627

#1	.00687	.00605	2.2406	.01080	.03057	.02309	.11392
#2	.00689	.00593	2.2039	.01049	.03047	.02237	.11209
#3	.00684	.00604	2.1839	.01041	.03083	.02306	.11366

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02392	2.1344	.04132	.01150	2.1432	.04329	.03959
Stddev	.00008	.1041	.00058	.00019	.0096	.00072	.00005
%RSD	.34585	4.8754	1.4033	1.6093	.44797	1.6710	.12147

#1	.02401	2.0147	.04197	.01168	2.1402	.04300	.03953
#2	.02389	2.2039	.04086	.01152	2.1539	.04277	.03962
#3	.02386	2.1845	.04112	.01131	2.1355	.04412	.03962

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0893	.22251	F .12657	.01708	.39933	.03996	.04188
Stddev	.0474	.00076	.01439	.00125	.00266	.00048	.00247
%RSD	2.2702	.34202	11.367	7.3270	.66487	1.2034	5.8988

#1	2.0505	.22186	.11274	.01785	.40007	.03940	.04385
#2	2.0751	.22232	.12551	.01776	.39639	.04029	.04270
#3	2.1422	.22334	.14146	.01564	.40154	.04018	.03911

Sample Name: CRI01 Acquired: 6/25/2019 10:56:33 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .02481	.0192	F .02813	F 3.8476	F<.00000
Stddev	.00072	.0014	.00016	.1495	.56412
%RSD	2.8908	7.315	.58599	3.8847	397.75
#1	.02505	.0186	.02801	3.7935	-.28237
#2	.02538	.0182	.02807	3.7327	-.62239
#3	.02401	.0208	.02832	4.0166	.47928
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.0	23938.	2077.3	33.219	2211.2
Stddev	7.0	18.	3.2	.884	10.5
%RSD	.35358	.07710	.15288	2.6607	.47364
#1	1958.3	23945.	2074.0	32.243	2201.7
#2	1971.7	23953.	2080.4	33.966	2222.4
#3	1968.1	23918.	2077.5	33.448	2209.4

Sample Name: ICSA01 Acquired: 6/25/2019 11:01:01 Type: Unk
 Method: P4-ICP2(v3231) 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	.00191	.00576	-.00045	.00206	.00764	296.04	.00868	.00131
Stddev	.00496	.00213	.00201	.00264	.00067	.91	.00051	.00014
%RSD	259.97	36.966	443.73	128.25	8.7253	.30892	5.8217	10.564
#1	-.00157	.00410	-.00160	.00474	.00720	295.16	.00925	.00139
#2	-.00029	.00502	-.00163	.00198	.00731	295.98	.00847	.00139
#3	.00759	.00816	.00187	-.00054	.00840	296.99	.00831	.00115
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00348	262.87	.05072	-.00059	.01118	102.39	.01392	290.58
Stddev	.00018	1.93	.00034	.00010	.00101	.54	.00021	.97
%RSD	5.0565	.73264	.66417	17.623	9.0608	.52600	1.5000	.33276
#1	-.00368	264.65	.05092	-.00062	.01001	102.93	.01388	289.80
#2	-.00336	260.82	.05092	-.00048	.01169	102.40	.01415	290.28
#3	-.00341	263.13	.05033	-.00068	.01184	101.85	.01374	291.67
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01413	-.00162	.02420	.00094	-.02005	.01256	-.00082	-.03926
Stddev	.00011	.00074	.00343	.00027	.00021	.04001	.00052	.01745
%RSD	.76813	45.372	14.155	28.837	1.0659	318.63	63.268	44.449
#1	-.01425	-.00184	.02798	.00105	-.02029	.04594	-.00131	-.05934
#2	-.01410	-.00223	.02132	.00063	-.01995	.02352	-.00028	-.02779
#3	-.01404	-.00080	.02329	.00113	-.01989	-.03179	-.00085	-.03065
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01624	-.00154	.01195	-.00624	.00413	.0147	F .02600	6.4755
Stddev	.00346	.00138	.00199	.00239	.00108	.0014	.00114	.1265
%RSD	21.301	90.015	16.675	38.314	26.153	9.174	4.3680	1.9541
#1	-.01234	-.00217	.01405	-.00741	.00426	.0132	.02685	6.3581
#2	-.01740	-.00249	.01009	-.00782	.00299	.0155	.02471	6.4589
#3	-.01896	.00005	.01172	-.00349	.00514	.0155	.02643	6.6095

Sample Name: ICSA01 Acquired: 6/25/2019 11:01:01 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	31.171
Stddev	.278
%RSD	.89179

#1	31.015
#2	31.007
#3	31.492

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1804.1	21636.	1984.6	33.034	1780.6
Stddev	11.5	52.	20.3	1.770	12.9
%RSD	.63959	.23853	1.0212	5.3575	.72590

#1	1817.4	21586.	1961.3	31.940	1795.5
#2	1796.5	21634.	1997.1	32.086	1772.6
#3	1798.5	21689.	1995.5	35.076	1773.7

Sample Name: ICSAB01 Acquired: 6/25/2019 11:05:42 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11041	.11854	.05577	.05928	.66329	291.94	.57708
Stddev	.00636	.00331	.00264	.00547	.00274	1.15	.00327
%RSD	5.7614	2.7884	4.7352	9.2222	.41241	.39447	.56698

#1	.11645	.11539	.05292	.05339	.66171	290.70	.57391
#2	.11100	.11823	.05628	.06419	.66170	292.14	.57688
#3	.10377	.12198	.05813	.06026	.66645	292.97	.58045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57938	1.0775	260.60	.59947	.54329	.55100	101.24
Stddev	.00246	.0018	1.34	.00364	.00081	.00263	.32
%RSD	.42431	.17036	.51271	.60754	.14927	.47817	.31516

#1	.57670	1.0757	261.87	.59579	.54268	.55032	101.56
#2	.57993	1.0774	260.72	.59955	.54298	.54876	101.23
#3	.58153	1.0794	259.20	.60307	.54421	.55390	100.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55782	286.29	1.0663	.19995	.02860	.54937	1.1410
Stddev	.00149	.73	.0029	.00258	.01347	.00286	.0025
%RSD	.26795	.25629	.27375	1.2912	47.104	.52140	.22292

#1	.55638	285.46	1.0636	.19710	.01851	.54608	1.1387
#2	.55772	286.84	1.0660	.20214	.04390	.55130	1.1407
#3	.55937	286.57	1.0694	.20059	.02340	.55072	1.1437

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01150	1.0748	1.0857	F -.01937	.95018	1.1058	1.0324
Stddev	.04274	.0082	.0142	.00352	.00191	.0107	.0073
%RSD	371.58	.76123	1.3069	18.191	.20134	.96700	.70931

#1	-.00845	1.0679	1.0911	-.02336	.94798	1.0944	1.0371
#2	-.01761	1.0726	1.0964	-.01668	.95135	1.1074	1.0239
#3	.06057	1.0838	1.0696	-.01808	.95123	1.1156	1.0360

Sample Name: ICSAB01 Acquired: 6/25/2019 11:05:42 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00474	F .0071	F .02526	6.3417	31.396
Stddev	.00369	.0015	.00036	.2525	.117
%RSD	77.842	20.35	1.4149	3.9807	.37111
#1	.00520	.0082	.02521	6.5520	31.493
#2	.00818	.0078	.02563	6.0617	31.267
#3	.00084	.0055	.02492	6.4115	31.428
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.8	21955.	2002.3	30.400	1770.9
Stddev	5.2	18.	14.7	.734	1.8
%RSD	.28812	.08234	.73321	2.4156	.10408
#1	1818.2	21975.	1987.4	30.083	1769.2
#2	1826.8	21941.	2002.7	29.877	1772.9
#3	1817.3	21948.	2016.8	31.239	1770.7

Sample Name: CCV01 Acquired: 6/25/2019 11:10:07 Type: Unk
Method: P4-ICP2(v3231) 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	5.0525	5.0801	4.9954	5.0957	5.1127	10.351	10.238	.25859
Stddev	.0306	.0396	.0433	.0294	.0344	.132	.032	.00051
%RSD	.60523	.78059	.86737	.57601	.67224	1.2766	.31418	.19635
#1	5.0185	5.0373	4.9459	5.0656	5.0730	10.228	10.238	.25888
#2	5.0612	5.1156	5.0267	5.0973	5.1312	10.491	10.270	.25800
#3	5.0778	5.0873	5.0135	5.1242	5.1338	10.335	10.206	.25889
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5068	25.629	1.0252	2.5104	1.2948	5.1712	2.5925	25.578
Stddev	.0209	.051	.0012	.0217	.0073	.0092	.0031	.156
%RSD	.83481	.19913	.11915	.86382	.56775	.17897	.12088	.60953
#1	2.4835	25.603	1.0241	2.4870	1.2866	5.1662	2.5890	25.744
#2	2.5240	25.595	1.0251	2.5297	1.2972	5.1819	2.5949	25.554
#3	2.5130	25.687	1.0265	2.5146	1.3007	5.1656	2.5937	25.435
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5148	1.2796	25.305	2.5698	2.5034	25.288	5.1173	5.1390
Stddev	.0226	.0008	.096	.0056	.0202	.058	.0247	.0197
%RSD	.89731	.06269	.37976	.21984	.80587	.22786	.48325	.38334
#1	2.4896	1.2787	25.277	2.5633	2.4809	25.229	5.0887	5.1172
#2	2.5331	1.2803	25.412	2.5725	2.5200	25.344	5.1307	5.1447
#3	2.5218	1.2797	25.226	2.5736	2.5092	25.289	5.1323	5.1553
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9733	4.9875	4.9988	5.1038	5.1781	5.065	F 5.4371	F 5.4924
Stddev	.0399	.0369	.0287	.0252	.0233	.036	.0257	.3227
%RSD	.80175	.74011	.57383	.49375	.44912	.7062	.47273	5.8748
#1	4.9278	4.9923	4.9692	5.0815	5.1706	5.023	5.4464	5.1945
#2	4.9901	4.9484	5.0265	5.0987	5.1596	5.083	5.4080	5.4477
#3	5.0021	5.0217	5.0007	5.1312	5.2042	5.087	5.4568	5.8352

Sample Name: CCV01 Acquired: 6/25/2019 11:10:07 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.8011
Stddev .2671
%RSD 9.5343

#1 3.1006
#2 2.5878
#3 2.7150

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1893.6	23034.	2016.1	33.818	1953.7
Stddev	4.3	33.	12.8	.836	9.3
%RSD	.22746	.14329	.63567	2.4712	.47500

#1	1897.2	23009.	2012.6	32.941	1964.1
#2	1894.7	23022.	2030.3	34.605	1946.3
#3	1888.8	23071.	2005.4	33.907	1950.7

Sample Name: LLCCV01 Acquired: 6/25/2019 11:20:08 Type: Unk
Method: P4-ICP2(v3231) 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	.01791	.03920	.01236	.02392	.05169	.11245	.10726	.00660
Stddev	.00052	.00081	.00100	.00201	.00170	.01895	.00117	.00005
%RSD	2.9088	2.0769	8.0840	8.3873	3.2827	16.851	1.0893	.70098

#1	.01831	.03853	.01230	.02594	.04973	.12524	.10591	.00655
#2	.01732	.03897	.01139	.02389	.05258	.12143	.10794	.00661
#3	.01810	.04011	.01338	.02192	.05275	.09068	.10792	.00664

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00577	2.0640	.01028	.02958	.02294	.10862	.02290	2.0427
Stddev	.00003	.0335	.00041	.00026	.00026	.00124	.00016	.0196
%RSD	.60342	1.6231	3.9718	.88303	1.1148	1.1372	.71468	.95959

#1	.00573	2.0980	.01066	.02987	.02323	.11005	.02288	2.0547
#2	.00580	2.0631	.00985	.02936	.02284	.10801	.02307	2.0534
#3	.00577	2.0310	.01032	.02951	.02275	.10782	.02274	2.0201

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03996	.01100	2.0289	.04227	.03830	1.9422	.21401	.11146
Stddev	.00052	.00048	.0112	.00099	.00017	.0249	.00134	.02006
%RSD	1.3128	4.3345	.55294	2.3403	.45149	1.2795	.62705	18.000

#1	.03940	.01097	2.0174	.04130	.03823	1.9135	.21256	.12252
#2	.04044	.01148	2.0294	.04222	.03817	1.9569	.21425	.08830
#3	.04004	.01053	2.0398	.04328	.03849	1.9563	.21521	.12356

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .01442	.38192	.03968	.03896	.02279	.0189	F .02607	F 4.8167
Stddev	.00378	.00868	.00053	.00346	.00087	.0019	.00075	.0031
%RSD	26.193	2.2723	1.3384	8.8770	3.7950	9.954	2.8892	.06522

#1	.01255	.38964	.03907	.03729	.02309	.0198	.02682	4.8183
#2	.01877	.38361	.03988	.04294	.02182	.0203	.02608	4.8130
#3	.01194	.37253	.04007	.03666	.02347	.0168	.02531	4.8186

Sample Name: LLCCV01 Acquired: 6/25/2019 11:20:08 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .92063
Stddev	.71212
%RSD	77.351

#1	.43586
#2	1.7382
#3	.58780

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1927.4	23544.	2062.5	33.394	2163.8
Stddev	5.5	59.	55.0	2.357	3.6
%RSD	.28437	.25255	2.6678	7.0595	.16864

#1	1928.0	23549.	2013.8	31.461	2161.9
#2	1921.6	23481.	2051.5	32.700	2161.4
#3	1932.5	23600.	2122.2	36.020	2168.0

Sample Name: CCB01 Acquired: 6/25/2019 11:24:37 Type: Unk
Method: P4-ICP2(v3231) 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	-.00286	-.00133	-.00081	.00161	-.00241	-.01698	.00155	.00011
Stddev	.00122	.00153	.00087	.00380	.00160	.02251	.00059	.00015
%RSD	42.547	114.55	107.29	236.44	66.623	132.58	38.210	130.00
#1	-.00286	-.00164	-.00083	.00305	-.00343	-.04276	.00210	.00003
#2	-.00164	.00032	-.00167	-.00270	-.00056	-.00700	.00162	.00003
#3	-.00408	-.00269	.00007	.00449	-.00323	-.00119	.00092	.00028
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.00782	.00019	.00027	-.00035	-.00014	.00002	-.02731
Stddev	.00025	.00769	.00023	.00018	.00025	.00080	.00002	.03952
%RSD	175.63	98.419	119.69	67.911	70.778	558.37	106.51	144.68
#1	.00002	-.01666	.00045	.00014	-.00043	.00078	.00003	.01720
#2	-.00042	-.00262	.00009	.00048	-.00054	-.00056	-.00000	-.04087
#3	-.00002	-.00417	.00003	.00019	-.00007	-.00065	.00004	-.05826
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	-.00013	-.00217	-.00037	-.00035	-.03844	-.00038	-.01043
Stddev	.00025	.00023	.00397	.00026	.00011	.01792	.00039	.03180
%RSD	87.513	179.50	182.70	70.020	32.586	46.614	102.35	305.00
#1	-.00046	-.00000	.00236	-.00060	-.00040	-.03506	.00001	-.02250
#2	-.00041	-.00039	-.00503	-.00040	-.00043	-.02245	-.00076	.02564
#3	.00000	.00001	-.00385	-.00009	-.00022	-.05781	-.00038	-.03442
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00437	-.00280	.00014	.00087	.00333	-.0001	.00003	F 4.1675
Stddev	.00169	.00053	.00025	.00222	.00031	.0015	.00011	.3622
%RSD	38.656	18.786	180.95	256.86	9.3216	1859.	385.29	8.6914
#1	-.00242	-.00329	.00018	-.00016	.00340	-.0015	.00016	4.1857
#2	-.00544	-.00224	-.00013	.00342	.00360	.0016	-.00004	4.5203
#3	-.00524	-.00287	.00037	-.00066	.00299	-.0004	-.00003	3.7966

Sample Name: CCB01 Acquired: 6/25/2019 11:24:37 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .48550
Stddev	.30573
%RSD	62.973

#1	.35336
#2	.83507
#3	.26806

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1945.8	23721.	2038.4	33.965	2187.1
Stddev	4.0	64.	17.1	1.860	2.9
%RSD	.20644	.26902	.84091	5.4761	.13298

#1	1950.3	23647.	2050.9	35.670	2184.4
#2	1942.6	23759.	2018.9	34.243	2190.2
#3	1944.6	23757.	2045.5	31.982	2186.8

Sample Name: LR CHECK 1 Acquired: 6/25/2019 11:45:36 Type: Unk
Method: P4-ICP2(v3231) 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	-.04634	.03534	.15901	-.29995	.09780	1950.7	.01361	.04611
Stddev	.00930	.00242	.01017	.00426	.00991	13.7	.00106	.00034
%RSD	20.079	6.8342	6.3979	1.4192	10.128	.70292	7.7962	.73476

#1	-.04254	.03337	.16770	-.29503	.08904	1935.5	.01269	.04645
#2	-.03953	.03461	.16151	-.30240	.10855	1954.4	.01477	.04577
#3	-.05694	.03803	.14782	-.30241	.09581	1962.2	.01337	.04610

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11242	1821.3	-.09905	.09405	.20724	972.36	.10342	1657.4
Stddev	.00073	4.9	.00054	.00052	.00028	2.66	.00031	1.7
%RSD	.65028	.26635	.54390	.55308	.13335	.27317	.30208	.10207

#1	.11165	1826.9	-.09915	.09358	.20703	975.34	.10313	1658.8
#2	.11250	1819.0	-.09953	.09397	.20755	971.48	.10375	1657.8
#3	.11311	1818.0	-.09846	.09461	.20714	970.25	.10337	1655.5

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.08146	-.12240	1683.4	.01231	.33865	1031.0	-.00585	-1.8894
Stddev	.00135	.00154	17.5	.00060	.00073	8.9	.00106	.0310
%RSD	1.6541	1.2594	1.0420	4.8605	.21647	.86148	18.173	1.6386

#1	-.08216	-.12076	1666.5	.01205	.33933	1026.7	-.00686	-1.8901
#2	-.08232	-.12382	1701.5	.01189	.33788	1041.2	-.00593	-1.8581
#3	-.07991	-.12262	1682.1	.01300	.33875	1025.0	-.00474	-1.9200

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27800	.01093	.11224	-.07931	.01890	.1440	-1.0495	<.00000
Stddev	.02647	.00215	.00510	.00153	.00142	.0047	.0031	.30752
%RSD	9.5230	19.624	4.5412	1.9273	7.4965	3.294	.29071	3.8546

#1	.27846	.00846	.11543	-.08026	.01749	.1493	-1.0530	-8.2268
#2	.30424	.01217	.10636	-.07755	.01889	.1426	-1.0486	-8.0735
#3	.25130	.01218	.11494	-.08013	.02033	.1401	-1.0471	-7.6343

Sample Name: LR CHECK 1 Acquired: 6/25/2019 11:45:36 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1490.0	17661.	1809.1	25.711	993.26
Stddev	5.4	38.	5.5	1.056	.52
%RSD	.35978	.21303	.30557	4.1059	.05266

#1	1495.1	17630.	1803.0	25.872	993.77
#2	1484.4	17652.	1810.5	26.676	992.72
#3	1490.4	17703.	1813.8	24.584	993.29

Sample Name: LR CHECK 2 Acquired: 6/25/2019 11:50:33 Type: Unk
Method: P4-ICP2(v3231) 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	-.00593	-.01148	241.51	.02873	-.04011	-.21635	F .09919	-.00281
Stddev	.00449	.00200	1.08	.00068	.00099	.02384	.00172	.00014
%RSD	75.651	17.415	.44916	2.3679	2.4736	11.018	1.7358	4.8265
#1	-.00238	-.01212	242.68	.02816	-.04125	-.21805	.09756	-.00278
#2	-.00444	-.01309	241.33	.02856	-.03952	-.23928	.10099	-.00270
#3	-.01097	-.00924	240.53	.02948	-.03955	-.19170	.09904	-.00296
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00913	.27515	-.12956	.01234	226.26	-.75735	46.601	-.17212
Stddev	.00017	.01747	.00106	.00040	1.39	.00217	.112	.05049
%RSD	1.8852	6.3499	.81652	3.2615	.61537	.28681	.23960	29.333
#1	-.00931	.27390	-.13075	.01188	227.42	-.75856	46.610	-.12603
#2	-.00910	.25833	-.12919	.01260	226.64	-.75864	46.708	-.22608
#3	-.00897	.29321	-.12874	.01254	224.72	-.75484	46.485	-.16424
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.833	.00688	1.4789	-.23569	31.699	2.5012	-.01088	.00117
Stddev	.263	.00033	.0921	.00131	.192	.3762	.00015	.00662
%RSD	.48922	4.8324	6.2273	.55570	.60467	15.042	1.4232	565.81
#1	54.089	.00704	1.5708	-.23425	31.897	2.8957	-.01072	-.00371
#2	53.848	.00649	1.4791	-.23680	31.687	2.4614	-.01091	-.00149
#3	53.563	.00710	1.3866	-.23603	31.514	2.1464	-.01102	.00871
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02402	-.00131	.00295	.00398	.00716	-2.332	.00090	5.3963
Stddev	.00252	.00391	.00056	.00051	.00100	.010	.00019	.1929
%RSD	10.493	298.30	18.967	12.731	13.973	.4404	21.368	3.5755
#1	-.02195	-.00123	.00231	.00402	.00691	-2.334	.00111	5.3825
#2	-.02683	.00256	.00335	.00446	.00827	-2.321	.00073	5.5958
#3	-.02330	-.00525	.00319	.00345	.00631	-2.341	.00087	5.2106

Sample Name: LR CHECK 2 Acquired: 6/25/2019 11:50:33 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.74872
Stddev	.48999
%RSD	65.443

#1	1.3102
#2	.52869
#3	.40732

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1984.8	24876.	2095.2	34.277	2096.3
Stddev	17.3	90.	4.3	.409	20.1
%RSD	.87389	.36211	.20501	1.1924	.95819

#1	1968.5	24832.	2091.4	34.064	2076.1
#2	1982.8	24817.	2094.5	34.018	2096.4
#3	2003.0	24980.	2099.8	34.748	2116.2

Sample Name: K3155-02 Acquired: 6/25/2019 12:08:01 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01622	.00017	.05680	.01135	-.00066	55.562	.37010	.00506
Stddev	.00073	.00167	.00171	.00337	.00089	.107	.00186	.00008
%RSD	4.5071	982.41	3.0075	29.691	134.26	.19176	.50380	1.5982

#1	.01574	-.00173	.05597	.00967	.00010	55.620	.37167	.00502
#2	.01587	.00080	.05876	.00915	-.00045	55.627	.36804	.00515
#3	.01706	.00144	.05566	.01523	-.00163	55.439	.37058	.00500

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00233	17.448	.10543	.07626	.17602	123.68	4.4723	35.614
Stddev	.00011	.039	.00050	.00026	.00033	.56	.0101	.215
%RSD	4.5905	.22121	.47197	.33930	.18577	.45592	.22699	.60491

#1	-.00227	17.473	.10595	.07626	.17564	123.92	4.4656	35.668
#2	-.00228	17.467	.10539	.07600	.17621	123.04	4.4672	35.377
#3	-.00246	17.403	.10495	.07652	.17620	124.09	4.4839	35.798

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31502	.00045	3.3064	.12408	.56259	10.456	.00118	.00388
Stddev	.00025	.00054	.0156	.00071	.00205	.098	.00020	.03305
%RSD	.07852	120.43	.47311	.57044	.36500	.94173	16.551	850.89

#1	.31522	.00006	3.3156	.12474	.56116	10.455	.00116	-.03271
#2	.31511	.00106	3.3152	.12333	.56168	10.358	.00100	.01279
#3	.31475	.00022	3.2883	.12416	.56494	10.555	.00139	.03157

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23349	3.0124	.00886	1.5598	.09800	5.326	-.01782	.86596
Stddev	.00272	.0496	.00048	.0125	.00203	.014	.00051	.39849
%RSD	1.1634	1.6450	5.4356	.79912	2.0692	.2571	2.8347	46.017

#1	.23660	2.9599	.00901	1.5566	.09701	5.313	-.01825	.52474
#2	.23226	3.0189	.00924	1.5493	.09665	5.325	-.01726	.76923
#3	.23161	3.0584	.00832	1.5736	.10033	5.340	-.01795	1.3039

Sample Name: K3155-02 Acquired: 6/25/2019 12:08:01 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B11 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 41.077
 Stddev .669
 %RSD 1.6293

#1 40.305
 #2 41.454
 #3 41.473

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.0	27002.	2380.3	34.636	2040.8
Stddev	10.4	110.	7.5	1.967	10.7
%RSD	.46891	.40696	.31635	5.6795	.52267

#1	2211.9	26942.	2372.8	32.746	2042.5
#2	2225.3	27129.	2387.8	34.490	2050.5
#3	2204.9	26936.	2380.3	36.672	2029.3

Sample Name: K3155-02DUP Acquired: 6/25/2019 12:12:26 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B11DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01806	-.00149	.05504	.01355	.00050	56.018	.37152	.00505
Stddev	.00448	.00088	.00257	.00087	.00062	.290	.00287	.00010
%RSD	24.829	58.849	4.6703	6.4108	123.43	.51705	.77340	2.0450

#1	.01522	-.00079	.05394	.01315	-.00018	55.899	.36977	.00511
#2	.01573	-.00248	.05798	.01295	.00104	56.348	.37483	.00494
#3	.02323	-.00121	.05320	.01454	.00065	55.806	.36995	.00512

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00255	17.445	.10658	.07635	.17733	124.56	4.5032	35.793
Stddev	.00017	.052	.00055	.00078	.00125	.69	.0080	.218
%RSD	6.5845	.29533	.51327	1.0230	.70627	.55000	.17768	.61014

#1	-.00241	17.410	.10720	.07545	.17751	123.86	4.5009	35.629
#2	-.00274	17.421	.10638	.07678	.17848	125.23	4.4965	36.041
#3	-.00250	17.504	.10617	.07682	.17599	124.59	4.5120	35.710

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31601	.00015	3.2305	.12588	.56620	10.373	.00089	-.01276
Stddev	.00167	.00072	.0167	.00028	.00237	.087	.00006	.01943
%RSD	.52738	483.07	.51654	.22021	.41933	.84123	6.6823	152.27

#1	.31733	-.00035	3.2416	.12565	.56859	10.385	.00083	-.01842
#2	.31413	.00097	3.2385	.12581	.56385	10.454	.00095	-.02873
#3	.31655	-.00018	3.2113	.12619	.56615	10.281	.00088	.00887

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23948	2.9770	.00926	1.5853	.09906	5.314	-.01884	1.1601
Stddev	.00154	.0687	.00037	.0218	.00084	.025	.00119	.3043
%RSD	.64278	2.3063	3.9909	1.3755	.84983	.4806	6.3280	26.229

#1	.23940	2.9039	.00963	1.6089	.09995	5.339	-.01751	1.3679
#2	.23798	2.9867	.00927	1.5658	.09898	5.288	-.01981	.81083
#3	.24106	3.0402	.00889	1.5814	.09827	5.313	-.01921	1.3015

Sample Name: K3155-02DUP Acquired: 6/25/2019 12:12:26 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B11DUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	41.568
Stddev	.877
%RSD	2.1109

#1	41.942
#2	40.566
#3	42.197

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2217.0	26852.	2361.0	33.223	2041.8
Stddev	8.7	68.	9.2	.932	8.0
%RSD	.39118	.25257	.38928	2.8053	.39218

#1	2208.8	26855.	2356.4	33.716	2032.5
#2	2216.3	26783.	2371.6	33.805	2046.9
#3	2226.1	26919.	2355.0	32.148	2045.9

Sample Name: K3155-02LX5 Acquired: 6/25/2019 12:16:48 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8352 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00318	-.00096	.01261	-.00019	-.00172	12.570	.08452	.00115
Stddev	.00099	.00040	.00031	.00385	.00301	.106	.00167	.00002
%RSD	31.195	42.124	2.4617	2079.4	175.57	.84226	1.9760	1.9839
#1	.00332	-.00049	.01234	.00414	-.00505	12.521	.08259	.00118
#2	.00410	-.00118	.01253	-.00321	-.00091	12.497	.08542	.00113
#3	.00213	-.00120	.01295	-.00149	.00082	12.691	.08555	.00115
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00114	3.9941	.02453	.01550	.04174	29.774	1.0319	8.0347
Stddev	.00015	.0155	.00075	.00029	.00044	.014	.0005	.1757
%RSD	13.487	.38753	3.0433	1.8855	1.0568	.04710	.04577	2.1874
#1	-.00132	4.0056	.02504	.01547	.04218	29.790	1.0319	8.0045
#2	-.00102	4.0003	.02367	.01522	.04130	29.770	1.0314	7.8760
#3	-.00109	3.9765	.02488	.01580	.04173	29.763	1.0323	8.2236
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06417	.00082	.90088	.02812	.11311	2.4880	-.00009	-.01182
Stddev	.00051	.00076	.00776	.00021	.00051	.0087	.00036	.01293
%RSD	.79613	92.806	.86187	.74702	.44679	.34995	386.94	109.39
#1	.06431	.00064	.90765	.02831	.11362	2.4862	.00023	-.01637
#2	.06361	.00165	.89241	.02790	.11311	2.4804	-.00004	.00277
#3	.06460	.00016	.90259	.02814	.11261	2.4975	-.00047	-.02187
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04354	.67800	.00261	.35886	.02383	1.069	-.00561	4.4433
Stddev	.00157	.01332	.00065	.00334	.00072	.010	.00007	.1633
%RSD	3.6086	1.9649	24.927	.92971	3.0192	.9419	1.2811	3.6751
#1	.04289	.67936	.00287	.35696	.02343	1.080	-.00565	4.3879
#2	.04534	.66404	.00187	.35690	.02467	1.067	-.00552	4.6271
#3	.04241	.69058	.00309	.36271	.02341	1.061	-.00565	4.3149

Sample Name: K3155-02LX5 Acquired: 6/25/2019 12:16:48 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8352 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.4120
Stddev	.1204
%RSD	1.4318

#1	8.4153
#2	8.2899
#3	8.5307

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1998.1	24456.	2108.3	34.041	2120.3
Stddev	16.5	74.	18.0	.803	15.3
%RSD	.82685	.30293	.85384	2.3575	.71928

#1	1979.1	24378.	2091.8	34.898	2102.9
#2	2009.0	24526.	2105.5	33.918	2126.4
#3	2006.2	24465.	2127.5	33.307	2131.6

Sample Name: K3155-02A Acquired: 6/25/2019 12:21:10 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8352 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67537	1.9445	1.0150	1.6708	.22591	61.115	.62922	.18102	.19056
Stddev	.00182	.0039	.0028	.0037	.00168	.253	.00301	.00101	.00030
%RSD	.26877	.20235	.27755	.22089	.74362	.41357	.47772	.56018	.15653

#1	.67337	1.9410	1.0158	1.6693	.22692	60.863	.62608	.18170	.19083
#2	.67583	1.9487	1.0119	1.6751	.22397	61.368	.63206	.17985	.19024
#3	.67692	1.9437	1.0173	1.6682	.22684	61.114	.62953	.18149	.19061

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.512	.47239	.27702	.44866	123.09	4.7462	38.199	.81605	.06386
Stddev	.263	.00120	.00080	.00084	.50	.0050	.199	.00238	.00030
%RSD	1.3460	.25408	.28754	.18738	.40677	.10574	.52091	.29114	.46822

#1	19.215	.47376	.27783	.44839	122.53	4.7466	38.040	.81365	.06356
#2	19.712	.47189	.27624	.44960	123.50	4.7410	38.423	.81840	.06385
#3	19.610	.47151	.27699	.44798	123.25	4.7510	38.135	.81610	.06416

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0681	.39860	.84237	19.435	.33864	.24275	.24739	2.6406	.66992
Stddev	.0102	.00185	.00216	.109	.00039	.02059	.00463	.0790	.00139
%RSD	.16831	.46396	.25669	.56119	.11568	8.4803	1.8715	2.9925	.20703

#1	6.0782	.39719	.84485	19.383	.33880	.24403	.24602	2.5727	.66893
#2	6.0685	.39791	.84138	19.560	.33893	.26267	.25255	2.7273	.66933
#3	6.0578	.40069	.84087	19.362	.33819	.22156	.24360	2.6218	.67151

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	1.9372	.28211	F 11.23	.21577	2.2228	38.395			
Stddev	.0319	.00667	.02	.00604	.2705	.870			
%RSD	1.6462	2.3632	.2109	2.8006	12.170	2.2655			

#1	1.9007	.27452	11.23	.20883	2.1218	38.927			
#2	1.9598	.28699	11.21	.21983	2.0174	37.391			
#3	1.9510	.28483	11.26	.21867	2.5293	38.867			

Sample Name: K3155-02A Acquired: 6/25/2019 12:21:10 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8352 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	2145.8	26208.	2301.9	32.489	1965.3
Stddev	5.8	40.	26.0	1.143	3.2
%RSD	.26982	.15170	1.1309	3.5171	.16477
#1	2139.1	26163.	2331.2	33.803	1962.0
#2	2148.3	26221.	2281.5	31.935	1965.7
#3	2149.9	26239.	2293.1	31.728	1968.4

Sample Name: K3155-02MS Acquired: 6/25/2019 12:25:21 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B11MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69112	2.0088	1.0447	1.7142	.23218	63.199	.62498	.18648	.19611
Stddev	.00076	.0037	.0024	.0083	.00219	.415	.00227	.00041	.00032
%RSD	.11046	.18412	.22529	.48554	.94400	.65630	.36326	.21941	.16387
#1	.69143	2.0090	1.0422	1.7066	.23081	63.157	.62578	.18644	.19617
#2	.69025	2.0050	1.0452	1.7231	.23102	62.808	.62241	.18691	.19576
#3	.69168	2.0124	1.0468	1.7129	.23471	63.634	.62674	.18609	.19639
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.411	.48434	.28490	.46135	126.84	4.8110	39.233	.83841	.06565
Stddev	.019	.00079	.00045	.00187	.45	.0064	.429	.00140	.00033
%RSD	.09499	.16374	.15790	.40505	.35747	.13364	1.0933	.16649	.50303
#1	20.423	.48377	.28438	.46069	127.15	4.8176	39.384	.83926	.06545
#2	20.422	.48401	.28511	.46346	127.05	4.8048	38.750	.83680	.06546
#3	20.389	.48525	.28520	.45990	126.32	4.8106	39.567	.83917	.06603
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2543	.40969	.87892	20.058	.34812	.24859	.26499	2.7228	.69228
Stddev	.0561	.00333	.00112	.145	.00132	.02503	.00380	.0659	.00221
%RSD	.89756	.81220	.12780	.72424	.38033	10.067	1.4355	2.4198	.31995
#1	6.2278	.40752	.88021	20.067	.34660	.26632	.26873	2.7980	.69436
#2	6.2164	.41352	.87839	19.909	.34901	.21996	.26113	2.6751	.69252
#3	6.3188	.40803	.87815	20.199	.34875	.25947	.26511	2.6954	.68995
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	2.0542	.29776	F 11.50	.22828	2.5691	38.864			
Stddev	.0034	.00045	.02	.00096	.1779	.889			
%RSD	.16285	.14987	.2105	.42189	6.9263	2.2871			
#1	2.0511	.29820	11.53	.22751	2.7722	39.085			
#2	2.0578	.29775	11.49	.22936	2.4941	39.622			
#3	2.0538	.29731	11.48	.22797	2.4409	37.886			

Sample Name: K3155-02MS Acquired: 6/25/2019 12:25:21 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B11MS 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	2110.6	25815.	2224.5	32.520	1924.0
Stddev	5.8	43.	14.6	1.144	2.7
%RSD	.27543	.16523	.65812	3.5191	.14153
#1	2117.3	25766.	2221.0	32.782	1927.0
#2	2106.4	25839.	2212.0	33.510	1923.2
#3	2108.3	25841.	2240.6	31.267	1921.7

Sample Name: K3155-02MSD Acquired: 6/25/2019 12:29:35 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B11MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69376	2.0204	1.0532	1.7189	.23470	63.893	.62943	.18773	.19728
Stddev	.00382	.0061	.0054	.0028	.00061	.465	.00346	.00023	.00037
%RSD	.55019	.30338	.51132	.16385	.25878	.72781	.55016	.12267	.18857
#1	.69565	2.0182	1.0579	1.7208	.23540	63.362	.62558	.18754	.19766
#2	.69625	2.0273	1.0543	1.7203	.23431	64.093	.63043	.18767	.19728
#3	.68936	2.0156	1.0473	1.7157	.23439	64.225	.63228	.18799	.19691
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.374	.48690	.28648	.46369	128.75	4.8542	39.749	.84388	.06566
Stddev	.023	.00125	.00018	.00126	.10	.0029	.157	.00062	.00038
%RSD	.11171	.25624	.06397	.27231	.07493	.05886	.39511	.07382	.58630
#1	20.398	.48550	.28663	.46447	128.71	4.8573	39.570	.84414	.06567
#2	20.353	.48791	.28627	.46436	128.68	4.8537	39.813	.84434	.06528
#3	20.370	.48728	.28654	.46223	128.86	4.8516	39.864	.84317	.06605
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.2829	.41310	.85785	20.301	.35198	.24690	.25724	2.6940	.69873
Stddev	.0284	.00083	.00364	.167	.00150	.01022	.01166	.0550	.00196
%RSD	.45141	.20193	.42432	.82368	.42476	4.1379	4.5344	2.0411	.28088
#1	6.2542	.41251	.85401	20.119	.35362	.24996	.24423	2.7573	.70090
#2	6.2835	.41405	.86124	20.447	.35070	.25524	.26676	2.6581	.69822
#3	6.3109	.41274	.85831	20.338	.35162	.23550	.26072	2.6667	.69707
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	2.0461	.30228	F 11.52	.22801	3.3373	39.678			
Stddev	.0103	.00157	.01	.00250	.2127	.597			
%RSD	.50489	.51830	.0796	1.0969	6.3747	1.5053			
#1	2.0551	.30408	11.51	.23071	3.5574	40.367			
#2	2.0348	.30154	11.53	.22576	3.1328	39.330			
#3	2.0485	.30121	11.52	.22757	3.3216	39.336			

Sample Name: K3155-02MSD Acquired: 6/25/2019 12:29:35 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B11MSD 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	2099.6	25664.	2215.7	31.418	1914.9
Stddev	7.8	23.	21.1	1.080	6.6
%RSD	.37112	.08884	.95271	3.4363	.34671
#1	2105.9	25690.	2191.4	30.278	1921.2
#2	2090.9	25652.	2229.3	31.552	1908.0
#3	2101.9	25649.	2226.5	32.425	1915.5

Sample Name: K3155-04 Acquired: 6/25/2019 12:33:47 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04001	-.00440	.26740	.00797	.00364	90.384	.68327	.00820
Stddev	.00126	.00272	.00224	.00273	.00097	.132	.00116	.00035
%RSD	3.1512	61.724	.83940	34.218	26.722	.14632	.16934	4.2953

#1	.04017	-.00144	.26529	.00572	.00430	90.278	.68203	.00782
#2	.03868	-.00677	.26716	.01101	.00410	90.532	.68433	.00852
#3	.04119	-.00500	.26976	.00720	.00253	90.341	.68344	.00827

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00247	23.168	.19156	.20160	.33764	190.71	7.4807	100.73
Stddev	.00038	.145	.00062	.00065	.00115	1.27	.0604	.30
%RSD	15.441	.62487	.32586	.32314	.33919	.66368	.80772	.30270

#1	-.00279	23.323	.19086	.20143	.33895	191.38	7.4959	100.94
#2	-.00257	23.036	.19173	.20106	.33715	191.49	7.5321	100.88
#3	-.00205	23.146	.19208	.20232	.33682	189.25	7.4141	100.38

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0056	-.00030	1.2426	.21392	1.1229	16.325	.00241	-.02273
Stddev	.0041	.00039	.0085	.00124	.0032	.083	.00014	.01588
%RSD	.20387	128.76	.68363	.58014	.28664	.50548	5.7751	69.847

#1	2.0023	.00015	1.2371	.21402	1.1192	16.301	.00230	-.02127
#2	2.0042	-.00055	1.2382	.21263	1.1246	16.416	.00257	-.03929
#3	2.0102	-.00051	1.2523	.21510	1.1249	16.257	.00236	-.00764

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47631	3.2410	.02245	3.2318	.14451	6.629	-.03359	.27003
Stddev	.00657	.0183	.00026	.0101	.00113	.011	.00145	.15286
%RSD	1.3801	.56479	1.1405	.31233	.78422	.1618	4.3061	56.609

#1	.46914	3.2589	.02260	3.2432	.14343	6.619	-.03392	.12803
#2	.48205	3.2418	.02215	3.2282	.14441	6.627	-.03484	.43182
#3	.47775	3.2223	.02259	3.2240	.14569	6.640	-.03200	.25024

Sample Name: K3155-04 Acquired: 6/25/2019 12:33:47 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B06 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 66.747
 Stddev .734
 %RSD 1.0995

#1 66.017
 #2 66.741
 #3 67.484

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.2	27013.	2382.2	32.757	1897.5
Stddev	1.3	100.	11.1	.828	4.4
%RSD	.05958	.36863	.46454	2.5269	.23220

#1	2215.5	26939.	2369.4	33.671	1902.2
#2	2212.9	26975.	2388.6	32.059	1897.0
#3	2214.0	27126.	2388.6	32.539	1893.4

Sample Name: K3156-05 Acquired: 6/25/2019 12:38:14 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-062419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02967	-.01088	.13730	.00170	.00112	96.636	.57955	.01047
Stddev	.00035	.00295	.00219	.00246	.00285	.418	.00238	.00024
%RSD	1.1797	27.142	1.5984	145.27	253.54	.43234	.41097	2.3346

#1	.03001	-.01271	.13811	.00359	-.00003	96.871	.58230	.01034
#2	.02969	-.01246	.13898	-.00109	-.00097	96.884	.57822	.01076
#3	.02931	-.00748	.13482	.00258	.00437	96.154	.57814	.01032

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00620	60.362	.24981	.15193	.28385	215.72	3.4840	54.471
Stddev	.00031	1.225	.00273	.00009	.00162	1.16	.0073	.284
%RSD	4.9740	2.0293	1.0914	.06221	.57061	.53732	.20796	.52210

#1	.00655	61.775	.25143	.15188	.28562	215.16	3.4859	54.726
#2	.00609	59.722	.25134	.15204	.28352	217.06	3.4902	54.524
#3	.00597	59.591	.24666	.15186	.28243	214.95	3.4760	54.164

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24940	-.00384	5.2025	.26616	.73567	13.643	.00543	-.03767
Stddev	.00076	.00012	.0226	.00105	.00344	.061	.00025	.01119
%RSD	.30328	3.1769	.43411	.39560	.46808	.44647	4.6410	29.693

#1	.24882	-.00377	5.2068	.26685	.73589	13.660	.00561	-.04408
#2	.25026	-.00398	5.2226	.26668	.73900	13.575	.00555	-.04418
#3	.24914	-.00376	5.1781	.26495	.73213	13.694	.00514	-.02476

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0850	2.4131	.01835	3.2977	.12815	F 11.00	-.06869	<.00000
Stddev	.0155	.0821	.00045	.0632	.00441	.04	.00498	.34262
%RSD	.37980	3.4022	2.4658	1.9157	3.4400	.3629	7.2442	3.2423

#1	4.1002	2.5077	.01835	3.3681	.13324	11.00	-.06322	-10.946
#2	4.0857	2.3698	.01790	3.2460	.12569	11.04	-.07295	-10.476
#3	4.0692	2.3617	.01881	3.2790	.12553	10.96	-.06991	-10.280

Sample Name: K3156-05 Acquired: 6/25/2019 12:38:14 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-02-062419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	89.986
Stddev	.729
%RSD	.80969

#1	89.216
#2	90.075
#3	90.665

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2884.1	35304.	3139.8	31.105	1821.4
Stddev	2.8	101.	58.2	1.862	6.7
%RSD	.09826	.28607	1.8539	5.9856	.36667

#1	2886.8	35251.	3072.6	30.117	1822.9
#2	2884.2	35241.	3174.5	33.253	1814.2
#3	2881.2	35421.	3172.2	29.946	1827.3

Sample Name: CCV02 Acquired: 6/25/2019 12:42:31 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9874	5.1328	4.9841	5.0627	5.1229	10.377	10.100	.25883
Stddev	.0173	.0077	.0146	.0023	.0038	.027	.019	.00046
%RSD	.34679	.15012	.29191	.04630	.07386	.26074	.18481	.17948
#1	4.9716	5.1255	4.9739	5.0637	5.1186	10.346	10.101	.25898
#2	5.0059	5.1319	5.0008	5.0600	5.1252	10.392	10.080	.25830
#3	4.9848	5.1409	4.9777	5.0643	5.1251	10.393	10.117	.25919
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5133	25.361	1.0184	2.5286	1.2949	5.1614	2.5929	25.260
Stddev	.0023	.163	.0020	.0022	.0015	.0040	.0039	.117
%RSD	.09009	.64441	.19873	.08540	.11898	.07743	.14858	.46156
#1	2.5107	25.524	1.0199	2.5262	1.2933	5.1589	2.5962	25.368
#2	2.5146	25.197	1.0161	2.5304	1.2951	5.1593	2.5887	25.137
#3	2.5147	25.362	1.0191	2.5292	1.2963	5.1660	2.5938	25.276
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5147	1.2629	25.096	2.5600	2.4902	25.140	5.0825	5.0432
Stddev	.0041	.0039	.083	.0037	.0045	.080	.0062	.0555
%RSD	.16217	.30501	.32947	.14659	.18208	.31870	.12165	1.1003
#1	2.5101	1.2662	25.129	2.5631	2.4852	25.078	5.0770	5.1041
#2	2.5163	1.2587	25.002	2.5558	2.4942	25.112	5.0813	4.9956
#3	2.5178	1.2637	25.157	2.5611	2.4911	25.230	5.0892	5.0299
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9540	4.8851	4.9891	5.0039	5.1545	5.131	5.4225	F 7.3566
Stddev	.0132	.0159	.0112	.0241	.0200	.009	.0297	.0418
%RSD	.26677	.32504	.22430	.48119	.38848	.1693	.54856	.56841
#1	4.9570	4.9013	4.9862	5.0229	5.1765	5.124	5.4550	7.3666
#2	4.9396	4.8845	5.0014	5.0121	5.1373	5.141	5.4159	7.3107
#3	4.9655	4.8696	4.9796	4.9768	5.1498	5.129	5.3966	7.3925

Sample Name: CCV02 Acquired: 6/25/2019 12:42:31 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.1140
Stddev	.1101
%RSD	3.5358

#1	2.9978
#2	3.2167
#3	3.1274

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1853.0	22570.	1972.8	31.780	1903.5
Stddev	2.0	81.	15.5	.513	2.5
%RSD	.11023	.36070	.78575	1.6132	.12958

#1	1852.9	22481.	1955.3	31.371	1904.8
#2	1851.1	22640.	1977.9	32.355	1900.6
#3	1855.1	22590.	1985.0	31.613	1905.1

Sample Name: CCB02 Acquired: 6/25/2019 12:46:30 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00236	-.00093	-.00054	.00073	-.00079	.00111	.00195
Stddev	.00060	.00038	.00070	.00152	.00206	.02775	.00013
%RSD	25.346	40.771	130.89	210.27	259.45	2498.6	6.8877

#1	-.00295	-.00054	.00026	-.00021	-.00312	.01740	.00209
#2	-.00176	-.00130	-.00105	.00248	-.00005	-.03094	.00193
#3	-.00238	-.00094	-.00081	-.00010	.00079	.01687	.00182

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00011	-.02070	.00001	.00028	-.00010	-.00047
Stddev	.00002	.00003	.02890	.00023	.00014	.00077	.00097
%RSD	254.40	29.820	139.59	1616.1	50.810	736.34	204.82

#1	-.00001	-.00014	-.01639	-.00024	.00020	.00019	-.00055
#2	.00002	-.00008	.00580	.00007	.00045	-.00097	.00053
#3	.00001	-.00010	-.05152	.00021	.00020	.00047	-.00140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.06221	-.00008	.00010	.07568	-.00007	-.00054
Stddev	.00007	.05100	.00036	.00049	.00562	.00037	.00019
%RSD	182.58	81.988	471.54	493.18	7.4250	524.78	35.593

#1	.00004	-.06299	.00027	-.00043	.06983	-.00004	-.00041
#2	-.00007	-.11282	-.00005	.00018	.08104	.00028	-.00045
#3	-.00008	-.01082	-.00045	.00054	.07617	-.00045	-.00075

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07592	.00045	.00811	-.00403	.00049	-.00002	-.00388
Stddev	.03577	.00019	.03301	.00463	.00272	.00044	.00225
%RSD	47.118	42.827	407.20	114.76	554.64	1953.3	58.093

#1	.09511	.00038	-.01518	.00108	-.00139	.00026	-.00221
#2	.03465	.00066	-.00638	-.00794	-.00075	-.00052	-.00644
#3	.09799	.00030	.04588	-.00524	.00361	.00020	-.00297

Sample Name: CCB02 Acquired: 6/25/2019 12:46:30 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB02 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00295	-.0015	.00008	F 5.3286	F<.00000
Stddev	.00150	.0003	.00004	.0933	.18725
%RSD	50.796	21.84	56.933	1.7501	103.91

#1	.00161	-.0016	.00011	5.2477	-.23430
#2	.00456	-.0011	.00009	5.4306	.02814
#3	.00266	-.0016	.00003	5.3075	-.33445

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1940.9	23631.	2018.9	33.629	2181.7
Stddev	10.3	56.	7.5	.901	11.1
%RSD	.53101	.23724	.36996	2.6797	.51025

#1	1929.4	23587.	2010.9	33.620	2169.9
#2	1944.0	23611.	2025.8	34.534	2183.1
#3	1949.3	23694.	2019.9	32.732	2192.1

Sample Name: K3433-02 Acquired: 6/25/2019 13:05:41 Type: Unk
Method: P4-ICP2(v3231) 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	-.00360	-.00108	.00313	.00329	-.00192	.14732	.03413	-.00004
Stddev	.00305	.00070	.00090	.00337	.00026	.02078	.00072	.00006
%RSD	84.830	64.634	28.832	102.49	13.368	14.104	2.1168	159.54

#1	-.00139	-.00168	.00217	.00058	-.00200	.13015	.03330	.00003
#2	-.00708	-.00127	.00396	.00222	-.00164	.17041	.03458	-.00007
#3	-.00232	-.00031	.00327	.00707	-.00213	.14139	.03452	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00027	.76808	.00000	.00046	.00876	1.7790	.02744	.08516
Stddev	.00004	.01204	.00029	.00018	.00014	.0039	.00005	.05024
%RSD	13.359	1.5674	13059.	39.594	1.5757	.21744	.17442	58.989

#1	-.00031	.75434	.00020	.00046	.00865	1.7746	.02749	.08087
#2	-.00024	.77313	-.00033	.00028	.00872	1.7805	.02740	.13740
#3	-.00025	.77677	.00014	.00065	.00891	1.7819	.02742	.03721

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	.00048	3.1048	-.00012	.14736	.12865	.00878	.00988
Stddev	.00058	.00031	.0104	.00051	.00044	.02482	.00024	.01242
%RSD	263.50	64.664	.33628	422.64	.30185	19.291	2.7386	125.64

#1	-.00025	.00022	3.1016	-.00002	.14741	.13764	.00860	.02421
#2	.00005	.00040	3.0963	-.00067	.14690	.14772	.00869	.00325
#3	.00086	.00083	3.1164	.00033	.14778	.10059	.00905	.00219

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23385	.39645	-.00019	.00109	.00260	.1189	.00287	6.0899
Stddev	.00718	.00433	.00119	.00207	.00062	.0020	.00021	.0083
%RSD	3.0694	1.0921	616.39	190.40	23.773	1.697	7.4672	.13646

#1	.22567	.39249	-.00040	.00021	.00320	.1184	.00264	6.0984
#2	.23912	.40107	-.00126	.00346	.00197	.1211	.00292	6.0896
#3	.23676	.39578	.00108	-.00040	.00264	.1172	.00306	6.0818

Sample Name: K3433-02 Acquired: 6/25/2019 13:05:41 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .67545
 Stddev .29146
 %RSD 43.151

#1 .43029
 #2 .59834
 #3 .99771

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1886.1	23070.	2013.8	33.287	2100.9
Stddev	3.7	11.	10.5	1.731	1.3
%RSD	.19598	.04815	.51986	5.1994	.05995

#1	1889.6	23069.	2015.0	34.282	2102.3
#2	1886.4	23081.	2002.8	34.291	2100.5
#3	1882.3	23059.	2023.6	31.289	2099.9

Sample Name: PB120888BL Acquired: 6/25/2019 13:10:08 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120888BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00434	-.00107	.00023	.00180	-.00215	.01229	.00122	-.00003
Stddev	.00171	.00018	.00049	.00237	.00099	.00283	.00017	.00007
%RSD	39.312	16.593	214.65	131.64	45.787	23.000	13.815	191.88
#1	-.00517	-.00086	-.00026	-.00092	-.00225	.00982	.00103	.00003
#2	-.00238	-.00116	.00022	.00290	-.00112	.01537	.00130	-.00004
#3	-.00547	-.00118	.00072	.00341	-.00308	.01167	.00133	-.00010
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	.00225	-.00016	.00020	.00011	-.00053	.00004	-.05643
Stddev	.00016	.01424	.00048	.00010	.00065	.00079	.00008	.07527
%RSD	109.34	633.50	307.32	50.075	612.97	150.36	182.13	133.37
#1	-.00033	.00163	-.00064	.00009	.00076	-.00131	.00003	.02966
#2	-.00005	-.01167	-.00016	.00021	-.00053	.00027	-.00003	-.10975
#3	-.00006	.01679	.00033	.00029	.00008	-.00054	.00013	-.08921
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00018	.03806	-.00040	-.00028	.03211	-.00023	.01053
Stddev	.00016	.00085	.00923	.00076	.00010	.02275	.00028	.03074
%RSD	186.13	487.26	24.265	189.58	34.859	70.855	121.13	291.83
#1	-.00012	-.00007	.03212	-.00104	-.00026	.00609	-.00008	.03770
#2	-.00024	-.00053	.04870	-.00059	-.00038	.04824	-.00055	.01674
#3	.00009	.00113	.03336	.00044	-.00019	.04201	-.00006	-.02284
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00378	-.00360	.00021	-.00394	.00120	-.0004	.00023	F 5.2160
Stddev	.00389	.00147	.00060	.00085	.00168	.0024	.00008	.1597
%RSD	102.83	40.764	290.47	21.562	139.58	557.2	34.635	3.0620
#1	-.00006	-.00497	.00077	-.00426	.00205	.0008	.00021	5.0561
#2	-.00347	-.00379	-.00042	-.00298	-.00073	-.0032	.00016	5.2165
#3	-.00782	-.00205	.00027	-.00458	.00229	.0011	.00032	5.3755

Sample Name: PB120888BL Acquired: 6/25/2019 13:10:08 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120888BL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .01118
Stddev	.10862
%RSD	971.47

#1	-.09890
#2	.11827
#3	.01418

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1913.7	23597.	2050.1	34.493	2141.7
Stddev	1.2	95.	4.5	1.489	8.7
%RSD	.06235	.40200	.22150	4.3178	.40793

#1	1914.3	23534.	2054.8	35.148	2141.2
#2	1912.4	23551.	2050.0	32.789	2133.2
#3	1914.6	23706.	2045.7	35.543	2150.6

Sample Name: PB120888BS Acquired: 6/25/2019 13:14:37 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120888BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74604	1.9584	.95856	1.9066	.80466	2.0986	.20922
Stddev	.00157	.0050	.00468	.0058	.00498	.0062	.00107
%RSD	.20979	.25296	.48868	.30302	.61843	.29398	.51249
#1	.74552	1.9559	.95319	1.9024	.80665	2.0932	.20800
#2	.74480	1.9641	.96180	1.9132	.79899	2.1053	.20964
#3	.74780	1.9552	.96069	1.9043	.80833	2.0973	.21001
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19787	.18917	1.0589	.42406	.20075	.32609	3.2119
Stddev	.00066	.00025	.0138	.00222	.00144	.00049	.0014
%RSD	.33197	.13129	1.3067	.52280	.71496	.15149	.04516
#1	.19713	.18895	1.0747	.42188	.19910	.32624	3.2132
#2	.19813	.18944	1.0531	.42631	.20148	.32554	3.2120
#3	.19836	.18911	1.0490	.42398	.20168	.32649	3.2104
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21730	2.0688	.49314	.07390	3.0632	.31632	.19289
Stddev	.00050	.0634	.00188	.00021	.0235	.00214	.00062
%RSD	.23085	3.0638	.38079	.27910	.76697	.67551	.32087
#1	.21672	2.0231	.49189	.07376	3.0420	.31638	.19284
#2	.21758	2.1411	.49224	.07381	3.0884	.31842	.19229
#3	.21760	2.0421	.49530	.07414	3.0591	.31415	.19353
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8832	.42068	.30838	F -.00690	.87992	.66668	.20607
Stddev	.0354	.00069	.01549	.00195	.00610	.00238	.00075
%RSD	.35816	.16405	5.0221	28.320	.69284	.35634	.36283
#1	9.8752	.42113	.30166	-.00770	.87895	.66419	.20689
#2	9.9219	.41989	.29739	-.00467	.87436	.66691	.20588
#3	9.8524	.42102	.32609	-.00833	.88644	.66893	.20543

Sample Name: PB120888BS Acquired: 6/25/2019 13:14:37 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120888BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21762	5.483	F .26224	F 7.4496	F<.00000
Stddev	.00171	.006	.00061	.2511	.21536
%RSD	.78721	.1040	.23146	3.3706	41.463

#1	.21565	5.484	.26180	7.1956	-.76646
#2	.21868	5.477	.26199	7.6977	-.37135
#3	.21854	5.488	.26293	7.4553	-.42040

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1814.6	22497.	1926.6	31.516	2010.4
Stddev	6.9	44.	7.5	1.241	2.0
%RSD	.38020	.19525	.38903	3.9372	.09923

#1	1806.7	22480.	1918.1	32.020	2008.4
#2	1819.0	22464.	1932.1	32.425	2012.4
#3	1818.3	22547.	1929.6	30.102	2010.5

Sample Name: PB120894BL Acquired: 6/25/2019 13:18:46 Type: Unk
Method: P4-ICP2(v3231) 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	-.00305	-.00069	.00032	F .00600	-.00303	-.02517	.00117
Stddev	.00339	.00113	.00086	.00268	.00023	.01499	.00065
%RSD	111.24	165.50	264.20	44.714	7.4479	59.554	55.254

#1	-.00276	-.00079	.00131	.00337	-.00326	-.02635	.00068
#2	-.00658	.00050	-.00013	.00873	-.00304	-.00963	.00191
#3	.00019	-.00177	-.00021	.00589	-.00281	-.03954	.00093

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00011	-.00829	-.00060	.00019	.00033	.00048
Stddev	.00020	.00008	.00727	.00029	.00007	.00026	.00053
%RSD	297.40	74.974	87.651	47.912	35.334	76.865	110.88

#1	-.00016	-.00004	-.01038	-.00054	.00014	.00013	.00104
#2	.00020	-.00008	-.01429	-.00035	.00016	.00062	-.00001
#3	.00016	-.00020	-.00021	-.00092	.00026	.00025	.00040

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.04145	-.00009	.00033	.02504	-.00052	-.00045
Stddev	.00004	.09841	.00025	.00019	.00405	.00075	.00000
%RSD	213.06	237.46	281.03	56.500	16.156	143.91	.86614

#1	.00006	-.12679	-.00021	.00042	.02043	-.00084	-.00045
#2	.00001	-.06376	.00020	.00012	.02802	-.00106	-.00046
#3	-.00002	.06621	-.00026	.00046	.02667	.00034	-.00045

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01320	-.00033	.00830	-.00285	-.00296	-.00038	-.00185
Stddev	.01627	.00044	.00417	.00098	.00027	.00038	.00385
%RSD	123.22	130.76	50.211	34.461	9.1272	100.14	208.08

#1	.02948	-.00017	.00367	-.00352	-.00286	-.00038	.00192
#2	.01319	-.00083	.00947	-.00172	-.00276	-.00000	-.00576
#3	-.00306	-.00000	.01176	-.00331	-.00327	-.00076	-.00171

Sample Name: PB120894BL Acquired: 6/25/2019 13:18:46 Type: Unk
Method: P4-ICP2(v3231) 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	.00276	-.0036	.00024	F 5.3099	F<.00000
Stddev	.00127	.0008	.00016	.1352	.52275
%RSD	46.016	22.01	65.404	2.5457	1387.5

#1	.00132	-.0027	.00014	5.3374	-.03327
#2	.00373	-.0041	.00015	5.4292	.48286
#3	.00323	-.0040	.00042	5.1631	-.56262

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1934.7	23729.	2031.5	34.083	2168.7
Stddev	4.0	65.	31.7	1.101	2.7
%RSD	.20807	.27428	1.5609	3.2303	.12674

#1	1930.2	23795.	1995.1	33.084	2165.6
#2	1938.0	23725.	2052.7	33.902	2170.9
#3	1935.9	23665.	2046.8	35.264	2169.6

Sample Name: PB120894BS Acquired: 6/25/2019 13:23:13 Type: Unk
Method: P4-ICP2(v3231) 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	.77398	2.0251	.99014	1.9948	.82827	2.1111	.20824
Stddev	.00263	.0045	.00228	.0017	.00182	.0160	.00111
%RSD	.34004	.22331	.23059	.08330	.21985	.75728	.53416

#1	.77324	2.0302	.99133	1.9930	.82896	2.1249	.20695
#2	.77690	2.0238	.98751	1.9961	.82965	2.1149	.20887
#3	.77179	2.0214	.99159	1.9953	.82621	2.0936	.20890

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20850	.19567	1.1233	.43826	.20450	.33830	3.3281
Stddev	.00030	.00031	.0213	.00126	.00024	.00130	.0092
%RSD	.14291	.15854	1.8949	.28713	.11542	.38481	.27658

#1	.20843	.19596	1.1216	.43764	.20426	.33967	3.3192
#2	.20824	.19570	1.1029	.43970	.20473	.33708	3.3274
#3	.20882	.19534	1.1453	.43743	.20451	.33814	3.3376

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22398	2.1088	.50694	.07698	3.0640	.32499	.19601
Stddev	.00022	.0978	.00096	.00048	.0115	.00142	.00063
%RSD	.09747	4.6374	.18855	.62781	.37394	.43592	.32362

#1	.22391	2.1163	.50796	.07745	3.0765	.32429	.19663
#2	.22423	2.0075	.50606	.07649	3.0539	.32662	.19536
#3	.22381	2.2026	.50678	.07701	3.0616	.32406	.19604

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.161	.42635	.30701	F -.01091	.92131	.68699	.20981
Stddev	.073	.00127	.00609	.00134	.00578	.00147	.00067
%RSD	.72226	.29670	1.9839	12.288	.62764	.21330	.31872

#1	10.094	.42769	.30996	-.01218	.92799	.68659	.21018
#2	10.151	.42517	.30001	-.00951	.91781	.68861	.20904
#3	10.239	.42619	.31106	-.01103	.91814	.68577	.21020

Sample Name: PB120894BS Acquired: 6/25/2019 13:23:13 Type: Unk
Method: P4-ICP2(v3231) 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	.21775	5.629	F .26739	F 5.5786	F<.00000
Stddev	.00066	.011	.00121	.2049	.29770
%RSD	.30257	.1888	.45391	3.6736	85.865

#1	.21793	5.628	.26842	5.3991	-.11932
#2	.21830	5.619	.26769	5.5349	-.23713
#3	.21702	5.641	.26605	5.8019	-.68366

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1988.6	24287.	2036.0	33.163	2213.2
Stddev	6.8	38.	7.2	1.508	4.4
%RSD	.34292	.15842	.35480	4.5472	.19721

#1	1981.8	24332.	2028.1	32.166	2209.1
#2	1988.4	24264.	2037.6	32.425	2212.8
#3	1995.5	24266.	2042.3	34.898	2217.8

Sample Name: K3164-01 Acquired: 6/25/2019 13:27:20 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05747	-.00450	.96270	.00766	.00765	148.99	.75088	.01173
Stddev	.00259	.00160	.00591	.00083	.00292	.84	.00394	.00014
%RSD	4.5050	35.685	.61351	10.780	38.149	.56239	.52534	1.1734

#1	.05961	-.00314	.96569	.00796	.00928	148.35	.74879	.01177
#2	.05459	-.00409	.96652	.00673	.00428	149.94	.75543	.01184
#3	.05821	-.00627	.95590	.00830	.00939	148.69	.74842	.01157

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00042	18.671	.29621	.22369	.33574	258.19	5.8416	123.89
Stddev	.00029	.075	.00288	.00015	.00086	1.50	.0359	.46
%RSD	70.311	.40237	.97249	.06874	.25630	.58232	.61448	.37049

#1	-.00027	18.629	.29702	.22382	.33643	257.37	5.8524	123.47
#2	-.00076	18.757	.29860	.22372	.33601	259.92	5.8709	124.38
#3	-.00023	18.625	.29301	.22352	.33478	257.26	5.8015	123.82

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6474	-.00254	11.391	.37542	1.1391	45.222	.00216	-.05907
Stddev	.0021	.00041	.032	.00204	.0017	.192	.00043	.00385
%RSD	.12824	15.982	.28455	.54439	.15150	.42513	19.974	6.5249

#1	1.6497	-.00223	11.377	.37414	1.1407	45.066	.00240	-.05923
#2	1.6472	-.00238	11.428	.37434	1.1373	45.437	.00166	-.05514
#3	1.6455	-.00300	11.369	.37777	1.1392	45.163	.00241	-.06284

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3133	4.5211	.04766	4.0555	.24918	8.251	-.08314	<.00000
Stddev	.0056	.0380	.00106	.0048	.00074	.010	.00183	.23303
%RSD	.42555	.83966	2.2215	.11861	.29708	.1265	2.2025	37.921

#1	1.3103	4.5626	.04656	4.0538	.24958	8.240	-.08210	-.41014
#2	1.3099	4.4881	.04868	4.0518	.24963	8.251	-.08525	-.56511
#3	1.3198	4.5125	.04775	4.0609	.24832	8.261	-.08206	-.86827

Sample Name: K3164-01 Acquired: 6/25/2019 13:27:20 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B04 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	88.897
Stddev	.588
%RSD	.66196

#1	88.570
#2	88.546
#3	89.577

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2218.4	26880.	2388.9	31.953	1831.7
Stddev	4.4	86.	6.0	1.158	3.1
%RSD	.20015	.32167	.24931	3.6233	.17098

#1	2217.3	26899.	2382.1	33.246	1829.2
#2	2223.2	26785.	2391.2	31.598	1835.2
#3	2214.5	26954.	2393.4	31.014	1830.6

Sample Name: K3164-03 Acquired: 6/25/2019 13:31:47 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04698	.00369	.20787	.01015	.00455	62.998	.40821	.00717
Stddev	.00121	.00068	.00138	.00252	.00225	.327	.00372	.00007
%RSD	2.5750	18.346	.66284	24.862	49.561	.51984	.91047	.99953

#1	.04837	.00299	.20629	.01306	.00554	62.700	.40679	.00716
#2	.04633	.00372	.20880	.00865	.00614	63.348	.41243	.00711
#3	.04623	.00435	.20853	.00873	.00197	62.946	.40542	.00725

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00293	118.13	.13503	.08692	.21212	168.97	4.1803	86.607
Stddev	.00001	.62	.00073	.00015	.00085	.40	.0114	.497
%RSD	.17526	.52559	.54088	.16961	.40121	.23385	.27260	.57400

#1	-.00293	117.45	.13458	.08709	.21282	168.53	4.1686	86.299
#2	-.00293	118.29	.13464	.08688	.21238	169.08	4.1913	87.181
#3	-.00294	118.67	.13587	.08680	.21117	169.30	4.1811	86.343

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30482	.00028	1.5162	.24896	.56311	9.5875	.00628	-.01732
Stddev	.00020	.00004	.0165	.00110	.00029	.0945	.00032	.00687
%RSD	.06483	15.848	1.0907	.44142	.05185	.98515	5.1109	39.675

#1	.30466	.00029	1.5077	.24869	.56329	9.5434	.00662	-.01968
#2	.30475	.00023	1.5352	.25017	.56277	9.6959	.00624	-.00958
#3	.30504	.00031	1.5056	.24803	.56327	9.5231	.00598	-.02269

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0844	2.7398	.01515	1.4972	.10833	4.182	.02737	2.7306
Stddev	.0195	.0284	.00065	.0184	.00173	.007	.00057	.2679
%RSD	.93658	1.0380	4.3076	1.2294	1.6011	.1642	2.0888	9.8120

#1	2.0939	2.7072	.01471	1.4774	.10644	4.174	.02671	2.4214
#2	2.0620	2.7595	.01590	1.5006	.10869	4.188	.02774	2.8936
#3	2.0974	2.7528	.01484	1.5137	.10985	4.183	.02765	2.8769

Sample Name: K3164-03 Acquired: 6/25/2019 13:31:47 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B05 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	55.173
Stddev	.203
%RSD	.36812

#1	55.330
#2	54.944
#3	55.245

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2090.8	25436.	2264.4	31.425	1885.7
Stddev	8.7	93.	5.3	1.063	10.1
%RSD	.41552	.36400	.23376	3.3816	.53653

#1	2093.9	25444.	2269.8	32.642	1886.5
#2	2097.4	25340.	2264.0	30.950	1895.3
#3	2080.9	25525.	2259.2	30.682	1875.2

Sample Name: K3164-05 Acquired: 6/25/2019 13:36:09 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B07 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06794	-.00025	1.1143	.00647	.00386	91.385	1.0415	.00865
Stddev	.00196	.00133	.0053	.00196	.00325	.737	.0082	.00009
%RSD	2.8816	524.32	.47618	30.249	84.043	.80661	.78303	.99191

#1	.06574	.00040	1.1204	.00790	.00358	91.069	1.0406	.00872
#2	.06859	.00062	1.1106	.00424	.00724	92.227	1.0501	.00855
#3	.06949	-.00178	1.1120	.00728	.00077	90.858	1.0338	.00867

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00204	389.06	.12999	.08821	.46658	142.39	3.9668	177.10
Stddev	.00016	2.32	.00067	.00051	.00129	.78	.0091	.98
%RSD	7.8371	.59711	.51463	.57756	.27641	.54619	.22845	.55559

#1	.00190	391.50	.12948	.08871	.46784	142.99	3.9751	177.27
#2	.00202	388.82	.13075	.08824	.46662	142.68	3.9680	177.98
#3	.00222	386.87	.12975	.08769	.46527	141.51	3.9572	176.03

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46131	-.00037	3.8215	.23929	1.6806	10.025	.00811	-.01872
Stddev	.00299	.00092	.0456	.00036	.0055	.067	.00036	.00130
%RSD	.64883	247.29	1.1943	.15073	.32618	.66980	4.3832	6.9600

#1	.46219	.00060	3.8415	.23887	1.6866	10.001	.00829	-.01724
#2	.46376	-.00049	3.8536	.23947	1.6792	10.101	.00834	-.01923
#3	.45797	-.00122	3.7692	.23951	1.6759	9.9732	.00770	-.01969

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2873	3.9060	.05797	1.7899	.14406	4.712	1.1061	3.4556
Stddev	.0267	.0485	.00131	.0120	.00164	.017	.0070	.3839
%RSD	.50438	1.2420	2.2594	.67161	1.1358	.3632	.62963	11.110

#1	5.3042	3.9179	.05941	1.8037	.14549	4.731	1.1139	3.8015
#2	5.3012	3.8526	.05766	1.7836	.14441	4.708	1.1039	3.0425
#3	5.2565	3.9474	.05685	1.7823	.14228	4.697	1.1006	3.5228

Sample Name: K3164-05 Acquired: 6/25/2019 13:36:09 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B07 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	48.416
Stddev	1.199
%RSD	2.4772

#1	47.750
#2	47.698
#3	49.801

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2074.7	25397.	2330.5	30.323	1711.2
Stddev	2.7	147.	20.0	.794	5.7
%RSD	.12897	.57879	.85887	2.6175	.33218

#1	2071.7	25309.	2307.8	31.216	1704.7
#2	2076.8	25316.	2338.1	29.698	1715.1
#3	2075.6	25567.	2345.6	30.055	1713.9

Sample Name: K3164-07 Acquired: 6/25/2019 13:40:27 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02050	-.02262	.08452	.00581	.00216	128.46	.61432	.01013
Stddev	.00361	.00256	.00271	.00323	.00172	.35	.00259	.00016
%RSD	17.608	11.325	3.2016	55.639	79.926	.27578	.42203	1.5749

#1	.02460	-.02344	.08551	.00645	.00217	128.22	.61234	.01008
#2	.01905	-.01974	.08659	.00230	.00387	128.87	.61725	.01001
#3	.01783	-.02466	.08146	.00867	.00043	128.29	.61337	.01031

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00088	28.464	.38537	.30941	.32035	229.49	6.2481	100.70
Stddev	.00025	.176	.00231	.00102	.00131	.54	.0348	.48
%RSD	28.594	.61732	.59989	.33091	.40847	.23652	.55679	.47611

#1	-.00092	28.328	.38533	.31026	.32177	229.86	6.2477	100.46
#2	-.00061	28.401	.38307	.30970	.31919	229.73	6.2831	101.25
#3	-.00111	28.662	.38769	.30827	.32009	228.86	6.2135	100.38

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3267	-.00308	3.3771	.34674	.91156	34.558	.00033	-.04674
Stddev	.0065	.00070	.0127	.00209	.00262	.143	.00039	.00479
%RSD	.27832	22.878	.37681	.60402	.28713	.41384	117.81	10.243

#1	2.3322	-.00233	3.3838	.34904	.91094	34.417	.00014	-.04635
#2	2.3284	-.00317	3.3851	.34494	.91443	34.703	.00007	-.04217
#3	2.3196	-.00373	3.3624	.34625	.90931	34.555	.00078	-.05172

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34045	3.8592	.02082	7.7114	.24189	6.057	.01733	<.00000
Stddev	.00848	.0215	.00194	.0626	.00193	.013	.00232	.06257
%RSD	2.4894	.55739	9.3053	.81155	.79596	.2102	13.409	3.5841

#1	.33390	3.8605	.02301	7.6443	.24012	6.056	.01465	-1.6866
#2	.33743	3.8800	.01933	7.7683	.24394	6.070	.01850	-1.7394
#3	.35002	3.8371	.02013	7.7215	.24160	6.045	.01883	-1.8113

Sample Name: K3164-07 Acquired: 6/25/2019 13:40:27 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B09 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 82.398
 Stddev .367
 %RSD .44518

#1 82.124
 #2 82.256
 #3 82.815

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2321.0	28110.	2503.5	32.356	1857.4
Stddev	2.2	83.	3.4	.834	5.7
%RSD	.09465	.29674	.13745	2.5777	.30444

#1	2321.2	28058.	2507.4	31.654	1858.0
#2	2318.8	28066.	2501.2	32.136	1851.5
#3	2323.1	28207.	2501.8	33.278	1862.8

Sample Name: K3164-09 Acquired: 6/25/2019 13:45:02 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B08 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01756	-.00268	.06703	.00912	.00072	62.416	.40175	.00553
Stddev	.00202	.00145	.00243	.00064	.00077	.273	.00043	.00007
%RSD	11.509	54.203	3.6191	7.0671	108.12	.43731	.10739	1.2067

#1	.01880	-.00181	.06757	.00839	.00148	62.184	.40218	.00552
#2	.01523	-.00436	.06914	.00936	.00073	62.348	.40131	.00560
#3	.01865	-.00187	.06438	.00960	-.00006	62.717	.40176	.00546

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00239	19.042	.12335	.08392	.20141	127.12	2.9160	37.203
Stddev	.00022	.089	.00057	.00037	.00054	.50	.0025	.119
%RSD	9.2893	.46886	.46595	.44122	.26762	.39427	.08643	.31876

#1	-.00265	18.940	.12398	.08350	.20203	127.57	2.9189	37.096
#2	-.00230	19.082	.12286	.08422	.20113	127.22	2.9143	37.331
#3	-.00224	19.105	.12321	.08403	.20106	126.58	2.9147	37.183

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76440	.00085	1.8946	.15956	.36959	14.030	.00095	-.00392
Stddev	.00035	.00063	.0114	.00102	.00074	.125	.00033	.01117
%RSD	.04630	73.395	.60397	.63923	.20006	.89419	34.768	285.09

#1	.76415	.00044	1.8884	.16072	.36915	13.894	.00065	.00724
#2	.76425	.00055	1.8876	.15879	.37045	14.054	.00130	-.00390
#3	.76481	.00157	1.9078	.15918	.36918	14.142	.00088	-.01509

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34348	2.5754	.00940	2.2139	.10547	3.781	-.05197	1.4801
Stddev	.00290	.0169	.00056	.0049	.00211	.009	.00068	.1718
%RSD	.84289	.65692	5.9644	.22304	2.0033	.2377	1.2994	11.609

#1	.34453	2.5949	.01003	2.2128	.10317	3.776	-.05264	1.4126
#2	.34021	2.5663	.00924	2.2097	.10733	3.792	-.05198	1.6755
#3	.34571	2.5650	.00894	2.2194	.10591	3.776	-.05129	1.3523

Sample Name: K3164-09 Acquired: 6/25/2019 13:45:02 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B08 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 41.241
 Stddev .026
 %RSD .06208

#1 41.211
 #2 41.251
 #3 41.259

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2208.6	26867.	2351.9	33.113	2008.9
Stddev	6.7	58.	5.0	1.105	7.1
%RSD	.30324	.21734	.21467	3.3377	.35503

#1	2204.2	26836.	2351.9	32.045	2009.3
#2	2205.2	26934.	2357.0	33.040	2001.6
#3	2216.3	26831.	2346.9	34.252	2015.8

Sample Name: CCV03 Acquired: 6/25/2019 13:49:25 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7351	4.8398	4.6921	4.8012	4.8471	9.8008	9.5136	.24284
Stddev	.0128	.0015	.0060	.0036	.0045	.0740	.0404	.00021
%RSD	.26943	.03080	.12740	.07587	.09333	.75510	.42420	.08818
#1	4.7214	4.8382	4.6852	4.8040	4.8516	9.7157	9.4671	.24285
#2	4.7466	4.8411	4.6955	4.8025	4.8472	9.8494	9.5350	.24305
#3	4.7372	4.8402	4.6955	4.7971	4.8425	9.8374	9.5387	.24262
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3680	23.811	.95335	2.3757	1.2196	4.8397	2.4315	23.691
Stddev	.0073	.051	.00279	.0051	.0017	.0222	.0022	.172
%RSD	.30824	.21266	.29295	.21459	.13505	.45870	.09042	.72590
#1	2.3597	23.833	.95327	2.3705	1.2195	4.8222	2.4331	23.495
#2	2.3735	23.846	.95060	2.3807	1.2212	4.8323	2.4290	23.760
#3	2.3707	23.753	.95618	2.3760	1.2179	4.8647	2.4324	23.818
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3623	1.1918	23.621	2.4029	2.3442	23.679	4.7988	4.7774
Stddev	.0016	.0051	.105	.0036	.0029	.076	.0046	.0515
%RSD	.06767	.42586	.44640	.15096	.12594	.32255	.09559	1.0773
#1	2.3614	1.1950	23.507	2.4057	2.3408	23.601	4.7939	4.7539
#2	2.3613	1.1859	23.642	2.3988	2.3462	23.684	4.8030	4.7419
#3	2.3641	1.1943	23.714	2.4042	2.3456	23.753	4.7993	4.8364
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6790	4.5767	4.6870	4.6891	4.7853	4.865	5.0492	F 5.9715
Stddev	.0144	.0327	.0025	.0217	.0293	.023	.0381	.1722
%RSD	.30846	.71424	.05243	.46294	.61286	.4778	.75409	2.8840
#1	4.6717	4.6140	4.6841	4.7131	4.8145	4.839	5.0917	5.9256
#2	4.6697	4.5635	4.6885	4.6833	4.7857	4.882	5.0376	6.1620
#3	4.6957	4.5528	4.6883	4.6709	4.7558	4.875	5.0183	5.8269

Sample Name: CCV03 Acquired: 6/25/2019 13:49:25 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.0913
Stddev .3331
%RSD 15.930

#1 2.4760
#2 1.8998
#3 1.8980

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.4	23910.	2112.1	33.672	2012.3
Stddev	1.0	61.	21.8	.467	2.6
%RSD	.05358	.25622	1.0329	1.3877	.12708

#1	1951.5	23891.	2086.9	34.129	2015.3
#2	1953.6	23978.	2123.4	33.195	2011.0
#3	1952.1	23860.	2125.9	33.690	2010.7

Sample Name: CCB03 Acquired: 6/25/2019 13:53:23 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00265	-.00030	-.00010	.00124	-.00212	.01723	.00119
Stddev	.00250	.00142	.00068	.00179	.00102	.02288	.00040
%RSD	94.571	480.51	672.48	143.95	48.157	132.77	33.464

#1	-.00066	.00121	-.00030	.00326	-.00129	-.00143	.00157
#2	-.00546	-.00049	-.00066	-.00017	-.00326	.04275	.00078
#3	-.00183	-.00161	.00066	.00064	-.00180	.01037	.00121

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00003	-.00269	.00010	.00027	.00020	.00055
Stddev	.00004	.00006	.01021	.00042	.00006	.00010	.00056
%RSD	36.128	227.83	379.75	407.85	21.297	51.082	100.29

#1	.00015	-.00007	.00453	-.00037	.00029	.00029	-.00007
#2	.00007	-.00005	-.01437	.00022	.00031	.00021	.00075
#3	.00011	.00004	.00178	.00046	.00021	.00009	.00099

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.04334	.00001	.00012	.01419	-.00016	-.00070
Stddev	.00003	.04284	.00025	.00063	.00384	.00025	.00009
%RSD	442.81	98.829	1676.2	519.01	27.052	152.51	12.324

#1	.00003	-.01368	-.00025	.00042	.01860	-.00043	-.00067
#2	.00001	-.09245	.00024	.00054	.01161	.00006	-.00080
#3	-.00002	-.02390	.00006	-.00060	.01236	-.00012	-.00064

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02791	.00064	-.00098	-.00603	.00315	-.00012	-.00209
Stddev	.03577	.00034	.00896	.00277	.00231	.00076	.00331
%RSD	128.18	53.032	912.27	45.889	73.360	638.29	158.56

#1	.03766	.00068	-.01124	-.00886	.00554	-.00067	-.00589
#2	.05779	.00096	.00532	-.00333	.00094	.00075	-.00055
#3	-.01173	.00028	.00297	-.00589	.00296	-.00044	.00018

Sample Name: CCB03 Acquired: 6/25/2019 13:53:23 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00185	-.0012	.00008	F 4.9987	F<.00000
Stddev	.00100	.0035	.00006	.1221	.23182
%RSD	53.849	299.8	78.705	2.4421	169.47
#1	.00098	.0028	.00012	4.8577	-.20066
#2	.00294	-.0023	.00010	5.0670	.12027
#3	.00164	-.0040	.00001	5.0713	-.32998
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1934.1	23470.	2033.2	34.920	2181.9
Stddev	7.7	126.	10.7	1.720	5.5
%RSD	.39975	.53651	.52692	4.9259	.25063
#1	1941.7	23431.	2027.4	33.082	2185.4
#2	1926.2	23611.	2045.5	36.491	2175.6
#3	1934.4	23369.	2026.6	35.186	2184.6

Sample Name: K3510-01 Acquired: 6/25/2019 13:57:52 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-062419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05565	.00511	.43004	.01238	.00279	111.92	.47557	.00741
Stddev	.00295	.00110	.00183	.00293	.00153	2.22	.00883	.00018
%RSD	5.2941	21.565	.42560	23.693	54.896	1.9847	1.8566	2.4239

#1	.05792	.00407	.42860	.01371	.00106	109.53	.46613	.00726
#2	.05232	.00626	.43210	.00902	.00397	112.28	.47694	.00761
#3	.05672	.00500	.42943	.01441	.00334	113.93	.48363	.00735

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00343	10.244	.15179	.05494	.13172	166.28	1.4089	12.153
Stddev	.00013	.151	.00120	.00030	.00049	2.25	.0177	.242
%RSD	3.7294	1.4784	.79369	.54477	.37240	1.3548	1.2572	1.9949

#1	-.00339	10.085	.15049	.05460	.13116	164.31	1.3941	11.958
#2	-.00332	10.260	.15203	.05506	.13205	165.80	1.4041	12.076
#3	-.00357	10.386	.15286	.05517	.13196	168.74	1.4285	12.425

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07974	.00011	.51690	.22980	.51262	3.9469	.00392	-.03628
Stddev	.00017	.00039	.01264	.00138	.00307	.0248	.00005	.00694
%RSD	.21772	344.96	2.4460	.59866	.59838	.62846	1.2318	19.133

#1	.07954	-.00005	.50448	.22854	.50910	3.9414	.00397	-.04411
#2	.07982	-.00016	.51646	.22959	.51477	3.9253	.00388	-.03387
#3	.07986	.00056	.52975	.23127	.51397	3.9740	.00389	-.03087

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3078	3.9802	.01538	.60474	.07892	4.407	-.07451	<.00000
Stddev	.0072	.0693	.00055	.01661	.00095	.016	.00242	.94988
%RSD	.55365	1.7401	3.6041	2.7469	1.2097	.3691	3.2446	224.64

#1	1.3011	4.0550	.01477	.58693	.07820	4.389	-.07243	-1.0794
#2	1.3069	3.9670	.01552	.60746	.07856	4.417	-.07392	-.85550
#3	1.3155	3.9184	.01585	.61982	.08000	4.417	-.07716	.66635

Sample Name: K3510-01 Acquired: 6/25/2019 13:57:52 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-062419 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	58.637
Stddev	.112
%RSD	.19046

#1	58.649
#2	58.742
#3	58.520

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2244.4	27519.	2423.9	35.278	2097.2
Stddev	5.4	418.	7.3	2.145	9.3
%RSD	.24038	1.5201	.29978	6.0796	.44482

#1	2248.3	27871.	2428.5	34.947	2108.0
#2	2238.3	27628.	2427.6	33.318	2091.9
#3	2246.7	27057.	2415.5	37.569	2091.8

Sample Name: K3511-01 Acquired: 6/25/2019 14:02:16 Type: Unk
Method: P4-ICP2(v3231) 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	.03398	.00010	1.6469	.01567	.00244	70.592	.46778	.00418
Stddev	.00170	.00098	.0010	.00455	.00115	.558	.00338	.00034
%RSD	5.0102	1014.9	.06374	29.031	47.039	.79070	.72221	8.0840
#1	.03303	-.00051	1.6467	.01633	.00238	70.582	.46609	.00404
#2	.03297	-.00043	1.6460	.01986	.00132	70.039	.46558	.00393
#3	.03595	.00122	1.6481	.01083	.00361	71.155	.47167	.00456
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00313	64.664	.18934	.07514	.61640	152.58	1.6295	35.466
Stddev	.00018	.242	.00050	.00026	.00187	.93	.0024	.313
%RSD	5.8719	.37470	.26571	.34105	.30375	.60773	.14619	.88199
#1	-.00328	64.438	.18898	.07510	.61856	153.31	1.6269	35.460
#2	-.00292	64.634	.18992	.07491	.61526	151.53	1.6301	35.156
#3	-.00318	64.919	.18913	.07542	.61538	152.88	1.6316	35.782
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12141	.00127	10.977	.31741	.73205	5.3201	.00918	.10666
Stddev	.00077	.00030	.063	.00077	.00208	.0313	.00074	.01026
%RSD	.63664	23.428	.57004	.24176	.28417	.58827	8.0695	9.6199
#1	.12210	.00130	10.979	.31653	.73063	5.3029	.00992	.09772
#2	.12155	.00155	10.914	.31777	.73109	5.3012	.00844	.11786
#3	.12058	.00096	11.039	.31793	.73444	5.3562	.00919	.10439
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.550	3.6122	.09527	2.1596	.04773	3.296	.10423	2.7403
Stddev	.045	.0352	.00124	.0071	.00134	.006	.00133	.1433
%RSD	.27215	.97500	1.3044	.33006	2.7986	.1914	1.2727	5.2287
#1	16.593	3.5895	.09667	2.1519	.04898	3.302	.10284	2.6681
#2	16.503	3.5943	.09483	2.1609	.04789	3.290	.10549	2.9053
#3	16.553	3.6527	.09430	2.1660	.04633	3.296	.10436	2.6474

Sample Name: K3511-01 Acquired: 6/25/2019 14:02:16 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	48.211
Stddev	.269
%RSD	.55893

#1	47.930
#2	48.467
#3	48.235

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2045.9	24863.	2183.0	31.876	1941.0
Stddev	2.2	74.	8.6	1.173	4.1
%RSD	.10910	.29704	.39266	3.6789	.21083

#1	2043.5	24878.	2192.9	31.317	1945.4
#2	2046.5	24928.	2178.6	31.087	1937.3
#3	2047.8	24783.	2177.4	33.223	1940.3

Sample Name: K3511-03 Acquired: 6/25/2019 14:06:39 Type: Unk

Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02715	.00278	.35480	.01200	-.00107	56.560	.52719	.00343
Stddev	.00317	.00145	.00113	.00155	.00236	.176	.00052	.00014
%RSD	11.658	51.960	.31808	12.946	219.75	.31161	.09894	3.9686

#1	.02489	.00406	.35357	.01206	.00112	56.707	.52746	.00348
#2	.02579	.00121	.35579	.01041	-.00078	56.365	.52659	.00353
#3	.03077	.00309	.35504	.01352	-.00356	56.607	.52752	.00328

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00236	18.218	.16188	.02424	.11433	93.406	.98097	7.9115
Stddev	.00005	.038	.00152	.00071	.00029	.532	.00167	.0924
%RSD	2.0531	.20605	.93997	2.9302	.25555	.56929	.17044	1.1681

#1	-.00230	18.249	.16161	.02374	.11431	93.091	.97988	7.8776
#2	-.00238	18.176	.16051	.02393	.11463	93.107	.98014	7.8408
#3	-.00239	18.229	.16352	.02505	.11404	94.020	.98290	8.0161

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04302	.00121	5.9480	.18087	.53694	3.0978	.00635	.02792
Stddev	.00036	.00034	.0477	.00221	.00059	.0653	.00017	.01565
%RSD	.84814	27.765	.80161	1.2211	.11038	2.1075	2.6744	56.078

#1	.04260	.00085	5.9675	.18142	.53689	3.1640	.00619	.00987
#2	.04318	.00151	5.9827	.17843	.53755	3.0960	.00653	.03783
#3	.04326	.00128	5.8936	.18275	.53637	3.0335	.00633	.03605

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6500	4.9135	.03093	.68499	.07110	2.539	.02475	3.1470
Stddev	.0126	.0329	.00033	.00718	.00136	.010	.00107	.0915
%RSD	.22312	.66915	1.0583	1.0489	1.9183	.3808	4.3214	2.9086

#1	5.6540	4.9292	.03060	.68299	.06953	2.528	.02449	3.0480
#2	5.6358	4.8757	.03096	.69297	.07194	2.542	.02593	3.1647
#3	5.6601	4.9357	.03125	.67902	.07184	2.546	.02384	3.2285

Sample Name: K3511-03 Acquired: 6/25/2019 14:06:39 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 29.721
 Stddev .571
 %RSD 1.9206

#1 30.261
 #2 29.123
 #3 29.778

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2115.2	25760.	2234.0	33.316	2062.9
Stddev	2.8	68.	4.6	1.525	1.9
%RSD	.13240	.26426	.20461	4.5764	.09101

#1	2112.1	25719.	2236.9	35.041	2061.3
#2	2115.7	25839.	2236.3	32.760	2062.4
#3	2117.6	25724.	2228.7	32.148	2065.0

Sample Name: K3433-02DUP Acquired: 6/25/2019 14:11:04 Type: Unk
Method: P4-ICP2(v3231) 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	.00008	-.00083	.00189	.00269	-.00089	.10938	.03261	.00012
Stddev	.00160	.00038	.00055	.00033	.00116	.01341	.00050	.00003
%RSD	2119.3	45.725	29.283	12.218	129.89	12.256	1.5256	27.517

#1	-.00042	-.00041	.00246	.00231	.00035	.11753	.03282	.00016
#2	.00187	-.00092	.00135	.00288	-.00193	.09391	.03204	.00013
#3	-.00122	-.00115	.00186	.00289	-.00109	.11671	.03297	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	.72123	.00012	.00057	.00798	1.6992	.02595	.05848
Stddev	.00013	.04015	.00041	.00030	.00049	.0063	.00010	.03798
%RSD	79.251	5.5672	342.79	52.561	6.1308	.36984	.38504	64.955

#1	-.00026	.72283	.00043	.00022	.00805	1.6961	.02584	.10230
#2	-.00002	.68030	-.00035	.00075	.00746	1.7064	.02603	.03808
#3	-.00022	.76056	.00028	.00074	.00843	1.6950	.02599	.03504

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	.00017	2.8792	-.00030	.13987	.10477	.00830	.00818
Stddev	.00029	.00044	.0208	.00057	.00039	.03638	.00044	.02092
%RSD	46.972	251.82	.72133	190.88	.27577	34.721	5.2784	255.80

#1	.00097	.00002	2.8572	.00035	.14005	.14399	.00850	.02760
#2	.00048	.00067	2.8818	-.00052	.14013	.09821	.00860	.01091
#3	.00044	-.00016	2.8985	-.00072	.13942	.07212	.00780	-.01397

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22653	.38487	-.00005	.00020	.00089	.1142	.00289	5.0378
Stddev	.00049	.00605	.00029	.00269	.00231	.0040	.00008	.0202
%RSD	.21562	1.5732	631.33	1371.1	260.14	3.500	2.9105	.40081

#1	.22709	.39100	-.00014	-.00287	.00290	.1161	.00298	5.0449
#2	.22627	.37889	-.00027	.00130	.00139	.1169	.00287	5.0534
#3	.22622	.38472	.00028	.00216	-.00163	.1096	.00282	5.0150

Sample Name: K3433-02DUP Acquired: 6/25/2019 14:11:04 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .51388
 Stddev .39594
 %RSD 77.050

#1 .70370
 #2 .05877
 #3 .77917

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1978.4	24262.	2088.9	34.992	2207.2
Stddev	1.8	70.	16.1	1.314	2.1
%RSD	.08960	.28677	.77010	3.7549	.09651

#1	1977.3	24254.	2073.5	35.716	2206.0
#2	1977.5	24335.	2105.6	35.784	2205.9
#3	1980.5	24197.	2087.8	33.475	2209.7

Sample Name: K3433-02LX5 Acquired: 6/25/2019 14:15:28 Type: Unk
Method: P4-ICP2(v3231) 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	.00012	.00028	.00145	.00080	-.00199	.01489	.00763	.00007
Stddev	.00153	.00026	.00057	.00431	.00159	.01563	.00122	.00003
%RSD	1287.3	91.534	38.954	539.74	80.133	104.95	15.978	46.070

#1	.00143	.00039	.00192	-.00342	-.00022	.03255	.00670	.00004
#2	.00049	.00047	.00082	.00520	-.00332	.00283	.00901	.00011
#3	-.00156	-.00001	.00161	.00062	-.00242	.00930	.00717	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.14169	-.00036	.00019	.00207	.35629	.00558	-.07336
Stddev	.00019	.02258	.00060	.00010	.00036	.00163	.00014	.02856
%RSD	157.24	15.934	166.30	53.680	17.477	.45843	2.4262	38.929

#1	-.00009	.12728	.00019	.00007	.00190	.35804	.00563	-.06274
#2	.00005	.16771	-.00100	.00026	.00249	.35603	.00542	-.05163
#3	-.00033	.13007	-.00028	.00024	.00183	.35481	.00568	-.10570

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00092	.60517	.00004	.02875	.05038	.00136	.00189
Stddev	.00016	.00034	.01594	.00058	.00006	.04826	.00030	.01062
%RSD	215.63	36.840	2.6341	1455.0	.19598	95.776	21.640	561.88

#1	-.00011	.00072	.58924	.00071	.02870	-.00532	.00109	.01368
#2	.00014	.00132	.62112	-.00027	.02881	.07930	.00132	-.00692
#3	.00019	.00074	.60514	-.00032	.02872	.07717	.00168	-.00109

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04641	.07740	-.00037	.00177	.00463	.0212	.00049	5.4463
Stddev	.00258	.00286	.00092	.00143	.00142	.0036	.00018	.1421
%RSD	5.5680	3.6915	250.34	80.493	30.602	16.98	36.479	2.6085

#1	.04773	.07965	-.00123	.00092	.00328	.0249	.00068	5.2842
#2	.04343	.07419	.00060	.00098	.00451	.0210	.00048	5.5495
#3	.04807	.07837	-.00048	.00342	.00611	.0177	.00032	5.5051

Sample Name: K3433-02LX5 Acquired: 6/25/2019 14:15:28 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .79286
 %RSD 892.92

#1 .47262
 #2 .25678
 #3 -.99578

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1938.9	23638.	2029.8	33.706	2167.5
Stddev	6.6	122.	12.6	1.506	8.1
%RSD	.34142	.51765	.62119	4.4676	.37566

#1	1931.4	23543.	2024.9	35.114	2159.1
#2	1944.0	23596.	2020.3	32.118	2175.4
#3	1941.3	23776.	2044.1	33.886	2167.8

Sample Name: K3433-02MS Acquired: 6/25/2019 14:19:55 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79743	2.0673	.99206	2.1001	.82622	2.1880	.23913	.21295	.19958
Stddev	.00307	.0036	.00363	.0039	.00052	.0132	.00049	.00042	.00058
%RSD	.38513	.17287	.36620	.18366	.06330	.60177	.20288	.19505	.28998

#1	.80060	2.0667	.98807	2.0958	.82598	2.1885	.23941	.21248	.19892
#2	.79447	2.0641	.99291	2.1013	.82683	2.1746	.23940	.21326	.19982
#3	.79722	2.0711	.99519	2.1032	.82587	2.2009	.23856	.21312	.19999

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7995	.43059	.20367	.34407	4.9222	.24464	2.1842	.50871	.07837
Stddev	.0235	.00148	.00047	.00124	.0135	.00063	.0289	.00122	.00103
%RSD	1.3050	.34291	.23091	.35976	.27499	.25828	1.3240	.23892	1.3185

#1	1.7728	.43096	.20314	.34325	4.9091	.24527	2.1520	.50785	.07822
#2	1.8088	.43184	.20384	.34347	4.9362	.24465	2.2080	.51010	.07947
#3	1.8169	.42896	.20403	.34550	4.9213	.24400	2.1926	.50819	.07742

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8929	.32211	.33850	10.153	.42709	.31789	.21490	1.3217	.68870
Stddev	.0362	.00093	.00074	.074	.00052	.00998	.00352	.0100	.00276
%RSD	.61430	.28998	.21771	.72443	.12153	3.1388	1.6374	.75366	.40013

#1	5.8584	.32185	.33781	10.087	.42676	.30688	.21630	1.3119	.68553
#2	5.8897	.32134	.33843	10.139	.42682	.32045	.21089	1.3216	.69014
#3	5.9305	.32315	.33927	10.232	.42769	.32634	.21749	1.3318	.69044

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20787	.21663	6.061	.26471	5.7769	.02406			
Stddev	.00160	.00549	.010	.00194	.1034	.48479			
%RSD	.76873	2.5356	.1675	.73134	1.7896	2014.6			

#1	.20751	.21843	6.053	.26316	5.6736	-.52304			
#2	.20962	.21046	6.057	.26409	5.7766	.19502			
#3	.20649	.22100	6.072	.26688	5.8804	.40022			

Sample Name: K3433-02MS Acquired: 6/25/2019 14:19:55 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1974.5	24104.	2050.9	34.834	2172.5
Stddev	2.7	72.	5.8	1.430	3.8
%RSD	.13572	.29710	.28306	4.1047	.17394
#1	1977.6	24097.	2045.6	34.298	2176.8
#2	1973.0	24036.	2057.1	33.750	2170.5
#3	1972.9	24179.	2049.9	36.455	2170.1

Sample Name: K3433-02MSD Acquired: 6/25/2019 14:24:01 Type: Unk
Method: P4-ICP2(v3231) 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	.78563	2.0408	.98132	2.0718	.81799	2.1731	.23820	.21161
Stddev	.00382	.0065	.00519	.0090	.00065	.0384	.00133	.00063
%RSD	.48634	.31589	.52873	.43464	.08000	1.7683	.55993	.29822

#1	.78913	2.0466	.98703	2.0751	.81872	2.1305	.23702	.21098
#2	.78156	2.0339	.97689	2.0786	.81747	2.1837	.23794	.21224
#3	.78621	2.0418	.98005	2.0616	.81777	2.2051	.23965	.21161

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19725	1.7935	.42702	.20108	.33909	4.8707	.24316	2.1587
Stddev	.00051	.0119	.00127	.00062	.00171	.0092	.00083	.0143
%RSD	.25990	.66348	.29843	.30760	.50333	.18787	.34178	.66368

#1	.19779	1.7975	.42609	.20124	.33873	4.8606	.24412	2.1435
#2	.19677	1.8030	.42650	.20160	.33759	4.8731	.24277	2.1720
#3	.19718	1.7802	.42847	.20040	.34095	4.8784	.24260	2.1605

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50345	.07790	5.8216	.31836	.33414	10.041	.42266	.31466
Stddev	.00056	.00123	.0424	.00041	.00037	.097	.00038	.01651
%RSD	.11159	1.5811	.72828	.12808	.11143	.96513	.08879	5.2474

#1	.50406	.07925	5.7771	.31834	.33412	10.031	.42292	.29627
#2	.50296	.07759	5.8260	.31796	.33452	9.9489	.42223	.32822
#3	.50332	.07684	5.8616	.31877	.33378	10.142	.42283	.31948

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21173	1.3156	.68311	.20693	.21504	5.986	.26244	5.9334
Stddev	.00692	.0049	.00568	.00147	.00312	.006	.00102	.1542
%RSD	3.2670	.37153	.83200	.70810	1.4519	.0981	.38683	2.5985

#1	.21480	1.3210	.68966	.20667	.21859	5.992	.26223	6.0315
#2	.20381	1.3143	.67949	.20561	.21272	5.985	.26155	5.7557
#3	.21658	1.3115	.68017	.20850	.21381	5.981	.26355	6.0131

Sample Name: K3433-02MSD Acquired: 6/25/2019 14:24:01 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .35067
%RSD 1092.1

#1 -.38038
#2 -.03685
#3 .32091

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1980.8	23985.	2039.7	32.780	2175.3
Stddev	9.2	23.	14.6	.473	12.1
%RSD	.46428	.09426	.71559	1.4426	.55484

#1	1970.8	23967.	2026.9	33.136	2161.8
#2	1982.8	23979.	2036.6	32.243	2179.3
#3	1988.8	24010.	2055.6	32.959	2184.9

Sample Name: K3433-02A Acquired: 6/25/2019 14:28:08 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78659	2.0600	.99032	2.0957	.82647	2.1758	.23921	.21283	.19883
Stddev	.00329	.0020	.00318	.0033	.00222	.0217	.00266	.00045	.00025
%RSD	.41864	.09666	.32158	.15643	.26893	.99810	1.1110	.21274	.12393
#1	.78434	2.0620	.99251	2.0970	.82661	2.1573	.24110	.21252	.19893
#2	.78506	2.0580	.99179	2.0920	.82862	2.1703	.23617	.21335	.19902
#3	.79037	2.0601	.98667	2.0981	.82418	2.1997	.24035	.21262	.19855
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8299	.42779	.20342	.34253	4.9066	.24510	2.1673	.50610	.07792
Stddev	.0624	.00098	.00020	.00017	.0064	.00012	.0710	.00074	.00079
%RSD	3.4115	.22957	.09735	.04886	.12961	.04922	3.2756	.14557	1.0161
#1	1.8916	.42687	.20321	.34260	4.9045	.24524	2.0939	.50638	.07716
#2	1.8314	.42882	.20361	.34234	4.9016	.24503	2.2356	.50527	.07874
#3	1.7668	.42768	.20345	.34264	4.9138	.24502	2.1724	.50666	.07786
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8713	.32049	.33778	10.027	.42607	.31798	.21092	1.3294	.68537
Stddev	.0197	.00347	.00021	.056	.00082	.02762	.00650	.0324	.00046
%RSD	.33604	1.0840	.06358	.55398	.19315	8.6864	3.0819	2.4380	.06652
#1	5.8919	.32002	.33801	10.067	.42512	.30666	.21632	1.3654	.68493
#2	5.8526	.32417	.33772	9.9635	.42658	.34947	.20371	1.3204	.68584
#3	5.8692	.31727	.33760	10.051	.42651	.29783	.21274	1.3025	.68534
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21060	.21828	6.004	.26825	5.9449	.27583			
Stddev	.00664	.00332	.014	.00784	.3532	.61120			
%RSD	3.1518	1.5227	.2329	2.9237	5.9405	221.59			
#1	.21743	.22174	6.020	.27730	5.8640	.97932			
#2	.21019	.21511	5.992	.26342	5.6393	-.02711			
#3	.20418	.21799	6.000	.26404	6.3315	-.12473			

Sample Name: K3433-02A Acquired: 6/25/2019 14:28:08 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1969.7	24032.	2017.4	33.528	2163.8
Stddev	1.9	30.	48.8	2.266	5.8
%RSD	.09417	.12486	2.4171	6.7591	.26590
#1	1968.2	24033.	1961.7	31.607	2159.4
#2	1969.2	24001.	2038.0	36.027	2161.7
#3	1971.8	24061.	2052.5	32.950	2170.4

Sample Name: PB120903BL Acquired: 6/25/2019 14:50:50 Type: Unk
Method: P4-ICP2(v3231) 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	-.00222	-.00033	.00186	.00331	-.00112	.00948	.00182	.00008
Stddev	.00186	.00195	.00073	.00345	.00211	.00820	.00062	.00007
%RSD	83.621	585.05	39.130	104.27	188.01	86.570	34.064	93.025

#1	-.00200	-.00225	.00245	.00152	.00130	.01521	.00110	-.00001
#2	-.00417	-.00041	.00209	.00729	-.00257	.01315	.00220	.00012
#3	-.00048	.00165	.00105	.00113	-.00209	.00008	.00215	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00285	-.00007	.00021	.00030	.00055	.00013	-.01948
Stddev	.00004	.02033	.00076	.00010	.00018	.00020	.00010	.01388
%RSD	87.710	712.98	1108.8	47.684	60.672	35.965	77.694	71.221

#1	-.00007	-.02061	-.00055	.00015	.00048	.00077	.00005	-.02077
#2	-.00007	.01390	-.00046	.00015	.00031	.00042	.00025	-.03267
#3	.00000	.01527	.00080	.00032	.00011	.00045	.00010	-.00501

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	.00053	.03397	.00010	.00025	-.03075	-.00027	-.00543
Stddev	.00083	.00043	.00459	.00067	.00012	.05352	.00017	.01240
%RSD	249.58	80.567	13.501	697.58	46.198	174.03	63.073	228.39

#1	.00057	.00102	.03167	-.00008	.00037	.03092	-.00042	-.01891
#2	-.00051	.00035	.03098	.00083	.00015	-.05816	-.00032	.00548
#3	-.00106	.00023	.03925	-.00047	.00023	-.06501	-.00008	-.00285

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00155	.00033	.00012	-.00142	.00376	-.0002	.00001	6.2188
Stddev	.00082	.00122	.00044	.00134	.00230	.0005	.00007	.1828
%RSD	52.700	372.99	371.50	93.951	61.172	221.8	518.91	2.9399

#1	-.00250	.00114	.00028	-.00052	.00576	-.0007	-.00002	6.0611
#2	-.00111	-.00108	.00047	-.00079	.00125	.0001	.00009	6.4192
#3	-.00105	.00093	-.00038	-.00296	.00426	.0000	-.00003	6.1760

Sample Name: PB120903BL Acquired: 6/25/2019 14:50:50 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .02373
Stddev .14840
%RSD 625.46

#1 .17274
#2 .02248
#3 -.12405

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1900.2	23291.	2000.0	32.580	2118.7
Stddev	2.5	29.	2.0	1.664	3.6
%RSD	.13029	.12298	.09894	5.1088	.16888

#1	1899.5	23280.	1999.3	32.045	2119.4
#2	1903.0	23269.	1998.4	34.445	2122.0
#3	1898.2	23323.	2002.2	31.248	2114.9

Sample Name: PB120903BS Acquired: 6/25/2019 14:55:19 Type: Unk
Method: P4-ICP2(v3231) 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	.76948	2.0293	.98837	1.9611	.82771	2.1258	.21504	.20249
Stddev	.00149	.0078	.00426	.0065	.00284	.0224	.00116	.00073
%RSD	.19379	.38506	.43122	.32906	.34352	1.0538	.53828	.35988
#1	.76799	2.0255	.99199	1.9627	.82914	2.1483	.21374	.20233
#2	.76947	2.0383	.98944	1.9540	.82955	2.1035	.21596	.20328
#3	.77098	2.0242	.98368	1.9666	.82444	2.1257	.21542	.20185
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19518	1.1305	.43730	.20715	.33484	3.3125	.22524	2.0660
Stddev	.00069	.0203	.00136	.00132	.00060	.0059	.00116	.0987
%RSD	.35562	1.7918	.31089	.63556	.18044	.17779	.51535	4.7770
#1	.19531	1.1135	.43838	.20818	.33415	3.3058	.22547	2.0166
#2	.19580	1.1529	.43776	.20761	.33522	3.3169	.22627	2.0018
#3	.19443	1.1252	.43577	.20567	.33516	3.3148	.22398	2.1797
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50962	.07569	3.1228	.32838	.20574	10.126	.43415	.30357
Stddev	.00091	.00029	.0094	.00037	.00087	.049	.00130	.02797
%RSD	.17879	.38080	.29929	.11211	.42460	.48400	.29984	9.2133
#1	.50958	.07536	3.1232	.32799	.20636	10.088	.43267	.32351
#2	.51055	.07584	3.1320	.32872	.20612	10.182	.43514	.27160
#3	.50873	.07587	3.1133	.32844	.20475	10.110	.43462	.31560
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00716	.90696	.68931	.21230	.22526	5.707	.27070	7.4815
Stddev	.00540	.00242	.00173	.00338	.00332	.034	.00117	.1462
%RSD	75.392	.26687	.25097	1.5931	1.4748	.5966	.43280	1.9542
#1	-.01311	.90443	.69061	.21249	.22143	5.733	.27050	7.5794
#2	-.00584	.90925	.68998	.20883	.22732	5.720	.26964	7.5517
#3	-.00255	.90719	.68735	.21559	.22704	5.669	.27196	7.3134

Sample Name: PB120903BS Acquired: 6/25/2019 14:55:19 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .53723
%RSD 57.034

#1 -.78256
#2 -.50245
#3 -1.5408

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1817.6	22591.	1917.2	32.072	2007.8
Stddev	3.7	39.	6.4	1.181	10.6
%RSD	.20517	.17154	.33467	3.6833	.52709

#1	1813.3	22559.	1916.1	32.027	2000.0
#2	1820.0	22580.	1924.2	30.914	2003.5
#3	1819.4	22634.	1911.5	33.275	2019.8

Sample Name: CCV04 Acquired: 6/25/2019 14:59:28 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8469	5.0068	4.8646	4.9160	5.0029	10.110	9.7154	.24965	2.4606
Stddev	.0267	.0144	.0132	.0094	.0059	.040	.0234	.00032	.0037
%RSD	.55004	.28681	.27023	.19189	.11738	.39670	.24052	.12965	.14964
#1	4.8776	4.9928	4.8606	4.9097	5.0096	10.071	9.6990	.24962	2.4588
#2	4.8334	5.0215	4.8792	4.9269	5.0007	10.151	9.7421	.24998	2.4648
#3	4.8297	5.0062	4.8539	4.9115	4.9985	10.106	9.7050	.24934	2.4581
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.645	.98567	2.4712	1.2572	5.0007	2.5069	24.656	2.4550	1.2143
Stddev	.203	.00054	.0056	.0024	.0054	.0010	.147	.0010	.0023
%RSD	.82409	.05505	.22531	.18848	.10728	.04047	.59641	.04283	.18738
#1	24.596	.98530	2.4684	1.2596	4.9996	2.5080	24.499	2.4560	1.2143
#2	24.471	.98630	2.4776	1.2570	5.0066	2.5060	24.790	2.4551	1.2166
#3	24.868	.98543	2.4676	1.2549	4.9961	2.5068	24.681	2.4539	1.2120
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.152	2.4751	2.4463	24.083	4.9339	4.8791	4.8252	4.7016	4.8517
Stddev	.075	.0056	.0049	.081	.0179	.0169	.0083	.0332	.0013
%RSD	.30979	.22575	.20052	.33731	.36305	.34726	.17244	.70669	.02755
#1	24.067	2.4718	2.4461	24.037	4.9524	4.8982	4.8160	4.6677	4.8523
#2	24.208	2.4816	2.4513	24.177	4.9326	4.8730	4.8275	4.7031	4.8502
#3	24.180	2.4720	2.4415	24.036	4.9166	4.8661	4.8321	4.7341	4.8526
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	4.8525	4.9638	5.037	5.2227	6.5458	2.6697			
Stddev	.0188	.0248	.011	.0203	.0377	.4238			
%RSD	.38700	.49899	.2082	.38877	.57517	15.874			
#1	4.8466	4.9390	5.048	5.2020	6.5478	2.2583			
#2	4.8374	4.9637	5.036	5.2236	6.5072	2.6459			
#3	4.8735	4.9886	5.028	5.2425	6.5824	3.1049			

Sample Name: CCV04 Acquired: 6/25/2019 14:59:28 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1889.0	23258.	2034.1	32.101	1933.1
Stddev	6.5	37.	4.5	.474	3.8
%RSD	.34590	.15875	.22316	1.4776	.19438
#1	1881.7	23256.	2038.2	31.873	1931.1
#2	1891.3	23222.	2034.9	31.784	1930.7
#3	1894.1	23295.	2029.3	32.646	1937.4

Sample Name: CCB04 Acquired: 6/25/2019 15:03:26 Type: Unk
Method: P4-ICP2(v3231) 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	-.00465	-.00006	.00117	.00368	-.00065	-.00434	.00187
Stddev	.00181	.00175	.00077	.00452	.00206	.02602	.00110
%RSD	38.900	2891.0	66.444	122.54	317.79	599.94	58.958

#1	-.00373	.00172	.00045	.00863	-.00300	.02241	.00210
#2	-.00673	-.00179	.00106	-.00023	.00026	-.02956	.00067
#3	-.00348	-.00012	.00199	.00265	.00080	-.00586	.00285

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00010	-.03553	-.00005	.00003	.00015	.00059
Stddev	.00004	.00005	.01118	.00092	.00012	.00043	.00053
%RSD	14604.	47.435	31.459	1738.6	381.66	296.29	90.019

#1	.00004	-.00015	-.04595	.00034	-.00010	-.00011	.00013
#2	-.00002	-.00005	-.03690	-.00111	.00015	.00065	.00118
#3	-.00002	-.00010	-.02373	.00060	.00005	-.00009	.00048

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.07874	-.00021	.00111	.00884	-.00041	-.00052
Stddev	.00008	.11373	.00041	.00067	.00480	.00030	.00010
%RSD	118.36	144.43	196.48	60.884	54.286	74.042	19.785

#1	.00015	-.00372	.00024	.00036	.00330	-.00039	-.00044
#2	.00003	-.02292	-.00058	.00168	.01169	-.00012	-.00064
#3	.00001	-.20960	-.00029	.00129	.01152	-.00072	-.00049

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01723	.00050	.02303	-.00151	-.00077	-.00036	-.00037
Stddev	.06095	.00012	.01338	.00356	.00484	.00043	.00172
%RSD	353.78	24.714	58.095	235.68	625.69	118.64	460.18

#1	.01360	.00042	.02226	.00007	.00479	-.00006	-.00229
#2	-.04182	.00064	.03679	-.00558	-.00306	-.00086	.00102
#3	.07991	.00044	.01005	.00099	-.00405	-.00018	.00016

Sample Name: CCB04 Acquired: 6/25/2019 15:03:26 Type: Unk
 Method: P4-ICP2(v3231) 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	.00240	-.0021	.00011	F 5.9198	F<.00000
Stddev	.00196	.0011	.00012	.3155	.34887
%RSD	81.779	50.20	104.22	5.3288	188.60

#1	.00309	-.0010	.00024	5.7845	.11068
#2	.00018	-.0031	.00009	6.2804	-.09584
#3	.00392	-.0022	.00001	5.6947	-.56976

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1940.5	23881.	2036.2	33.158	2161.2
Stddev	2.7	23.	8.9	2.078	1.5
%RSD	.13846	.09505	.43819	6.2676	.07155

#1	1941.4	23870.	2032.6	31.918	2162.6
#2	1937.4	23907.	2046.4	35.557	2161.4
#3	1942.6	23866.	2029.6	31.998	2159.6

Sample Name: PB120903TB Acquired: 6/25/2019 15:07:55 Type: Unk
Method: P4-ICP2(v3231) 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	-.00179	-.00184	.00223	.00420	.00186	.00985	.00207	-.00010
Stddev	.00049	.00083	.00061	.00244	.00138	.00891	.00053	.00008
%RSD	27.433	45.171	27.492	58.187	74.433	90.463	25.410	75.358

#1	-.00230	-.00109	.00276	.00192	.00220	-.00043	.00263	-.00012
#2	-.00175	-.00274	.00237	.00390	.00034	.01472	.00200	-.00002
#3	-.00132	-.00170	.00156	.00678	.00304	.01528	.00158	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00033	-.00413	.00064	-.00009	.00003	.00325	.00035	-.07176
Stddev	.00008	.00822	.00007	.00040	.00063	.00150	.00005	.10288
%RSD	23.696	198.95	10.234	453.87	1869.6	46.061	14.783	143.37

#1	-.00028	-.01027	.00059	-.00034	.00004	.00498	.00040	.01698
#2	-.00029	-.00732	.00062	.00037	-.00059	.00243	.00034	-.18452
#3	-.00042	.00520	.00071	-.00029	.00066	.00234	.00030	-.04773

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	.00178	347.32	.00013	.00699	.09172	-.00009	.01268
Stddev	.00025	.00072	.49	.00064	.00017	.04527	.00023	.01230
%RSD	81.270	40.419	.14123	477.40	2.4611	49.354	240.25	96.967

#1	.00057	.00221	347.08	-.00047	.00683	.08263	.00017	-.00096
#2	.00030	.00219	347.88	.00080	.00697	.05169	-.00022	.01608
#3	.00006	.00095	347.00	.00007	.00717	.14085	-.00023	.02292

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	.00777	.00117	-.00116	.00614	-.0014	-.00003	7.8054
Stddev	.00685	.00312	.00137	.00253	.00112	.0019	.00016	.0936
%RSD	568.94	40.168	117.44	218.58	18.306	134.2	475.73	1.1998

#1	-.00041	.00517	.00275	-.00096	.00680	.0002	.00014	7.7647
#2	.00871	.00690	.00025	.00127	.00484	-.0010	-.00016	7.9125
#3	-.00469	.01123	.00051	-.00378	.00679	-.0035	-.00008	7.7390

Sample Name: PB120903TB Acquired: 6/25/2019 15:07:55 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .28676
%RSD 86.849

#1 -.02762
#2 -.36495
#3 -.59797

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1766.8	21669.	1952.8	30.642	1828.0
Stddev	5.9	119.	15.8	.295	7.2
%RSD	.33628	.55090	.81051	.96435	.39211

#1	1760.9	21532.	1934.7	30.458	1824.5
#2	1766.7	21751.	1959.5	30.982	1823.4
#3	1772.8	21723.	1964.2	30.485	1836.3

Sample Name: PB120904BL Acquired: 6/25/2019 15:12:24 Type: Unk
Method: P4-ICP2(v3231) 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	-.00416	-.00301	.00019	.00368	-.00133	.00850	.00136	-.00015
Stddev	.00462	.00016	.00133	.00287	.00179	.02427	.00013	.00013
%RSD	111.08	5.3419	688.28	78.010	134.62	285.50	9.7227	86.878

#1	.00117	-.00312	.00125	.00700	-.00321	-.01872	.00128	-.00029
#2	-.00654	-.00308	.00062	.00192	-.00113	.02788	.00128	-.00015
#3	-.00710	-.00282	-.00130	.00213	.00035	.01634	.00151	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.00534	.00010	-.00015	-.00037	.00221	.00024	-.17803
Stddev	.00004	.01344	.00042	.00028	.00050	.00034	.00004	.04116
%RSD	30.008	251.78	407.38	181.89	137.01	15.477	17.845	23.118

#1	-.00019	-.01215	-.00035	.00017	-.00056	.00244	.00028	-.15571
#2	-.00012	-.01400	.00020	-.00033	-.00074	.00182	.00022	-.22553
#3	-.00011	.01014	.00047	-.00029	.00020	.00237	.00021	-.15286

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00038	.00079	.08158	.00002	.00560	.04213	-.00004	-.02171
Stddev	.00030	.00107	.00636	.00054	.00016	.03112	.00004	.01537
%RSD	80.576	135.32	7.7961	2233.8	2.8545	73.876	87.293	70.817

#1	-.00057	-.00036	.08466	-.00050	.00553	.04033	-.00005	-.00983
#2	-.00003	.00176	.08582	.00000	.00579	.01194	-.00000	-.01622
#3	-.00053	.00096	.07427	.00058	.00550	.07411	-.00007	-.03907

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00100	.00170	-.00017	-.00106	.00498	-.0002	.00015	6.3332
Stddev	.00176	.00089	.00040	.00079	.00136	.0013	.00009	.1320
%RSD	175.58	52.278	243.73	74.604	27.377	866.9	62.714	2.0845

#1	-.00063	.00272	.00030	-.00113	.00349	-.0016	.00012	6.4792
#2	.00054	.00131	-.00043	-.00023	.00530	.0010	.00007	6.2983
#3	-.00291	.00108	-.00036	-.00181	.00616	.0001	.00026	6.2221

Sample Name: PB120904BL Acquired: 6/25/2019 15:12:24 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .58409
%RSD 160.00

#1 -.92222
#2 -.41563
#3 .24267

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.5	23267.	2001.2	33.590	2050.9
Stddev	8.4	105.	8.6	.999	10.8
%RSD	.45497	.45059	.43045	2.9737	.52441

#1	1843.9	23193.	2008.2	34.502	2043.2
#2	1836.4	23387.	2003.8	32.523	2046.2
#3	1853.1	23221.	1991.6	33.745	2063.2

Sample Name: PB120904BS Acquired: 6/25/2019 15:34:01 Type: Unk
Method: P4-ICP2(v3231) 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	.80510	2.1193	1.0289	2.0639	.85679	2.2151	.22079
Stddev	.00357	.0158	.0078	.0101	.00773	.0014	.00174
%RSD	.44393	.74524	.75795	.48825	.90174	.06147	.78712

#1	.80912	2.1371	1.0378	2.0755	.86533	2.2139	.21997
#2	.80390	2.1137	1.0261	2.0586	.85475	2.2148	.22278
#3	.80228	2.1071	1.0229	2.0576	.85029	2.2166	.21961

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21602	.20445	1.1775	.45833	.21353	.34889	3.4795
Stddev	.00081	.00158	.0149	.00078	.00182	.00123	.0162
%RSD	.37349	.77459	1.2692	.17118	.85423	.35157	.46526

#1	.21646	.20621	1.1710	.45901	.21555	.35030	3.4831
#2	.21652	.20398	1.1669	.45747	.21300	.34822	3.4935
#3	.21509	.20315	1.1946	.45851	.21202	.34814	3.4618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23681	2.1116	.52951	.08032	3.2338	.34362	.21532
Stddev	.00040	.0117	.00415	.00048	.0065	.00075	.00157
%RSD	.16988	.55218	.78411	.59269	.20185	.21884	.72709

#1	.23711	2.1180	.53388	.08087	3.2407	.34446	.21707
#2	.23635	2.0981	.52902	.08005	3.2331	.34300	.21485
#3	.23697	2.1186	.52562	.08004	3.2277	.34340	.21404

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.462	.44298	.33186	F -.00663	.97737	.70871	.22181
Stddev	.045	.00382	.02202	.00396	.01454	.00775	.00381
%RSD	.43305	.86311	6.6349	59.761	1.4874	1.0930	1.7167

#1	10.429	.44729	.34613	-.00230	.96246	.71721	.21870
#2	10.443	.44166	.30650	-.01008	.97816	.70688	.22606
#3	10.514	.44000	.34295	-.00751	.99150	.70205	.22067

Sample Name: PB120904BS Acquired: 6/25/2019 15:34:01 Type: Unk
Method: P4-ICP2(v3231) 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	.23221	5.959	F .28175	F 7.1106	F<.00000
Stddev	.00066	.038	.00187	.2280	.22066
%RSD	.28394	.6317	.66405	3.2060	28.633

#1	.23211	6.003	.27961	7.3702	-1.0236
#2	.23291	5.937	.28261	7.0185	-.67028
#3	.23160	5.938	.28304	6.9431	-.61799

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1935.2	23195.	1945.1	30.969	2139.6
Stddev	30.6	147.	9.5	1.161	39.1
%RSD	1.5809	.63452	.48793	3.7482	1.8266

#1	1901.6	23100.	1953.0	29.757	2097.5
#2	1942.7	23120.	1934.5	32.070	2146.7
#3	1961.4	23364.	1947.7	31.080	2174.7

Sample Name: PB120904TB Acquired: 6/25/2019 15:38:12 Type: Unk
Method: P4-ICP2(v3231) 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	-.00221	-.00107	.00384	.00405	.00234	.02305	.00130	-.00003
Stddev	.00213	.00147	.00202	.00352	.00213	.01064	.00021	.00002
%RSD	96.244	136.90	52.517	86.951	91.287	46.171	16.320	92.201
#1	-.00180	-.00276	.00364	.00005	.00456	.01109	.00116	-.00005
#2	-.00032	-.00007	.00595	.00668	.00031	.03147	.00119	-.00000
#3	-.00452	-.00039	.00193	.00540	.00214	.02659	.00154	-.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00031	-.00114	.00119	-.00016	.00041	.00583	.00085	-.12605
Stddev	.00013	.01282	.00042	.00019	.00022	.00080	.00004	.02112
%RSD	41.140	1121.1	35.498	112.67	54.182	13.749	4.3927	16.754
#1	-.00016	-.01574	.00092	-.00030	.00025	.00628	.00081	-.14521
#2	-.00036	.00832	.00168	-.00025	.00067	.00631	.00088	-.12953
#3	-.00040	.00398	.00097	.00005	.00031	.00491	.00086	-.10341
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00191	.00220	F 389.42	-.00004	.00986	.12827	.00015	.01660
Stddev	.00042	.00080	8.62	.00030	.00028	.04901	.00008	.01907
%RSD	22.065	36.424	2.2125	855.91	2.8271	38.207	55.382	114.92
#1	.00228	.00235	383.11	-.00037	.00964	.07924	.00021	.01307
#2	.00145	.00292	385.91	.00022	.01018	.17726	.00006	-.00046
#3	.00200	.00134	399.24	.00004	.00978	.12831	.00019	.03719
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00849	.00647	.00213	-.00025	.00770	.0005	-.00009	7.7204
Stddev	.00299	.00107	.00117	.00238	.00189	.0033	.00006	.2101
%RSD	35.195	16.587	55.090	943.02	24.519	697.8	66.214	2.7213
#1	.00874	.00668	.00083	-.00183	.00831	-.0033	-.00007	7.5904
#2	.01135	.00531	.00310	.00249	.00558	.0017	-.00005	7.6080
#3	.00539	.00743	.00247	-.00142	.00921	.0030	-.00016	7.9628

Sample Name: PB120904TB Acquired: 6/25/2019 15:38:12 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.44842
%RSD	2003.5

#1	-.43965
#2	.45177
#3	-.07927

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1759.1	21632.	1958.4	32.214	1818.5
Stddev	36.8	305.	4.7	.317	41.7
%RSD	2.0924	1.4103	.23964	.98341	2.2956

#1	1782.4	21769.	1959.3	32.186	1837.6
#2	1716.6	21844.	1962.5	32.543	1770.6
#3	1778.2	21282.	1953.3	31.911	1847.2

Sample Name: PB120896BL Acquired: 6/25/2019 15:42:48 Type: Unk
Method: P4-ICP2(v3231) 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	-.00418	-.00053	.00020	.00228	-.00051	-.01597	.00115	-.00000
Stddev	.00211	.00056	.00067	.00364	.00200	.03509	.00021	.00006
%RSD	50.539	106.11	338.65	159.65	394.70	219.77	18.320	4177.5
#1	-.00566	-.00071	.00085	.00611	.00037	-.03192	.00132	-.00003
#2	-.00512	.00010	-.00049	.00186	-.00279	.02427	.00092	-.00005
#3	-.00176	-.00097	.00023	-.00113	.00091	-.04025	.00123	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	-.01666	-.00050	.00010	-.00033	-.00037	.00008	-.08070
Stddev	.00012	.01590	.00045	.00015	.00013	.00021	.00009	.02692
%RSD	239.97	95.456	91.007	149.76	40.586	57.479	118.18	33.363
#1	.00007	-.01387	-.00102	.00015	-.00035	-.00015	.00013	-.05567
#2	-.00006	-.03378	-.00019	.00021	-.00045	-.00057	-.00003	-.10919
#3	-.00017	-.00234	-.00028	-.00007	-.00018	-.00040	.00013	-.07723
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00065	.12398	-.00027	-.00056	.09837	-.00031	-.00022
Stddev	.00021	.00018	.00848	.00019	.00011	.04983	.00015	.00966
%RSD	2340.7	27.638	6.8360	71.198	19.339	50.655	48.590	4297.0
#1	.00017	.00045	.12519	-.00006	-.00069	.12548	-.00014	-.01138
#2	.00009	.00071	.13179	-.00031	-.00049	.04086	-.00044	.00512
#3	-.00023	.00079	.11497	-.00043	-.00051	.12877	-.00036	.00558
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00375	-.00397	-.00052	-.00566	F .00677	-.0019	-.00005	F 4.8024
Stddev	.00487	.00187	.00084	.00190	.00130	.0035	.00012	.3052
%RSD	130.08	47.133	160.35	33.570	19.195	182.9	268.45	6.3554
#1	.00012	-.00550	-.00149	-.00358	.00541	.0011	-.00010	4.4530
#2	-.00214	-.00452	-.00012	-.00731	.00690	-.0058	-.00013	4.9373
#3	-.00922	-.00189	.00004	-.00607	.00801	-.0011	.00009	5.0170

Sample Name: PB120896BL Acquired: 6/25/2019 15:42:48 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .22135
Stddev	.36258
%RSD	163.81

#1	.38779
#2	.47081
#3	-.19457

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1989.5	24383.	2096.6	34.848	2223.0
Stddev	3.4	56.	8.4	.505	2.6
%RSD	.17250	.22881	.39995	1.4502	.11906

#1	1992.7	24421.	2093.9	35.393	2223.6
#2	1985.8	24408.	2106.0	34.395	2220.1
#3	1989.9	24319.	2089.9	34.755	2225.3

Sample Name: K3485-01 Acquired: 6/25/2019 15:51:42 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GWMH-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04643	-.01948	1.2956	-.02204	.01105	387.00	7.1925	.03051
Stddev	.00224	.00586	.0047	.00438	.00161	1.27	.0104	.00023
%RSD	4.8177	30.065	.36069	19.863	14.598	.32926	.14445	.76145
#1	.04626	-.01640	1.2953	-.02441	.01278	385.53	7.1805	.03070
#2	.04428	-.02623	1.2911	-.01699	.01078	387.69	7.1977	.03058
#3	.04874	-.01580	1.3004	-.02472	.00959	387.78	7.1992	.03025
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09356	120.78	.39284	.58530	1.7972	301.85	16.543	188.06
Stddev	.00069	.45	.00116	.00041	.0099	.81	.056	.41
%RSD	.73504	.37370	.29616	.07028	.54955	.26859	.34030	.21566
#1	.09428	120.68	.39211	.58565	1.8060	302.46	16.545	187.73
#2	.09291	120.39	.39222	.58540	1.7992	300.93	16.485	187.94
#3	.09349	121.27	.39418	.58484	1.7865	302.15	16.598	188.51
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2720	-.01423	128.24	.58579	4.9230	70.488	.06513	.55212
Stddev	.0019	.00081	.26	.00254	.0217	.287	.00030	.01775
%RSD	.14513	5.7221	.20027	.43380	.44079	.40735	.45593	3.2146
#1	1.2722	-.01502	127.96	.58622	4.9453	70.172	.06536	.57035
#2	1.2701	-.01339	128.32	.58306	4.9219	70.562	.06479	.55111
#3	1.2738	-.01427	128.45	.58808	4.9019	70.731	.06523	.53490
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 29.635	F 80.420	.07640	5.0953	.93799	F 30.87	.42897	<.00000
Stddev	.108	.353	.00169	.0109	.00432	.15	.00116	.71080
%RSD	.36506	.43938	2.2082	.21317	.46009	.5000	.26949	2.7358
#1	29.543	80.473	.07675	5.0863	.93482	30.94	.42851	-26.104
#2	29.609	80.043	.07456	5.0921	.93625	30.97	.42812	-25.217
#3	29.754	80.743	.07788	5.1073	.94290	30.69	.43029	-26.623

Sample Name: K3485-01 Acquired: 6/25/2019 15:51:42 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GWMH-7 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 192.17
Stddev .80
%RSD .41428

#1 192.97
#2 191.38
#3 192.17

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3634.6	44097.	4155.3	30.554	1462.2
Stddev	27.0	90.	19.3	.315	9.2
%RSD	.74373	.20424	.46488	1.0326	.62989

#1	3606.4	44008.	4143.9	30.458	1452.4
#2	3637.1	44188.	4177.6	30.298	1463.5
#3	3660.3	44096.	4144.3	30.907	1470.7

Sample Name: K3486-01 Acquired: 6/25/2019 15:56:13 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-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	-.00275	-.00019	.07438	.00250	-.00030	.67343	.43019	.00003
Stddev	.00064	.00078	.00141	.00249	.00344	.04197	.00281	.00008
%RSD	23.204	405.63	1.8924	99.793	1128.2	6.2317	.65213	303.33
#1	-.00202	-.00046	.07452	.00330	.00122	.68283	.42794	-.00004
#2	-.00301	.00069	.07291	-.00030	.00211	.62756	.42929	.00000
#3	-.00322	-.00081	.07572	.00449	-.00424	.70990	.43333	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00063	363.99	.00073	.00135	.00654	3.2630	.71722	30.355
Stddev	.00006	2.47	.00031	.00017	.00033	.0096	.00165	.237
%RSD	10.007	.67767	41.965	12.295	4.9717	.29363	.23065	.78211
#1	-.00067	363.58	.00104	.00134	.00639	3.2528	.71559	30.100
#2	-.00067	366.63	.00043	.00119	.00692	3.2643	.71716	30.395
#3	-.00056	361.75	.00072	.00152	.00632	3.2718	.71890	30.569
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00114	-.00006	24.108	-.00180	.10524	9.9044	.00225	.33596
Stddev	.00029	.00022	.128	.00051	.00053	.1038	.00029	.02371
%RSD	25.764	395.88	.52905	28.623	.50195	1.0478	12.930	7.0578
#1	.00148	.00002	23.962	-.00229	.10576	9.7925	.00236	.30992
#2	.00093	.00011	24.165	-.00127	.10471	9.9233	.00191	.35630
#3	.00102	-.00030	24.197	-.00183	.10524	9.9974	.00246	.34167
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 37.058	F 12.230	-.00804	-.00385	.00982	.0394	1.7259	8.2640
Stddev	.140	.064	.00102	.00628	.00262	.0023	.0129	.1835
%RSD	.37786	.52217	12.697	162.93	26.655	5.744	.74605	2.2206
#1	37.206	12.256	-.00756	-.00352	.01269	.0387	1.7283	8.0776
#2	36.928	12.276	-.00921	.00225	.00919	.0419	1.7374	8.2701
#3	37.041	12.157	-.00734	-.01029	.00757	.0375	1.7120	8.4444

Sample Name: K3486-01 Acquired: 6/25/2019 15:56:13 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: W-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.2434
Stddev	.5978
%RSD	18.430

#1	2.9813
#2	3.9275
#3	2.8215

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1777.5	21853.	1982.4	31.834	1848.8
Stddev	1.6	21.	15.9	.469	3.5
%RSD	.09039	.09719	.80117	1.4742	.18792

#1	1775.7	21878.	1974.9	31.895	1847.2
#2	1778.8	21839.	1971.7	32.270	1852.8
#3	1778.0	21843.	2000.7	31.337	1846.4

Sample Name: K3486-02 Acquired: 6/25/2019 16:00:33 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-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	.00041	-.00053	.03064	.00251	-.00065	.95554	.14488	.00002
Stddev	.00074	.00084	.00202	.00072	.00070	.03783	.00058	.00006
%RSD	180.51	159.68	6.6004	28.744	107.60	3.9588	.39885	388.24
#1	.00106	-.00120	.02851	.00200	-.00046	.97459	.14422	.00008
#2	-.00040	.00041	.03089	.00334	-.00143	.91197	.14514	-.00002
#3	.00057	-.00079	.03253	.00220	-.00007	.98006	.14528	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00087	608.39	.00096	.00569	.00809	6.9996	2.1037	42.545
Stddev	.00007	2.23	.00034	.00006	.00027	.0093	.0045	.366
%RSD	8.3398	.36694	35.151	1.0316	3.3262	.13284	.21572	.86003
#1	-.00081	606.54	.00063	.00564	.00794	7.0101	2.0997	42.146
#2	-.00095	607.76	.00130	.00576	.00840	6.9925	2.1028	42.865
#3	-.00084	610.87	.00095	.00568	.00792	6.9962	2.1086	42.624
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01239	-.00010	33.650	-.00612	.12997	9.2672	.00565	.46571
Stddev	.00032	.00012	.176	.00020	.00033	.0425	.00008	.01639
%RSD	2.5821	123.58	.52175	3.3466	.25278	.45907	1.4978	3.5187
#1	.01262	-.00013	33.471	-.00597	.12989	9.2203	.00569	.48291
#2	.01252	.00004	33.655	-.00602	.12969	9.2779	.00572	.45028
#3	.01202	-.00020	33.822	-.00635	.13033	9.3034	.00556	.46395
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 159.09	F 14.621	-.05253	-.01166	.00951	.0697	2.9479	9.1322
Stddev	1.22	.035	.00041	.00431	.00167	.0025	.0120	.1723
%RSD	.76570	.24275	.77741	36.945	17.563	3.560	.40820	1.8868
#1	160.05	14.661	-.05282	-.00670	.01135	.0723	2.9408	8.9407
#2	157.72	14.609	-.05271	-.01442	.00808	.0673	2.9411	9.1811
#3	159.51	14.593	-.05206	-.01387	.00910	.0696	2.9618	9.2748

Sample Name: K3486-02 Acquired: 6/25/2019 16:00:33 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: W-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.0079
Stddev	.1500
%RSD	2.9953

#1	4.8596
#2	5.0044
#3	5.1596

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1764.6	21706.	1973.9	31.538	1801.7
Stddev	9.9	31.	4.8	1.712	13.2
%RSD	.55898	.14420	.24434	5.4272	.73314

#1	1755.1	21711.	1969.7	33.409	1788.4
#2	1774.8	21735.	1979.2	31.155	1814.8
#3	1763.9	21673.	1972.9	30.051	1801.9

Sample Name: K3486-03 Acquired: 6/25/2019 16:04:53 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-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	-.00046	.00015	.02671	-.00066	-.00175	.43539	.57481	-.00017
Stddev	.00035	.00120	.00025	.00151	.00184	.03694	.00410	.00010
%RSD	77.421	796.08	.92783	230.57	105.03	8.4836	.71355	55.374
#1	-.00085	-.00084	.02643	-.00142	-.00013	.42424	.57605	-.00026
#2	-.00035	-.00019	.02681	.00109	-.00138	.47662	.57815	-.00007
#3	-.00017	.00148	.02689	-.00164	-.00376	.40532	.57023	-.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00049	539.58	.00042	.00564	.01298	.88777	1.3463	53.094
Stddev	.00008	2.51	.00014	.00047	.00073	.00284	.0019	.459
%RSD	15.531	.46516	34.288	8.3537	5.6398	.32019	.14116	.86451
#1	-.00042	538.06	.00030	.00546	.01379	.89085	1.3465	53.409
#2	-.00048	538.19	.00058	.00529	.01281	.88723	1.3443	53.305
#3	-.00057	542.48	.00039	.00618	.01235	.88524	1.3481	52.568
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01447	.00022	74.830	-.00292	.36079	26.717	.00387	.59749
Stddev	.00026	.00053	.084	.00014	.00086	.148	.00040	.00946
%RSD	1.7993	241.95	.11196	4.8734	.23884	.55427	10.310	1.5825
#1	.01475	.00074	74.885	-.00300	.36164	26.755	.00354	.60166
#2	.01441	.00024	74.871	-.00275	.36081	26.841	.00377	.58666
#3	.01424	-.00032	74.733	-.00300	.35992	26.553	.00431	.60414
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.197	F 22.227	.00227	-.01776	.01888	.0753	3.0266	9.0359
Stddev	.039	.104	.00113	.00443	.00060	.0003	.0108	.2419
%RSD	.35025	.46733	49.987	24.934	3.1749	.3408	.35829	2.6772
#1	11.241	22.134	.00134	-.01694	.01836	.0753	3.0235	9.1650
#2	11.166	22.208	.00193	-.02254	.01953	.0756	3.0176	8.7569
#3	11.185	22.339	.00353	-.01380	.01874	.0751	3.0386	9.1859

Sample Name: K3486-03 Acquired: 6/25/2019 16:04:53 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: W-3 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.0130
Stddev	.3925
%RSD	9.7809

#1	3.7002
#2	4.4534
#3	3.8854

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1764.1	21804.	1994.2	31.581	1787.6
Stddev	5.7	51.	8.3	.898	6.4
%RSD	.32418	.23291	.41639	2.8422	.35724

#1	1757.6	21752.	1996.9	30.664	1780.3
#2	1768.3	21806.	2000.8	32.457	1791.9
#3	1766.5	21853.	1984.9	31.620	1790.7

Sample Name: PB120896BS Acquired: 6/25/2019 16:09:13 Type: Unk
Method: P4-ICP2(v3231) 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	.78421	2.0625	.99869	2.0231	.82391	2.1109	.21113
Stddev	.00549	.0065	.00191	.0040	.00221	.0245	.00108
%RSD	.69989	.31400	.19113	.19918	.26822	1.1623	.51231

#1	.79049	2.0699	.99674	2.0188	.82295	2.0887	.20994
#2	.78037	2.0596	1.0006	2.0267	.82644	2.1372	.21205
#3	.78176	2.0580	.99877	2.0238	.82235	2.1067	.21140

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21048	.19891	1.1407	.43694	.20614	.33859	3.3287
Stddev	.00049	.00046	.0023	.00079	.00065	.00048	.0007
%RSD	.23064	.22983	.20301	.18118	.31591	.14320	.02048

#1	.21097	.19919	1.1384	.43741	.20689	.33803	3.3288
#2	.21000	.19915	1.1409	.43738	.20568	.33890	3.3280
#3	.21045	.19838	1.1430	.43602	.20586	.33884	3.3293

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22685	1.9530	.51392	.07888	3.0822	.32873	.20870
Stddev	.00051	.0531	.00052	.00076	.0248	.00065	.00029
%RSD	.22614	2.7175	.10172	.96603	.80579	.19867	.14056

#1	.22740	1.9020	.51360	.07975	3.0536	.32926	.20868
#2	.22638	2.0079	.51453	.07849	3.0974	.32800	.20900
#3	.22678	1.9491	.51364	.07838	3.0957	.32894	.20842

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9364	.42573	.31756	F -.00355	.97701	.68490	.21001
Stddev	.0768	.00100	.02126	.00282	.01023	.00279	.00394
%RSD	.77276	.23578	6.6957	79.544	1.0474	.40699	1.8743

#1	9.8512	.42605	.33636	-.00234	.98632	.68784	.21446
#2	9.9578	.42653	.32184	-.00153	.97865	.68229	.20861
#3	10.000	.42460	.29448	-.00677	.96605	.68456	.20697

Sample Name: PB120896BS Acquired: 6/25/2019 16:09:13 Type: Unk
Method: P4-ICP2(v3231) 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	.22198	5.774	F .27124	F 5.1580	F<.00000
Stddev	.00210	.012	.00056	.0885	.37484
%RSD	.94813	.2127	.20772	1.7154	69.828
#1	.21995	5.784	.27093	5.0776	-.56961
#2	.22182	5.777	.27189	5.1435	-.89417
#3	.22415	5.760	.27091	5.2528	-.14664
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2076.3	25563.	2103.3	34.933	2297.1
Stddev	1.6	30.	11.1	1.400	.7
%RSD	.07801	.11628	.52572	4.0064	.02881
#1	2076.9	25585.	2092.3	36.277	2296.4
#2	2077.6	25529.	2103.2	35.039	2297.1
#3	2074.5	25575.	2114.4	33.484	2297.8

Sample Name: CCV05 Acquired: 6/25/2019 16:13:21 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15178 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8115	4.9534	4.8085	4.8593	4.9191	10.108	9.7560	.24650
Stddev	.0151	.0170	.0183	.0236	.0203	.098	.0654	.00038
%RSD	.31383	.34244	.38051	.48535	.41338	.97182	.67026	.15283
#1	4.8070	4.9342	4.7887	4.8354	4.8969	10.066	9.7598	.24682
#2	4.7992	4.9662	4.8249	4.8826	4.9237	10.220	9.8195	.24661
#3	4.8283	4.9598	4.8118	4.8600	4.9367	10.037	9.6888	.24609
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4286	24.323	.97111	2.4315	1.2374	4.9389	2.4793	24.447
Stddev	.0050	.183	.00223	.0034	.0049	.0135	.0025	.076
%RSD	.20615	.75192	.22973	.14180	.39381	.27386	.09921	.30892
#1	2.4229	24.314	.96869	2.4279	1.2318	4.9240	2.4765	24.510
#2	2.4314	24.144	.97308	2.4347	1.2395	4.9425	2.4810	24.467
#3	2.4317	24.510	.97155	2.4319	1.2408	4.9503	2.4804	24.363
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4184	1.2010	24.144	2.4513	2.4105	24.222	4.8742	4.9093
Stddev	.0067	.0007	.190	.0023	.0060	.081	.0150	.0121
%RSD	.27733	.05907	.78724	.09482	.24732	.33383	.30747	.24575
#1	2.4119	1.2005	24.116	2.4489	2.4039	24.174	4.8571	4.9162
#2	2.4181	1.2018	24.347	2.4535	2.4156	24.315	4.8808	4.8954
#3	2.4253	1.2007	23.969	2.4515	2.4120	24.176	4.8848	4.9164
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7949	4.7835	4.7879	4.7918	4.8875	4.992	5.1535	F 6.5142
Stddev	.0064	.0461	.0266	.0362	.0222	.022	.0332	.0194
%RSD	.13415	.96284	.55570	.75528	.45515	.4368	.64425	.29865
#1	4.7876	4.7886	4.7617	4.8112	4.9005	4.967	5.1750	6.5364
#2	4.7996	4.7352	4.8149	4.7501	4.8618	5.006	5.1153	6.5003
#3	4.7974	4.8269	4.7872	4.8143	4.9001	5.004	5.1702	6.5059

Sample Name: CCV05 Acquired: 6/25/2019 16:13:21 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15178 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0526
Stddev	.4830
%RSD	23.531

#1	2.0326
#2	2.5453
#3	1.5799

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1959.8	23990.	2126.5	34.409	2000.7
Stddev	3.6	73.	18.1	1.004	3.2
%RSD	.18260	.30562	.85355	2.9175	.16137

#1	1963.4	24027.	2121.5	33.960	2002.9
#2	1956.2	23905.	2146.6	35.559	1997.0
#3	1959.9	24037.	2111.3	33.708	2002.1

Sample Name: CCB05 Acquired: 6/25/2019 16:19:52 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15178 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00648	.00021	.00027	.00235	-.00242	-.00767	.00182
Stddev	.00436	.00151	.00072	.00418	.00140	.02210	.00037
%RSD	67.268	710.42	262.87	178.21	57.812	288.08	20.474

#1	-.00591	.00031	.00106	-.00148	-.00086	.01098	.00225
#2	-.00244	-.00135	-.00035	.00682	-.00284	-.00191	.00161
#3	-.01111	.00167	.00011	.00171	-.00357	-.03208	.00160

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00015	.00597	.00006	-.00000	.00025	.00053
Stddev	.00015	.00005	.03107	.00048	.00008	.00042	.00101
%RSD	393.18	32.516	520.41	855.95	42015.	171.85	190.94

#1	.00012	-.00010	-.00891	-.00047	.00009	.00008	.00168
#2	-.00006	-.00014	-.01486	.00018	-.00002	.00073	.00013
#3	-.00018	-.00019	.04169	.00046	-.00007	-.00007	-.00022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.03393	-.00050	.00037	.04221	-.00003	-.00056
Stddev	.00006	.11787	.00019	.00055	.00898	.00045	.00013
%RSD	54.835	347.43	37.714	148.11	21.274	1409.2	22.881

#1	.00005	-.13958	-.00065	.00023	.04417	-.00054	-.00045
#2	.00017	-.05541	-.00029	-.00009	.05004	.00011	-.00070
#3	.00012	.09321	-.00056	.00098	.03241	.00033	-.00053

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00726	.00062	.00723	-.00450	.01001	-.00011	-.00139
Stddev	.02788	.00056	.01059	.00290	.00485	.00043	.00405
%RSD	384.11	90.312	146.42	64.441	48.432	378.52	292.45

#1	.01371	.00116	.01909	-.00750	.01085	-.00037	-.00593
#2	-.02329	.00004	-.00128	-.00430	.01439	-.00036	-.00010
#3	.03135	.00067	.00388	-.00171	.00480	.00039	.00187

Sample Name: CCB05 Acquired: 6/25/2019 16:19:52 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15178 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00349	-.0013	.00032	F 6.1097	F<.00000
Stddev	.00130	.0011	.00008	.4003	.48707
%RSD	37.342	84.39	25.624	6.5517	394.19
#1	.00281	-.0006	.00036	6.5682	.37648
#2	.00499	-.0026	.00036	5.8301	-.59654
#3	.00266	-.0008	.00022	5.9307	-.15063
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1910.0	23392.	1992.5	33.078	2135.1
Stddev	3.6	14.	9.0	1.180	3.1
%RSD	.19008	.06011	.45186	3.5672	.14319
#1	1909.6	23384.	1982.4	32.027	2136.5
#2	1913.9	23408.	1995.7	34.355	2137.3
#3	1906.7	23384.	1999.5	32.852	2131.6

Sample Name: K3486-04 Acquired: 6/25/2019 16:24:57 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-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	.00073	.00069	.03817	.00131	-.00158	1.5606	.25371	.00001
Stddev	.00280	.00075	.00112	.00496	.00106	.0111	.00038	.00020
%RSD	381.02	109.22	2.9462	379.09	67.052	.71401	.14896	1458.8
#1	.00056	.00140	.03695	.00139	-.00221	1.5648	.25330	.00022
#2	-.00197	-.00010	.03839	-.00369	-.00036	1.5480	.25378	.00001
#3	.00362	.00076	.03917	.00622	-.00216	1.5690	.25405	-.00019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	358.87	.00697	.00217	.00694	6.2214	.91997	27.219
Stddev	.00003	1.69	.00053	.00046	.00023	.0186	.00101	.127
%RSD	3.3746	.47069	7.6056	20.945	3.2441	.29867	.10930	.46698
#1	-.00084	359.73	.00664	.00165	.00699	6.2008	.91892	27.103
#2	-.00088	359.97	.00758	.00249	.00669	6.2370	.92004	27.355
#3	-.00082	356.93	.00669	.00238	.00713	6.2265	.92093	27.200
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00114	-.00069	46.972	.00024	.07982	17.150	.00414	.46446
Stddev	.00066	.00016	.187	.00039	.00022	.112	.00019	.02175
%RSD	57.984	23.555	.39821	159.76	.27772	.65018	4.6651	4.6837
#1	.00098	-.00062	46.778	.00015	.07988	17.022	.00427	.48793
#2	.00057	-.00057	47.151	.00067	.08000	17.214	.00392	.46050
#3	.00186	-.00087	46.988	-.00009	.07957	17.215	.00422	.44497
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2448	F 20.009	.00689	.02992	.01665	.1403	2.1808	8.8896
Stddev	.0076	.128	.00087	.00259	.00202	.0035	.0094	.4186
%RSD	.23577	.64108	12.658	8.6416	12.139	2.472	.42955	4.7089
#1	3.2425	20.144	.00788	.03138	.01844	.1421	2.1854	8.4133
#2	3.2533	19.995	.00652	.03144	.01706	.1363	2.1870	9.0567
#3	3.2385	19.888	.00625	.02694	.01446	.1425	2.1700	9.1989

Sample Name: K3486-04 Acquired: 6/25/2019 16:24:57 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: W-4 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.7320
Stddev	.5311
%RSD	14.232

#1	3.1902
#2	4.2517
#3	3.7542

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1728.4	21324.	1913.2	31.737	1784.9
Stddev	1.6	58.	15.8	1.215	3.6
%RSD	.09199	.27143	.82838	3.8269	.20020

#1	1726.5	21270.	1898.0	31.322	1780.9
#2	1729.2	21317.	1912.0	33.105	1786.2
#3	1729.4	21385.	1929.6	30.785	1787.6

Sample Name: K3499-09 Acquired: 6/25/2019 16:29:21 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TWP-B-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00306	-.00041	.05584	.00857	-.00035	9.3980	.36695	.00086
Stddev	.00032	.00345	.00026	.00358	.00213	.0213	.00120	.00012
%RSD	10.291	842.64	.47116	41.815	610.68	.22650	.32642	13.693
#1	-.00312	-.00087	.05556	.01137	-.00132	9.4225	.36833	.00088
#2	-.00272	.00325	.05588	.00979	-.00182	9.3835	.36621	.00097
#3	-.00334	-.00360	.05608	.00453	.00209	9.3881	.36631	.00073
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	114.38	.05568	.03306	.03285	17.489	.87937	22.594
Stddev	.00012	.42	.00019	.00057	.00067	.041	.00112	.100
%RSD	57.205	.36467	.33493	1.7119	2.0465	.23422	.12691	.44424
#1	.00007	114.77	.05581	.03368	.03349	17.525	.88065	22.692
#2	.00027	114.43	.05577	.03257	.03215	17.497	.87861	22.491
#3	.00029	113.94	.05547	.03293	.03291	17.445	.87884	22.599
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01890	.00070	271.64	.02773	.20772	9.1709	.01522	.12339
Stddev	.00012	.00043	1.05	.00032	.00073	.0260	.00036	.00485
%RSD	.62135	61.302	.38528	1.1390	.34910	.28321	2.3969	3.9277
#1	.01877	.00022	272.64	.02809	.20846	9.1454	.01541	.12774
#2	.01898	.00104	271.72	.02761	.20767	9.1701	.01480	.11817
#3	.01896	.00084	270.55	.02749	.20702	9.1973	.01544	.12427
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 25.357	F 19.918	-.00327	.38122	.01706	.4016	.61178	8.1159
Stddev	.081	.103	.00061	.00594	.00299	.0034	.00405	.3771
%RSD	.31892	.51592	18.779	1.5594	17.546	.8511	.66228	4.6460
#1	25.427	19.963	-.00285	.37712	.01415	.4054	.61547	7.7353
#2	25.374	19.991	-.00397	.38803	.01689	.4008	.61243	8.1232
#3	25.269	19.801	-.00297	.37850	.02013	.3987	.60744	8.4893

Sample Name: K3499-09 Acquired: 6/25/2019 16:29:21 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TWP-B-6 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.0753
Stddev	.3771
%RSD	6.2079

#1	6.4989
#2	5.7760
#3	5.9511

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1812.3	21880.	1950.7	30.282	1813.3
Stddev	6.5	124.	13.6	1.473	9.8
%RSD	.35744	.56507	.69887	4.8655	.54024

#1	1805.4	21759.	1939.2	31.598	1802.0
#2	1818.2	21874.	1947.2	30.558	1818.4
#3	1813.4	22007.	1965.8	28.690	1819.5

Sample Name: K3500-09 Acquired: 6/25/2019 16:33:41 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GW-A-061919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00192	-.01420	.00905	.02660	-.00233	.13685	.28657	-.00180
Stddev	.00254	.00086	.00121	.00556	.00121	.02086	.00202	.00005
%RSD	132.04	6.0595	13.371	20.905	51.646	15.247	.70546	2.8263
#1	.00405	-.01490	.00982	.02683	-.00360	.14816	.28679	-.00174
#2	.00260	-.01447	.00766	.02093	-.00219	.14962	.28848	-.00181
#3	-.00089	-.01324	.00967	.03204	-.00120	.11277	.28445	-.00184
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00130	107.91	-.02870	.00218	.00425	20.533	39.301	22.345
Stddev	.00009	.28	.00024	.00026	.00065	.118	.265	.112
%RSD	6.8072	.26072	.82397	12.100	15.188	.57652	.67368	.50078
#1	-.00120	107.82	-.02893	.00244	.00375	20.667	39.583	22.447
#2	-.00135	107.68	-.02871	.00192	.00498	20.490	39.263	22.363
#3	-.00136	108.22	-.02846	.00217	.00402	20.443	39.057	22.225
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01552	.00480	278.66	-.16765	.02789	10.482	.00828	.18149
Stddev	.00027	.00082	1.73	.00073	.00012	.109	.00054	.00462
%RSD	1.7527	17.025	.62194	.43615	.43100	1.0412	6.4968	2.5471
#1	-.01583	.00450	279.00	-.16814	.02802	10.481	.00816	.18555
#2	-.01541	.00417	280.20	-.16800	.02779	10.592	.00887	.17646
#3	-.01532	.00572	276.79	-.16681	.02786	10.374	.00781	.18246
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8084	F 13.877	.00174	-.00062	.01253	2.879	.58347	7.7739
Stddev	.0099	.100	.00087	.00307	.00154	.008	.00118	.1941
%RSD	.17039	.72150	49.669	495.35	12.304	.2640	.20235	2.4974
#1	5.8004	13.976	.00261	-.00234	.01429	2.886	.58479	7.9903
#2	5.8195	13.776	.00175	.00292	.01186	2.879	.58253	7.7165
#3	5.8054	13.879	.00088	-.00244	.01143	2.871	.58307	7.6149

Sample Name: K3500-09 Acquired: 6/25/2019 16:33:41 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GW-A-061919 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.6255
Stddev	.3821
%RSD	5.7672

#1	6.8786
#2	6.8119
#3	6.1859

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1807.0	21699.	1944.1	31.230	1844.8
Stddev	11.4	194.	17.3	.731	9.0
%RSD	.62909	.89454	.89053	2.3421	.48838

#1	1795.8	21501.	1925.1	30.536	1836.5
#2	1818.5	21707.	1959.0	31.994	1854.4
#3	1806.9	21888.	1948.2	31.160	1843.4

Sample Name: K3500-10 Acquired: 6/25/2019 16:38:14 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GW-B-061919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00045	-.00104	.01829	.00467	-.00185	.93748	.25834	.00010
Stddev	.00038	.00223	.00228	.00270	.00054	.01021	.00105	.00002
%RSD	85.028	214.76	12.484	57.799	29.066	1.0888	.40510	22.267
#1	-.00049	-.00148	.01993	.00639	-.00172	.93807	.25714	.00008
#2	-.00082	-.00302	.01568	.00606	-.00138	.92699	.25908	.00009
#3	-.00005	.00138	.01926	.00156	-.00244	.94738	.25879	.00012
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	86.422	.00375	.02261	.00387	2.4929	.36554	21.612
Stddev	.00003	.727	.00011	.00022	.00025	.0039	.00109	.244
%RSD	5.8666	.84164	2.8351	.98774	6.4636	.15714	.29711	1.1294
#1	-.00044	85.703	.00363	.02286	.00393	2.4884	.36606	21.330
#2	-.00045	86.407	.00377	.02243	.00410	2.4949	.36627	21.745
#3	-.00049	87.157	.00384	.02254	.00360	2.4953	.36429	21.760
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00700	.00057	199.80	.00142	.04745	9.6565	.01620	.15506
Stddev	.00055	.00017	.57	.00022	.00015	.0222	.00044	.00864
%RSD	7.8175	30.359	.28285	15.757	.32245	.22970	2.7293	5.5690
#1	.00642	.00053	199.19	.00123	.04760	9.6448	.01651	.14849
#2	.00750	.00043	200.30	.00137	.04746	9.6821	.01569	.16484
#3	.00709	.00076	199.92	.00167	.04729	9.6426	.01639	.15186
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 23.228	8.4086	-.00501	.02633	.01113	.1153	.42117	7.8733
Stddev	.053	.0409	.00060	.00200	.00222	.0023	.00288	.0384
%RSD	.22991	.48611	11.982	7.6079	19.961	1.978	.68284	.48714
#1	23.285	8.3830	-.00474	.02726	.00915	.1178	.41831	7.9151
#2	23.218	8.3870	-.00459	.02403	.01071	.1133	.42112	7.8397
#3	23.180	8.4557	-.00570	.02770	.01354	.1150	.42406	7.8650

Sample Name: K3500-10 Acquired: 6/25/2019 16:38:14 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: GW-B-061919 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.5888
Stddev	.1295
%RSD	8.1514

#1	1.5720
#2	1.7259
#3	1.4685

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1798.7	21813.	1937.9	32.029	1869.8
Stddev	6.7	15.	8.3	.585	4.7
%RSD	.37523	.07058	.42912	1.8252	.24960

#1	1791.2	21830.	1943.9	31.894	1865.4
#2	1800.6	21808.	1941.4	32.669	1869.2
#3	1804.4	21800.	1928.4	31.523	1874.7

Sample Name: K3511-05 Acquired: 6/25/2019 16:42:36 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N43502 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01034	-.00148	.02363	.00609	.00749	.75022	1.0217	.00009
Stddev	.00238	.00144	.00061	.00376	.00115	.03064	.0049	.00007
%RSD	23.014	97.099	2.5666	61.745	15.362	4.0847	.48376	78.041
#1	.01236	-.00002	.02411	.00948	.00616	.71667	1.0163	.00005
#2	.00772	-.00289	.02384	.00204	.00821	.77674	1.0227	.00004
#3	.01095	-.00152	.02295	.00675	.00810	.75725	1.0260	.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	245.31	.00158	.00077	.00545	.56715	.43014	65.888
Stddev	.00003	1.29	.00084	.00022	.00059	.00055	.00077	.774
%RSD	4.0145	.52390	53.198	29.007	10.880	.09637	.17813	1.1749
#1	-.00075	246.70	.00156	.00052	.00545	.56654	.42988	65.046
#2	-.00069	245.07	.00075	.00086	.00605	.56729	.42954	66.051
#3	-.00071	244.17	.00244	.00094	.00486	.56761	.43100	66.568
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00197	.00001	1434.8	.01704	.04663	49.007	.05366	.88625
Stddev	.00021	.00044	14.0	.00012	.00042	.457	.00024	.00662
%RSD	10.753	4199.8	.97904	.69915	.90832	.93326	.44801	.74665
#1	-.00221	-.00012	1419.4	.01712	.04662	48.549	.05386	.88051
#2	-.00184	.00050	1437.9	.01710	.04706	49.008	.05340	.89349
#3	-.00185	-.00035	1447.0	.01690	.04622	49.464	.05373	.88477
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 49.250	F 17.245	-.01132	.00122	.28666	.1556	1.8710	8.7032
Stddev	.266	.098	.00096	.00019	.00490	.0024	.0119	.2020
%RSD	.54032	.56772	8.4567	15.974	1.7098	1.518	.63367	2.3214
#1	49.457	17.348	-.01095	.00137	.28419	.1530	1.8832	8.5656
#2	49.342	17.234	-.01060	.00100	.28349	.1576	1.8704	8.6089
#3	48.950	17.153	-.01241	.00129	.29231	.1562	1.8595	8.9352

Sample Name: K3511-05 Acquired: 6/25/2019 16:42:36 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: N43502 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.5228
Stddev	.1035
%RSD	4.1035

#1	2.4057
#2	2.5602
#3	2.6024

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1750.5	20956.	2005.2	31.788	1694.8
Stddev	16.7	18.	18.4	.982	19.3
%RSD	.95664	.08741	.91975	3.0876	1.1377

#1	1741.8	20960.	1988.2	31.367	1685.4
#2	1739.8	20936.	2002.6	32.910	1682.0
#3	1769.8	20972.	2024.8	31.088	1717.0

Sample Name: K3511-05DUP Acquired: 6/25/2019 16:47:06 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N43502DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01154	.00010	.02087	.00824	.00732	.70834	.99482	-.00007
Stddev	.00255	.00078	.00085	.00393	.00127	.01983	.00609	.00007
%RSD	22.091	776.84	4.0769	47.684	17.398	2.7990	.61206	97.827
#1	.00871	.00022	.02022	.00846	.00589	.69919	.98790	-.00005
#2	.01225	-.00074	.02183	.01206	.00833	.69473	.99720	-.00001
#3	.01366	.00082	.02055	.00421	.00773	.73108	.99936	-.00016
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00053	237.00	.00109	.00080	.00512	.54680	.41318	63.399
Stddev	.00011	1.51	.00022	.00018	.00037	.00375	.00030	.926
%RSD	19.952	.63683	20.491	22.722	7.2990	.68544	.07340	1.4602
#1	-.00046	238.54	.00087	.00086	.00481	.54438	.41340	62.353
#2	-.00065	236.94	.00132	.00060	.00554	.54490	.41330	64.113
#3	-.00047	235.52	.00108	.00095	.00502	.55112	.41283	63.732
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00105	.00039	1362.0	.01741	.04480	47.995	.05231	.84116
Stddev	.00055	.00006	10.4	.00044	.00022	.459	.00045	.03668
%RSD	51.898	14.295	.76394	2.5465	.48639	.95668	.85169	4.3603
#1	-.00042	.00038	1351.3	.01750	.04456	47.491	.05195	.82173
#2	-.00142	.00035	1362.8	.01780	.04485	48.105	.05217	.88346
#3	-.00131	.00045	1372.0	.01693	.04499	48.389	.05281	.81828
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 48.018	F 16.695	-.01238	.00217	.28463	.1480	1.8158	7.7708
Stddev	.217	.241	.00120	.00217	.00194	.0005	.0180	.3194
%RSD	.45278	1.4421	9.6564	100.27	.68139	.3076	.99060	4.1096
#1	47.772	16.954	-.01362	.00456	.28240	.1480	1.8337	7.4923
#2	48.097	16.655	-.01123	.00033	.28587	.1484	1.8160	8.1194
#3	48.185	16.477	-.01228	.00160	.28563	.1475	1.7977	7.7008

Sample Name: K3511-05DUP Acquired: 6/25/2019 16:47:06 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N43502DUP Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.2416
Stddev	.5623
%RSD	25.083

#1	1.8648
#2	1.9722
#3	2.8879

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.5	22363.	2146.8	34.003	1790.7
Stddev	7.6	59.	33.4	.877	10.8
%RSD	.41256	.26456	1.5561	2.5805	.60206

#1	1856.2	22349.	2113.4	33.237	1802.7
#2	1843.4	22311.	2146.7	33.812	1787.5
#3	1842.7	22427.	2180.2	34.961	1781.8

Sample Name: K3511-05LX5 Acquired: 6/25/2019 16:51:36 Type: Unk
Method: P4-ICP2(v3231) 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	-.00031	-.00101	.00543	.00457	-.00106	.10694	.19125	.00015
Stddev	.00219	.00131	.00071	.00195	.00090	.01683	.00089	.00008
%RSD	705.43	129.96	13.023	42.658	84.324	15.739	.46395	56.818

#1	-.00283	-.00250	.00600	.00660	-.00137	.09022	.19226	.00010
#2	.00100	-.00048	.00565	.00271	-.00005	.10672	.19058	.00010
#3	.00091	-.00004	.00464	.00439	-.00176	.12388	.19091	.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	49.388	.00006	.00029	.00112	.11419	.08583	12.274
Stddev	.00009	.185	.00028	.00047	.00008	.00104	.00054	.088
%RSD	44.680	.37529	503.80	161.05	7.0888	.91007	.63341	.71733

#1	-.00021	49.175	-.00016	.00061	.00114	.11381	.08640	12.376
#2	-.00031	49.483	-.00004	.00052	.00119	.11537	.08577	12.231
#3	-.00012	49.508	.00037	-.00025	.00103	.11340	.08532	12.217

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00071	.00025	269.86	.00308	.00787	8.7255	.01013	.16024
Stddev	.00077	.00099	1.39	.00071	.00018	.0840	.00051	.00387
%RSD	108.10	390.57	.51598	23.158	2.2321	.96261	4.9956	2.4163

#1	-.00120	-.00085	271.06	.00261	.00807	8.8214	.01019	.15982
#2	.00018	.00107	268.33	.00390	.00776	8.6650	.01061	.15659
#3	-.00111	.00055	270.18	.00273	.00777	8.6900	.00960	.16430

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8693	3.6064	-.00068	.00021	.06354	.0259	.37418	5.1383
Stddev	.0190	.0318	.00021	.00242	.00239	.0009	.00239	.0788
%RSD	.21379	.88176	30.898	1161.7	3.7611	3.312	.63904	1.5337

#1	8.8712	3.5697	-.00090	-.00246	.06431	.0264	.37167	5.2133
#2	8.8494	3.6262	-.00048	.00226	.06086	.0263	.37643	5.1456
#3	8.8872	3.6233	-.00065	.00082	.06545	.0249	.37446	5.0562

Sample Name: K3511-05LX5 Acquired: 6/25/2019 16:51:36 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .69431
Stddev .24301
%RSD 35.000

#1 .85070
#2 .81788
#3 .41434

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2035.9	24429.	2184.2	35.481	2088.4
Stddev	3.9	134.	11.3	1.087	3.3
%RSD	.19297	.55034	.51797	3.0644	.15714

#1	2031.5	24274.	2197.2	36.555	2089.2
#2	2038.8	24502.	2177.1	35.505	2091.2
#3	2037.5	24511.	2178.2	34.381	2084.8

Sample Name: K3511-05MS Acquired: 6/25/2019 16:55:59 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N43502MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79988	1.8492	.97173	1.9694	.81062	2.9192	1.1470	.21248
Stddev	.00348	.0051	.00361	.0065	.00280	.0269	.0029	.00095
%RSD	.43470	.27797	.37143	.32968	.34506	.92288	.24925	.44658
#1	.79999	1.8541	.97590	1.9765	.81363	2.8881	1.1459	.21150
#2	.80329	1.8439	.96954	1.9638	.80810	2.9327	1.1502	.21339
#3	.79634	1.8495	.96977	1.9679	.81014	2.9367	1.1448	.21257
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19530	229.22	.39731	.20029	.29378	3.4703	.58847	61.581
Stddev	.00061	2.29	.00132	.00112	.00055	.0080	.00157	.390
%RSD	.31148	.99861	.33252	.55785	.18739	.22929	.26595	.63269
#1	.19599	231.76	.39824	.20114	.29441	3.4626	.58846	61.387
#2	.19504	228.58	.39580	.20071	.29351	3.4785	.59004	62.030
#3	.19485	227.32	.39789	.19902	.29341	3.4697	.58691	61.326
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49068	.07623	1285.7	.32626	.25029	56.572	.44084	1.1419
Stddev	.00074	.00023	9.6	.00025	.00064	.241	.00065	.0068
%RSD	.15085	.29847	.75038	.07731	.25556	.42524	.14854	.59252
#1	.49113	.07640	1274.7	.32650	.25090	56.323	.44041	1.1375
#2	.49108	.07632	1292.8	.32600	.24963	56.803	.44160	1.1385
#3	.48982	.07597	1289.7	.32629	.25034	56.592	.44052	1.1497
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 45.153	F 16.981	.68918	.19949	.49319	6.967	1.9904	8.5167
Stddev	.067	.168	.00345	.00418	.00253	.027	.0256	.2200
%RSD	.14908	.99190	.50093	2.0973	.51362	.3815	1.2876	2.5828
#1	45.230	17.175	.69279	.20341	.49337	6.997	2.0189	8.2753
#2	45.102	16.887	.68884	.19996	.49058	6.947	1.9831	8.7058
#3	45.129	16.880	.68592	.19509	.49563	6.956	1.9693	8.5692

Sample Name: K3511-05MS Acquired: 6/25/2019 16:55:59 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N43502MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.8507
Stddev	.1651
%RSD	8.9217

#1	2.0137
#2	1.6836
#3	1.8547

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1852.7	22111.	2068.9	33.891	1784.3
Stddev	8.4	70.	27.1	.721	8.9
%RSD	.45577	.31826	1.3094	2.1261	.49784

#1	1843.3	22072.	2037.8	33.310	1774.2
#2	1855.0	22069.	2081.4	34.697	1787.8
#3	1859.7	22192.	2087.5	33.667	1791.0

Sample Name: K3511-05MSD Acquired: 6/25/2019 17:00:14 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N43502MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81384	1.8752	.98710	2.0003	.82107	2.9466	1.1604	.21487
Stddev	.00365	.0057	.00116	.0059	.00494	.0391	.0046	.00059
%RSD	.44884	.30620	.11798	.29405	.60205	1.3264	.39822	.27555
#1	.81003	1.8758	.98592	2.0061	.81561	2.9029	1.1564	.21419
#2	.81731	1.8693	.98824	2.0004	.82233	2.9782	1.1655	.21514
#3	.81418	1.8807	.98715	1.9944	.82525	2.9587	1.1594	.21528
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19827	227.44	.40294	.20333	.29801	3.5016	.59017	61.874
Stddev	.00044	.63	.00108	.00075	.00119	.0053	.00109	.090
%RSD	.22437	.27888	.26845	.36754	.40032	.15097	.18487	.14515
#1	.19827	226.85	.40273	.20418	.29937	3.4957	.59116	61.889
#2	.19783	227.38	.40412	.20279	.29717	3.5031	.58900	61.778
#3	.19872	228.11	.40199	.20302	.29748	3.5059	.59034	61.956
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49726	.07628	1277.5	.33100	.25233	57.278	.44936	1.1494
Stddev	.00246	.00113	12.5	.00140	.00030	.342	.00293	.0094
%RSD	.49498	1.4771	.97905	.42403	.11810	.59667	.65232	.81854
#1	.49937	.07758	1270.2	.32980	.25261	56.942	.45105	1.1553
#2	.49456	.07566	1270.3	.33065	.25237	57.625	.44598	1.1544
#3	.49787	.07559	1291.9	.33254	.25202	57.268	.45106	1.1386
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 45.271	F 16.813	.70007	.20044	.49630	7.043	1.9811	8.6730
Stddev	.137	.055	.00238	.00483	.00395	.030	.0046	.1264
%RSD	.30265	.32864	.33966	2.4121	.79626	.4239	.22976	1.4571
#1	45.281	16.822	.70240	.20594	.49272	7.069	1.9774	8.8185
#2	45.130	16.754	.69764	.19687	.49563	7.010	1.9797	8.6107
#3	45.403	16.864	.70016	.19850	.50054	7.050	1.9862	8.5899

Sample Name: K3511-05MSD Acquired: 6/25/2019 17:00:14 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N43502MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.3653
Stddev	.1284
%RSD	9.4042

#1	1.2226
#2	1.4714
#3	1.4020

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1833.4	22041.	2089.5	34.167	1768.9
Stddev	3.9	58.	2.1	1.271	4.6
%RSD	.21139	.26135	.10120	3.7210	.26231

#1	1835.6	22091.	2089.0	35.316	1770.8
#2	1835.6	21978.	2091.9	32.801	1772.3
#3	1828.9	22054.	2087.7	34.384	1763.6

Sample Name: K3511-05A Acquired: 6/25/2019 17:04:27 Type: Unk

Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: ICSA8356 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81143	1.8668	.98315	2.0045	.81945	2.9170	1.1591	.21513
Stddev	.00051	.0069	.00841	.0137	.00309	.0488	.0011	.00059
%RSD	.06305	.36744	.85550	.68560	.37711	1.6727	.09716	.27534
#1	.81184	1.8740	.99110	2.0204	.82283	2.8624	1.1603	.21485
#2	.81159	1.8659	.98400	1.9959	.81872	2.9563	1.1581	.21582
#3	.81085	1.8604	.97435	1.9973	.81678	2.9324	1.1590	.21474
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19765	230.37	.40223	.20233	.29756	3.5136	.59343	62.017
Stddev	.00106	1.39	.00085	.00045	.00158	.0099	.00084	.349
%RSD	.53402	.60198	.21077	.22123	.53045	.28209	.14185	.56345
#1	.19835	229.27	.40319	.20282	.29902	3.5080	.59284	61.683
#2	.19815	231.93	.40188	.20194	.29778	3.5077	.59306	61.989
#3	.19643	229.91	.40161	.20222	.29589	3.5250	.59440	62.380
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49693	.07837	1261.6	.33186	.25322	57.318	.44895	1.1129
Stddev	.00274	.00051	14.8	.00128	.00150	.099	.00160	.0114
%RSD	.55160	.65422	1.1767	.38640	.59049	.17297	.35568	1.0235
#1	.49926	.07778	1278.8	.33299	.25482	57.212	.45049	1.1042
#2	.49762	.07867	1252.8	.33047	.25299	57.408	.44905	1.1258
#3	.49391	.07866	1253.3	.33212	.25186	57.332	.44730	1.1086
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 45.654	F 17.218	.69896	.19981	.49541	7.046	1.9982	8.8137
Stddev	.235	.103	.00661	.00305	.00640	.030	.0069	.0296
%RSD	.51479	.59864	.94503	1.5257	1.2925	.4287	.34563	.33583
#1	45.917	17.178	.70615	.19709	.48882	7.081	1.9920	8.8407
#2	45.580	17.335	.69757	.20310	.50161	7.032	2.0056	8.8183
#3	45.465	17.141	.69316	.19924	.49580	7.026	1.9970	8.7821

Sample Name: K3511-05A Acquired: 6/25/2019 17:04:27 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8356 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.4601
Stddev	.2630
%RSD	18.013

#1	1.2000
#2	1.4544
#3	1.7259

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.8	21887.	2051.3	32.636	1776.8
Stddev	14.5	125.	13.8	.348	16.2
%RSD	.78872	.57326	.67276	1.0651	.91133

#1	1825.7	21746.	2046.2	32.577	1760.9
#2	1839.1	21929.	2040.7	33.010	1776.3
#3	1854.7	21985.	2066.9	32.322	1793.3

Sample Name: CCV06 Acquired: 6/25/2019 17:17:42 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8356 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7904	4.8957	4.7292	4.8278	4.8679	9.9064	9.7419	.24354
Stddev	.0102	.0039	.0052	.0209	.0082	.0623	.0371	.00059
%RSD	.21338	.08009	.11090	.43293	.16796	.62925	.38066	.24207
#1	4.7892	4.8999	4.7353	4.8319	4.8733	9.8345	9.6991	.24324
#2	4.8012	4.8921	4.7260	4.8464	4.8718	9.9455	9.7635	.24422
#3	4.7808	4.8952	4.7264	4.8052	4.8585	9.9393	9.7631	.24316
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3914	24.120	.95296	2.3868	1.2174	4.8548	2.4404	24.017
Stddev	.0021	.073	.00405	.0043	.0029	.0101	.0038	.120
%RSD	.08698	.30116	.42530	.18050	.23461	.20823	.15647	.49836
#1	2.3936	24.089	.94903	2.3897	1.2190	4.8442	2.4361	23.888
#2	2.3912	24.069	.95271	2.3888	1.2192	4.8558	2.4434	24.124
#3	2.3894	24.203	.95713	2.3818	1.2142	4.8643	2.4417	24.039
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3848	1.1967	24.418	2.4154	2.3778	24.424	4.8200	4.8536
Stddev	.0028	.0035	.076	.0057	.0031	.142	.0076	.0351
%RSD	.11768	.29002	.31021	.23516	.13003	.58321	.15816	.72391
#1	2.3872	1.1962	24.332	2.4151	2.3812	24.261	4.8272	4.8144
#2	2.3855	1.2005	24.473	2.4212	2.3770	24.494	4.8209	4.8823
#3	2.3817	1.1936	24.449	2.4098	2.3751	24.519	4.8120	4.8640
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7783	4.5991	4.7122	4.7696	4.8717	4.939	5.1418	4.6403
Stddev	.0100	.0271	.0050	.0094	.0137	.020	.0101	.0784
%RSD	.20912	.59019	.10684	.19741	.28204	.3985	.19692	1.6899
#1	4.7669	4.6003	4.7095	4.7793	4.8726	4.948	5.1457	4.7258
#2	4.7856	4.5714	4.7180	4.7605	4.8576	4.952	5.1303	4.5718
#3	4.7825	4.6256	4.7092	4.7692	4.8850	4.916	5.1494	4.6233

Sample Name: CCV06 Acquired: 6/25/2019 17:17:42 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8356 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9180
Stddev	.3454
%RSD	18.010

#1	2.0029
#2	2.2131
#3	1.5381

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2119.3	26025.	2298.6	37.346	2163.8
Stddev	6.7	76.	6.6	1.029	3.8
%RSD	.31827	.29388	.28758	2.7546	.17500

#1	2112.8	26111.	2294.1	37.397	2159.7
#2	2118.9	25964.	2306.2	36.293	2164.7
#3	2126.3	26001.	2295.6	38.348	2167.1

Sample Name: CCB06 Acquired: 6/25/2019 17:21:40 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15179 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00367	-.00075	-.00313	.00348	-.00112	-.03318	.00199
Stddev	.00174	.00120	.00076	.00404	.00116	.03285	.00047
%RSD	47.568	159.94	24.353	116.17	104.24	98.994	23.732

#1	-.00511	.00039	-.00364	.00194	-.00167	-.01991	.00225
#2	-.00416	-.00065	-.00226	.00806	-.00190	-.07059	.00227
#3	-.00173	-.00200	-.00350	.00043	.00022	-.00905	.00144

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00003	.00641	-.00011	.00011	-.00011	-.00138
Stddev	.00006	.00002	.00888	.00035	.00010	.00058	.00026
%RSD	76.376	46.301	138.47	309.48	98.856	529.31	19.188

#1	.00015	.00002	.01396	-.00002	.00022	-.00075	-.00167
#2	.00008	.00005	-.00337	-.00050	.00002	.00038	-.00130
#3	.00002	.00003	.00865	.00018	.00008	.00004	-.00115

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.07120	.00210	.00113	.41331	-.00089	-.00070
Stddev	.00007	.04459	.00049	.00062	.00755	.00027	.00006
%RSD	144.60	62.623	23.368	54.617	1.8270	30.339	9.1959

#1	.00011	-.02264	.00154	.00085	.42097	-.00120	-.00063
#2	.00005	-.08066	.00246	.00070	.41310	-.00079	-.00074
#3	-.00002	-.11030	.00229	.00184	.40587	-.00069	-.00073

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14329	.00039	.02364	-.00490	-.00405	-.00067	-.00085
Stddev	.03192	.00012	.00742	.00314	.00362	.00066	.00133
%RSD	22.277	31.522	31.382	64.119	89.421	98.546	155.61

#1	.15765	.00038	.02100	-.00844	-.00083	-.00113	-.00146
#2	.10671	.00028	.01791	-.00380	-.00798	-.00096	.00067
#3	.16551	.00052	.03202	-.00245	-.00336	.00009	-.00177

Sample Name: CCB06 Acquired: 6/25/2019 17:21:40 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15179 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00379	-.0036	.00000	F 2.6965	F<.00000
Stddev	.00127	.0015	.00013	.1738	.37125
%RSD	33.453	40.46	5880.8	6.4439	76.962

#1	.00524	-.0027	-.00006	2.4965	-.73878
#2	.00324	-.0029	.00015	2.7825	-.65170
#3	.00289	-.0053	-.00009	2.8105	-.05666

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2191.2	26953.	2342.9	38.921	2452.4
Stddev	.6	52.	43.5	1.093	3.3
%RSD	.02554	.19392	1.8563	2.8069	.13498

#1	2191.8	26943.	2311.5	39.495	2448.6
#2	2191.1	26906.	2392.5	39.607	2454.3
#3	2190.7	27009.	2324.6	37.661	2454.3

Sample Name: K3499-01 Acquired: 6/25/2019 17:26:09 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1(11-12) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01642	-.00150	.27826	.01310	.00293	66.786	.68851	.00673
Stddev	.00168	.00240	.00093	.00133	.00081	.342	.00252	.00017
%RSD	10.229	160.37	.33399	10.160	27.597	.51165	.36560	2.5306

#1	.01574	-.00173	.27730	.01421	.00340	66.392	.68560	.00692
#2	.01834	-.00377	.27916	.01346	.00339	66.977	.68984	.00659
#3	.01519	.00101	.27831	.01163	.00200	66.990	.69008	.00668

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00109	27.366	.42832	.08394	.37775	183.54	5.4352	18.754
Stddev	.00009	.051	.00068	.00061	.00098	.32	.0113	.148
%RSD	8.1437	.18495	.15863	.73050	.25842	.17602	.20755	.78877

#1	.00117	27.422	.42757	.08398	.37848	183.88	5.4345	18.647
#2	.00099	27.355	.42890	.08453	.37664	183.24	5.4469	18.693
#3	.00111	27.322	.42848	.08331	.37813	183.51	5.4244	18.923

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18551	.01935	2.2644	.13566	6.2145	5.6199	.07502	-.00821
Stddev	.00191	.00035	.0234	.00019	.0137	.0707	.00023	.01062
%RSD	1.0291	1.8097	1.0344	.14234	.21978	1.2582	.30225	129.38

#1	.18635	.01961	2.2391	.13545	6.2189	5.5392	.07492	.00396
#2	.18685	.01949	2.2687	.13572	6.2254	5.6490	.07485	-.01295
#3	.18332	.01895	2.2854	.13582	6.1992	5.6713	.07528	-.01562

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2688	4.9959	.03092	1.7890	.07662	2.816	-.03106	<.00000
Stddev	.0039	.0185	.00023	.0103	.00029	.004	.00068	.17716
%RSD	.30492	.37102	.75006	.57746	.38340	.1500	2.1816	8.4565

#1	1.2724	5.0168	.03069	1.7835	.07629	2.821	-.03185	-2.2996
#2	1.2692	4.9815	.03115	1.7826	.07686	2.813	-.03068	-1.9931
#3	1.2647	4.9894	.03092	1.8009	.07672	2.815	-.03067	-1.9924

Sample Name: K3499-01 Acquired: 6/25/2019 17:26:09 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-1(11-12) Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 71.336
 Stddev .529
 %RSD .74223

#1 71.785
 #2 70.752
 #3 71.471

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2492.9	30501.	2670.5	38.205	2249.3
Stddev	6.4	11.	17.8	.817	5.4
%RSD	.25810	.03564	.66728	2.1373	.23824

#1	2485.8	30489.	2654.2	39.052	2244.2
#2	2498.5	30509.	2667.8	37.423	2248.8
#3	2494.3	30506.	2689.5	38.140	2254.9

Sample Name: K3499-01DUP Acquired: 6/25/2019 17:30:37 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1(11-12)DU Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01610	-.00015	.26627	.01363	.00385	64.833	.66686	.00663
Stddev	.00164	.00129	.00096	.00056	.00171	.368	.00169	.00011
%RSD	10.156	851.78	.35996	4.0799	44.336	.56831	.25348	1.6488

#1	.01541	.00110	.26525	.01338	.00281	64.589	.66497	.00652
#2	.01492	-.00008	.26640	.01426	.00293	64.653	.66740	.00663
#3	.01797	-.00147	.26715	.01324	.00582	65.256	.66822	.00674

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00127	26.571	.43498	.08253	.37028	179.75	5.3204	18.151
Stddev	.00010	.100	.00374	.00019	.00122	.51	.0256	.157
%RSD	7.8188	.37473	.85932	.23490	.32881	.28488	.48132	.86339

#1	.00118	26.628	.43336	.08260	.36979	179.59	5.3082	18.037
#2	.00138	26.456	.43926	.08231	.37166	179.33	5.3032	18.330
#3	.00124	26.629	.43233	.08268	.36938	180.32	5.3498	18.087

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18805	.01915	2.1817	.13129	5.9639	5.5551	.07596	-.00516
Stddev	.00010	.00016	.0170	.00062	.0118	.0287	.00009	.01994
%RSD	.05094	.81287	.78102	.47575	.19782	.51647	.12076	386.19

#1	.18804	.01911	2.1719	.13157	5.9549	5.5316	.07590	.01057
#2	.18797	.01932	2.2013	.13173	5.9595	5.5871	.07592	-.02759
#3	.18816	.01902	2.1718	.13057	5.9772	5.5466	.07607	.00153

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2243	4.8400	.02965	1.7518	.07456	2.699	-.03163	<.00000
Stddev	.0078	.0958	.00082	.0072	.00252	.005	.00013	.33474
%RSD	.64034	1.9799	2.7538	.41314	3.3764	.1879	.39637	11.540

#1	1.2153	4.8742	.02891	1.7435	.07542	2.700	-.03174	-2.8448
#2	1.2286	4.9141	.02952	1.7548	.07172	2.693	-.03166	-3.2597
#3	1.2290	4.7318	.03053	1.7570	.07653	2.703	-.03150	-2.5972

Sample Name: K3499-01DUP Acquired: 6/25/2019 17:30:37 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1(11-12)DU Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	70.624
Stddev	.240
%RSD	.33964

#1	70.667
#2	70.840
#3	70.366

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2508.9	30846.	2688.6	37.944	2279.3
Stddev	3.1	27.	21.7	.476	3.5
%RSD	.12177	.08775	.80729	1.2550	.15526

#1	2512.2	30830.	2673.2	37.592	2282.5
#2	2508.5	30878.	2713.5	37.754	2279.8
#3	2506.1	30832.	2679.3	38.486	2275.5

Sample Name: K3499-01LX5 Acquired: 6/25/2019 17:35:07 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15179 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00093	-.00041	.05150	.00793	-.00003	15.354	.15973	.00133
Stddev	.00085	.00206	.00060	.00397	.00124	.083	.00003	.00003
%RSD	92.130	503.80	1.1572	50.041	4195.4	.53786	.02063	2.4772
#1	.00056	.00195	.05084	.00358	.00125	15.369	.15975	.00136
#2	.00032	-.00134	.05169	.00885	-.00012	15.428	.15975	.00131
#3	.00190	-.00185	.05198	.01136	-.00122	15.264	.15969	.00130
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00083	6.3433	.10266	.01740	.08895	46.404	1.2945	4.1904
Stddev	.00007	.0678	.00057	.00014	.00002	.031	.0005	.0882
%RSD	8.8535	1.0694	.55545	.83234	.02739	.06641	.03585	2.1048
#1	-.00076	6.4110	.10201	.01729	.08893	46.384	1.2944	4.1201
#2	-.00090	6.2753	.10308	.01733	.08896	46.439	1.2950	4.2894
#3	-.00084	6.3437	.10290	.01756	.08898	46.388	1.2941	4.1618
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04010	.00534	.65278	.03022	1.2473	1.2488	.01746	.00765
Stddev	.00009	.00030	.01497	.00034	.0044	.0097	.00058	.01018
%RSD	.21950	5.5445	2.2937	1.1252	.35375	.77883	3.2941	133.05
#1	.04008	.00500	.64643	.03030	1.2523	1.2428	.01735	-.00407
#2	.04019	.00553	.66989	.03051	1.2450	1.2435	.01809	.01422
#3	.04001	.00550	.64204	.02984	1.2444	1.2600	.01696	.01280
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24702	1.1623	.00579	.41571	.01950	.5564	-.01137	2.8462
Stddev	.00371	.0098	.00061	.00213	.00303	.0014	.00032	.2048
%RSD	1.5002	.84623	10.542	.51223	15.537	.2554	2.7737	7.1970
#1	.24728	1.1732	.00639	.41634	.01904	.5578	-.01109	3.0327
#2	.24319	1.1540	.00517	.41334	.01672	.5550	-.01171	2.8791
#3	.25059	1.1598	.00579	.41745	.02273	.5566	-.01130	2.6270

Sample Name: K3499-01LX5 Acquired: 6/25/2019 17:35:07 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15179 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	15.939
Stddev	.241
%RSD	1.5132

#1	15.937
#2	16.182
#3	15.699

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2249.7	27640.	2386.0	37.384	2365.6
Stddev	4.6	27.	20.9	2.425	9.8
%RSD	.20584	.09703	.87425	6.4858	.41268

#1	2245.0	27667.	2376.4	36.820	2355.0
#2	2254.2	27614.	2409.9	40.041	2374.2
#3	2249.8	27639.	2371.7	35.291	2367.8

Sample Name: K3499-01MS Acquired: 6/25/2019 17:39:29 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1(11-12)MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65666	1.8990	1.1918	1.5766	.21537	75.367	.87243	.17782
Stddev	.00131	.0084	.0037	.0056	.00029	.343	.00119	.00065
%RSD	.19941	.44444	.31375	.35636	.13391	.45557	.13681	.36707
#1	.65766	1.9087	1.1918	1.5830	.21505	75.173	.87159	.17838
#2	.65715	1.8936	1.1956	1.5726	.21561	75.164	.87191	.17710
#3	.65518	1.8947	1.1881	1.5742	.21545	75.763	.87380	.17797
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18887	27.327	.77940	.27883	.62720	188.02	5.8826	22.002
Stddev	.00057	.129	.00160	.00007	.00112	.31	.0211	.138
%RSD	.30144	.47024	.20470	.02686	.17818	.16373	.35814	.62532
#1	.18948	27.469	.78063	.27884	.62846	188.16	5.8707	21.844
#2	.18877	27.292	.77760	.27875	.62634	187.67	5.8702	22.065
#3	.18836	27.219	.77996	.27890	.62680	188.24	5.9069	22.097
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67529	.08029	4.9212	.39489	5.9597	14.061	.40616	.21033
Stddev	.00086	.00079	.0234	.00104	.0100	.039	.00103	.00477
%RSD	.12734	.98200	.47517	.26388	.16797	.27845	.25273	2.2696
#1	.67629	.08067	4.8943	.39373	5.9622	14.016	.40693	.21275
#2	.67479	.08082	4.9363	.39518	5.9681	14.087	.40656	.20483
#3	.67481	.07938	4.9330	.39575	5.9486	14.080	.40499	.21341
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1809	6.6811	.66682	1.9833	.25948	8.491	.17605	<.00000
Stddev	.0087	.0392	.00107	.0110	.00177	.017	.00275	.40806
%RSD	.73870	.58699	.16080	.55566	.68213	.2000	1.5630	28.479
#1	1.1760	6.7211	.66700	1.9926	.26014	8.494	.17906	-.96349
#2	1.1910	6.6427	.66779	1.9862	.26083	8.506	.17543	-1.7035
#3	1.1757	6.6795	.66567	1.9711	.25748	8.473	.17366	-1.6316

Sample Name: K3499-01MS Acquired: 6/25/2019 17:39:29 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-1(11-12)MS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	69.709
Stddev	.258
%RSD	.36976

#1	69.918
#2	69.421
#3	69.788

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2460.1	29904.	2606.2	38.460	2209.3
Stddev	.7	51.	17.9	1.062	3.8
%RSD	.02733	.17198	.68661	2.7602	.17067

#1	2460.3	29868.	2586.9	38.309	2211.8
#2	2459.3	29963.	2609.4	39.589	2204.9
#3	2460.6	29881.	2622.3	37.482	2211.0

Sample Name: K3499-01MSD Acquired: 6/25/2019 17:43:51 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1(11-12)MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.64840	1.8713	1.1756	1.5580	.20236	75.214	.86070	.17516
Stddev	.00145	.0098	.0046	.0059	.00120	.165	.00054	.00036
%RSD	.22301	.52531	.38994	.37740	.59441	.21886	.06292	.20457
#1	.64682	1.8821	1.1767	1.5622	.20251	75.180	.86092	.17557
#2	.64966	1.8690	1.1795	1.5513	.20348	75.069	.86109	.17493
#3	.64872	1.8628	1.1705	1.5605	.20109	75.393	.86008	.17497
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18604	27.224	.73695	.27764	.61886	183.30	5.8156	22.114
Stddev	.00013	.977	.00302	.00047	.00177	.27	.0137	.114
%RSD	.06854	3.5877	.41001	.16919	.28528	.14462	.23619	.51595
#1	.18610	28.316	.73970	.27809	.61972	183.46	5.8258	22.083
#2	.18612	26.434	.73372	.27768	.62002	182.99	5.8000	22.018
#3	.18589	26.923	.73743	.27715	.61683	183.44	5.8209	22.240
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66103	.07909	4.8529	.38344	5.8484	13.784	.39243	.19930
Stddev	.00140	.00066	.0221	.00015	.0127	.094	.00071	.02033
%RSD	.21171	.82999	.45587	.03924	.21776	.68007	.17997	10.202
#1	.66128	.07864	4.8334	.38333	5.8414	13.687	.39266	.22004
#2	.66230	.07984	4.8484	.38361	5.8631	13.790	.39300	.19846
#3	.65953	.07879	4.8769	.38337	5.8407	13.874	.39164	.17940
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1755	6.5705	.65767	1.9302	.25666	8.463	.18125	<.00000
Stddev	.0092	.3065	.00158	.0620	.01045	.013	.01410	.22296
%RSD	.78482	4.6641	.24001	3.2104	4.0710	.1564	7.7787	12.911
#1	1.1804	6.9025	.65605	1.9981	.26786	8.475	.19717	-1.7845
#2	1.1812	6.2985	.65776	1.8767	.24718	8.466	.17036	-1.4807
#3	1.1648	6.5104	.65920	1.9159	.25494	8.449	.17620	-1.9153

Sample Name: K3499-01MSD Acquired: 6/25/2019 17:43:51 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1(11-12)MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	68.922
Stddev	1.158
%RSD	1.6795

#1	68.739
#2	67.867
#3	70.160

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2486.6	30269.	2611.3	38.058	2231.7
Stddev	4.8	13.	88.2	1.567	5.3
%RSD	.19480	.04184	3.3763	4.1168	.23972

#1	2484.5	30284.	2512.3	36.251	2233.7
#2	2483.1	30260.	2681.3	39.040	2225.6
#3	2492.1	30264.	2640.2	38.882	2235.7

Sample Name: K3499-01A Acquired: 6/25/2019 17:48:12 Type: Unk
Method: P4-ICP2(v3231) 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	.67255	1.9370	1.2166	1.6011	.21073	77.085	.88498	.17987
Stddev	.00262	.0060	.0039	.0068	.00111	.378	.00316	.00029
%RSD	.38905	.30911	.31940	.42204	.52796	.49099	.35748	.15995
#1	.66955	1.9370	1.2186	1.5944	.21044	76.680	.88445	.17960
#2	.67436	1.9310	1.2121	1.6079	.20978	77.429	.88837	.18017
#3	.67375	1.9430	1.2191	1.6010	.21195	77.145	.88211	.17984
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19236	27.855	.75944	.28632	.63808	188.10	5.9666	22.647
Stddev	.00005	.158	.00222	.00088	.00175	.30	.0181	.095
%RSD	.02776	.56863	.29167	.30666	.27462	.15977	.30329	.42111
#1	.19241	27.692	.76166	.28681	.63616	187.97	5.9480	22.718
#2	.19230	27.865	.75723	.28684	.63959	188.44	5.9677	22.684
#3	.19236	28.009	.75943	.28530	.63848	187.89	5.9841	22.539
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68434	.08095	4.9643	.39582	6.0555	14.147	.40579	.20207
Stddev	.00160	.00034	.0297	.00226	.0130	.080	.00045	.00750
%RSD	.23399	.42044	.59935	.56994	.21460	.56303	.11070	3.7101
#1	.68541	.08134	4.9901	.39759	6.0606	14.170	.40549	.20671
#2	.68250	.08069	4.9712	.39660	6.0408	14.213	.40557	.19342
#3	.68510	.08083	4.9318	.39328	6.0652	14.058	.40631	.20609
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2096	6.5398	.67958	1.9788	.26350	8.766	.18291	<.00000
Stddev	.0021	.0677	.00093	.0191	.00178	.012	.00270	.22889
%RSD	.17018	1.0350	.13667	.96271	.67487	.1344	1.4737	31.200
#1	1.2084	6.4695	.68063	1.9573	.26154	8.772	.17985	-.84170
#2	1.2085	6.5454	.67886	1.9938	.26502	8.753	.18394	-.47069
#3	1.2120	6.6045	.67926	1.9853	.26393	8.774	.18493	-.88843

Sample Name: K3499-01A Acquired: 6/25/2019 17:48:12 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	68.889
Stddev	.231
%RSD	.33562

#1	68.841
#2	68.686
#3	69.141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2420.3	29594.	2564.0	38.083	2158.5
Stddev	4.1	53.	11.2	.293	4.1
%RSD	.16777	.18040	.43791	.76877	.19093

#1	2415.6	29592.	2577.0	37.768	2156.0
#2	2422.7	29542.	2557.3	38.348	2163.3
#3	2422.6	29648.	2557.8	38.132	2156.3

Sample Name: K3499-02 Acquired: 6/25/2019 17:52:33 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-2(11-12) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01666	-.00149	.05563	.01088	.00074	66.603	.28727	.00618
Stddev	.00463	.00120	.00043	.00167	.00134	.358	.00036	.00020
%RSD	27.808	80.475	.77933	15.346	181.31	.53762	.12618	3.2106

#1	.01384	-.00090	.05513	.01015	.00221	66.316	.28714	.00605
#2	.01413	-.00287	.05592	.01279	-.00041	66.490	.28768	.00640
#3	.02200	-.00070	.05583	.00970	.00042	67.004	.28700	.00607

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00367	6.9773	.10311	.06603	.10680	135.32	3.7229	17.059
Stddev	.00016	.0253	.00047	.00016	.00042	.51	.0040	.069
%RSD	4.3084	.36316	.45856	.24560	.39089	.38017	.10762	.40689

#1	-.00359	6.9511	.10288	.06620	.10728	135.17	3.7258	17.065
#2	-.00385	7.0017	.10280	.06588	.10655	135.89	3.7183	17.126
#3	-.00356	6.9791	.10365	.06601	.10657	134.89	3.7246	16.987

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09481	.00067	1.3919	.12845	.30217	4.5028	.00671	-.00166
Stddev	.00063	.00009	.0059	.00022	.00075	.0360	.00015	.01157
%RSD	.66202	13.755	.42401	.16762	.24896	.80009	2.2627	697.63

#1	.09533	.00075	1.3851	.12840	.30303	4.4632	.00653	-.01375
#2	.09500	.00070	1.3947	.12826	.30166	4.5337	.00682	.00931
#3	.09411	.00057	1.3959	.12868	.30180	4.5115	.00676	-.00053

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32401	4.9331	.00762	1.8626	.07103	2.155	-.09210	<.00000
Stddev	.00390	.0396	.00066	.0092	.00080	.005	.00058	.07632
%RSD	1.2027	.80214	8.6187	.49383	1.1255	.2497	.62481	4.3710

#1	.32210	4.9772	.00729	1.8521	.07113	2.161	-.09179	-1.7262
#2	.32849	4.9008	.00838	1.8694	.07018	2.151	-.09276	-1.6816
#3	.32143	4.9213	.00720	1.8662	.07177	2.154	-.09174	-1.8303

Sample Name: K3499-02 Acquired: 6/25/2019 17:52:33 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-2(11-12) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	53.546
Stddev	.216
%RSD	.40390

#1	53.318
#2	53.749
#3	53.571

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2562.8	31068.	2704.5	39.628	2320.2
Stddev	13.2	54.	6.5	1.706	10.7
%RSD	.51682	.17289	.24011	4.3055	.46164

#1	2577.5	31069.	2707.8	39.388	2331.0
#2	2551.9	31014.	2697.0	38.055	2309.6
#3	2558.9	31121.	2708.7	41.442	2320.0

Sample Name: K3499-04 Acquired: 6/25/2019 17:56:59 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-4(8-9) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03459	.00126	1.2476	.01697	.00315	101.10	1.4711	.00880
Stddev	.00124	.00100	.0019	.00276	.00042	.45	.0051	.00015
%RSD	3.5944	78.770	.14806	16.246	13.261	.44897	.34481	1.7611
#1	.03338	.00237	1.2490	.02016	.00349	100.81	1.4671	.00867
#2	.03451	.00099	1.2455	.01549	.00327	100.86	1.4694	.00897
#3	.03587	.00043	1.2484	.01528	.00268	101.62	1.4768	.00876
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00165	33.281	.17757	.08231	.23640	180.26	5.2254	19.254
Stddev	.00023	.341	.00077	.00024	.00047	.53	.0178	.225
%RSD	14.045	1.0247	.43632	.29003	.19965	.29464	.34014	1.1687
#1	.00173	33.413	.17730	.08256	.23649	179.99	5.2078	18.994
#2	.00139	32.893	.17844	.08208	.23589	180.87	5.2434	19.384
#3	.00183	33.536	.17697	.08229	.23682	179.91	5.2251	19.385
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15207	-.00019	2.0592	.17982	3.0601	6.2609	.01426	-.01540
Stddev	.00093	.00058	.0066	.00044	.0105	.0492	.00027	.00638
%RSD	.60839	298.93	.32280	.24645	.34318	.78552	1.8751	41.462
#1	.15234	-.00006	2.0637	.17947	3.0681	6.2756	.01433	-.01086
#2	.15282	.00031	2.0623	.17967	3.0640	6.3010	.01450	-.01263
#3	.15103	-.00082	2.0515	.18032	3.0482	6.2060	.01397	-.02270
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2218	4.6079	.08546	1.4110	.08961	7.207	.00147	<.00000
Stddev	.0029	.0260	.00028	.0109	.00085	.018	.00097	.09579
%RSD	.13182	.56422	.32594	.77432	.94425	.2494	65.769	4.3620
#1	2.2247	4.6082	.08578	1.4194	.08901	7.205	.00192	-2.2815
#2	2.2188	4.5817	.08527	1.3987	.08923	7.190	.00036	-2.2137
#3	2.2219	4.6337	.08533	1.4149	.09057	7.226	.00212	-2.0924

Sample Name: K3499-04 Acquired: 6/25/2019 17:56:59 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-4(8-9) Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 71.540
 Stddev .117
 %RSD .16327

#1 71.674
 #2 71.458
 #3 71.489

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2561.6	31203.	2725.9	38.206	2207.6
Stddev	11.1	95.	17.7	.551	8.2
%RSD	.43419	.30559	.64986	1.4430	.37159

#1	2557.3	31226.	2706.8	38.724	2203.6
#2	2553.2	31099.	2741.9	38.267	2202.3
#3	2574.2	31285.	2728.9	37.627	2217.1

Sample Name: K3499-05 Acquired: 6/25/2019 18:01:28 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-5(10-11) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06264	.00344	1.1902	.01302	.00570	151.47	1.4765	.00977
Stddev	.00092	.00059	.0024	.00295	.00138	.98	.0040	.00003
%RSD	1.4675	16.989	.19921	22.680	24.153	.65000	.26905	.25894

#1	.06165	.00277	1.1923	.01640	.00536	150.43	1.4726	.00979
#2	.06347	.00381	1.1908	.01169	.00721	151.59	1.4805	.00976
#3	.06281	.00375	1.1876	.01096	.00452	152.38	1.4765	.00975

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00345	14.348	.15351	.08969	.20550	199.31	3.9058	23.052
Stddev	.00017	.022	.00091	.00043	.00029	.53	.0056	.196
%RSD	4.9268	.15468	.59550	.47705	.14179	.26762	.14288	.85130

#1	-.00364	14.373	.15263	.08922	.20520	199.77	3.9048	22.861
#2	-.00331	14.330	.15344	.09007	.20578	199.44	3.9118	23.253
#3	-.00341	14.342	.15445	.08976	.20553	198.73	3.9007	23.041

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14443	-.00138	1.1178	.25315	.77312	6.2606	.00724	-.02458
Stddev	.00049	.00008	.0136	.00051	.00318	.0088	.00014	.01204
%RSD	.33670	6.0663	1.2191	.19990	.41143	.14035	1.8725	48.986

#1	.14474	-.00134	1.1063	.25281	.77526	6.2532	.00720	-.03447
#2	.14387	-.00147	1.1329	.25290	.76946	6.2583	.00712	-.01117
#3	.14468	-.00132	1.1143	.25373	.77463	6.2703	.00739	-.02809

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0388	3.8129	.04896	1.6143	.11861	5.705	-.04881	<.00000
Stddev	.0050	.0036	.00102	.0043	.00098	.010	.00044	.05717
%RSD	.48123	.09425	2.0831	.26873	.82323	.1686	.89925	1.7523

#1	1.0446	3.8088	.04911	1.6154	.11776	5.715	-.04931	-3.3100
#2	1.0356	3.8153	.04788	1.6096	.11841	5.704	-.04848	-3.2793
#3	1.0363	3.8148	.04990	1.6180	.11968	5.695	-.04865	-3.1993

Sample Name: K3499-05 Acquired: 6/25/2019 18:01:28 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-5(10-11) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	77.155
Stddev	.195
%RSD	.25227

#1	77.247
#2	76.931
#3	77.286

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2566.0	31010.	2716.5	38.402	2216.8
Stddev	10.0	50.	12.4	.427	8.3
%RSD	.39093	.16158	.45712	1.1108	.37638

#1	2554.9	31010.	2704.2	38.390	2207.8
#2	2574.5	30960.	2716.1	38.834	2224.3
#3	2568.5	31061.	2729.1	37.982	2218.2

Sample Name: K3499-06 Acquired: 6/25/2019 18:05:57 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-6(11-12) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01152	.00119	.19837	.01144	.00117	46.081	.27626	.00523
Stddev	.00112	.00070	.00081	.00265	.00177	.254	.00029	.00011
%RSD	9.6850	58.943	.41019	23.135	151.10	.55082	.10601	2.1142

#1	.01239	.00038	.19745	.01449	.00082	45.797	.27597	.00513
#2	.01026	.00155	.19900	.00981	-.00040	46.286	.27656	.00535
#3	.01192	.00164	.19866	.01001	.00310	46.160	.27626	.00521

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00263	10.708	.08345	.05062	.09753	103.39	1.0246	15.857
Stddev	.00003	.032	.00107	.00044	.00014	.21	.0016	.076
%RSD	1.2113	.29659	1.2814	.87770	.14274	.19916	.15564	.48127

#1	-.00264	10.672	.08454	.05110	.09740	103.44	1.0260	15.783
#2	-.00260	10.724	.08241	.05053	.09768	103.57	1.0229	15.935
#3	-.00266	10.729	.08340	.05023	.09753	103.17	1.0250	15.854

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07982	.00062	1.0291	.10778	.28772	3.4555	.00870	-.00141
Stddev	.00025	.00066	.0166	.00069	.00107	.0752	.00013	.01012
%RSD	.30973	107.38	1.6157	.63732	.37243	2.1768	1.5274	719.95

#1	.07995	-.00015	1.0106	.10848	.28859	3.3852	.00855	-.00568
#2	.07953	.00101	1.0428	.10711	.28804	3.5348	.00881	-.00868
#3	.07996	.00098	1.0340	.10775	.28652	3.4466	.00873	.01015

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26189	2.4378	.00562	1.1576	.05703	2.435	-.05810	<.00000
Stddev	.00488	.0355	.00047	.0033	.00164	.004	.00012	.23068
%RSD	1.8646	1.4540	8.3893	.28309	2.8828	.1793	.20401	16.918

#1	.26731	2.4779	.00589	1.1538	.05586	2.440	-.05820	-1.3038
#2	.25782	2.4249	.00508	1.1594	.05632	2.433	-.05813	-1.6181
#3	.26055	2.4107	.00590	1.1596	.05891	2.433	-.05797	-1.1685

Sample Name: K3499-06 Acquired: 6/25/2019 18:05:57 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-6(11-12) Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 40.075
 Stddev .230
 %RSD .57470

#1 40.208
 #2 39.809
 #3 40.208

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2501.4	30510.	2631.0	38.314	2386.9
Stddev	4.6	10.	4.8	.834	2.9
%RSD	.18294	.03278	.18249	2.1773	.12037

#1	2505.1	30511.	2625.6	38.896	2383.6
#2	2502.7	30499.	2634.9	37.358	2388.5
#3	2496.3	30519.	2632.3	38.687	2388.7

Sample Name: CCV07 Acquired: 6/25/2019 18:10:23 Type: Unk

Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: ICSA8354 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9143	4.9523	4.7830	4.8997	4.8985	9.9575	9.8808	.24699
Stddev	.0120	.0045	.0063	.0137	.0104	.1280	.0303	.00066
%RSD	.24435	.09000	.13067	.28023	.21133	1.2858	.30682	.26745
#1	4.9058	4.9512	4.7779	4.8927	4.8889	9.9004	9.8607	.24672
#2	4.9280	4.9572	4.7812	4.9156	4.9095	10.104	9.9157	.24774
#3	4.9090	4.9485	4.7900	4.8909	4.8972	9.8680	9.8660	.24650
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4122	24.711	.96781	2.3982	1.2316	4.9478	2.4738	24.031
Stddev	.0014	.148	.00074	.0026	.0030	.0086	.0030	.106
%RSD	.05986	.59951	.07623	.10707	.24512	.17389	.12135	.44174
#1	2.4124	24.646	.96797	2.3998	1.2321	4.9524	2.4735	23.923
#2	2.4136	24.607	.96846	2.3995	1.2343	4.9531	2.4770	24.135
#3	2.4107	24.881	.96701	2.3952	1.2283	4.9378	2.4710	24.036
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4192	1.2292	24.151	2.4639	2.4154	24.542	4.9127	4.8507
Stddev	.0052	.0059	.036	.0034	.0031	.103	.0088	.0487
%RSD	.21420	.48069	.15026	.13592	.12682	.41838	.17918	1.0042
#1	2.4211	1.2224	24.123	2.4675	2.4176	24.444	4.9144	4.7948
#2	2.4231	1.2333	24.192	2.4634	2.4166	24.649	4.9205	4.8841
#3	2.4133	1.2318	24.139	2.4609	2.4119	24.532	4.9031	4.8732
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8956	4.8138	4.8197	4.8707	4.9382	5.016	5.2245	F 4.3307
Stddev	.0089	.0494	.0029	.0428	.0292	.014	.0373	.0651
%RSD	.18241	1.0254	.06020	.87917	.59139	.2809	.71433	1.5029
#1	4.9048	4.7763	4.8201	4.8325	4.9194	5.028	5.2084	4.3778
#2	4.8951	4.7954	4.8224	4.8626	4.9234	5.019	5.1979	4.2565
#3	4.8870	4.8697	4.8166	4.9170	4.9719	5.001	5.2671	4.3579

Sample Name: CCV07 Acquired: 6/25/2019 18:10:23 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8354 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.1421
Stddev	.2704
%RSD	12.622

#1	1.9157
#2	2.0692
#3	2.4415

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2129.6	26057.	2272.7	36.347	2177.0
Stddev	4.4	46.	15.4	.560	5.5
%RSD	.20664	.17580	.67544	1.5401	.25313

#1	2127.1	26028.	2273.9	36.478	2171.6
#2	2127.1	26033.	2287.4	36.830	2176.8
#3	2134.7	26110.	2256.7	35.734	2182.6

Sample Name: CCB07 Acquired: 6/25/2019 18:14:21 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8354 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00310	-.00074	-.00343	.00286	-.00176	-.01203	.00165
Stddev	.00155	.00084	.00150	.00280	.00089	.01272	.00052
%RSD	50.061	112.41	43.641	97.880	50.450	105.75	31.561

#1	-.00385	-.00136	-.00226	.00214	-.00278	.00233	.00109
#2	-.00414	-.00108	-.00512	.00596	-.00131	-.01652	.00174
#3	-.00132	.00021	-.00292	.00049	-.00119	-.02189	.00212

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00007	-.02039	-.00037	.00009	.00011	-.00085
Stddev	.00003	.00011	.01120	.00016	.00022	.00025	.00077
%RSD	467.16	157.69	54.913	43.529	238.48	229.87	90.876

#1	-.00001	.00019	-.02133	-.00023	.00035	.00031	-.00052
#2	-.00000	.00007	-.00875	-.00032	-.00006	-.00017	-.00173
#3	.00004	-.00004	-.03108	-.00054	-.00001	.00020	-.00029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.08488	.00213	.00062	.08752	-.00067	-.00076
Stddev	.00008	.05786	.00051	.00023	.00999	.00015	.00011
%RSD	360.30	68.160	23.948	37.805	11.416	22.557	15.036

#1	.00008	-.07370	.00220	.00068	.09903	-.00077	-.00065
#2	-.00007	-.03343	.00260	.00081	.08236	-.00050	-.00088
#3	.00006	-.14751	.00159	.00036	.08115	-.00075	-.00077

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03218	.00042	.00739	-.00678	.00129	-.00039	-.00013
Stddev	.02168	.00016	.00584	.00642	.00232	.00043	.00143
%RSD	67.375	38.866	79.114	94.709	180.12	109.04	1106.5

#1	.02625	.00025	.00084	-.01372	.00367	.00004	.00051
#2	.05621	.00044	.00926	-.00107	-.00096	-.00082	.00086
#3	.01408	.00057	.01206	-.00553	.00115	-.00041	-.00176

Sample Name: CCB07 Acquired: 6/25/2019 18:14:21 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8354 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00245	-.0019	.00013	F 2.8230	F<.00000
Stddev	.00023	.0020	.00017	.1807	.34481
%RSD	9.3027	107.5	131.84	6.4000	277.01

#1	.00239	-.0042	.00006	3.0282	.08523
#2	.00270	-.0009	.00000	2.6876	.06378
#3	.00226	-.0005	.00032	2.7533	-.52243

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2188.7	26912.	2293.4	37.508	2461.1
Stddev	4.3	45.	16.8	1.726	1.8
%RSD	.19549	.16549	.73131	4.6022	.07229

#1	2184.5	26868.	2306.8	39.095	2460.3
#2	2193.1	26957.	2298.7	35.670	2463.1
#3	2188.4	26910.	2274.6	37.759	2459.8

Sample Name: K3499-07 Acquired: 6/25/2019 18:18:50 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-6(17-18) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00921	.00100	.10898	.00683	-.00090	27.683	.18534	.00316
Stddev	.00244	.00115	.00109	.00059	.00168	.194	.00004	.00018
%RSD	26.525	115.34	1.0040	8.7057	186.26	.70158	.02357	5.6003
#1	.01088	-.00024	.10824	.00642	-.00086	27.503	.18538	.00332
#2	.01035	.00119	.11023	.00751	-.00261	27.657	.18529	.00297
#3	.00641	.00204	.10845	.00656	.00076	27.889	.18536	.00319
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00285	5.0725	.06477	.04141	.05101	79.829	.37853	7.3942
Stddev	.00010	.0092	.00074	.00032	.00027	.027	.00033	.1087
%RSD	3.6298	.18113	1.1448	.78347	.53299	.03435	.08820	1.4695
#1	-.00295	5.0826	.06418	.04110	.05071	79.854	.37833	7.2742
#2	-.00285	5.0646	.06561	.04174	.05123	79.799	.37835	7.4223
#3	-.00274	5.0702	.06453	.04137	.05111	79.834	.37892	7.4860
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06945	.00078	.89804	.11813	.12094	2.5942	.00696	-.00698
Stddev	.00052	.00043	.01407	.00070	.00022	.0026	.00006	.00819
%RSD	.75075	54.817	1.5663	.59579	.18181	.10007	.88209	117.41
#1	.06923	.00127	.88556	.11743	.12070	2.5961	.00697	-.00613
#2	.07005	.00064	.89527	.11884	.12113	2.5953	.00701	.00076
#3	.06907	.00044	.91328	.11811	.12100	2.5913	.00689	-.01556
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 28.079	4.0318	-.00759	1.0724	.03045	1.588	-.06037	<.00000
Stddev	.103	.0605	.00041	.0038	.00064	.003	.00021	.42413
%RSD	.36713	1.5008	5.3752	.35828	2.1099	.2045	.34769	279.90
#1	27.967	3.9969	-.00780	1.0757	.03096	1.584	-.06033	.05126
#2	28.169	4.1017	-.00784	1.0682	.03065	1.589	-.06060	-.63899
#3	28.102	3.9969	-.00712	1.0733	.02973	1.591	-.06019	.13313

Sample Name: K3499-07 Acquired: 6/25/2019 18:18:50 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-6(17-18) Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	29.690
Stddev	.316
%RSD	1.0658

#1	29.354
#2	29.734
#3	29.982

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2453.2	30167.	2594.0	40.516	2454.8
Stddev	9.0	9.	6.8	.736	10.4
%RSD	.36489	.02946	.26242	1.8166	.42517

#1	2463.4	30164.	2586.2	39.977	2464.7
#2	2446.5	30161.	2597.6	41.355	2443.9
#3	2449.8	30177.	2598.3	40.216	2455.8

Sample Name: K3500-01 Acquired: 6/25/2019 18:23:19 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-1(9-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02689	-.00006	.15565	.01278	.00086	57.599	.54451	.00578
Stddev	.00221	.00202	.00135	.00142	.00103	.248	.00153	.00009
%RSD	8.2204	3370.3	.86953	11.116	119.51	.43082	.28187	1.5368
#1	.02482	.00063	.15457	.01204	-.00031	57.314	.54313	.00569
#2	.02664	.00153	.15717	.01187	.00160	57.717	.54616	.00580
#3	.02922	-.00234	.15522	.01441	.00129	57.766	.54424	.00586
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00214	28.930	.08232	.05012	.14147	125.73	4.7618	20.682
Stddev	.00018	.096	.00033	.00050	.00040	.58	.0038	.083
%RSD	8.3990	.33152	.39968	1.0039	.28110	.46132	.07899	.39913
#1	-.00235	28.840	.08253	.05009	.14107	126.33	4.7661	20.686
#2	-.00208	29.031	.08194	.05063	.14148	125.17	4.7591	20.597
#3	-.00200	28.919	.08249	.04963	.14186	125.69	4.7601	20.762
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09820	.00029	1.1358	.11509	.45673	4.3176	.00134	-.02086
Stddev	.00091	.00037	.0102	.00071	.00196	.0298	.00020	.00838
%RSD	.92980	128.98	.89858	.61646	.42970	.68928	14.747	40.178
#1	.09730	-.00004	1.1248	.11572	.45712	4.3080	.00126	-.02439
#2	.09913	.00021	1.1449	.11522	.45460	4.3510	.00120	-.02691
#3	.09818	.00069	1.1378	.11432	.45847	4.2938	.00156	-.01129
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56708	3.3478	.00965	1.1460	.09972	4.443	.02032	<.00000
Stddev	.00396	.0569	.00061	.0044	.00050	.003	.00073	.26034
%RSD	.69873	1.6994	6.2936	.38579	.50041	.0685	3.5806	12.822
#1	.56807	3.2986	.01012	1.1446	.10003	4.442	.01959	-1.7474
#2	.57046	3.4101	.00897	1.1509	.09998	4.447	.02104	-2.2597
#3	.56272	3.3346	.00987	1.1424	.09914	4.441	.02032	-2.0841

Sample Name: K3500-01 Acquired: 6/25/2019 18:23:19 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-1(9-10) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	51.923
Stddev	.517
%RSD	.99584

#1	52.392
#2	51.368
#3	52.008

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2582.7	31457.	2747.9	39.523	2341.5
Stddev	7.7	49.	6.2	2.172	10.2
%RSD	.29874	.15549	.22729	5.4964	.43698

#1	2574.1	31510.	2746.8	41.765	2330.8
#2	2589.2	31448.	2742.3	37.428	2342.5
#3	2584.7	31413.	2754.6	39.374	2351.2

Sample Name: K3500-02 Acquired: 6/25/2019 18:27:46 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-2(9-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01826	.00015	.03790	.00779	.00021	33.643	.20793	.00300
Stddev	.00382	.00040	.00054	.00098	.00085	.299	.00212	.00010
%RSD	20.894	260.25	1.4207	12.630	406.97	.88851	1.0173	3.4037

#1	.02121	-.00022	.03735	.00890	.00117	33.333	.20548	.00291
#2	.01395	.00058	.03843	.00702	-.00011	33.669	.20919	.00298
#3	.01963	.00011	.03791	.00744	-.00044	33.929	.20911	.00311

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00252	8.5206	.05132	.03299	.09778	79.847	.74649	11.774
Stddev	.00006	.0440	.00026	.00029	.00125	.173	.00253	.110
%RSD	2.4957	.51698	.49924	.88877	1.2788	.21660	.33865	.93668

#1	-.00255	8.4847	.05118	.03293	.09922	79.909	.74376	11.654
#2	-.00257	8.5073	.05161	.03331	.09695	79.980	.74875	11.870
#3	-.00245	8.5697	.05116	.03273	.09717	79.651	.74695	11.798

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06122	.00050	1.0187	.07884	.75833	3.1971	.00073	-.00404
Stddev	.00064	.00062	.0148	.00038	.00217	.0403	.00020	.01322
%RSD	1.0465	123.16	1.4502	.48041	.28567	1.2595	27.736	327.17

#1	.06187	.00037	1.0098	.07851	.76032	3.1552	.00049	.00806
#2	.06059	.00117	1.0357	.07877	.75863	3.2354	.00085	-.01814
#3	.06121	-.00004	1.0105	.07925	.75602	3.2008	.00084	-.00204

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10263	2.1110	.00383	.82635	.04948	3.080	-.03029	<.00000
Stddev	.00057	.0301	.00068	.00670	.00249	.003	.00037	.19986
%RSD	.55223	1.4233	17.824	.81085	5.0301	.0822	1.2150	154.58

#1	.10199	2.0818	.00307	.81870	.04750	3.081	-.03061	.05261
#2	.10306	2.1093	.00405	.83118	.04867	3.077	-.03039	-.34323
#3	.10285	2.1418	.00438	.82916	.05228	3.081	-.02989	-.09724

Sample Name: K3500-02 Acquired: 6/25/2019 18:27:46 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-2(9-10) Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 30.066
 Stddev .549
 %RSD 1.8247

#1 29.957
 #2 29.581
 #3 30.662

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2469.2	30137.	2603.7	40.024	2426.4
Stddev	10.2	64.	3.4	1.109	6.2
%RSD	.41184	.21312	.13152	2.7706	.25495

#1	2460.5	30172.	2606.3	40.186	2420.9
#2	2466.6	30063.	2599.8	41.043	2425.2
#3	2480.4	30176.	2605.0	38.843	2433.1

Sample Name: K3500-03 Acquired: 6/25/2019 18:32:12 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-3(9-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01408	-.00086	.04138	.01373	.00002	46.244	.35301	.00397
Stddev	.00332	.00155	.00035	.00210	.00127	.174	.00255	.00019
%RSD	23.557	179.98	.85395	15.308	6433.8	.37662	.72332	4.8008

#1	.01026	-.00059	.04176	.01180	-.00055	46.063	.35055	.00376
#2	.01620	-.00252	.04107	.01342	-.00087	46.411	.35283	.00400
#3	.01578	.00053	.04129	.01597	.00148	46.257	.35565	.00414

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00307	9.6198	.04390	.04396	.09052	94.100	3.7125	14.585
Stddev	.00006	.0631	.00024	.00023	.00040	.202	.0033	.136
%RSD	1.9290	.65623	.54679	.51436	.43785	.21495	.08946	.93541

#1	-.00311	9.6856	.04366	.04384	.09007	93.939	3.7087	14.453
#2	-.00300	9.6139	.04414	.04381	.09069	94.327	3.7141	14.575
#3	-.00309	9.5598	.04391	.04422	.09081	94.033	3.7147	14.726

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07036	.00115	1.0461	.06941	.20732	3.7224	.00197	.00184
Stddev	.00120	.00044	.0081	.00035	.00038	.0135	.00025	.01817
%RSD	1.7043	38.472	.77507	.50203	.18480	.36321	12.808	985.34

#1	.06923	.00158	1.0370	.06913	.20709	3.7251	.00193	-.01260
#2	.07024	.00117	1.0486	.06980	.20776	3.7078	.00223	-.00412
#3	.07161	.00069	1.0527	.06930	.20711	3.7345	.00173	.02224

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09946	2.4909	.00444	.77868	.05982	2.036	-.03314	.19991
Stddev	.00326	.0108	.00046	.00236	.00097	.006	.00037	.19938
%RSD	3.2779	.43529	10.403	.30272	1.6210	.3137	1.1238	99.733

#1	.09681	2.4991	.00490	.77964	.06046	2.029	-.03277	.42140
#2	.10310	2.4950	.00398	.77600	.05870	2.040	-.03352	.14356
#3	.09847	2.4786	.00443	.78041	.06029	2.040	-.03313	.03477

Sample Name: K3500-03 Acquired: 6/25/2019 18:32:12 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-3(9-10) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	35.662
Stddev	.446
%RSD	1.2511

#1	35.154
#2	35.990
#3	35.843

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2444.4	29985.	2609.3	38.290	2344.6
Stddev	5.8	13.	21.4	.659	2.8
%RSD	.23824	.04400	.82020	1.7205	.12130

#1	2439.0	29981.	2588.4	37.942	2341.8
#2	2443.7	29974.	2631.1	37.878	2344.3
#3	2450.6	29999.	2608.4	39.049	2347.5

Sample Name: K3500-04 Acquired: 6/25/2019 18:36:40 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-4(9-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01909	-.00059	1.6176	.01212	.00093	54.241	.34405	.00464
Stddev	.00247	.00051	.0017	.00311	.00118	.042	.00062	.00025
%RSD	12.958	86.319	.10348	25.695	127.08	.07654	.17926	5.3563

#1	.02024	-.00007	1.6157	.00988	.00230	54.258	.34356	.00482
#2	.02078	-.00061	1.6190	.01080	.00028	54.193	.34385	.00473
#3	.01625	-.00109	1.6180	.01567	.00021	54.271	.34474	.00435

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00217	12.802	.05985	.05101	.14994	101.84	3.2435	15.062
Stddev	.00009	.029	.00022	.00024	.00065	.14	.0046	.142
%RSD	3.9535	.22699	.37238	.46128	.43199	.13642	.14306	.94253

#1	-.00207	12.800	.05973	.05128	.15034	101.86	3.2486	15.025
#2	-.00223	12.832	.05972	.05087	.14919	101.97	3.2394	15.219
#3	-.00220	12.774	.06011	.05087	.15028	101.69	3.2426	14.943

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08083	.00090	4.6116	.09389	.94447	4.5176	.00991	.01539
Stddev	.00044	.00029	.0198	.00037	.00119	.0477	.00028	.00242
%RSD	.54694	31.814	.42979	.39162	.12582	1.0550	2.8007	15.733

#1	.08063	.00063	4.5905	.09359	.94562	4.4632	.01012	.01649
#2	.08134	.00120	4.6145	.09379	.94325	4.5371	.01002	.01708
#3	.08053	.00086	4.6298	.09430	.94454	4.5523	.00960	.01262

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76527	2.1857	.01874	1.0790	.06506	2.673	.03091	<.00000
Stddev	.01087	.0304	.00014	.0037	.00091	.006	.00056	.32008
%RSD	1.4205	1.3899	.72209	.34460	1.3999	.2275	1.8044	84.023

#1	.77726	2.2000	.01872	1.0822	.06577	2.666	.03029	-.61063
#2	.75607	2.1508	.01888	1.0749	.06537	2.676	.03110	-.51686
#3	.76247	2.2063	.01862	1.0798	.06403	2.677	.03135	-.01533

Sample Name: K3500-04 Acquired: 6/25/2019 18:36:40 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-4(9-10) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	38.431
Stddev	.494
%RSD	1.2846

#1	38.243
#2	38.059
#3	38.991

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2479.7	30257.	2649.0	38.103	2318.8
Stddev	5.9	62.	10.3	1.498	4.8
%RSD	.23787	.20498	.38789	3.9325	.20830

#1	2473.1	30192.	2641.2	39.819	2313.7
#2	2481.5	30263.	2645.2	37.056	2323.3
#3	2484.5	30316.	2660.6	37.433	2319.4

Sample Name: K3500-05 Acquired: 6/25/2019 18:41:04 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-5(9-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02556	-.00226	.53365	.01171	.00177	84.749	.58790	.00601
Stddev	.00180	.00114	.00132	.00307	.00201	.526	.00268	.00012
%RSD	7.0259	50.524	.24684	26.232	113.18	.62057	.45634	2.0629

#1	.02763	-.00127	.53360	.00881	.00084	84.440	.58555	.00606
#2	.02466	-.00351	.53499	.01493	.00041	85.356	.59082	.00587
#3	.02440	-.00199	.53235	.01140	.00407	84.450	.58733	.00609

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00254	48.768	.07945	.06712	.19112	130.87	5.3843	20.047
Stddev	.00003	.129	.00067	.00022	.00076	.76	.0203	.106
%RSD	1.2119	.26502	.84762	.32470	.39914	.57969	.37722	.52658

#1	-.00252	48.770	.08003	.06733	.19200	130.26	5.3699	19.996
#2	-.00257	48.896	.07961	.06689	.19065	131.72	5.4075	20.169
#3	-.00251	48.638	.07871	.06715	.19070	130.63	5.3754	19.978

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11518	.00085	7.8883	.14355	.60432	5.5542	.00776	.01172
Stddev	.00037	.00017	.0372	.00050	.00152	.0294	.00001	.02080
%RSD	.32255	19.721	.47100	.35000	.25138	.52993	.13123	177.41

#1	.11528	.00093	7.8981	.14370	.60607	5.5226	.00777	.00861
#2	.11477	.00095	7.9196	.14396	.60344	5.5591	.00775	.03391
#3	.11549	.00065	7.8473	.14299	.60344	5.5809	.00777	-.00734

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66157	2.8406	.02827	1.7290	.08558	5.204	.16022	<.00000
Stddev	.00423	.0359	.00037	.0073	.00164	.004	.00038	.20947
%RSD	.63870	1.2625	1.3114	.42125	1.9136	.0851	.23930	8.4718

#1	.65930	2.8689	.02825	1.7302	.08665	5.199	.16066	-2.2502
#2	.65896	2.8527	.02792	1.7355	.08638	5.206	.15996	-2.5011
#3	.66644	2.8002	.02866	1.7211	.08369	5.208	.16005	-2.6662

Sample Name: K3500-05 Acquired: 6/25/2019 18:41:04 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-5(9-10) Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 54.924
 Stddev .139
 %RSD .25386

#1 55.084
 #2 54.847
 #3 54.839

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2634.5	32062.	2812.7	39.050	2314.2
Stddev	8.6	109.	14.5	1.176	5.6
%RSD	.32473	.33919	.51636	3.0114	.24350

#1	2627.3	32077.	2804.1	37.996	2308.1
#2	2632.1	31947.	2804.5	38.836	2315.4
#3	2643.9	32163.	2829.5	40.318	2319.2

Sample Name: K3500-06 Acquired: 6/25/2019 18:45:36 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-6(7.5-8) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03497	-.00421	1.8183	.01178	.00167	84.093	.99735	.00502
Stddev	.00104	.00009	.0024	.00134	.00101	.224	.00137	.00011
%RSD	2.9724	2.2221	.12936	11.404	60.565	.26658	.13735	2.2696
#1	.03378	-.00428	1.8169	.01036	.00185	84.234	.99720	.00498
#2	.03569	-.00410	1.8210	.01303	.00259	83.835	.99606	.00514
#3	.03543	-.00425	1.8169	.01196	.00058	84.211	.99878	.00492
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00424	369.50	.11289	.04611	.54481	79.277	2.2827	21.167
Stddev	.00008	1.81	.00169	.00007	.00104	.192	.0029	.141
%RSD	1.8748	.49109	1.4951	.14556	.19002	.24233	.12747	.66615
#1	.00416	368.25	.11450	.04612	.54588	79.485	2.2846	21.263
#2	.00425	368.66	.11114	.04618	.54381	79.105	2.2794	21.005
#3	.00432	371.58	.11302	.04604	.54473	79.242	2.2842	21.233
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11037	.00023	54.272	.13528	3.2864	8.6844	.12718	.14811
Stddev	.00067	.00052	.049	.00093	.0114	.0669	.00099	.01374
%RSD	.60678	231.61	.09079	.68998	.34530	.77073	.77850	9.2776
#1	.11092	.00024	54.305	.13627	3.2765	8.6267	.12824	.14963
#2	.11055	.00074	54.215	.13441	3.2839	8.6686	.12628	.13367
#3	.10962	-.00030	54.296	.13518	3.2988	8.7578	.12702	.16103
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.548	2.3975	.05267	2.5790	.08162	F 14.45	3.3649	3.0269
Stddev	.044	.0256	.00112	.0196	.00170	.02	.0183	.4075
%RSD	.19563	1.0696	2.1196	.75892	2.0853	.1501	.54362	13.463
#1	22.580	2.4173	.05396	2.5712	.08205	14.46	3.3535	2.5576
#2	22.566	2.3685	.05206	2.5644	.08306	14.46	3.3553	3.2918
#3	22.498	2.4067	.05199	2.6012	.07974	14.42	3.3860	3.2312

Sample Name: K3500-06 Acquired: 6/25/2019 18:45:36 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-6(7.5-8) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	31.785
Stddev	.306
%RSD	.96398

#1	31.730
#2	31.510
#3	32.115

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2276.4	27966.	2540.5	37.244	2047.2
Stddev	7.4	49.	16.9	1.309	8.8
%RSD	.32591	.17669	.66486	3.5153	.43031

#1	2279.6	27949.	2550.0	36.916	2054.8
#2	2281.7	28022.	2550.5	38.686	2049.1
#3	2268.0	27927.	2521.0	36.130	2037.5

Sample Name: K3500-07 Acquired: 6/25/2019 18:49:57 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-7(9-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01071	.00041	.64150	.01100	-.00027	62.072	.42599	.00508
Stddev	.00200	.00089	.00365	.00097	.00055	.230	.00195	.00012
%RSD	18.676	216.91	.56875	8.8440	204.05	.37118	.45827	2.4540

#1	.01213	.00068	.64530	.01173	-.00026	61.963	.42619	.00496
#2	.00842	-.00058	.64117	.01138	-.00082	62.337	.42783	.00521
#3	.01159	.00113	.63803	.00990	.00027	61.917	.42394	.00507

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00276	14.882	.11145	.05240	.12465	114.42	2.4488	16.016
Stddev	.00002	.043	.00008	.00035	.00054	.13	.0001	.218
%RSD	.54401	.28818	.06983	.66405	.43237	.11401	.00423	1.3605

#1	-.00274	14.915	.11143	.05265	.12412	114.57	2.4488	15.768
#2	-.00277	14.898	.11139	.05200	.12465	114.31	2.4488	16.104
#3	-.00276	14.834	.11154	.05254	.12519	114.38	2.4486	16.177

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12282	.00068	6.1549	.10284	.30940	4.7199	.00733	.00256
Stddev	.00069	.00056	.0125	.00022	.00105	.0517	.00019	.00553
%RSD	.55821	83.033	.20348	.21003	.33836	1.0958	2.5827	215.68

#1	.12335	.00010	6.1510	.10268	.31061	4.7333	.00725	-.00332
#2	.12305	.00071	6.1689	.10309	.30884	4.7636	.00720	.00764
#3	.12204	.00122	6.1448	.10275	.30876	4.6628	.00755	.00336

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47044	2.3043	.01308	1.3832	.06798	3.411	.03713	<.00000
Stddev	.00229	.0121	.00029	.0028	.00110	.014	.00087	.29176
%RSD	.48667	.52301	2.1844	.20469	1.6208	.3981	2.3549	13.076

#1	.46928	2.3055	.01305	1.3800	.06671	3.423	.03647	-1.9863
#2	.46896	2.3158	.01338	1.3847	.06868	3.413	.03680	-2.5540
#3	.47308	2.2918	.01281	1.3850	.06856	3.396	.03812	-2.1535

Sample Name: K3500-07 Acquired: 6/25/2019 18:49:57 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-7(9-10) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	48.221
Stddev	.550
%RSD	1.1401

#1	47.914
#2	48.856
#3	47.894

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2597.8	31793.	2770.3	41.128	2385.5
Stddev	4.1	94.	3.5	.865	9.5
%RSD	.15917	.29667	.12684	2.1022	.39997

#1	2597.1	31824.	2766.5	40.140	2376.7
#2	2594.0	31687.	2773.4	41.504	2384.2
#3	2602.2	31868.	2771.1	41.742	2395.6

Sample Name: K3500-08 Acquired: 6/25/2019 18:54:23 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: B-8(9-10) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00701	.00133	.09848	.01031	.00058	54.694	.34014	.00444
Stddev	.00299	.00089	.00103	.00066	.00120	.386	.00135	.00008
%RSD	42.664	67.045	1.0416	6.3751	207.23	.70564	.39804	1.9132

#1	.00554	.00234	.09733	.00956	.00197	54.255	.33876	.00453
#2	.01045	.00065	.09880	.01059	-.00010	54.981	.34147	.00440
#3	.00504	.00100	.09930	.01079	-.00013	54.847	.34020	.00438

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00276	8.3610	.09496	.04607	.12842	102.94	1.3780	16.068
Stddev	.00008	.0279	.00021	.00030	.00086	.18	.0012	.147
%RSD	2.7472	.33347	.22207	.65727	.67050	.17068	.08434	.91728

#1	-.00269	8.3344	.09496	.04599	.12822	102.75	1.3775	15.932
#2	-.00277	8.3901	.09474	.04581	.12936	103.10	1.3793	16.225
#3	-.00284	8.3586	.09516	.04640	.12767	102.97	1.3772	16.048

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10496	.00100	3.0156	.09007	.34228	3.9290	.00583	.00371
Stddev	.00039	.00017	.0311	.00085	.00066	.0247	.00019	.01285
%RSD	.36893	16.962	1.0302	.94016	.19155	.62843	3.2231	346.54

#1	.10497	.00114	2.9820	.08915	.34158	3.9020	.00564	.00740
#2	.10534	.00105	3.0434	.09082	.34239	3.9345	.00584	.01430
#3	.10457	.00081	3.0213	.09023	.34288	3.9505	.00601	-.01058

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52226	1.8943	.00839	.84475	.06557	5.368	-.02193	<.00000
Stddev	.01117	.0123	.00027	.00259	.00069	.018	.00066	.07385
%RSD	2.1379	.64963	3.1880	.30693	1.0468	.3344	3.0111	33.558

#1	.52919	1.8807	.00860	.84177	.06529	5.348	-.02268	-.22203
#2	.52821	1.9046	.00849	.84604	.06635	5.378	-.02170	-.14527
#3	.50938	1.8975	.00809	.84645	.06507	5.380	-.02142	-.29293

Sample Name: K3500-08 Acquired: 6/25/2019 18:54:23 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: B-8(9-10) Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 39.427
 Stddev .119
 %RSD .30180

#1 39.301
 #2 39.442
 #3 39.538

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2477.8	30342.	2643.8	39.280	2378.9
Stddev	4.8	59.	1.4	.380	4.5
%RSD	.19418	.19566	.05248	.96618	.19008

#1	2479.4	30403.	2644.3	39.470	2379.8
#2	2472.3	30338.	2642.2	38.843	2373.9
#3	2481.5	30284.	2644.9	39.526	2382.8

Sample Name: K3512-02 Acquired: 6/25/2019 18:58:49 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06492	.00260	.86715	.01604	.00850	181.18	1.7296	.01507
Stddev	.00118	.00111	.00372	.00414	.00122	.94	.0061	.00016
%RSD	1.8214	42.878	.42928	25.804	14.355	.52148	.35296	1.0350
#1	.06628	.00171	.86956	.01301	.00913	180.41	1.7274	.01490
#2	.06435	.00224	.86903	.02076	.00929	180.89	1.7249	.01509
#3	.06413	.00385	.86286	.01436	.00710	182.24	1.7365	.01521
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	37.872	.22851	.15932	.60687	231.18	5.8628	70.804
Stddev	.00009	.100	.00118	.00038	.00061	.54	.0271	.319
%RSD	4.8274	.26498	.51508	.24143	.10012	.23367	.46295	.44996
#1	.00176	37.759	.22952	.15955	.60662	231.48	5.8738	70.573
#2	.00171	37.907	.22722	.15888	.60642	231.49	5.8828	71.168
#3	.00188	37.950	.22880	.15954	.60756	230.55	5.8319	70.672
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35810	-.00117	5.2798	.37234	2.1301	18.675	.00437	.00920
Stddev	.00129	.00051	.0313	.00194	.0025	.041	.00012	.02681
%RSD	.36017	43.737	.59362	.52058	.11898	.21974	2.6896	291.45
#1	.35912	-.00071	5.2788	.37160	2.1327	18.661	.00431	.00715
#2	.35854	-.00109	5.2490	.37454	2.1277	18.643	.00430	.03697
#3	.35665	-.00173	5.3117	.37088	2.1299	18.721	.00451	-.01653
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0329	3.2241	.04497	2.3561	.36240	9.290	.05957	<.00000
Stddev	.0073	.0227	.00159	.0050	.00320	.034	.00198	.05958
%RSD	.14510	.70319	3.5250	.21163	.88260	.3681	3.3239	1.6121
#1	5.0392	3.2112	.04422	2.3521	.35873	9.329	.05730	-3.6824
#2	5.0346	3.2503	.04390	2.3617	.36457	9.276	.06098	-3.6440
#3	5.0249	3.2108	.04679	2.3546	.36391	9.264	.06041	-3.7609

Sample Name: K3512-02 Acquired: 6/25/2019 18:58:49 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-7 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 90.643
Stddev	.618
%RSD	.68155

#1	90.072
#2	91.299
#3	90.558

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2588.0	31353.	2808.4	37.244	2094.5
Stddev	2.3	65.	5.8	1.768	3.1
%RSD	.08817	.20590	.20733	4.7467	.14742

#1	2585.5	31289.	2803.2	35.714	2091.0
#2	2588.6	31353.	2807.3	36.838	2096.7
#3	2589.9	31418.	2814.7	39.179	2095.8

Sample Name: CCV08 Acquired: 6/25/2019 19:03:22 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15176 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1581	5.1850	5.0291	5.1452	5.1428	10.479	10.441	.25973
Stddev	.0205	.0131	.0131	.0082	.0039	.180	.049	.00064
%RSD	.39780	.25234	.26085	.15964	.07598	1.7144	.46683	.24471
#1	5.1704	5.1951	5.0427	5.1540	5.1473	10.274	10.391	.26020
#2	5.1694	5.1703	5.0282	5.1439	5.1401	10.554	10.489	.25998
#3	5.1344	5.1898	5.0165	5.1378	5.1410	10.610	10.444	.25901
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5351	25.847	1.0165	2.5245	1.2947	5.1926	2.5976	25.400
Stddev	.0069	.034	.0039	.0053	.0017	.0079	.0044	.187
%RSD	.27374	.13193	.38297	.21094	.12711	.15269	.17016	.73650
#1	2.5426	25.835	1.0137	2.5304	1.2949	5.1878	2.6007	25.184
#2	2.5338	25.821	1.0209	2.5230	1.2930	5.2018	2.5996	25.503
#3	2.5289	25.886	1.0148	2.5200	1.2962	5.1883	2.5925	25.514
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5429	1.2845	25.387	2.5901	2.5170	25.744	5.1649	5.1512
Stddev	.0060	.0030	.130	.0012	.0076	.210	.0133	.0440
%RSD	.23482	.23538	.51258	.04798	.30285	.81656	.25794	.85357
#1	2.5492	1.2811	25.254	2.5901	2.5249	25.526	5.1798	5.1287
#2	2.5423	1.2870	25.514	2.5913	2.5162	25.945	5.1610	5.1229
#3	2.5373	1.2854	25.393	2.5888	2.5097	25.761	5.1540	5.2018
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1130	5.0170	5.0560	5.1209	5.1566	5.261	5.4940	5.3409
Stddev	.0294	.0271	.0178	.0204	.0275	.023	.0321	.1948
%RSD	.57561	.53982	.35273	.39928	.53388	.4395	.58434	3.6481
#1	5.1291	5.0483	5.0750	5.1277	5.1880	5.276	5.5310	5.5196
#2	5.1308	5.0007	5.0535	5.0979	5.1456	5.273	5.4746	5.3699
#3	5.0790	5.0021	5.0396	5.1371	5.1363	5.234	5.4763	5.1332

Sample Name: CCV08 Acquired: 6/25/2019 19:03:22 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15176 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1505
Stddev .3218
%RSD 14.964

#1 2.3033
#2 1.7807
#3 2.3673

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2073.5	25298.	2221.7	34.339	2114.3
Stddev	6.3	78.	21.3	2.634	7.8
%RSD	.30479	.30957	.96084	7.6699	.36961

#1	2066.6	25293.	2197.3	31.298	2105.7
#2	2074.9	25222.	2231.2	35.901	2116.0
#3	2079.0	25378.	2236.7	35.818	2121.1

Sample Name: CCB08 Acquired: 6/25/2019 19:07:20 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15176 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00292	-.00126	-.00435	.00095	-.00196	-.01291	.00148
Stddev	.00358	.00059	.00038	.00172	.00089	.01473	.00018
%RSD	122.52	46.910	8.8128	180.19	45.570	114.12	12.394

#1	.00010	-.00072	-.00467	-.00024	-.00297	-.00662	.00164
#2	-.00199	-.00188	-.00392	.00293	-.00162	-.02974	.00152
#3	-.00687	-.00116	-.00446	.00018	-.00128	-.00237	.00128

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	.00015	.00460	-.00026	.00028	-.00031	-.00083
Stddev	.00009	.00004	.01766	.00013	.00016	.00018	.00116
%RSD	62.280	27.914	383.83	48.516	56.461	59.439	140.72

#1	.00025	.00018	.01973	-.00018	.00013	-.00051	-.00023
#2	.00010	.00010	-.01480	-.00020	.00045	-.00025	-.00217
#3	.00008	.00018	.00887	-.00041	.00026	-.00016	-.00009

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.10534	.00213	.00084	.06110	-.00070	-.00073
Stddev	.00005	.01442	.00026	.00025	.01286	.00087	.00011
%RSD	1198.6	13.694	12.160	29.255	21.048	123.88	15.180

#1	-.00002	-.12107	.00186	.00060	.05886	-.00132	-.00068
#2	-.00003	-.10221	.00238	.00084	.07493	-.00109	-.00086
#3	.00006	-.09273	.00214	.00109	.04951	.00029	-.00066

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02726	.00050	.01873	-.00289	-.00193	-.00016	-.00137
Stddev	.00764	.00018	.01259	.00273	.00213	.00041	.00067
%RSD	28.039	35.630	67.202	94.267	110.22	262.55	48.682

#1	-.02113	.00067	.00459	-.00475	.00011	-.00046	-.00183
#2	-.03582	.00031	.02870	.00024	-.00176	-.00033	-.00060
#3	-.02482	.00054	.02291	-.00417	-.00414	.00031	-.00167

Sample Name: CCB08 Acquired: 6/25/2019 19:07:20 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15176 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00105	.0002	.00003	F 2.0567	F<.00000
Stddev	.00187	.0017	.00014	.4064	.38372
%RSD	178.06	1020.	507.57	19.761	57.411

#1	.00319	-.0018	-.00012	2.1859	-.24844
#2	.00022	.0010	.00015	1.6014	-.75594
#3	-.00026	.0013	.00005	2.3828	-1.0007

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2252.0	27511.	2353.6	38.791	2522.9
Stddev	12.5	69.	14.8	1.509	14.6
%RSD	.55657	.25010	.62795	3.8906	.57996

#1	2242.0	27432.	2338.9	40.532	2512.3
#2	2247.8	27559.	2353.6	37.852	2516.9
#3	2266.0	27543.	2368.4	37.989	2539.6

Sample Name: K3512-06 Acquired: 6/25/2019 19:11:49 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01899	-.00554	.29896	.00643	.00635	153.86	1.7846	.01399
Stddev	.00182	.00138	.00207	.00350	.00140	.07	.0035	.00019
%RSD	9.5802	24.839	.69145	54.373	22.013	.04789	.19493	1.3812
#1	.01918	-.00700	.29709	.00999	.00796	153.94	1.7856	.01413
#2	.02071	-.00536	.29861	.00299	.00545	153.83	1.7874	.01377
#3	.01708	-.00426	.30118	.00632	.00564	153.80	1.7807	.01407
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00378	51.444	.16433	.21926	.83383	253.50	5.6967	64.845
Stddev	.00028	.147	.00050	.00085	.00194	.28	.0138	.342
%RSD	7.2906	.28616	.30239	.38567	.23302	.11073	.24128	.52697
#1	.00360	51.442	.16450	.21883	.83239	253.83	5.6935	64.799
#2	.00364	51.592	.16472	.21872	.83307	253.33	5.6848	64.528
#3	.00409	51.298	.16377	.22024	.83604	253.36	5.7117	65.207
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31555	-.00418	8.0447	.47531	1.1851	12.660	.00170	-.04967
Stddev	.00173	.00020	.0254	.00096	.0065	.042	.00031	.01475
%RSD	.54767	4.8666	.31553	.20164	.55043	.33382	18.123	29.693
#1	.31374	-.00420	8.0546	.47438	1.1816	12.611	.00205	-.04240
#2	.31575	-.00437	8.0636	.47527	1.1810	12.684	.00153	-.06665
#3	.31717	-.00397	8.0158	.47629	1.1926	12.685	.00151	-.03998
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1875	2.9807	.02801	3.4651	.23593	7.496	.03474	<.00000
Stddev	.0084	.0085	.00013	.0211	.00162	.022	.00061	.41616
%RSD	.38353	.28458	.46985	.60864	.68605	.2960	1.7625	3.6080
#1	2.1824	2.9780	.02794	3.4417	.23415	7.489	.03443	-11.875
#2	2.1830	2.9902	.02793	3.4826	.23731	7.479	.03544	-11.657
#3	2.1972	2.9739	.02816	3.4710	.23633	7.522	.03434	-11.071

Sample Name: K3512-06 Acquired: 6/25/2019 19:11:49 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-8 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 114.75
Stddev	.32
%RSD	.28298

#1	114.53
#2	114.59
#3	115.12

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2975.2	36209.	3249.0	38.693	2156.7
Stddev	2.2	6.	9.2	1.480	5.6
%RSD	.07384	.01781	.28217	3.8264	.26048

#1	2975.5	36216.	3256.2	40.400	2160.1
#2	2972.9	36207.	3238.7	37.751	2159.8
#3	2977.3	36204.	3252.2	37.929	2150.2

Sample Name: K3513-01 Acquired: 6/25/2019 19:16:24 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390620141.1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00224	-.00024	.00420	.01061	-.00055	9.3390	.43845	.00549
Stddev	.00159	.00025	.00117	.00442	.00045	.0473	.00375	.00012
%RSD	71.065	106.37	27.965	41.688	81.843	.50591	.85432	2.2499

#1	.00101	.00004	.00417	.00551	-.00026	9.3067	.43503	.00542
#2	.00403	-.00044	.00303	.01306	-.00107	9.3171	.43786	.00563
#3	.00166	-.00031	.00538	.01328	-.00032	9.3933	.44245	.00541

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	12.307	.00432	.01748	.18567	23.175	.95500	4.4929
Stddev	.00013	.023	.00019	.00050	.00012	.006	.00170	.0518
%RSD	30.930	.18568	4.3641	2.8798	.06335	.02491	.17844	1.1533

#1	-.00027	12.322	.00421	.01805	.18580	23.169	.95444	4.4924
#2	-.00047	12.320	.00453	.01727	.18561	23.180	.95691	4.5450
#3	-.00050	12.281	.00421	.01711	.18559	23.177	.95364	4.4413

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01473	.00314	1.3681	.00004	.55394	2.0236	.00197	.02981
Stddev	.00035	.00036	.0135	.00019	.00258	.0393	.00044	.01109
%RSD	2.3733	11.535	.98618	446.61	.46583	1.9432	22.204	37.215

#1	.01472	.00328	1.3570	.00022	.55691	1.9972	.00179	.01762
#2	.01438	.00273	1.3642	.00006	.55268	2.0047	.00248	.03931
#3	.01508	.00342	1.3831	-.00016	.55224	2.0688	.00166	.03251

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.4067	1.0050	.01186	.08322	.00142	F 15.29	.03657	.20641
Stddev	.0403	.0318	.00026	.00341	.00184	.10	.00039	.17862
%RSD	.62940	3.1602	2.2106	4.0923	129.93	.6500	1.0561	86.539

#1	6.4512	1.0326	.01203	.08715	.00265	15.41	.03684	.12715
#2	6.3725	1.0121	.01156	.08114	-.00070	15.25	.03674	.08113
#3	6.3964	.97026	.01200	.08137	.00230	15.22	.03613	.41095

Sample Name: K3513-01 Acquired: 6/25/2019 19:16:24 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390620141.1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.9873
 Stddev .5009
 %RSD 6.2708

#1 7.4120
 #2 8.3265
 #3 8.2234

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2413.6	29657.	2562.4	40.706	2555.1
Stddev	11.5	41.	28.1	1.119	13.5
%RSD	.47695	.13898	1.0970	2.7501	.52908

#1	2404.1	29639.	2544.1	39.416	2540.3
#2	2410.2	29704.	2548.3	41.282	2558.4
#3	2426.4	29627.	2594.8	41.420	2566.7

Sample Name: K3514-01 Acquired: 6/25/2019 19:20:42 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 390619144 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00280	-.00014	.01718	.00734	-.00201	46.477	.08272	.00012
Stddev	.00196	.00024	.00137	.00239	.00172	.204	.00069	.00016
%RSD	69.998	164.87	7.9571	32.516	85.535	.43984	.83313	129.06

#1	.00468	-.00021	.01568	.00641	-.00110	46.509	.08350	.00001
#2	.00077	-.00034	.01835	.01005	-.00399	46.663	.08245	.00030
#3	.00295	.00012	.01752	.00555	-.00093	46.258	.08221	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	9.6200	.00866	.00099	.30812	4.2968	.20604	1.1803
Stddev	.00001	.0310	.00024	.00025	.00018	.0026	.00256	.0417
%RSD	5.6676	.32190	2.8045	24.938	.05772	.06077	1.2414	3.5355

#1	.00022	9.5890	.00841	.00093	.30793	4.2964	.20516	1.2014
#2	.00024	9.6203	.00870	.00079	.30828	4.2944	.20404	1.2073
#3	.00024	9.6509	.00889	.00127	.30814	4.2996	.20892	1.1323

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00822	.00233	3.5417	.00321	.59045	1.4796	.00302	.02925
Stddev	.00044	.00018	.0227	.00016	.00336	.0320	.00032	.01707
%RSD	5.4118	7.8656	.64098	5.0276	.56906	2.1606	10.451	58.337

#1	.00789	.00218	3.5230	.00315	.59338	1.4432	.00338	.01066
#2	.00803	.00254	3.5669	.00308	.59119	1.4927	.00288	.03290
#3	.00872	.00227	3.5352	.00339	.58678	1.5029	.00279	.04420

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5182	.91923	.00972	.06485	.00036	F 14.76	.04889	1.3006
Stddev	.0115	.00297	.00060	.00320	.00129	.04	.00049	.0354
%RSD	.25496	.32261	6.1504	4.9316	362.52	.2611	.99808	2.7242

#1	4.5271	.92260	.00990	.06262	-.00026	14.81	.04870	1.2651
#2	4.5052	.91704	.00905	.06342	.00184	14.73	.04852	1.3007
#3	4.5222	.91804	.01020	.06852	-.00051	14.74	.04944	1.3359

Sample Name: K3514-01 Acquired: 6/25/2019 19:20:42 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 390619144 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0111
 Stddev .6012
 %RSD 59.462

#1 1.2649
 #2 .32460
 #3 1.4438

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2326.5	28498.	2468.9	43.782	2509.4
Stddev	12.5	53.	12.1	5.128	12.1
%RSD	.53690	.18495	.49103	11.714	.48339

#1	2316.7	28439.	2459.7	49.609	2497.4
#2	2322.4	28513.	2482.6	41.780	2509.1
#3	2340.6	28541.	2464.3	39.955	2521.6

Sample Name: K3511-06 Acquired: 6/25/2019 19:25:00 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N43502 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	-.00075	-.00125	.00217	-.00128	.01892	.10424	.00007
Stddev	.00082	.00172	.00221	.00335	.00085	.02115	.00055	.00005
%RSD	61.821	228.64	177.05	154.71	66.354	111.76	.52797	67.827

#1	-.00040	.00124	-.00057	-.00157	-.00031	.04307	.10398	.00012
#2	-.00196	-.00173	.00054	.00315	-.00190	.01000	.10487	.00003
#3	-.00164	-.00177	-.00371	.00491	-.00164	.00370	.10387	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00025	22.757	-.00019	.00008	.00011	.00327	.03931	5.4131
Stddev	.00015	.063	.00023	.00022	.00066	.00025	.00025	.0320
%RSD	58.722	.27475	117.93	285.00	610.49	7.5305	.63525	.59193

#1	-.00031	22.685	-.00042	.00004	.00011	.00313	.03943	5.3762
#2	-.00035	22.793	-.00020	.00031	.00077	.00356	.03948	5.4285
#3	-.00008	22.794	.00004	-.00012	-.00055	.00312	.03903	5.4345

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00111	.00093	125.21	.00072	.02044	3.6852	.00471	.07063
Stddev	.00006	.00061	.83	.00073	.00008	.0634	.00059	.00987
%RSD	5.0402	65.547	.66040	101.57	.39686	1.7214	12.599	13.979

#1	.00109	.00119	124.28	.00118	.02051	3.6177	.00514	.08094
#2	.00106	.00137	125.48	-.00012	.02045	3.6944	.00403	.06969
#3	.00117	.00023	125.86	.00110	.02035	3.7436	.00496	.06126

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9913	1.5974	-.00099	-.00270	.02052	.0029	.17200	4.8083
Stddev	.0134	.0077	.00055	.00132	.00196	.0003	.00046	.1596
%RSD	.33677	.48509	55.528	48.823	9.5673	9.522	.26578	3.3196

#1	3.9785	1.6064	-.00037	-.00335	.01867	.0028	.17163	4.6796
#2	4.0053	1.5924	-.00142	-.00118	.02258	.0032	.17251	4.9869
#3	3.9901	1.5936	-.00116	-.00356	.02029	.0027	.17186	4.7583

Sample Name: K3511-06 Acquired: 6/25/2019 19:25:00 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: N43502 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .07731
 Stddev .15203
 %RSD 196.65

#1 .21065
 #2 .10952
 #3 -.08824

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2109.1	25870.	2294.6	38.651	2238.5
Stddev	5.8	40.	6.2	1.251	2.8
%RSD	.27372	.15507	.27122	3.2363	.12642

#1	2102.4	25872.	2291.2	37.914	2235.3
#2	2112.6	25828.	2290.9	40.095	2239.5
#3	2112.2	25908.	2301.8	37.945	2240.6

Sample Name: K3511-06DUP Acquired: 6/25/2019 19:29:25 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N43502DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00166	-.00040	-.00163	.00214	-.00198	.00294	.10620	.00009
Stddev	.00157	.00031	.00114	.00022	.00175	.01099	.00087	.00007
%RSD	94.324	78.133	69.813	10.160	88.496	373.69	.81869	72.721

#1	-.00150	-.00045	-.00254	.00211	-.00398	.01437	.10521	.00009
#2	-.00330	-.00007	-.00036	.00193	-.00130	-.00755	.10657	.00016
#3	-.00018	-.00068	-.00199	.00237	-.00067	.00200	.10682	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	22.694	.00016	.00014	.00046	.00312	.03974	5.4670
Stddev	.00007	.233	.00085	.00021	.00020	.00035	.00024	.1408
%RSD	31.639	1.0278	531.51	150.92	43.814	11.191	.61002	2.5747

#1	-.00014	22.458	.00100	-.00002	.00060	.00285	.03995	5.3258
#2	-.00026	22.924	-.00071	.00038	.00023	.00351	.03979	5.4678
#3	-.00024	22.700	.00019	.00006	.00055	.00299	.03947	5.6073

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00099	.00071	126.29	.00083	.02157	3.7818	.00493	.10874
Stddev	.00024	.00043	.63	.00014	.00003	.0345	.00039	.02100
%RSD	24.194	60.782	.49621	16.302	.13718	.91358	7.9894	19.312

#1	.00101	.00095	125.58	.00097	.02154	3.7662	.00538	.08812
#2	.00121	.00096	126.78	.00070	.02157	3.7578	.00464	.13010
#3	.00074	.00021	126.51	.00083	.02160	3.8214	.00477	.10798

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0406	1.5774	-.00060	-.00173	.02292	.0033	.17268	5.1834
Stddev	.0039	.0152	.00023	.00028	.00220	.0022	.00172	.1855
%RSD	.09675	.96208	38.153	16.439	9.6076	65.24	.99389	3.5778

#1	4.0387	1.5602	-.00034	-.00153	.02044	.0052	.17072	5.1813
#2	4.0381	1.5888	-.00076	-.00205	.02366	.0010	.17390	4.9990
#3	4.0451	1.5833	-.00069	-.00160	.02466	.0037	.17343	5.3699

Sample Name: K3511-06DUP Acquired: 6/25/2019 19:29:25 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N43502DUP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .10508
%RSD 35.495

#1 -.17573
#2 -.34253
#3 -.36985

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2101.3	25738.	2313.5	37.904	2227.0
Stddev	3.2	51.	12.9	1.119	.6
%RSD	.15413	.19661	.55547	2.9515	.02796

#1	2103.1	25752.	2322.8	39.182	2227.6
#2	2097.6	25681.	2298.9	37.103	2226.9
#3	2103.3	25779.	2318.9	37.427	2226.4

Sample Name: K3511-06LX5 Acquired: 6/25/2019 19:33:48 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120894BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00248	-.00003	-.00351	.00049	-.00297	-.00798	.02129	.00007
Stddev	.00190	.00031	.00087	.00442	.00258	.02336	.00015	.00010
%RSD	76.523	934.10	24.844	910.06	86.774	292.53	.71456	140.58

#1	-.00252	-.00031	-.00387	-.00345	-.00586	.01559	.02125	.00018
#2	-.00437	.00031	-.00414	-.00037	-.00089	-.00843	.02116	-.00001
#3	-.00057	-.00010	-.00252	.00527	-.00217	-.03112	.02146	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	4.5827	-.00065	.00014	-.00018	-.00008	.00800	.98779
Stddev	.00004	.0141	.00029	.00012	.00033	.00068	.00011	.02390
%RSD	179.53	.30665	43.646	82.039	178.56	891.28	1.3691	2.4192

#1	-.00002	4.5672	-.00037	.00014	-.00048	.00009	.00789	.97921
#2	-.00006	4.5946	-.00066	.00026	-.00024	-.00083	.00799	1.0148
#3	.00002	4.5864	-.00094	.00003	.00017	.00051	.00811	.96936

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	.00100	24.786	-.00050	.00361	.71446	.00059	.01904
Stddev	.00056	.00020	.203	.00087	.00010	.02133	.00018	.00610
%RSD	31.514	20.184	.81888	174.36	2.8768	2.9854	30.089	32.062

#1	.00116	.00079	24.637	-.00025	.00366	.72549	.00051	.02552
#2	.00225	.00120	24.702	-.00147	.00367	.68988	.00079	.01340
#3	.00195	.00102	25.017	.00022	.00349	.72802	.00046	.01820

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77982	.33094	-.00056	-.00318	.00776	-.0010	.03498	3.0700
Stddev	.00503	.00181	.00006	.00148	.00023	.0016	.00038	.4149
%RSD	.64552	.54543	9.9416	46.552	3.0130	154.7	1.0987	13.514

#1	.77490	.33068	-.00062	-.00486	.00772	-.0013	.03528	3.0942
#2	.77959	.33286	-.00053	-.00208	.00801	.0007	.03510	3.4722
#3	.78496	.32928	-.00052	-.00259	.00755	-.0026	.03455	2.6435

Sample Name: K3511-06LX5 Acquired: 6/25/2019 19:33:48 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120894BL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .55548
%RSD 222.34

#1 -.81498
#2 .29544
#3 -.22995

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.1	26962.	2341.4	39.501	2430.6
Stddev	3.6	54.	27.1	.830	2.2
%RSD	.16071	.19898	1.1587	2.1007	.09180

#1	2210.9	26930.	2320.1	40.250	2429.5
#2	2213.4	27024.	2332.0	38.609	2429.0
#3	2217.9	26932.	2371.9	39.643	2433.1

Sample Name: K3511-06MS Acquired: 6/25/2019 19:38:17 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N43502MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72334	1.7900	.87560	1.8019	.74187	1.9587	.30452	.18622
Stddev	.00231	.0064	.00275	.0076	.00420	.0272	.00221	.00056
%RSD	.31876	.35930	.31424	.42188	.56571	1.3875	.72560	.30328
#1	.72356	1.7832	.87273	1.8053	.74474	1.9896	.30440	.18596
#2	.72093	1.7959	.87822	1.8073	.74381	1.9482	.30679	.18687
#3	.72552	1.7911	.87587	1.7932	.73705	1.9384	.30237	.18584
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17792	24.092	.38044	.18362	.28776	2.8812	.22967	7.4589
Stddev	.00045	.188	.00097	.00077	.00083	.0059	.00071	.0255
%RSD	.25296	.77834	.25401	.41792	.28894	.20621	.30937	.34141
#1	.17748	23.989	.37943	.18302	.28705	2.8781	.23049	7.4668
#2	.17838	23.979	.38136	.18335	.28867	2.8881	.22919	7.4794
#3	.17791	24.308	.38053	.18449	.28756	2.8775	.22935	7.4304
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45759	.06867	128.79	.29638	.19571	13.559	.39461	.38857
Stddev	.00190	.00048	.50	.00201	.00018	.132	.00139	.00834
%RSD	.41516	.70228	.38517	.67975	.09107	.97554	.35183	2.1455
#1	.45652	.06850	128.83	.29600	.19565	13.549	.39518	.39412
#2	.45979	.06921	129.27	.29856	.19592	13.696	.39561	.39262
#3	.45647	.06829	128.28	.29458	.19558	13.432	.39302	.37899
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9654	2.4254	.63664	.19219	.22282	5.582	.41347	4.5591
Stddev	.0125	.0204	.00314	.00207	.00364	.018	.00157	.0532
%RSD	.31516	.84183	.49248	1.0749	1.6354	.3185	.37914	1.1671
#1	3.9798	2.4057	.63302	.19002	.22039	5.587	.41296	4.5778
#2	3.9581	2.4240	.63847	.19241	.22106	5.596	.41222	4.6005
#3	3.9581	2.4465	.63843	.19413	.22701	5.562	.41523	4.4991

Sample Name: K3511-06MS Acquired: 6/25/2019 19:38:17 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N43502MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.30310
%RSD	57.763

#1	-.83680
#2	-.50592
#3	-.23147

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2133.3	26196.	2302.1	38.406	2252.9
Stddev	7.9	121.	27.2	.281	4.9
%RSD	.36957	.46294	1.1826	.73105	.21903

#1	2129.0	26095.	2303.3	38.085	2250.6
#2	2128.6	26163.	2328.8	38.608	2249.5
#3	2142.4	26331.	2274.3	38.523	2258.6

Sample Name: K3511-06MSD Acquired: 6/25/2019 19:42:24 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N43502MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72526	1.8164	.89100	1.8195	.75260	1.9685	.30496	.18769
Stddev	.00164	.0046	.00062	.0069	.00058	.0195	.00195	.00032
%RSD	.22629	.25512	.06941	.37976	.07720	.99230	.63940	.16881

#1	.72340	1.8123	.89121	1.8274	.75255	1.9860	.30460	.18805
#2	.72588	1.8156	.89149	1.8148	.75320	1.9722	.30322	.18750
#3	.72651	1.8214	.89030	1.8161	.75204	1.9474	.30707	.18751

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18074	24.036	.38403	.18603	.29132	2.9206	.23189	7.3924
Stddev	.00043	.147	.00052	.00037	.00072	.0076	.00112	.0788
%RSD	.23626	.61019	.13437	.19926	.24748	.26172	.48387	1.0657

#1	.18118	23.898	.38359	.18628	.29132	2.9118	.23187	7.3402
#2	.18033	24.190	.38391	.18620	.29060	2.9249	.23078	7.3540
#3	.18070	24.021	.38460	.18561	.29204	2.9251	.23302	7.4830

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46259	.07008	128.94	.30128	.19766	13.662	.40009	.36480
Stddev	.00058	.00138	.36	.00164	.00066	.042	.00031	.01417
%RSD	.12479	1.9761	.28291	.54449	.33248	.31104	.07873	3.8857

#1	.46195	.06878	128.61	.29950	.19695	13.618	.40041	.35570
#2	.46275	.06992	128.88	.30161	.19824	13.664	.40008	.35756
#3	.46308	.07154	129.33	.30273	.19779	13.703	.39978	.38113

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9958	2.4407	.64957	.19037	.22416	5.656	.41352	4.8974
Stddev	.0042	.0182	.00077	.00317	.00217	.015	.00062	.1546
%RSD	.10380	.74792	.11906	1.6648	.96831	.2719	.15045	3.1563

#1	3.9965	2.4290	.65013	.19271	.22169	5.644	.41377	5.0614
#2	3.9913	2.4617	.64989	.19164	.22577	5.652	.41399	4.7543
#3	3.9995	2.4313	.64868	.18677	.22503	5.674	.41282	4.8767

Sample Name: K3511-06MSD Acquired: 6/25/2019 19:42:24 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: N43502MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.42822
%RSD	49.541

#1	-.41407
#2	-1.2664
#3	-.91263

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2119.3	26182.	2307.2	37.984	2230.0
Stddev	2.9	30.	18.8	2.459	2.2
%RSD	.13711	.11437	.81557	6.4730	.09774

#1	2115.9	26167.	2307.2	40.508	2228.8
#2	2121.3	26217.	2288.4	35.596	2228.6
#3	2120.6	26163.	2326.1	37.849	2232.5

Sample Name: K3511-06A Acquired: 6/25/2019 19:46:31 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120894BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72791	1.8208	.89243	1.8257	.75426	1.9956	.30786	.18894
Stddev	.00132	.0043	.00438	.0037	.00230	.0614	.00283	.00048
%RSD	.18171	.23546	.49115	.20143	.30503	3.0794	.91842	.25461

#1	.72643	1.8193	.89308	1.8235	.75264	1.9969	.30571	.18904
#2	.72897	1.8174	.88776	1.8299	.75689	2.0564	.31107	.18937
#3	.72833	1.8256	.89645	1.8237	.75325	1.9335	.30681	.18842

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18117	24.290	.38667	.18633	.29110	2.9262	.23295	7.4344
Stddev	.00041	.181	.00112	.00080	.00127	.0027	.00051	.0782
%RSD	.22517	.74580	.28847	.42680	.43690	.09391	.21964	1.0519

#1	.18115	24.116	.38779	.18650	.28996	2.9245	.23246	7.3890
#2	.18077	24.275	.38667	.18546	.29247	2.9246	.23348	7.5247
#3	.18159	24.478	.38556	.18703	.29086	2.9293	.23291	7.3895

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46528	.06992	130.06	.30093	.19862	13.773	.39827	.37505
Stddev	.00026	.00033	.34	.00170	.00065	.096	.00078	.00585
%RSD	.05610	.47079	.26018	.56369	.32714	.69770	.19481	1.5585

#1	.46541	.07030	129.98	.30287	.19838	13.721	.39738	.37779
#2	.46497	.06969	130.43	.30015	.19813	13.883	.39869	.36834
#3	.46544	.06977	129.77	.29976	.19936	13.713	.39875	.37902

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0093	2.4453	.64912	.19088	.22622	5.677	.41475	4.9897
Stddev	.0113	.0256	.00120	.00566	.00182	.022	.00467	.1031
%RSD	.28288	1.0486	.18427	2.9657	.80658	.3906	1.1272	2.0659

#1	4.0066	2.4455	.65033	.18558	.22507	5.690	.40936	4.8719
#2	3.9995	2.4196	.64794	.19023	.22528	5.651	.41768	5.0334
#3	4.0217	2.4709	.64909	.19684	.22833	5.689	.41722	5.0637

Sample Name: K3511-06A Acquired: 6/25/2019 19:46:31 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120894BS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.42691
%RSD	62.489

#1	-.65024
#2	-.27368
#3	-1.1256

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2115.0	25975.	2292.9	38.647	2222.8
Stddev	6.5	66.	29.1	.611	9.8
%RSD	.30711	.25407	1.2705	1.5811	.43935

#1	2108.9	25899.	2302.1	38.891	2215.9
#2	2121.8	26017.	2316.3	39.099	2234.0
#3	2114.2	26009.	2260.3	37.952	2218.6

Sample Name: K3156-06 Acquired: 6/25/2019 19:50:38 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-062419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00202	-.00140	.00223	.00521	-.00224	.17294	.14347	.00023
Stddev	.00227	.00195	.00140	.00127	.00162	.01845	.00012	.00015
%RSD	112.25	139.06	62.811	24.443	72.185	10.669	.08582	63.947

#1	.00025	.00074	.00102	.00388	-.00411	.15177	.14355	.00037
#2	-.00429	-.00308	.00191	.00641	-.00129	.18557	.14354	.00007
#3	-.00202	-.00187	.00377	.00533	-.00132	.18149	.14333	.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	26.097	-.00009	.00465	.00442	.10107	.59786	9.0562
Stddev	.00009	.248	.00016	.00027	.00036	.00010	.00476	.0576
%RSD	313.75	.95214	183.88	5.8360	8.2006	.09964	.79580	.63582

#1	.00012	26.306	.00005	.00494	.00461	.10095	.60094	9.0364
#2	-.00005	26.162	-.00005	.00440	.00400	.10111	.60026	9.0112
#3	.00002	25.822	-.00026	.00460	.00464	.10113	.59238	9.1211

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00676	.00096	319.53	-.00288	.02820	1.1504	-.00034	.01901
Stddev	.00011	.00011	3.52	.00045	.00012	.0325	.00022	.01851
%RSD	1.6921	11.840	1.1024	15.698	.41964	2.8207	64.158	97.370

#1	.00665	.00093	321.24	-.00248	.02831	1.1508	-.00058	.00017
#2	.00688	.00086	321.87	-.00337	.02821	1.1177	-.00015	.03717
#3	.00674	.00108	315.48	-.00280	.02808	1.1826	-.00030	.01969

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15488	.76180	.00119	-.00249	.00573	.0032	.06530	5.3325
Stddev	.00007	.01663	.00075	.00196	.00141	.0025	.00059	.2636
%RSD	.04653	2.1828	63.089	78.801	24.533	77.41	.90177	4.9437

#1	.15496	.77778	.00038	-.00095	.00440	.0014	.06572	5.6022
#2	.15487	.76303	.00186	-.00183	.00558	.0022	.06556	5.3198
#3	.15482	.74459	.00131	-.00470	.00720	.0060	.06463	5.0754

Sample Name: K3156-06 Acquired: 6/25/2019 19:50:38 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-02-062419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.84648
Stddev	.27553
%RSD	32.550

#1	.54615
#2	.90571
#3	1.0876

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2149.6	25779.	2343.6	38.428	2189.7
Stddev	12.7	217.	31.1	1.327	12.8
%RSD	.59022	.84314	1.3254	3.4527	.58542

#1	2142.3	25599.	2315.7	37.495	2181.2
#2	2164.3	25716.	2338.0	39.947	2204.4
#3	2142.3	26020.	2377.1	37.843	2183.3

Sample Name: CCV09 Acquired: 6/25/2019 19:55:06 Type: Unk
 Method: P4-ICP2(v3231) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7836	4.8381	4.6883	4.7953	4.8101	9.7364	9.6196	.24140
Stddev	.0153	.0047	.0150	.0138	.0067	.0986	.0379	.00083
%RSD	.32022	.09775	.31888	.28751	.13843	1.0130	.39375	.34345
#1	4.7941	4.8355	4.6716	4.8062	4.8047	9.6348	9.5765	.24224
#2	4.7661	4.8352	4.7004	4.7999	4.8082	9.7425	9.6352	.24136
#3	4.7908	4.8435	4.6929	4.7798	4.8176	9.8318	9.6472	.24059
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3682	23.992	.94319	2.3538	1.2022	4.8139	2.4192	23.393
Stddev	.0004	.053	.00123	.0021	.0033	.0066	.0027	.039
%RSD	.01870	.22066	.13083	.08873	.27661	.13599	.11329	.16480
#1	2.3678	24.030	.94180	2.3514	1.2048	4.8213	2.4222	23.392
#2	2.3682	23.931	.94416	2.3555	1.2033	4.8115	2.4183	23.355
#3	2.3686	24.014	.94361	2.3544	1.1984	4.8088	2.4170	23.432
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3664	1.1901	23.672	2.4038	2.3516	23.977	4.8091	4.7585
Stddev	.0016	.0026	.120	.0018	.0025	.139	.0087	.0171
%RSD	.06575	.21900	.50803	.07312	.10675	.57969	.18003	.35985
#1	2.3679	1.1919	23.539	2.4050	2.3503	23.823	4.8160	4.7392
#2	2.3666	1.1871	23.705	2.4046	2.3544	24.015	4.7994	4.7644
#3	2.3648	1.1913	23.773	2.4017	2.3499	24.093	4.8121	4.7719
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7634	4.6234	4.7129	4.7255	4.8111	4.900	5.1046	F 3.5549
Stddev	.0025	.0349	.0105	.0272	.0176	.003	.0218	.2562
%RSD	.05201	.75404	.22310	.57524	.36567	.0652	.42661	7.2080
#1	4.7611	4.6535	4.7251	4.7441	4.8216	4.903	5.1246	3.8392
#2	4.7660	4.5852	4.7077	4.6943	4.7908	4.896	5.0814	3.4839
#3	4.7631	4.6314	4.7061	4.7381	4.8209	4.901	5.1079	3.3417

Sample Name: CCV09 Acquired: 6/25/2019 19:55:06 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2245
Stddev	.1863
%RSD	8.3742

#1	2.4392
#2	2.1059
#3	2.1284

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2235.1	27491.	2398.0	38.521	2281.4
Stddev	5.6	23.	17.5	.889	3.5
%RSD	.24970	.08314	.72834	2.3069	.15473

#1	2228.6	27515.	2378.1	37.965	2277.8
#2	2238.8	27489.	2411.1	38.052	2281.6
#3	2237.8	27469.	2404.6	39.546	2284.9

Sample Name: CCB09 Acquired: 6/25/2019 19:59:05 Type: Unk
Method: P4-ICP2(v3231) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	-.00117	-.00397	.00443	-.00205	-.03125	.00059
Stddev	.00120	.00045	.00120	.00105	.00055	.02014	.00053
%RSD	401.33	38.204	30.303	23.758	26.553	64.431	89.802

#1	-.00138	-.00083	-.00536	.00325	-.00260	-.01143	.00107
#2	.00099	-.00100	-.00330	.00477	-.00151	-.03064	.00002
#3	-.00051	-.00168	-.00325	.00527	-.00205	-.05168	.00067

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00008	-.04045	-.00062	.00023	-.00056	-.00160
Stddev	.00007	.00009	.01181	.00033	.00019	.00039	.00041
%RSD	75.943	124.71	29.194	53.211	81.282	69.639	25.667

#1	.00002	.00009	-.02900	-.00088	.00043	-.00043	-.00113
#2	.00015	.00016	-.03975	-.00025	.00017	-.00025	-.00178
#3	.00010	-.00002	-.05258	-.00073	.00008	-.00100	-.00189

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.12423	.00212	.00085	.12579	-.00093	-.00082
Stddev	.00007	.02632	.00013	.00023	.01122	.00036	.00008
%RSD	2164.2	21.189	6.2015	27.256	8.9211	38.909	10.166

#1	.00000	-.14173	.00198	.00112	.13868	-.00121	-.00072
#2	.00007	-.13699	.00216	.00068	.11818	-.00105	-.00085
#3	-.00007	-.09396	.00223	.00076	.12052	-.00052	-.00088

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02189	.00048	.00817	-.00733	-.00539	-.00024	-.00432
Stddev	.00412	.00036	.00517	.00495	.00162	.00023	.00320
%RSD	18.828	75.117	63.280	67.549	29.959	96.613	74.035

#1	.02620	.00088	.00776	-.00586	-.00586	.00003	-.00784
#2	.01799	.00034	.00321	-.00328	-.00359	-.00036	-.00353
#3	.02148	.00021	.01353	-.01285	-.00672	-.00038	-.00159

Sample Name: CCB09 Acquired: 6/25/2019 19:59:05 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00336	-.0027	.00021	F 2.3432	F<.00000
Stddev	.00124	.0017	.00011	.2080	.22383
%RSD	36.955	63.11	52.049	8.8781	59.652
#1	.00194	-.0014	.00032	2.5723	-.43507
#2	.00389	-.0021	.00010	2.2911	-.12756
#3	.00426	-.0047	.00022	2.1662	-.56307
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2251.4	27686.	2348.9	39.267	2511.0
Stddev	3.1	90.	20.0	.614	5.7
%RSD	.13807	.32664	.85282	1.5642	.22625
#1	2252.7	27604.	2326.1	38.598	2515.3
#2	2253.8	27671.	2357.2	39.805	2513.1
#3	2247.9	27783.	2363.5	39.400	2504.6

Sample Name: K3156-06DUP Acquired: 6/25/2019 20:03:33 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-062419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00241	-.00099	.00220	.00477	-.00191	.16721	.14212	.00016
Stddev	.00238	.00025	.00019	.00294	.00366	.01448	.00179	.00013
%RSD	98.837	25.054	8.4583	61.682	191.84	8.6623	1.2568	83.250

#1	-.00126	-.00127	.00204	.00689	.00226	.15048	.14006	.00007
#2	-.00082	-.00083	.00216	.00141	-.00461	.17532	.14314	.00030
#3	-.00515	-.00086	.00240	.00602	-.00337	.17581	.14317	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	25.903	-.00025	.00494	.00409	.09724	.59126	8.8928
Stddev	.00003	.205	.00015	.00011	.00024	.00048	.00095	.1301
%RSD	115.93	.79294	60.908	2.1398	5.8432	.49168	.16053	1.4627

#1	-.00006	25.684	-.00033	.00505	.00429	.09696	.59016	8.7536
#2	-.00004	26.092	-.00034	.00493	.00382	.09696	.59176	8.9137
#3	.00001	25.932	-.00007	.00484	.00415	.09779	.59186	9.0112

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00669	.00101	316.19	-.00278	.02872	1.0727	-.00001	.01320
Stddev	.00029	.00027	1.86	.00057	.00014	.0415	.00020	.01145
%RSD	4.3641	26.406	.58699	20.475	.48325	3.8685	3287.9	86.750

#1	.00652	.00099	314.92	-.00220	.02872	1.0827	-.00020	.02521
#2	.00652	.00129	315.33	-.00279	.02858	1.0271	.00020	.00241
#3	.00702	.00076	318.32	-.00334	.02886	1.1083	-.00001	.01199

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15561	.75151	.00222	.00024	.00401	.0008	.06522	5.1239
Stddev	.00306	.01203	.00050	.00156	.00094	.0007	.00043	.1169
%RSD	1.9679	1.6010	22.655	663.46	23.460	92.41	.65987	2.2810

#1	.15842	.76408	.00279	.00149	.00488	.0008	.06476	5.2231
#2	.15235	.75033	.00188	-.00151	.00413	.0001	.06561	5.1536
#3	.15606	.74011	.00197	.00073	.00301	.0015	.06530	4.9951

Sample Name: K3156-06DUP Acquired: 6/25/2019 20:03:33 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-02-062419 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .44353
 Stddev .18377
 %RSD 41.434

#1 .42455
 #2 .26998
 #3 .63605

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2121.1	25843.	2345.6	38.005	2155.5
Stddev	18.3	58.	14.9	.560	21.3
%RSD	.86432	.22282	.63320	1.4730	.98653

#1	2100.8	25909.	2337.0	37.839	2132.9
#2	2125.9	25808.	2337.1	37.548	2158.4
#3	2136.5	25811.	2362.7	38.630	2175.1

Sample Name: K3156-06LX5 Acquired: 6/25/2019 20:08:06 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15175 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00355	-.00064	-.00146	.00550	-.00251	.04105	.02867	.00011
Stddev	.00284	.00066	.00102	.00302	.00063	.00396	.00012	.00005
%RSD	80.112	102.59	70.099	54.985	25.036	9.6539	.41745	45.704

#1	-.00178	-.00140	-.00198	.00287	-.00323	.03724	.02867	.00007
#2	-.00204	-.00031	-.00028	.00881	-.00207	.04076	.02879	.00010
#3	-.00683	-.00022	-.00212	.00482	-.00223	.04514	.02855	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	5.3017	-.00018	.00119	.00011	.01849	.12256	1.6311
Stddev	.00017	.1126	.00027	.00030	.00033	.00055	.00082	.0701
%RSD	3337.5	2.1234	143.74	25.373	284.79	2.9916	.67141	4.2999

#1	-.00003	5.2293	-.00007	.00145	-.00019	.01911	.12349	1.7115
#2	-.00014	5.4314	-.00049	.00127	.00046	.01805	.12229	1.6000
#3	.00019	5.2444	.00001	.00086	.00008	.01832	.12192	1.5820

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00265	.00058	61.970	-.00106	.00514	.26641	-.00029	.01841
Stddev	.00077	.00024	.245	.00031	.00015	.00265	.00018	.01518
%RSD	29.020	40.749	.39463	29.128	2.8931	.99465	61.420	82.491

#1	.00188	.00086	62.251	-.00123	.00505	.26544	-.00011	.01697
#2	.00341	.00045	61.858	-.00070	.00506	.26439	-.00030	.03426
#3	.00265	.00044	61.802	-.00124	.00531	.26941	-.00047	.00399

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02462	.15476	-.00031	-.00179	.00286	-.0021	.01325	2.9843
Stddev	.00568	.00357	.00039	.00291	.00225	.0014	.00027	.0582
%RSD	23.063	2.3053	126.65	162.79	78.462	64.75	2.0249	1.9517

#1	.03114	.15347	.00008	-.00442	.00470	-.0035	.01324	3.0140
#2	.02079	.15880	-.00070	-.00227	.00036	-.0008	.01353	3.0216
#3	.02193	.15203	-.00030	.00133	.00354	-.0021	.01299	2.9172

Sample Name: K3156-06LX5 Acquired: 6/25/2019 20:08:06 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15175 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .34574
%RSD 163.60

#1 -.13909
#2 .09259
#3 -.58748

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2232.2	27280.	2363.5	39.621	2385.8
Stddev	7.1	203.	34.0	2.308	4.7
%RSD	.31981	.74327	1.4370	5.8257	.19533

#1	2231.0	27051.	2378.2	38.169	2385.5
#2	2225.8	27350.	2324.6	38.411	2381.3
#3	2239.9	27438.	2387.6	42.282	2390.6

Sample Name: K3156-06MS Acquired: 6/25/2019 20:12:34 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-062419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71569	1.7542	.87464	1.8342	.70934	2.1066	.34481	.18484
Stddev	.01014	.0269	.01148	.0110	.00680	.0150	.00189	.00032
%RSD	1.4166	1.5312	1.3128	.59793	.95837	.71081	.54806	.17394
#1	.71098	1.7392	.87028	1.8263	.70690	2.0991	.34303	.18481
#2	.70876	1.7383	.86597	1.8295	.70409	2.0969	.34680	.18517
#3	.72732	1.7852	.88766	1.8467	.71702	2.1238	.34461	.18453
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18020	27.658	.37339	.18829	.28020	2.9024	.79947	11.037
Stddev	.00217	.040	.00090	.00251	.00287	.0163	.00270	.054
%RSD	1.2052	.14552	.24090	1.3352	1.0237	.56174	.33804	.48977
#1	.17890	27.629	.37435	.18684	.27900	2.9098	.80075	11.026
#2	.17899	27.704	.37326	.18684	.27813	2.9137	.80130	11.095
#3	.18271	27.641	.37256	.19119	.28347	2.8837	.79637	10.989
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46381	.06844	322.33	.29078	.22244	11.494	.37663	.29106
Stddev	.00608	.00025	1.41	.00179	.00280	.066	.00390	.02509
%RSD	1.3113	.36267	.43796	.61481	1.2581	.57629	1.0364	8.6207
#1	.46090	.06819	320.99	.28882	.22070	11.424	.37563	.26506
#2	.45973	.06868	323.81	.29232	.22095	11.556	.37332	.31513
#3	.47080	.06845	322.18	.29120	.22567	11.502	.38093	.29299
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19616	1.5249	.62371	.18493	.20959	5.744	.30189	3.4546
Stddev	.00322	.0080	.00992	.00553	.00301	.086	.00077	.1669
%RSD	1.6420	.52215	1.5911	2.9904	1.4375	1.498	.25596	4.8318
#1	.19660	1.5279	.62079	.18647	.20640	5.700	.30251	3.5591
#2	.19274	1.5309	.61557	.18953	.21239	5.689	.30213	3.5427
#3	.19914	1.5158	.63477	.17879	.20997	5.843	.30102	3.2621

Sample Name: K3156-06MS Acquired: 6/25/2019 20:12:34 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-02-062419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.24718
%RSD	66.819

#1	-.59850
#2	-.40369
#3	-.10760

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2237.4	27647.	2482.9	39.723	2285.8
Stddev	20.9	188.	23.3	1.947	28.3
%RSD	.93335	.68001	.93928	4.9005	1.2368

#1	2250.6	27500.	2459.9	38.268	2303.9
#2	2248.3	27583.	2482.5	38.966	2300.3
#3	2213.3	27859.	2506.5	41.934	2253.2

Sample Name: K3156-06MSD Acquired: 6/25/2019 20:16:52 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-02-062419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75212	1.8585	.92259	1.9281	.74017	2.2138	.35737	.19386
Stddev	.01223	.0202	.00916	.0229	.00725	.0281	.00123	.00094
%RSD	1.6264	1.0840	.99331	1.1873	.97894	1.2710	.34329	.48407
#1	.74415	1.8402	.91505	1.9201	.73412	2.1817	.35642	.19494
#2	.74601	1.8551	.91993	1.9103	.73819	2.2341	.35694	.19321
#3	.76621	1.8801	.93279	1.9539	.74820	2.2257	.35876	.19345
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19028	27.861	.39307	.19883	.29623	3.0440	.82195	11.142
Stddev	.00227	.092	.00084	.00236	.00311	.0008	.00191	.187
%RSD	1.1938	.33037	.21314	1.1859	1.0491	.02753	.23278	1.6814
#1	.18858	27.867	.39281	.19730	.29450	3.0443	.82312	11.012
#2	.18940	27.767	.39401	.19766	.29438	3.0430	.82298	11.058
#3	.19286	27.951	.39240	.20155	.29982	3.0446	.81974	11.357
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48848	.07214	326.30	.30427	.23231	12.167	.39384	.32493
Stddev	.00444	.00084	.54	.00276	.00271	.104	.00373	.01330
%RSD	.90988	1.1686	.16507	.90544	1.1655	.85473	.94673	4.0929
#1	.48569	.07134	325.69	.30161	.23017	12.050	.39262	.31761
#2	.48615	.07302	326.71	.30711	.23140	12.248	.39088	.34029
#3	.49361	.07207	326.50	.30409	.23535	12.204	.39803	.31691
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21804	1.5457	.65328	.19116	.21984	6.063	.31391	4.2727
Stddev	.00427	.0067	.00806	.00369	.00322	.072	.00138	.1412
%RSD	1.9593	.43127	1.2334	1.9322	1.4660	1.193	.43822	3.3036
#1	.21852	1.5530	.64592	.18822	.21674	6.002	.31456	4.1656
#2	.21355	1.5400	.65202	.18995	.21960	6.043	.31233	4.2199
#3	.22206	1.5441	.66189	.19530	.22318	6.143	.31484	4.4327

Sample Name: K3156-06MSD Acquired: 6/25/2019 20:16:52 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-02-062419 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.57147
%RSD	133.56

#1	-.01247
#2	-1.0796
#3	-.19153

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2187.7	26940.	2425.3	39.283	2230.6
Stddev	11.8	88.	22.4	1.088	16.0
%RSD	.53897	.32746	.92385	2.7693	.71647

#1	2198.0	26838.	2400.0	38.180	2247.1
#2	2190.1	26980.	2442.8	39.316	2229.5
#3	2174.8	27001.	2432.9	40.355	2215.2

Sample Name: K3156-06A Acquired: 6/25/2019 20:21:09 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15175 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77416	1.9163	.95146	1.9936	.76952	2.2458	.36129	.19465
Stddev	.00972	.0219	.01083	.0156	.01078	.0119	.00291	.00064
%RSD	1.2557	1.1428	1.1378	.77989	1.4014	.53046	.80649	.32656
#1	.76486	1.8923	.93942	1.9758	.75867	2.2373	.35987	.19393
#2	.78425	1.9352	.96038	2.0044	.78024	2.2594	.36464	.19489
#3	.77338	1.9213	.95458	2.0006	.76965	2.2407	.35936	.19514
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19671	28.539	.39407	.20544	.30516	3.0624	.83571	11.486
Stddev	.00267	.142	.00151	.00242	.00427	.0072	.00113	.035
%RSD	1.3574	.49617	.38196	1.1767	1.3982	.23535	.13540	.30749
#1	.19366	28.429	.39507	.20265	.30076	3.0615	.83471	11.454
#2	.19860	28.698	.39234	.20694	.30928	3.0557	.83549	11.524
#3	.19788	28.489	.39480	.20672	.30544	3.0700	.83694	11.480
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50374	.07120	335.59	.30751	.24082	12.223	.40552	.30844
Stddev	.00737	.00028	2.33	.00109	.00256	.091	.00525	.01356
%RSD	1.4638	.39814	.69446	.35579	1.0629	.74373	1.2937	4.3969
#1	.49530	.07148	333.84	.30871	.23793	12.140	.39998	.29280
#2	.50894	.07091	334.70	.30724	.24279	12.320	.41041	.31703
#3	.50697	.07120	338.24	.30658	.24175	12.208	.40617	.31547
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22193	1.5636	.67492	.19451	.22180	6.245	.31742	4.4431
Stddev	.00420	.0087	.00944	.00142	.00255	.080	.00133	.2842
%RSD	1.8924	.55655	1.3993	.73092	1.1480	1.273	.41746	6.3970
#1	.22068	1.5720	.66426	.19599	.21888	6.154	.31637	4.1153
#2	.22661	1.5547	.68226	.19438	.22355	6.301	.31891	4.6208
#3	.21850	1.5640	.67824	.19316	.22298	6.280	.31697	4.5932

Sample Name: K3156-06A Acquired: 6/25/2019 20:21:09 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15175 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.49229
%RSD	61.384

#1	-1.0692
#2	-1.1029
#3	-.23387

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2126.0	26802.	2418.2	39.309	2159.6
Stddev	23.1	80.	11.9	.982	23.9
%RSD	1.0888	.29790	.49044	2.4977	1.1081

#1	2147.1	26710.	2404.8	38.868	2184.4
#2	2101.2	26851.	2427.4	40.434	2136.6
#3	2129.6	26845.	2422.5	38.625	2157.7

Sample Name: K3475-01 Acquired: 6/25/2019 20:25:27 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOILS-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	-.00432	-.00138	.01183	.00658	-.00160	.06201	.23954	.00027
Stddev	.00416	.00199	.00101	.00292	.00187	.01149	.00073	.00007
%RSD	96.411	143.64	8.5728	44.394	117.01	18.528	.30419	24.605

#1	-.00621	-.00253	.01097	.00420	-.00346	.06829	.24028	.00029
#2	-.00719	-.00253	.01158	.00984	-.00163	.04875	.23882	.00032
#3	.00046	.00091	.01295	.00570	.00029	.06899	.23953	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	30.696	.00015	.00003	.01099	.00340	.26041	1.8222
Stddev	.00005	.105	.00071	.00009	.00034	.00122	.00105	.0819
%RSD	10.912	.34288	473.76	266.34	3.1362	35.899	.40445	4.4957

#1	.00046	30.665	.00089	.00011	.01089	.00264	.26156	1.8551
#2	.00045	30.609	.00009	-.00006	.01071	.00481	.26015	1.7289
#3	.00055	30.813	-.00053	.00005	.01138	.00276	.25950	1.8826

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00480	.00149	265.68	-.00225	.39409	1.3427	-.00025	.03434
Stddev	.00020	.00029	.65	.00022	.00125	.0432	.00008	.00845
%RSD	4.1017	19.550	.24566	9.7575	.31692	3.2156	30.984	24.598

#1	.00499	.00179	265.95	-.00250	.39269	1.3201	-.00017	.02622
#2	.00483	.00148	264.94	-.00210	.39448	1.3154	-.00032	.03374
#3	.00459	.00120	266.15	-.00215	.39509	1.3924	-.00026	.04308

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47917	.69169	.00113	-.00230	.00859	.0076	.18752	3.4809
Stddev	.00175	.00454	.00019	.00158	.00189	.0027	.00084	.5254
%RSD	.36544	.65627	16.738	68.865	22.028	35.91	.45052	15.094

#1	.47717	.68645	.00091	-.00409	.00784	.0099	.18701	3.9926
#2	.48042	.69422	.00125	-.00173	.01074	.0046	.18705	3.5073
#3	.47993	.69440	.00123	-.00108	.00719	.0084	.18850	2.9428

Sample Name: K3475-01 Acquired: 6/25/2019 20:25:27 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOILS-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .64597
 %RSD 402.18

#1 -.60714
 #2 -.45478
 #3 .58008

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2201.4	26932.	2459.0	39.108	2271.3
Stddev	11.1	126.	5.8	.282	14.2
%RSD	.50519	.46837	.23780	.72071	.62415

#1	2214.0	26803.	2455.3	39.289	2287.7
#2	2193.0	26936.	2456.0	38.784	2263.7
#3	2197.3	27056.	2465.7	39.252	2262.6

Sample Name: K3475-02 Acquired: 6/25/2019 20:29:52 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOILS-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	-.00378	-.00237	.00332	.00240	-.00245	.06842	.18552	.00013
Stddev	.00181	.00012	.00074	.00538	.00235	.02229	.00256	.00007
%RSD	47.909	5.0193	22.431	224.51	96.253	32.577	1.3804	54.105

#1	-.00286	-.00239	.00417	.00290	-.00251	.06880	.18260	.00018
#2	-.00261	-.00224	.00279	.00750	-.00006	.04594	.18654	.00005
#3	-.00587	-.00247	.00300	-.00322	-.00477	.09051	.18741	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	33.345	.00019	.00065	.00068	.00247	.27701	6.0492
Stddev	.00004	.109	.00022	.00030	.00044	.00078	.00040	.0124
%RSD	15.453	.32685	120.36	46.549	64.445	31.550	.14315	.20488

#1	.00023	33.230	.00008	.00098	.00079	.00308	.27656	6.0352
#2	.00031	33.360	.00003	.00056	.00019	.00159	.27732	6.0536
#3	.00031	33.446	.00044	.00040	.00104	.00275	.27714	6.0588

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00302	.00106	288.50	-.00175	.40197	1.3540	-.00026	.01583
Stddev	.00041	.00046	2.59	.00040	.00318	.0487	.00017	.01501
%RSD	13.540	43.697	.89712	22.918	.78998	3.5973	65.842	94.856

#1	.00344	.00107	285.70	-.00219	.40533	1.3051	-.00037	.00039
#2	.00301	.00152	289.00	-.00164	.40155	1.3546	-.00036	.01671
#3	.00262	.00059	290.81	-.00141	.39902	1.4025	-.00006	.03038

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21245	.86674	.00147	-.00673	.00732	.0028	.20694	4.1804
Stddev	.00401	.00324	.00059	.00163	.00255	.0018	.00096	.1875
%RSD	1.8884	.37384	40.115	24.284	34.871	63.87	.46426	4.4865

#1	.20820	.86335	.00167	-.00810	.00759	.0035	.20593	4.3665
#2	.21297	.86707	.00080	-.00492	.00464	.0043	.20707	3.9914
#3	.21617	.86980	.00192	-.00715	.00973	.0008	.20784	4.1831

Sample Name: K3475-02 Acquired: 6/25/2019 20:29:52 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOILS-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .35879
 Stddev .22379
 %RSD 62.374

#1 .45849
 #2 .51541
 #3 .10247

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2162.8	26485.	2417.1	38.265	2230.1
Stddev	23.3	97.	4.6	1.591	24.3
%RSD	1.0774	.36658	.18965	4.1570	1.0910

#1	2137.6	26579.	2411.9	36.943	2204.6
#2	2167.1	26491.	2419.2	40.030	2232.4
#3	2183.6	26385.	2420.3	37.821	2253.1

Sample Name: K3475-03 Acquired: 6/25/2019 20:34:16 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOILS-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	-.00284	-.00312	.00281	.00386	-.00272	.04272	.17122	.00014
Stddev	.00110	.00039	.00094	.00187	.00157	.01420	.00057	.00004
%RSD	38.678	12.336	33.250	48.592	57.642	33.228	.33300	28.682

#1	-.00238	-.00351	.00175	.00595	-.00404	.03095	.17122	.00013
#2	-.00410	-.00274	.00319	.00233	-.00099	.03873	.17066	.00018
#3	-.00205	-.00311	.00350	.00330	-.00315	.05849	.17180	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	13.921	.00022	.00014	.00937	.00754	.15866	1.5238
Stddev	.00005	.077	.00039	.00025	.00016	.00038	.00066	.0606
%RSD	42.144	.55497	178.26	176.50	1.6822	4.9936	.41338	3.9746

#1	.00007	13.856	.00063	-.00011	.00926	.00775	.15803	1.4825
#2	.00017	14.006	.00018	.00015	.00955	.00711	.15934	1.4956
#3	.00013	13.899	-.00015	.00040	.00930	.00777	.15861	1.5933

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00402	.00129	302.89	-.00118	.10860	1.0560	-.00017	.02814
Stddev	.00027	.00025	.58	.00034	.00023	.0324	.00032	.00687
%RSD	6.6492	19.592	.19110	28.504	.20944	3.0647	185.32	24.433

#1	.00427	.00158	302.82	-.00126	.10863	1.0187	-.00021	.03585
#2	.00374	.00113	303.51	-.00081	.10837	1.0738	-.00046	.02592
#3	.00405	.00116	302.35	-.00147	.10882	1.0756	.00016	.02265

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45054	.68179	.00040	-.00430	.00654	.0208	.11493	2.9581
Stddev	.00506	.00328	.00032	.00255	.00046	.0008	.00044	.3369
%RSD	1.1241	.48123	80.012	59.176	6.9941	3.917	.38399	11.388

#1	.45304	.68174	.00010	-.00570	.00620	.0199	.11475	2.6132
#2	.45387	.68510	.00036	-.00136	.00636	.0215	.11543	3.2863
#3	.44471	.67854	.00073	-.00584	.00706	.0208	.11460	2.9747

Sample Name: K3475-03 Acquired: 6/25/2019 20:34:16 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOILS-3 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .23942
 %RSD 215.01

#1 -.19888
 #2 .15951
 #3 -.29470

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2231.3	27261.	2510.0	41.141	2304.0
Stddev	8.6	49.	12.7	1.557	11.1
%RSD	.38456	.17845	.50482	3.7849	.48177

#1	2233.6	27264.	2504.7	41.224	2309.4
#2	2238.5	27308.	2500.8	39.544	2311.4
#3	2221.8	27211.	2524.4	42.655	2291.2

Sample Name: K3475-04 Acquired: 6/25/2019 20:38:44 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOILS-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	-.00114	-.00182	.00160	.00422	-.00320	.03920	.15388	.00005
Stddev	.00136	.00085	.00017	.00106	.00068	.02406	.00041	.00010
%RSD	119.84	46.808	10.464	25.125	21.272	61.376	.26917	203.23

#1	-.00198	-.00240	.00155	.00304	-.00287	.02733	.15435	.00016
#2	-.00186	-.00222	.00179	.00453	-.00275	.06689	.15357	-.00003
#3	.00043	-.00084	.00146	.00509	-.00398	.02338	.15372	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	9.7335	.00002	.00076	.00455	.00973	.28135	1.6203
Stddev	.00008	.0751	.00044	.00016	.00017	.00115	.00053	.1005
%RSD	63.413	.77107	2152.3	20.653	3.7532	11.817	.18774	6.2026

#1	.00019	9.6622	.00052	.00084	.00437	.00986	.28155	1.5427
#2	.00004	9.7264	-.00027	.00087	.00458	.00852	.28076	1.7338
#3	.00016	9.8118	-.00019	.00058	.00471	.01080	.28175	1.5843

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00341	.00112	283.95	-.00196	.09370	1.2182	-.00011	.03336
Stddev	.00028	.00045	.23	.00015	.00027	.0151	.00051	.00888
%RSD	8.0808	39.854	.07999	7.7225	.28846	1.2389	447.82	26.628

#1	.00356	.00158	284.21	-.00180	.09340	1.2032	.00046	.03160
#2	.00309	.00069	283.83	-.00210	.09380	1.2179	-.00052	.02548
#3	.00358	.00109	283.81	-.00198	.09392	1.2334	-.00028	.04298

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21879	.60300	.00056	-.00166	.00679	.0249	.09005	4.1601
Stddev	.00550	.00524	.00051	.00108	.00124	.0008	.00063	.1403
%RSD	2.5149	.86928	91.219	65.325	18.227	3.363	.69555	3.3732

#1	.21877	.59695	.00113	-.00164	.00553	.0242	.08942	4.3093
#2	.21329	.60615	.00013	-.00274	.00685	.0246	.09006	4.0308
#3	.22429	.60590	.00043	-.00058	.00800	.0258	.09067	4.1403

Sample Name: K3475-04 Acquired: 6/25/2019 20:38:44 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOILS-4 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .03697
 %RSD 12.172

#1 -.29873
 #2 -.26949
 #3 -.34292

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2189.3	26236.	2375.7	38.502	2262.8
Stddev	5.9	149.	2.9	.806	2.9
%RSD	.26968	.56971	.12286	2.0928	.12714

#1	2184.0	26094.	2376.1	38.597	2260.0
#2	2195.7	26222.	2372.6	37.652	2265.8
#3	2188.2	26392.	2378.4	39.255	2262.7

Sample Name: K3503-01 Acquired: 6/25/2019 20:43:10 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00475	-.00139	-.00166	.00440	-.00122	.09771	.14821	.00015
Stddev	.00108	.00233	.00091	.00028	.00076	.01582	.00134	.00003
%RSD	22.779	167.33	54.768	6.4209	62.327	16.187	.90266	18.110

#1	-.00361	.00056	-.00160	.00417	-.00106	.08698	.14719	.00014
#2	-.00488	-.00397	-.00261	.00472	-.00205	.11587	.14771	.00013
#3	-.00576	-.00076	-.00079	.00433	-.00055	.09027	.14973	.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	26.697	.00314	.00019	-.00034	.51118	.18808	2.1617
Stddev	.00008	.145	.00042	.00029	.00019	.00335	.00110	.0245
%RSD	35.068	.54290	13.233	158.94	55.662	.65579	.58717	1.1328

#1	-.00014	26.864	.00311	-.00015	-.00051	.51493	.18898	2.1429
#2	-.00026	26.618	.00356	.00041	-.00014	.50845	.18685	2.1527
#3	-.00029	26.608	.00273	.00029	-.00036	.51018	.18843	2.1894

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00135	.00127	230.16	-.00160	2.3866	.92032	-.00077	.05897
Stddev	.00028	.00037	1.31	.00012	.0049	.02587	.00031	.01418
%RSD	20.888	29.467	.56913	7.5075	.20636	2.8105	40.061	24.054

#1	.00144	.00125	228.81	-.00151	2.3815	.89972	-.00083	.04768
#2	.00157	.00090	230.24	-.00174	2.3913	.91189	-.00044	.05433
#3	.00103	.00165	231.43	-.00156	2.3872	.94935	-.00105	.07489

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61946	1.0541	-.00012	-.00241	.00703	.1111	.12140	3.7742
Stddev	.00772	.0118	.00015	.00161	.00115	.0032	.00044	.1966
%RSD	1.2466	1.1240	131.05	66.752	16.317	2.900	.36467	5.2103

#1	.61906	1.0667	-.00010	-.00093	.00746	.1122	.12170	3.5884
#2	.61194	1.0432	.00002	-.00413	.00789	.1136	.12089	3.9801
#3	.62737	1.0523	-.00028	-.00218	.00572	.1075	.12161	3.7542

Sample Name: K3503-01 Acquired: 6/25/2019 20:43:10 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .11726
 %RSD 2371.6

#1 -.00500
 #2 .11234
 #3 -.12218

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2154.8	26622.	2392.8	37.509	2235.8
Stddev	8.9	57.	16.4	1.063	8.3
%RSD	.41475	.21291	.68517	2.8345	.37143

#1	2153.8	26628.	2373.9	36.614	2230.6
#2	2146.4	26675.	2401.2	37.228	2231.4
#3	2164.2	26562.	2403.2	38.684	2245.4

Sample Name: CCV10 Acquired: 6/25/2019 20:47:33 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7245	4.7856	4.6395	4.7231	4.7426	9.5541	9.4577	.23823
Stddev	.0067	.0125	.0026	.0106	.0083	.1586	.0909	.00032
%RSD	.14244	.26039	.05497	.22328	.17553	1.6603	.96112	.13299
#1	4.7300	4.7963	4.6399	4.7152	4.7468	9.3713	9.3551	.23833
#2	4.7170	4.7887	4.6368	4.7350	4.7330	9.6562	9.5280	.23849
#3	4.7264	4.7719	4.6418	4.7190	4.7479	9.6347	9.4900	.23788
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3421	23.434	.93709	2.3260	1.1893	4.7549	2.3894	23.150
Stddev	.0033	.727	.00170	.0014	.0052	.0024	.0018	.259
%RSD	.13925	3.1004	.18097	.06222	.43877	.04975	.07586	1.1200
#1	2.3437	22.596	.93681	2.3277	1.1930	4.7546	2.3886	22.852
#2	2.3384	23.831	.93891	2.3250	1.1834	4.7574	2.3881	23.272
#3	2.3443	23.877	.93556	2.3253	1.1916	4.7527	2.3914	23.325
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3385	1.1791	23.305	2.3769	2.3220	23.718	4.7649	4.7398
Stddev	.0045	.0025	.214	.0046	.0037	.190	.0051	.0442
%RSD	.19260	.20917	.91818	.19242	.15746	.80169	.10782	.93328
#1	2.3405	1.1804	23.064	2.3716	2.3222	23.509	4.7706	4.6888
#2	2.3333	1.1806	23.473	2.3798	2.3182	23.880	4.7635	4.7618
#3	2.3416	1.1762	23.379	2.3792	2.3255	23.767	4.7607	4.7686
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6788	4.5147	4.6523	4.6263	4.6993	4.836	4.9661	F 3.0303
Stddev	.0107	.0974	.0032	.1448	.1354	.012	.1420	.2106
%RSD	.22817	2.1586	.06984	3.1303	2.8808	.2401	2.8585	6.9509
#1	4.6778	4.4035	4.6543	4.4595	4.5439	4.846	4.8026	3.1281
#2	4.6900	4.5852	4.6540	4.7199	4.7923	4.839	5.0581	2.7885
#3	4.6687	4.5553	4.6485	4.6996	4.7616	4.823	5.0377	3.1742

Sample Name: CCV10 Acquired: 6/25/2019 20:47:33 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3693
Stddev .0352
%RSD 1.4852

#1 2.3290
#2 2.3937
#3 2.3852

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2241.5	27522.	2420.4	38.515	2289.6
Stddev	4.5	25.	48.9	.116	5.7
%RSD	.20221	.09225	2.0194	.30166	.24695

#1	2236.9	27532.	2476.4	38.612	2283.1
#2	2241.6	27493.	2386.4	38.387	2292.0
#3	2245.9	27540.	2398.4	38.547	2293.6

Sample Name: CCB10 Acquired: 6/25/2019 20:51:31 Type: Unk
Method: P4-ICP2(v3231) 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	-.00088	-.00010	-.00460	.00332	-.00239	-.01802	.00153
Stddev	.00134	.00074	.00146	.00293	.00150	.01475	.00005
%RSD	153.15	758.00	31.654	88.290	62.843	81.871	3.0475

#1	.00045	-.00086	-.00293	.00363	-.00341	-.00847	.00151
#2	-.00084	.00063	-.00529	.00609	-.00067	-.03501	.00158
#3	-.00224	-.00007	-.00559	.00025	-.00310	-.01058	.00150

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00011	-.01084	-.00045	.00034	-.00045	-.00119
Stddev	.00008	.00010	.01960	.00018	.00033	.00025	.00064
%RSD	119.39	89.963	180.83	40.476	98.484	56.214	53.974

#1	.00007	.00022	.00925	-.00066	.00069	-.00016	-.00191
#2	-.00001	.00008	-.01185	-.00032	.00003	-.00059	-.00102
#3	.00015	.00003	-.02991	-.00037	.00029	-.00060	-.00065

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.04486	.00257	.00110	.20375	-.00013	-.00078
Stddev	.00002	.02488	.00013	.00041	.01918	.00049	.00006
%RSD	52.174	55.445	5.1434	37.559	9.4147	368.05	8.2347

#1	.00005	-.05008	.00264	.00144	.18816	-.00016	-.00073
#2	.00006	-.01779	.00242	.00064	.22517	-.00061	-.00075
#3	.00002	-.06672	.00265	.00123	.19791	.00037	-.00085

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03676	.00031	.00290	-.00864	-.00665	.00001	-.00046
Stddev	.01650	.00016	.01903	.00323	.00089	.00048	.00325
%RSD	44.876	51.694	655.86	37.357	13.452	3806.2	710.01

#1	.03431	.00014	-.00310	-.00589	-.00762	.00040	.00019
#2	.05434	.00032	.02422	-.00784	-.00645	.00016	.00242
#3	.02162	.00046	-.01241	-.01219	-.00587	-.00052	-.00398

Sample Name: CCB10 Acquired: 6/25/2019 20:51:31 Type: Unk
 Method: P4-ICP2(v3231) 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	.00332	-.0008	.00002	F 1.9186	F<.00000
Stddev	.00183	.0028	.00014	.2007	.23982
%RSD	54.981	348.2	560.90	10.460	61.766
#1	.00375	-.0040	.00018	1.6887	-.63301
#2	.00132	.0010	-.00008	2.0588	-.37812
#3	.00490	.0006	-.00002	2.0084	-.15369
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2280.7	28028.	2383.4	39.259	2547.2
Stddev	8.0	27.	13.9	.760	10.0
%RSD	.35204	.09765	.58265	1.9356	.39242
#1	2273.2	27999.	2367.7	38.805	2536.8
#2	2279.8	28053.	2388.6	40.136	2548.1
#3	2289.1	28032.	2394.0	38.836	2556.7

Sample Name: K3510-02 Acquired: 6/25/2019 20:56:00 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TR-04-062419 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00055	-.00207	.00233	.00856	-.00224	.11207	.06874	-.00003
Stddev	.00145	.00088	.00114	.00316	.00120	.02183	.00066	.00008
%RSD	265.03	42.510	48.853	36.919	53.839	19.478	.96210	270.60

#1	.00091	-.00131	.00102	.00532	-.00085	.08696	.06922	.00004
#2	-.00056	-.00187	.00300	.01164	-.00306	.12658	.06900	-.00002
#3	-.00199	-.00304	.00299	.00871	-.00279	.12266	.06798	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	4.1063	.00030	.00037	.00243	.06426	.01248	.63017
Stddev	.00006	.0219	.00054	.00017	.00042	.00091	.00007	.08130
%RSD	46.201	.53356	178.52	46.396	17.389	1.4187	.54403	12.901

#1	.00012	4.0885	.00009	.00023	.00231	.06446	.01249	.53777
#2	.00018	4.1308	-.00010	.00056	.00290	.06326	.01240	.69075
#3	.00007	4.0997	.00091	.00032	.00208	.06505	.01253	.66197

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00205	.00128	255.40	-.00097	.02510	.47957	.00016	.01333
Stddev	.00064	.00059	.58	.00051	.00012	.01947	.00010	.00785
%RSD	31.065	46.551	.22684	52.568	.46453	4.0606	60.646	58.891

#1	.00210	.00196	254.82	-.00142	.02518	.47765	.00015	.02084
#2	.00139	.00086	255.41	-.00042	.02516	.46112	.00026	.01396
#3	.00266	.00101	255.98	-.00108	.02497	.49993	.00007	.00518

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06971	.26309	.00034	.00009	.00382	.0058	.02907	3.1621
Stddev	.00275	.00047	.00022	.00148	.00042	.0015	.00016	.1431
%RSD	3.9523	.17797	65.591	1710.1	11.008	25.34	.54328	4.5258

#1	.06746	.26265	.00011	-.00050	.00430	.0044	.02893	3.1877
#2	.07278	.26303	.00056	.00177	.00358	.0073	.02904	3.0079
#3	.06887	.26358	.00036	-.00102	.00357	.0057	.02924	3.2906

Sample Name: K3510-02 Acquired: 6/25/2019 20:56:00 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TR-04-062419 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .14481
 %RSD 29.289

#1 -.33327
 #2 -.53637
 #3 -.61364

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2202.7	26845.	2405.7	37.547	2286.5
Stddev	3.0	28.	7.1	1.564	4.6
%RSD	.13523	.10249	.29628	4.1660	.20218

#1	2200.4	26814.	2402.6	37.895	2284.8
#2	2206.1	26851.	2400.6	38.907	2282.9
#3	2201.6	26869.	2413.9	35.838	2291.7

Sample Name: K3511-02 Acquired: 6/25/2019 21:00:29 Type: Unk

Method: P4-ICP2(v3231) 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	-.00337	-.00200	.01422	.00403	-.00241	.16375	.08588	.00000
Stddev	.00184	.00054	.00164	.00136	.00147	.01704	.00088	.00008
%RSD	54.636	27.275	11.542	33.749	60.842	10.408	1.0226	2052.7

#1	-.00321	-.00167	.01541	.00360	-.00186	.16771	.08487	-.00009
#2	-.00528	-.00170	.01491	.00556	-.00130	.14508	.08648	.00008
#3	-.00161	-.00263	.01235	.00294	-.00408	.17848	.08628	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	16.465	.00057	.00109	.00581	.09426	.35895	3.2265
Stddev	.00004	.032	.00043	.00022	.00032	.00025	.00072	.0211
%RSD	22.948	.19184	76.090	20.337	5.5927	.26302	.19971	.65343

#1	-.00021	16.445	.00049	.00134	.00551	.09397	.35938	3.2071
#2	-.00013	16.501	.00104	.00091	.00575	.09439	.35812	3.2235
#3	-.00017	16.448	.00018	.00102	.00615	.09441	.35934	3.2490

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00133	.00163	303.03	-.00176	.04706	.61403	-.00012	.02981
Stddev	.00046	.00015	1.84	.00050	.00037	.02438	.00026	.01204
%RSD	34.535	9.0189	.60750	28.109	.78014	3.9699	219.00	40.392

#1	.00142	.00168	300.99	-.00160	.04745	.58800	.00006	.03881
#2	.00083	.00146	303.55	-.00137	.04700	.61774	-.00042	.03450
#3	.00173	.00174	304.56	-.00232	.04673	.63633	.00001	.01613

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21391	.69324	.00050	-.00058	.00702	.0209	.07318	3.8304
Stddev	.00294	.01223	.00059	.00128	.00104	.0023	.00044	.1857
%RSD	1.3767	1.7638	116.04	218.89	14.820	10.87	.59464	4.8479

#1	.21472	.70595	.00075	.00069	.00587	.0216	.07323	3.6391
#2	.21637	.69223	-.00016	-.00186	.00728	.0227	.07359	3.8421
#3	.21065	.68155	.00093	-.00058	.00790	.0183	.07273	4.0100

Sample Name: K3511-02 Acquired: 6/25/2019 21:00:29 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .43248
 Stddev .43681
 %RSD 101.00

#1 -.06763
 #2 .73925
 #3 .62582

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2197.6	26568.	2396.2	39.419	2271.0
Stddev	15.9	33.	29.8	1.520	19.3
%RSD	.72485	.12373	1.2456	3.8552	.85173

#1	2181.0	26583.	2372.3	37.830	2253.3
#2	2199.0	26531.	2386.5	40.858	2268.0
#3	2212.8	26591.	2429.6	39.571	2291.6

Sample Name: K3511-04 Acquired: 6/25/2019 21:04:55 Type: Unk

Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000

User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	-.00246	.01974	.00486	-.00107	.18140	.15840	.00019
Stddev	.00133	.00055	.00190	.00040	.00106	.02684	.00138	.00004
%RSD	337.98	22.356	9.6294	8.2836	98.894	14.795	.86936	21.711

#1	-.00113	-.00305	.01782	.00447	.00015	.17896	.15701	.00018
#2	.00124	-.00196	.02163	.00527	-.00170	.15586	.15842	.00016
#3	.00107	-.00237	.01978	.00485	-.00167	.20937	.15977	.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	5.9753	.00053	.00474	.00466	3.2407	.33450	.91686
Stddev	.00003	.0462	.00033	.00025	.00046	.0138	.00040	.02151
%RSD	49.545	.77335	63.327	5.2133	9.9178	.42578	.11977	2.3461

#1	-.00003	6.0262	.00068	.00453	.00476	3.2302	.33421	.94165
#2	-.00008	5.9636	.00076	.00467	.00506	3.2355	.33434	.90320
#3	-.00009	5.9361	.00014	.00501	.00415	3.2563	.33496	.90572

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00445	.00094	318.42	-.00158	.07214	.85338	-.00011	.03571
Stddev	.00030	.00006	2.88	.00068	.00018	.00419	.00009	.01084
%RSD	6.6562	6.0581	.90317	42.878	.25385	.49065	81.828	30.360

#1	.00425	.00090	315.44	-.00195	.07195	.85012	-.00021	.04144
#2	.00431	.00091	318.63	-.00199	.07231	.85811	-.00006	.04249
#3	.00479	.00100	321.18	-.00080	.07216	.85193	-.00006	.02321

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20101	.39268	.00138	.00171	.01208	.0024	.03510	3.4122
Stddev	.00573	.01299	.00037	.00210	.00311	.0019	.00037	.4096
%RSD	2.8488	3.3086	27.044	123.28	25.722	80.12	1.0442	12.004

#1	.19475	.40430	.00163	.00394	.00850	.0024	.03552	3.7582
#2	.20230	.39508	.00155	-.00023	.01404	.0043	.03493	2.9599
#3	.20598	.37865	.00095	.00141	.01369	.0005	.03485	3.5185

Sample Name: K3511-04 Acquired: 6/25/2019 21:04:55 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .78671
 Stddev .43372
 %RSD 55.131

#1 .29037
 #2 1.0927
 #3 .97703

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2151.3	26621.	2393.7	38.717	2221.5
Stddev	9.7	131.	34.2	1.448	12.6
%RSD	.45147	.49222	1.4281	3.7405	.56931

#1	2159.3	26719.	2357.9	37.248	2233.6
#2	2140.5	26673.	2397.3	38.761	2208.4
#3	2154.0	26472.	2426.0	40.143	2222.5

Sample Name: K3512-04 Acquired: 6/25/2019 21:09:31 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00807	-.00301	.01513	.00723	-.00125	.14920	.29052	.00017
Stddev	.00269	.00066	.00026	.00331	.00104	.00310	.00217	.00001
%RSD	33.380	21.959	1.6862	45.797	83.532	2.0778	.74548	6.4652

#1	.00500	-.00261	.01529	.01064	-.00072	.15047	.29176	.00018
#2	.00915	-.00264	.01527	.00702	-.00245	.14566	.28802	.00016
#3	.01006	-.00377	.01484	.00402	-.00058	.15146	.29178	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	15.437	-.00037	.00391	.01013	.12280	1.9803	1.2626
Stddev	.00007	.048	.00025	.00011	.00055	.00083	.0057	.0028
%RSD	22.010	.31187	67.634	2.9219	5.4527	.67194	.28996	.22050

#1	.00034	15.385	-.00008	.00404	.00952	.12310	1.9814	1.2594
#2	.00033	15.447	-.00055	.00387	.01026	.12344	1.9854	1.2638
#3	.00022	15.480	-.00049	.00382	.01061	.12187	1.9740	1.2646

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00466	.00096	327.31	-.00775	.09482	1.1741	-.00022	.05877
Stddev	.00053	.00013	.83	.00030	.00021	.0284	.00047	.00924
%RSD	11.377	13.073	.25383	3.8232	.21916	2.4213	213.02	15.715

#1	.00489	.00110	328.24	-.00765	.09506	1.1773	.00026	.06441
#2	.00503	.00088	327.05	-.00808	.09469	1.1442	-.00024	.06379
#3	.00405	.00089	326.65	-.00751	.09472	1.2008	-.00069	.04811

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16534	.44491	.00122	.00101	.00612	.0024	.09323	4.7489
Stddev	.00207	.00436	.00040	.00100	.00183	.0015	.00012	.3244
%RSD	1.2492	.98070	32.912	99.552	29.890	61.01	.12417	6.8311

#1	.16753	.44764	.00137	.00129	.00485	.0015	.09323	4.5195
#2	.16342	.44720	.00153	.00184	.00531	.0041	.09335	5.1200
#3	.16507	.43987	.00077	-.00011	.00822	.0016	.09312	4.6071

Sample Name: K3512-04 Acquired: 6/25/2019 21:09:31 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-7 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .08598
 Stddev .11222
 %RSD 130.52

#1 -.03917
 #2 .17765
 #3 .11945

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2177.2	26032.	2323.2	37.754	2238.8
Stddev	12.6	136.	27.5	1.495	8.6
%RSD	.57864	.52250	1.1830	3.9592	.38624

#1	2162.7	25906.	2310.4	37.795	2229.3
#2	2186.0	26014.	2304.4	36.239	2240.9
#3	2182.8	26176.	2354.7	39.227	2246.3

Sample Name: K3512-08 Acquired: 6/25/2019 21:14:03 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SAMPLE-8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.00167	.00283	.00712	-.00166	.24272	.20610	.00022
Stddev	.00031	.00209	.00218	.00158	.00040	.01224	.00146	.00009
%RSD	326.91	124.64	77.026	22.171	24.280	5.0445	.71066	42.665

#1	.00026	.00023	.00169	.00544	-.00166	.22920	.20602	.00013
#2	-.00032	-.00134	.00534	.00857	-.00207	.24588	.20467	.00022
#3	-.00022	-.00390	.00146	.00736	-.00126	.25306	.20760	.00031

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	17.630	-.00008	.01235	.01231	.27467	1.4546	1.7421
Stddev	.00004	.157	.00015	.00025	.00029	.00102	.0028	.0426
%RSD	35.844	.89281	184.22	1.9868	2.3785	.37114	.19246	2.4465

#1	.00014	17.565	.00009	.01258	.01246	.27529	1.4579	1.7607
#2	.00013	17.809	-.00014	.01209	.01197	.27523	1.4533	1.7722
#3	.00007	17.515	-.00020	.01237	.01249	.27350	1.4527	1.6933

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00670	.00148	284.60	-.00660	.07447	.74529	-.00014	.01132
Stddev	.00043	.00016	1.30	.00016	.00050	.00817	.00034	.00828
%RSD	6.3463	10.682	.45609	2.4045	.67527	1.0959	249.34	73.190

#1	.00621	.00164	283.45	-.00664	.07504	.75453	-.00010	.02052
#2	.00695	.00133	284.36	-.00674	.07428	.73901	.00019	.00898
#3	.00694	.00146	286.01	-.00643	.07408	.74235	-.00050	.00445

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15244	.71033	.00115	.00170	.00742	.0013	.09747	3.9530
Stddev	.00344	.01509	.00121	.00248	.00125	.0011	.00036	.1314
%RSD	2.2577	2.1245	104.96	146.14	16.837	86.46	.37378	3.3247

#1	.15618	.71999	.00005	.00112	.00743	.0017	.09756	4.0750
#2	.15174	.71807	.00244	.00441	.00867	.0021	.09777	3.8139
#3	.14941	.69294	.00097	-.00045	.00617	.0000	.09706	3.9701

Sample Name: K3512-08 Acquired: 6/25/2019 21:14:03 Type: Unk
 Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SAMPLE-8 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .53206
 %RSD 4938.2

#1 .53716
 #2 -.04408
 #3 -.52540

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2195.4	26614.	2363.5	37.613	2264.6
Stddev	17.4	104.	27.1	.205	16.7
%RSD	.79087	.39108	1.1468	.54396	.73803

#1	2177.1	26502.	2343.2	37.820	2245.5
#2	2211.6	26634.	2353.0	37.608	2276.8
#3	2197.6	26707.	2394.3	37.411	2271.5

Sample Name: CCV11 Acquired: 6/25/2019 21:18:27 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7549	4.8201	4.6673	4.7450	4.7823	9.4722	9.3001	.23517
Stddev	.0115	.0084	.0108	.0138	.0108	.3077	.3268	.00979
%RSD	.24124	.17367	.23171	.29160	.22524	3.2482	3.5140	4.1640
#1	4.7445	4.8199	4.6688	4.7293	4.7737	9.5898	9.4760	.24147
#2	4.7672	4.8118	4.6558	4.7555	4.7944	9.7037	9.5012	.24015
#3	4.7531	4.8285	4.6772	4.7502	4.7788	9.1231	8.9230	.22389
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3583	23.980	.92340	2.3445	1.1994	4.6945	2.3602	22.842
Stddev	.0033	.085	.03878	.0045	.0030	.2008	.0981	.784
%RSD	.13938	.35355	4.1998	.19009	.25299	4.2762	4.1571	3.4324
#1	2.3550	23.884	.94416	2.3420	1.1960	4.8059	2.4169	23.360
#2	2.3584	24.014	.94738	2.3417	1.2017	4.8149	2.4169	23.225
#3	2.3616	24.043	.87865	2.3496	1.2007	4.4628	2.2469	21.940
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3564	1.1658	22.958	2.3431	2.3392	23.284	4.8029	4.6394
Stddev	.0017	.0428	.828	.0924	.0033	.737	.0104	.1189
%RSD	.07062	3.6729	3.6059	3.9423	.14268	3.1644	.21698	2.5629
#1	2.3576	1.1904	23.484	2.3955	2.3366	23.594	4.7908	4.6993
#2	2.3545	1.1906	23.387	2.3973	2.3380	23.815	4.8086	4.7165
#3	2.3572	1.1163	22.004	2.2364	2.3429	22.443	4.8092	4.5025
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6874	4.5767	4.6760	4.7393	4.7549	4.854	5.0459	F 2.4349
Stddev	.0055	.0336	.0092	.0204	.0199	.010	.0069	1.1317
%RSD	.11713	.73352	.19741	.42939	.41951	.2092	.13645	46.478
#1	4.6932	4.5529	4.6717	4.7444	4.7349	4.847	5.0380	3.1668
#2	4.6867	4.6151	4.6696	4.7169	4.7548	4.850	5.0494	3.0064
#3	4.6823	4.5622	4.6866	4.7566	4.7748	4.866	5.0504	1.1314

Sample Name: CCV11 Acquired: 6/25/2019 21:18:27 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.4374
Stddev .2831
%RSD 11.616

#1 2.3753
#2 2.7465
#3 2.1905

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2238.6	27973.	2383.2	38.651	2288.3
Stddev	8.8	1128.	6.4	.183	4.6
%RSD	.39364	4.0324	.26810	.47258	.20018

#1	2245.9	27279.	2377.1	38.862	2293.4
#2	2228.8	27365.	2382.9	38.557	2284.5
#3	2241.1	29274.	2389.8	38.535	2287.0

Sample Name: CCB11 Acquired: 6/25/2019 21:22:27 Type: Unk
Method: P4-ICP2(v3231) 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	-.00315	-.00004	-.00530	.00251	-.00307	-.03043	.00162	.00015
Stddev	.00212	.00029	.00051	.00175	.00046	.00748	.00082	.00009
%RSD	67.365	771.02	9.6450	69.776	15.030	24.581	50.181	60.965

#1	-.00557	-.00015	-.00501	.00125	-.00254	-.03884	.00257	.00019
#2	-.00157	.00029	-.00499	.00178	-.00339	-.02795	.00112	.00021
#3	-.00233	-.00025	-.00589	.00451	-.00327	-.02451	.00119	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00932	-.00033	.00021	-.00003	-.00077	.00007	-.08838
Stddev	.00005	.00934	.00037	.00017	.00017	.00062	.00006	.01430
%RSD	177.25	100.17	113.04	80.315	533.37	80.249	86.818	16.178

#1	-.00003	-.02009	-.00074	.00041	-.00001	-.00144	.00007	-.09918
#2	.00004	-.00435	-.00023	.00015	-.00021	-.00021	.00013	-.09381
#3	.00007	-.00352	-.00002	.00009	.00012	-.00067	.00001	-.07217

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00224	.00130	.24039	-.00055	-.00086	.05137	.00052	.01661
Stddev	.00033	.00015	.00169	.00029	.00005	.02563	.00024	.00830
%RSD	14.756	11.231	.70496	51.711	5.4488	49.881	45.500	49.946

#1	.00254	.00129	.24116	-.00055	-.00084	.03599	.00062	.00790
#2	.00229	.00145	.23845	-.00027	-.00082	.08096	.00069	.02442
#3	.00189	.00116	.24157	-.00084	-.00091	.03718	.00025	.01753

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00541	-.00333	-.00011	-.00216	.00158	-.0007	.00005	F 2.4843
Stddev	.00286	.00031	.00048	.00082	.00170	.0021	.00013	.2143
%RSD	52.815	9.1894	415.13	37.951	107.78	291.5	230.55	8.6244

#1	-.00403	-.00340	.00034	-.00154	.00075	-.0013	-.00009	2.4135
#2	-.00350	-.00299	-.00008	-.00309	.00353	-.0025	.00013	2.3144
#3	-.00869	-.00359	-.00061	-.00184	.00045	.0016	.00012	2.7250

Sample Name: CCB11 Acquired: 6/25/2019 21:22:27 Type: Unk
Method: P4-ICP2(v3231) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .16256
Stddev .25002
%RSD 153.80

#1 .27561
#2 .33609
#3 -.12402

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2265.8	27656.	2349.1	39.021	2529.5
Stddev	3.6	31.	7.5	2.381	5.7
%RSD	.16001	.11178	.31849	6.1013	.22698

#1	2261.7	27690.	2352.4	36.886	2523.4
#2	2268.6	27647.	2340.6	38.589	2530.2
#3	2267.0	27630.	2354.4	41.589	2534.8