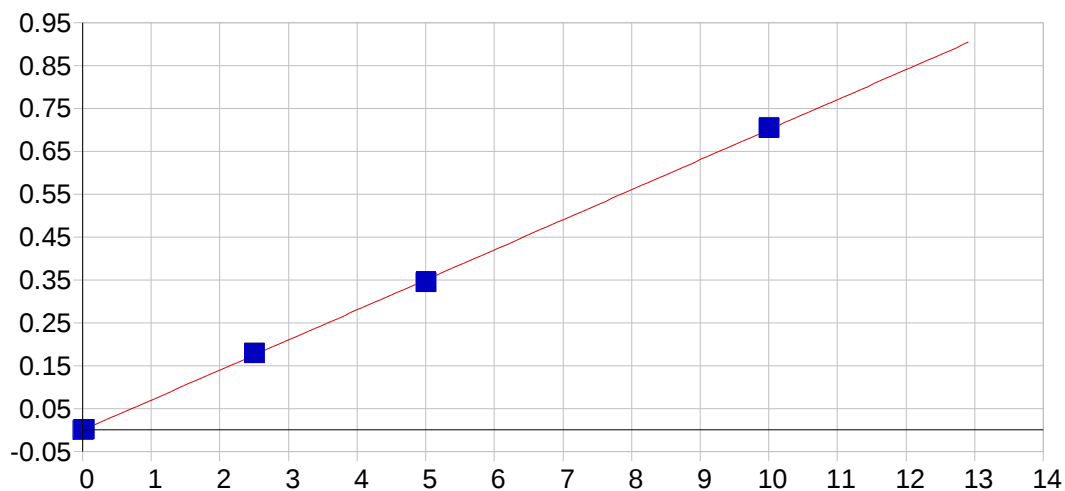


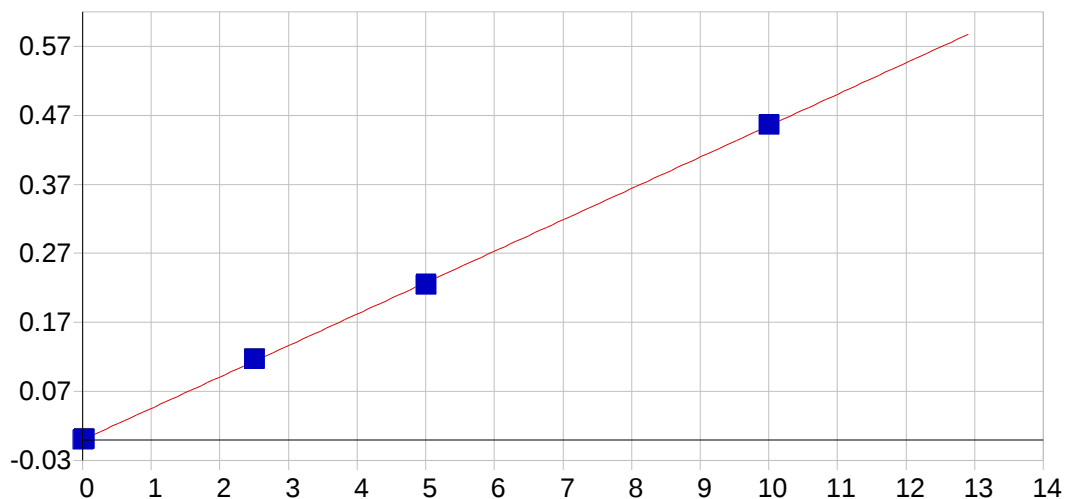


As 189.042 {478}

Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000090 Re-Slope: 1.000000
 A1 (Gain): 0.070065 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.002192
 Predicted MQL: 0.007308

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.02000	.01861	-.001	-6.95	.00121	.000	1
S3	2.5000	2.5458	.046	1.83	.17827	.000	1
S4	5.0000	4.9159	-.084	-1.68	.34432	.001	1
S5	10.000	10.040	.040	.396	.70329	.001	1



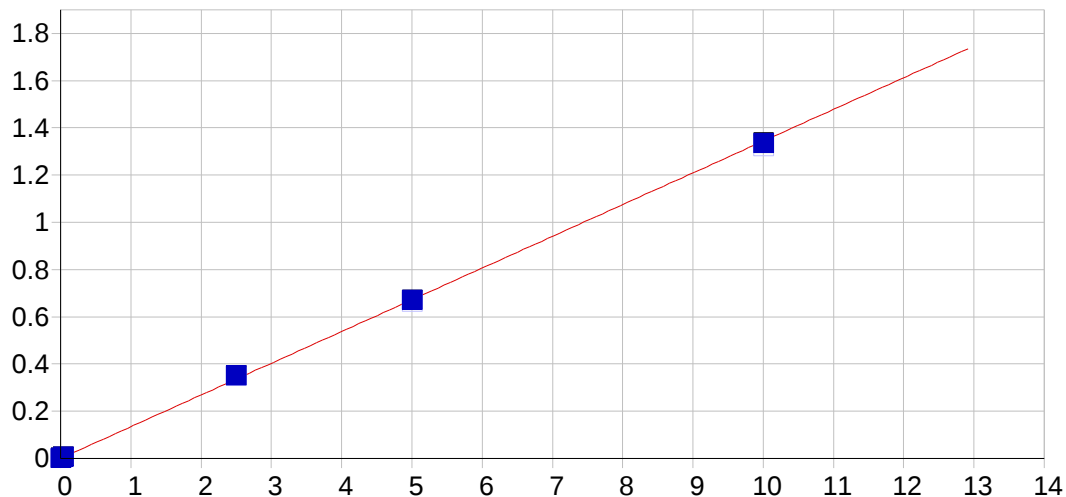
As 189.042 {479}

Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000017 Re-Slope: 1.000000

A1 (Gain): 0.045502 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.002157
 Predicted MQL: 0.007190

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.02000	.02238	.002	11.9	.00104	.000	1
S3	2.5000	2.5568	.057	2.27	.11636	.000	1
S4	5.0000	4.9303	-.070	-1.39	.22436	.000	1
S5	10.000	10.011	.011	.105	.45553	.001	1

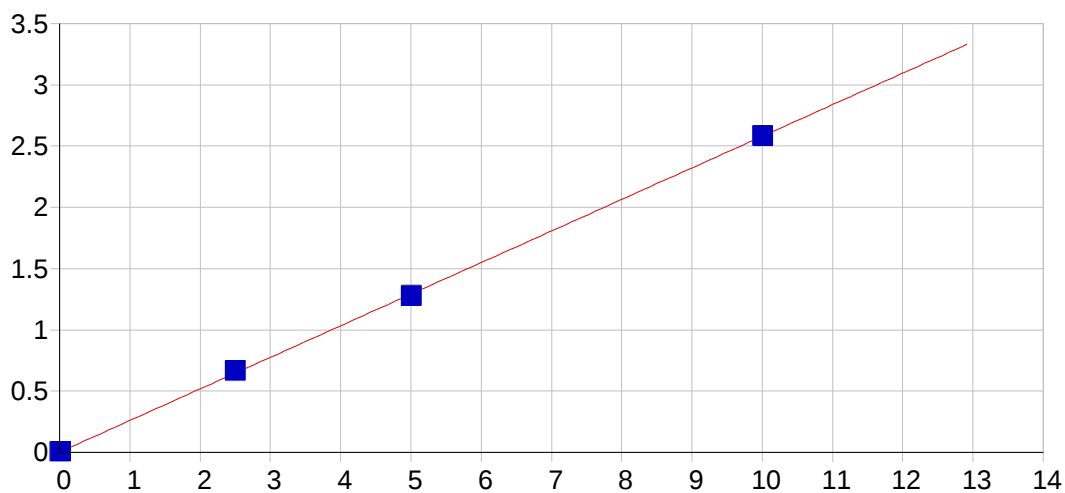


TI 190.856 {477}

Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000213 Re-Slope: 1.000000
 A1 (Gain): 0.134358 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.000962
 Predicted MQL: 0.003207

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00021	.000	1
S1	.04000	.04363	.004	9.08	.00594	.000	1
S3	2.5000	2.5990	.099	3.96	.34597	.001	1
S4	5.0000	4.9748	-.025	-.504	.66173	.001	1
S5	10.000	9.9226	-.077	-.774	1.3196	.003	1

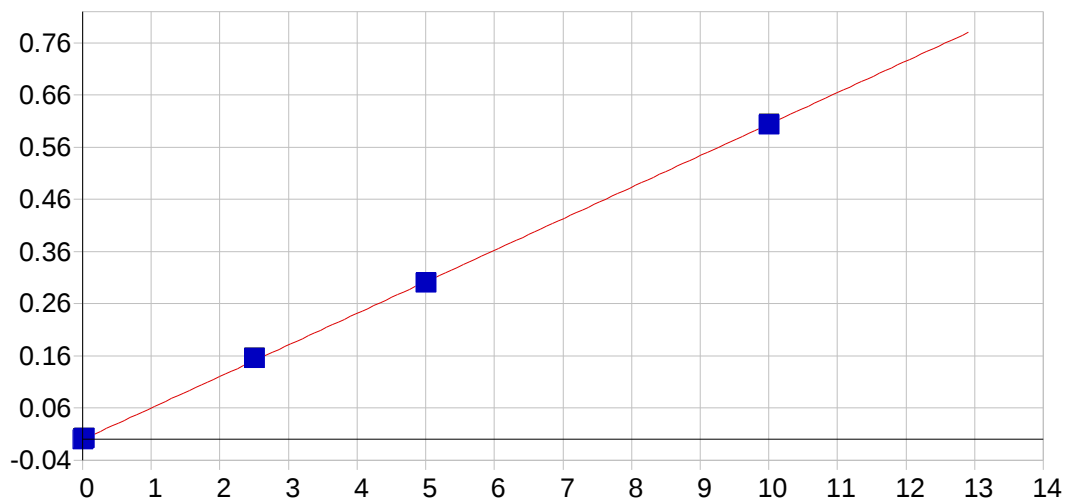


Pb 220.353 {453}

Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002620 Re-Slope: 1.000000
 A1 (Gain): 0.257716 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.000809
 Predicted MQL: 0.002696

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00262	.000	1
S1	.01200	.01149	-.001	-4.27	.00552	.000	1
S3	2.5000	2.5560	.056	2.24	.66040	.001	1
S4	5.0000	4.9431	-.057	-1.14	1.2747	.004	1
S5	10.000	10.001	.001	.014	2.5764	.002	1



Se 196.090 {472}

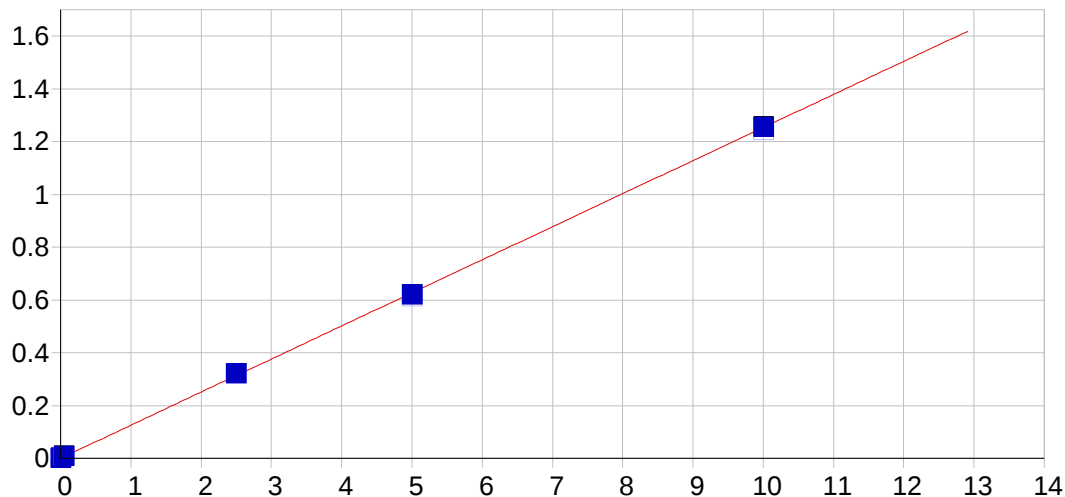
Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000176 Re-Slope: 1.000000
 A1 (Gain): 0.060450 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929
 Std Error of Est: 0.000017
 Predicted MDL: 0.002416
 Predicted MQL: 0.008053

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00018	.000	1
S1	.02000	.02136	.001	6.82	.00112	.000	1
S3	2.5000	2.5703	.070	2.81	.15517	.000	1
S4	5.0000	4.9592	-.041	-.815	.29954	.001	1
S5	10.000	9.9691	-.031	-.309	.60233	.001	1



Sb 206.833 {463}

Date of Fit: 4/22/2019 12:35:48

Type of Fit: Linear

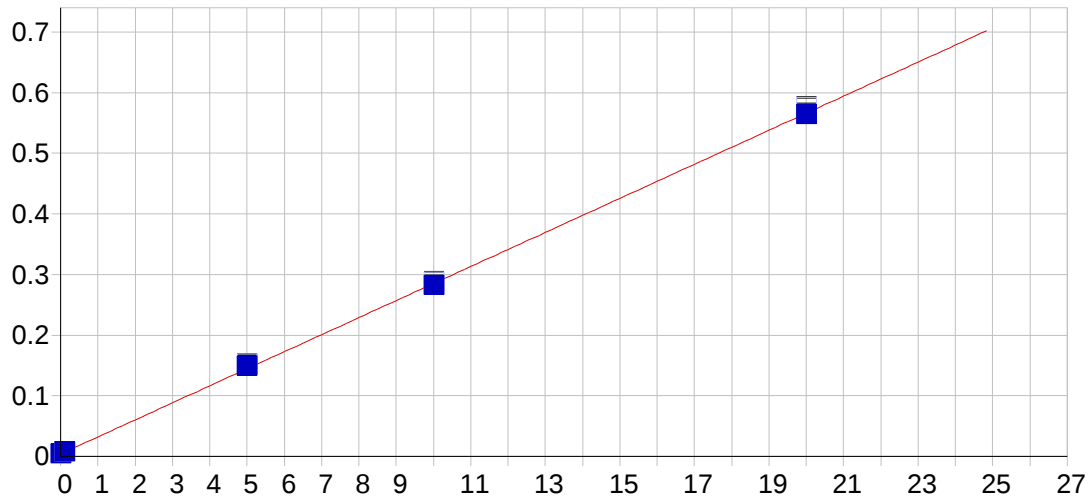
Weighting: 1/Conc

A0 (Offset): 0.000303
 A1 (Gain): 0.125316
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937
 Std Error of Est: 0.000053
 Predicted MDL: 0.001417
 Predicted MQL: 0.004723

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	.00030	.000	1
S1	.05000	.05141	.001	2.83	.00659	.000	1
S3	2.5000	2.5553	.055	2.21	.31700	.001	1
S4	5.0000	4.9332	-.067	-1.34	.61147	.000	1
S5	10.000	10.010	.010	.101	1.2406	.003	1

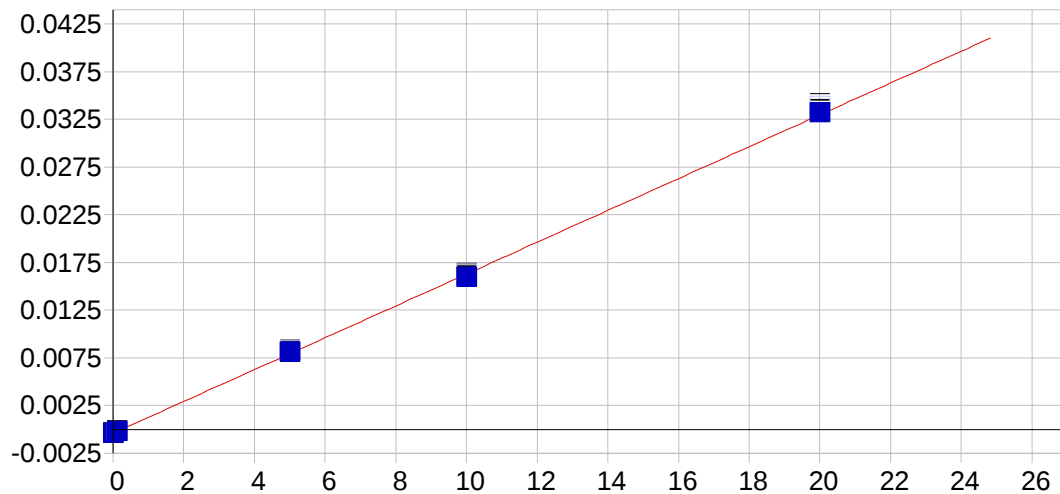


AI 308.215 {109}

Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003963 Re-Slope: 1.000000
 A1 (Gain): 0.028107 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000034
 Predicted MDL: 0.002846
 Predicted MQL: 0.009486

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00396	.000	1
S1	.10000	.11191	.012	11.9	.00730	.000	1
S3	5.0000	5.1695	.170	3.39	.15206	.000	1
S4	10.000	9.8853	-.115	-1.15	.28740	.000	1
S5	20.000	19.933	-.067	-.336	.57541	.001	1



AI 309.271 {109}

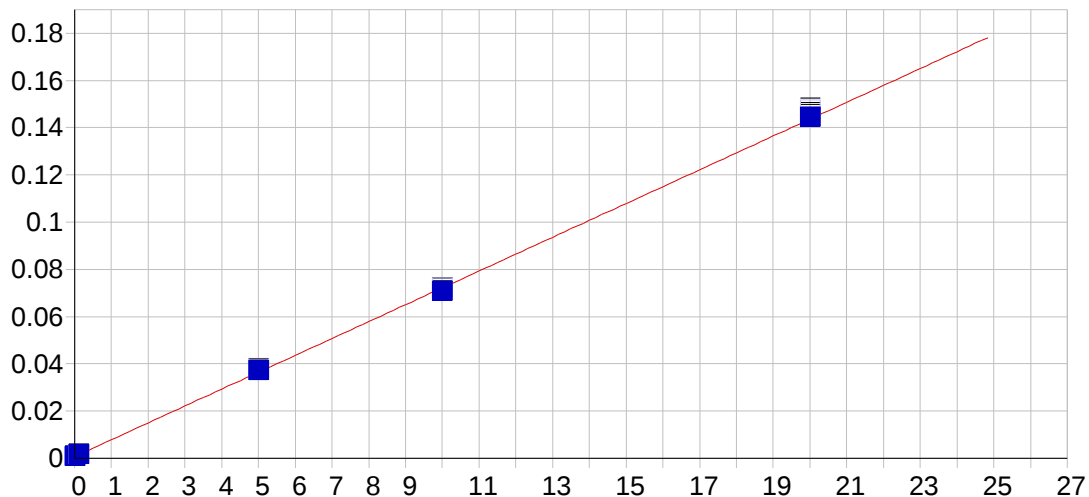
Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000402 Re-Slope: 1.000000
 A1 (Gain): 0.001669 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999887
 Std Error of Est: 0.000002
 Predicted MDL: 0.030995
 Predicted MQL: 0.103318

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00040	.000	1
S1	.10000	.11219	.012	12.2	-.00020	.000	1
S3	5.0000	5.0852	.085	1.70	.00825	.000	1
S4	10.000	9.7847	-.215	-2.15	.01626	.000	1
S5	20.000	20.117	.117	.587	.03384	.000	1



AI 396.152 { 85}

Date of Fit: 4/22/2019 12:35:48

Type of Fit: Linear

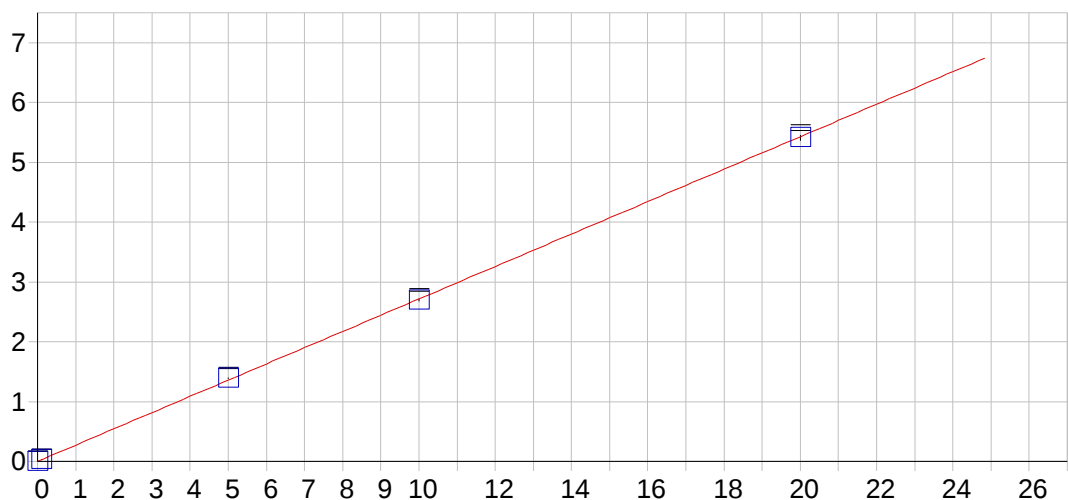
Weighting: 1/Conc

A0 (Offset): 0.000733
 A1 (Gain): 0.007144
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900
 Std Error of Est: 0.000008
 Predicted MDL: 0.012112
 Predicted MQL: 0.040372

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	.00073	.000	1
S1	.10000	.11017	.010	10.2	.00157	.000	1
S3	5.0000	5.0784	.078	1.57	.03773	.000	1
S4	10.000	9.7915	-.209	-2.09	.07211	.000	1
S5	20.000	20.119	.119	.597	.14732	.001	1

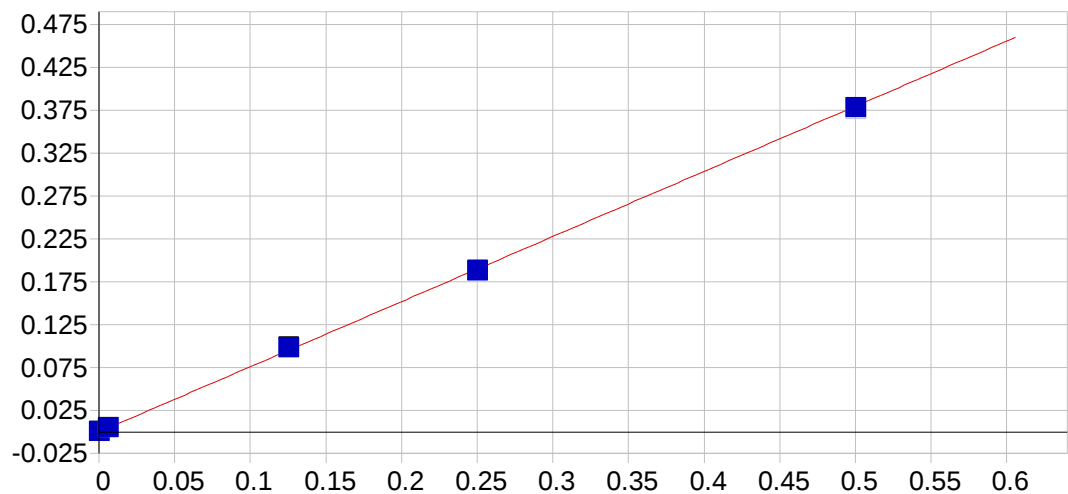


Ba 493.409 { 68}

Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001301 Re-Slope: 1.000000
 A1 (Gain): 0.271347 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000242
 Predicted MDL: 0.000617
 Predicted MQL: 0.002058

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00130	.000	1
S1	.10000	.10588	.006	5.88	.03003	.000	1
S3	5.0000	5.1354	.135	2.71	1.3948	.010	1
S5	20.000	19.933	-.067	-.333	5.4101	.046	1
S4	10.000	9.9254	-.075	-.746	2.6945	.019	1



Be 234.861 {144}

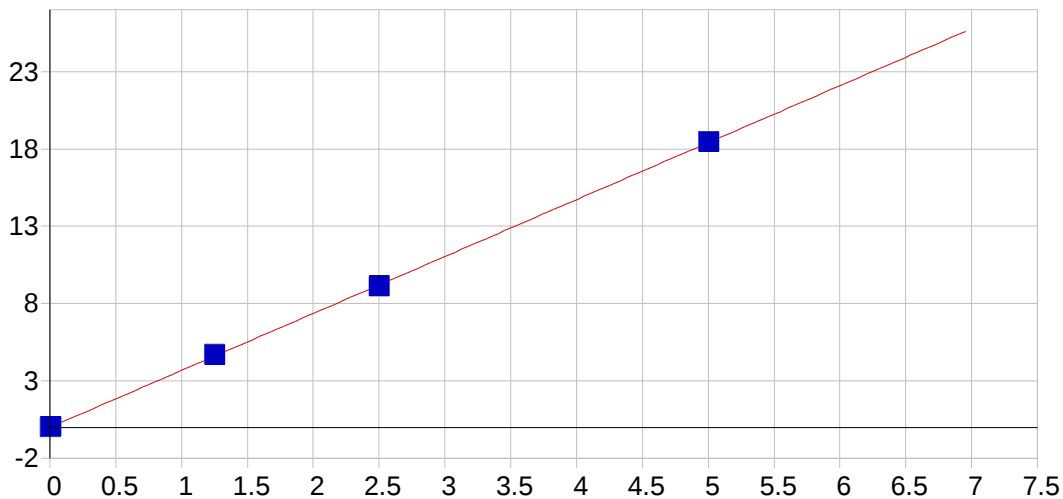
Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000012 Re-Slope: 1.000000
 A1 (Gain): 0.759474 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867
 Std Error of Est: 0.000037
 Predicted MDL: 0.000069
 Predicted MQL: 0.000229

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.00600	.00649	.000	8.21	.00490	.000	1
S3	.12500	.12939	.004	3.51	.09769	.000	1
S4	.25000	.24741	-.003	-1.04	.18672	.000	1
S5	.50000	.49771	-.002	-.458	.37562	.000	1



Cd 226.502 {449}

Date of Fit: 4/22/2019 12:35:48

Type of Fit: Linear

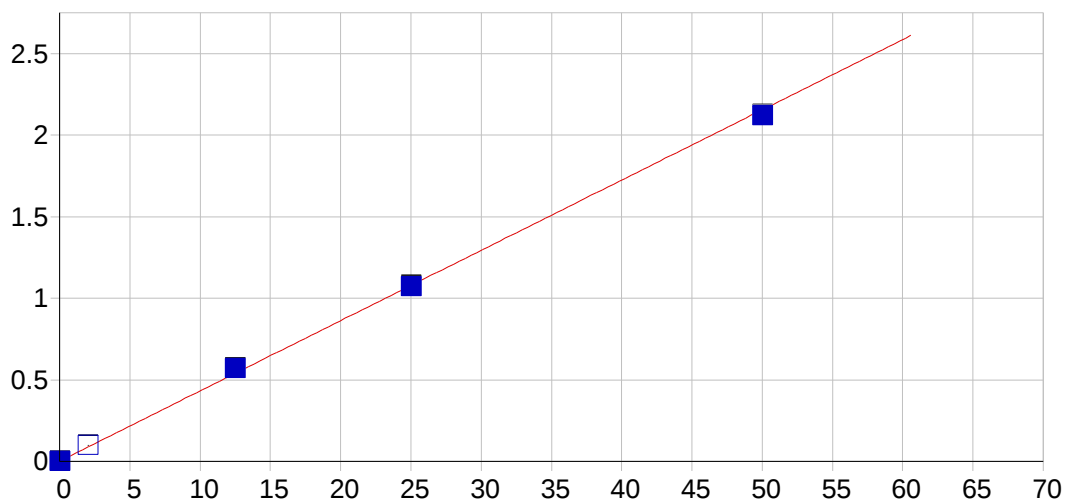
Weighting: 1/Conc

A0 (Offset): -0.000348
 A1 (Gain): 3.680805
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000305
 Predicted MDL: 0.000064
 Predicted MQL: 0.000213

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	-.00035	.000	1
S1	.00600	.00612	.000	2.00	.02222	.000	1
S3	1.2500	1.2712	.021	1.69	4.6796	.004	1
S4	2.5000	2.4718	-.028	-1.13	9.0999	.021	1
S5	5.0000	5.0069	.007	.139	18.433	.009	1

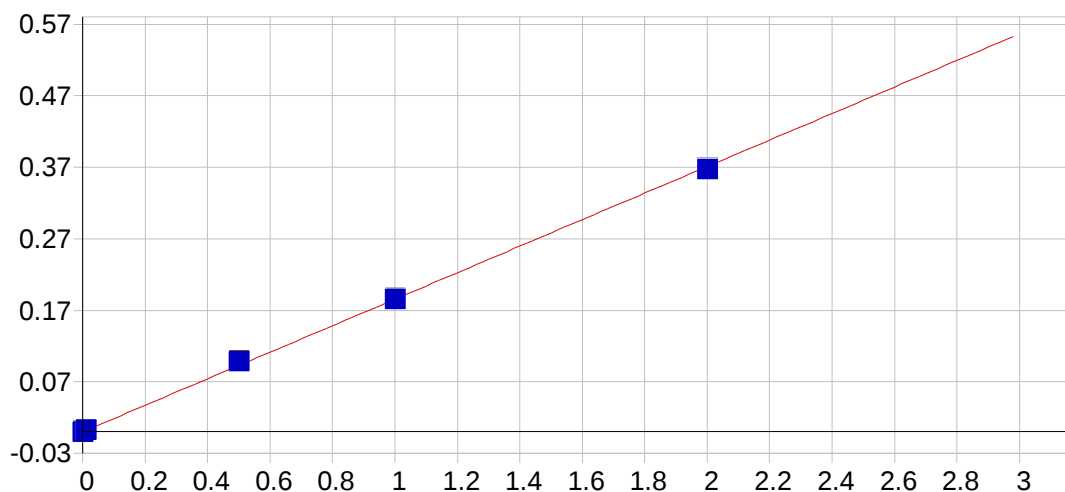


Ca 373.690 { 90}

Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001236 Re-Slope: 1.000000
 A1 (Gain): 0.043067 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999516 Status: OK.
 Std Error of Est: 0.000732
 Predicted MDL: 0.015550
 Predicted MQL: 0.051834

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2647	.265	13.2	.09877	.001	1
S0	.00000	-.00033	-.000	.000	.00122	.001	1
S3	12.500	13.185	.685	5.48	.56937	.003	1
S4	25.000	24.868	-.132	-.526	1.0728	.008	1
S5	50.000	49.182	-.818	-1.64	2.1205	.006	1



Cr 267.716 {126}

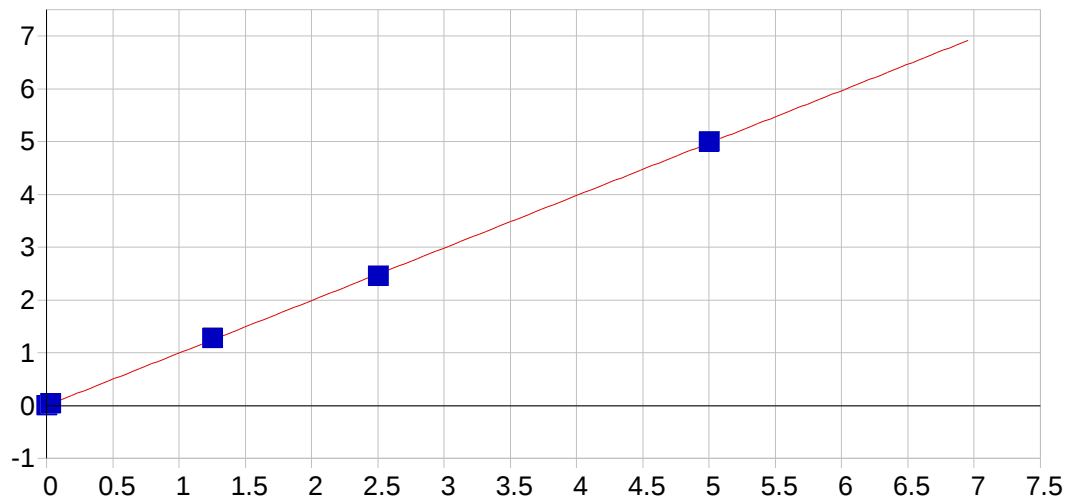
Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000032 Re-Slope: 1.000000
 A1 (Gain): 0.185485 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999745
 Std Error of Est: 0.000032
 Predicted MDL: 0.000398
 Predicted MQL: 0.001328

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00003	.000	1
S1	.01000	.01120	.001	12.0	.00206	.000	1
S3	.50000	.52612	.026	5.22	.09829	.000	1
S4	1.0000	.99735	-.003	-.265	.18642	.001	1
S5	2.0000	1.9753	-.025	-1.23	.36928	.000	1



Co 228.616 {447}

Date of Fit: 4/22/2019 12:35:48

Type of Fit: Linear

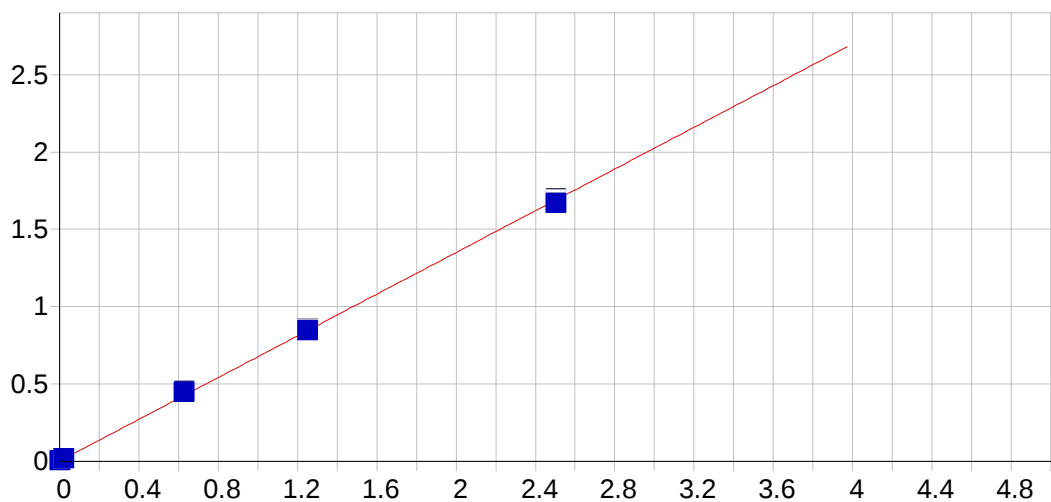
Weighting: 1/Conc

A0 (Offset): -0.000352
 A1 (Gain): 0.994748
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945
 Std Error of Est: 0.000218
 Predicted MDL: 0.000201
 Predicted MQL: 0.000669

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	-.00035	.000	1
S1	.03000	.03010	.000	.341	.02939	.000	1
S3	1.2500	1.2703	.020	1.62	1.2642	.000	1
S4	2.5000	2.4622	-.038	-1.51	2.4509	.005	1
S5	5.0000	5.0174	.017	.349	4.9946	.001	1

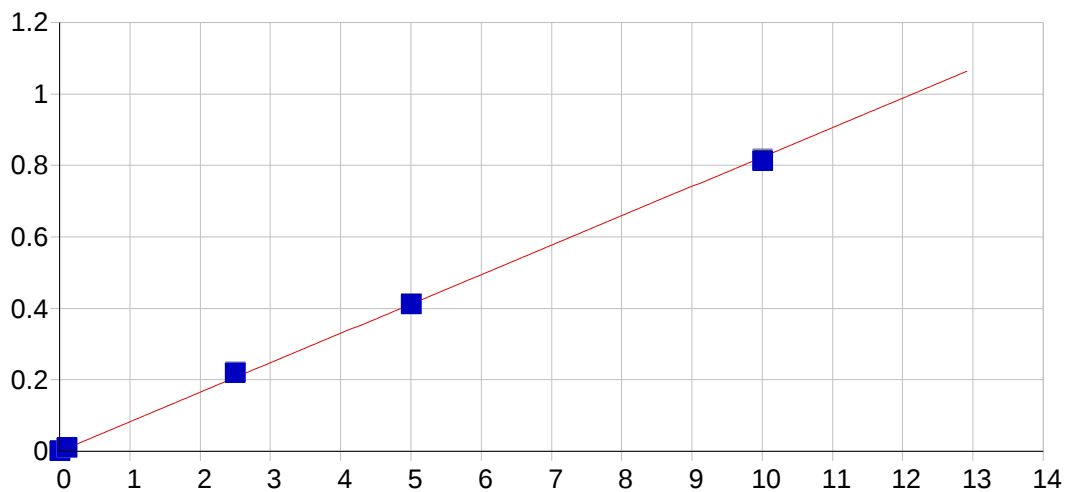


Cu 224.700 {450}

Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002429 Re-Slope: 1.000000
 A1 (Gain): 0.674034 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999718 Status: OK.
 Std Error of Est: 0.000197
 Predicted MDL: 0.000367
 Predicted MQL: 0.001222

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00243	.000	1
S1	.02000	.02243	.002	12.2	.01776	.000	1
S3	.62500	.65885	.034	5.42	.45332	.001	1
S4	1.2500	1.2463	-.004	-.295	.85610	.002	1
S5	2.5000	2.4674	-.033	-1.30	1.6928	.003	1



Fe 240.488 {140}

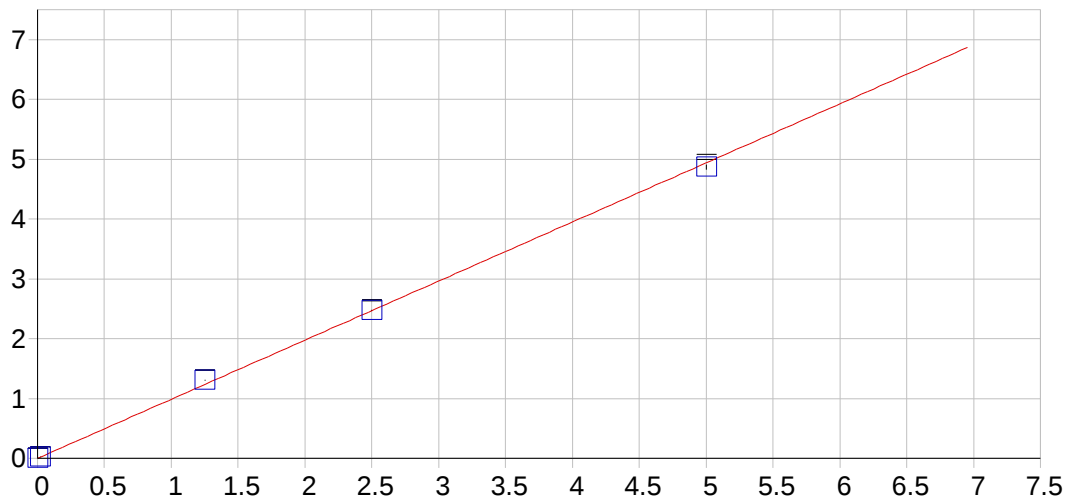
Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000675 Re-Slope: 1.000000
 A1 (Gain): 0.082292 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999653
 Std Error of Est: 0.000118
 Predicted MDL: 0.000700
 Predicted MQL: 0.002334

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00067	.000	1
S1	.10000	.11027	.010	10.3	.00979	.000	1
S3	2.5000	2.6517	.152	6.07	.21966	.000	1
S4	5.0000	4.9772	-.023	-.457	.41179	.001	1
S5	10.000	9.8608	-.139	-1.39	.81522	.001	1



Mn 257.610 {131}

Date of Fit: 4/22/2019 12:35:48

Type of Fit: Linear

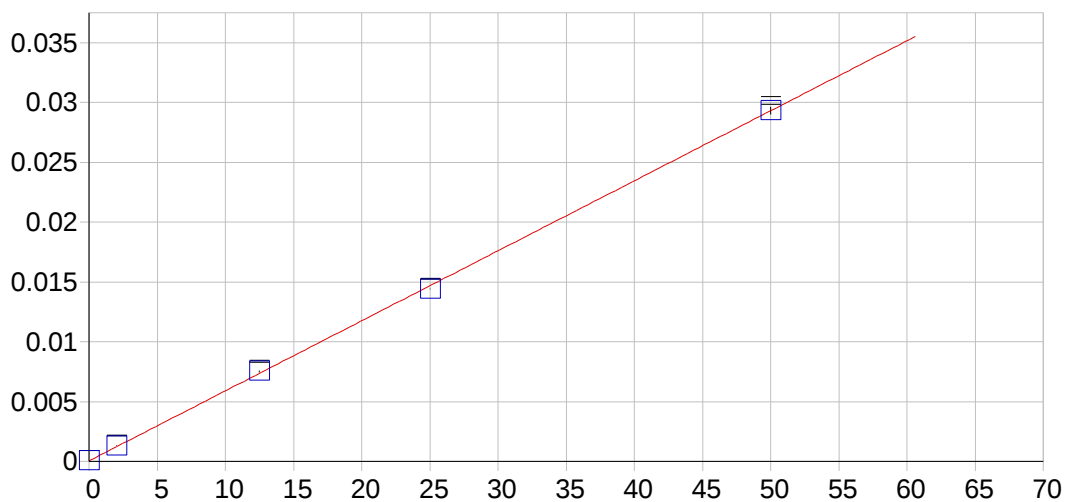
Weighting: 1/Conc

A0 (Offset): 0.000213
 A1 (Gain): 0.987746
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999698
 Std Error of Est: 0.000415
 Predicted MDL: 0.000063
 Predicted MQL: 0.000210

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	.00021	.000	1
S1	.02000	.02279	.003	13.9	.02272	.000	1
S3	1.2500	1.3191	.069	5.53	1.3032	.001	1
S4	2.5000	2.5016	.002	.063	2.4711	.006	1
S5	5.0000	4.9265	-.073	-1.47	4.8664	.039	1

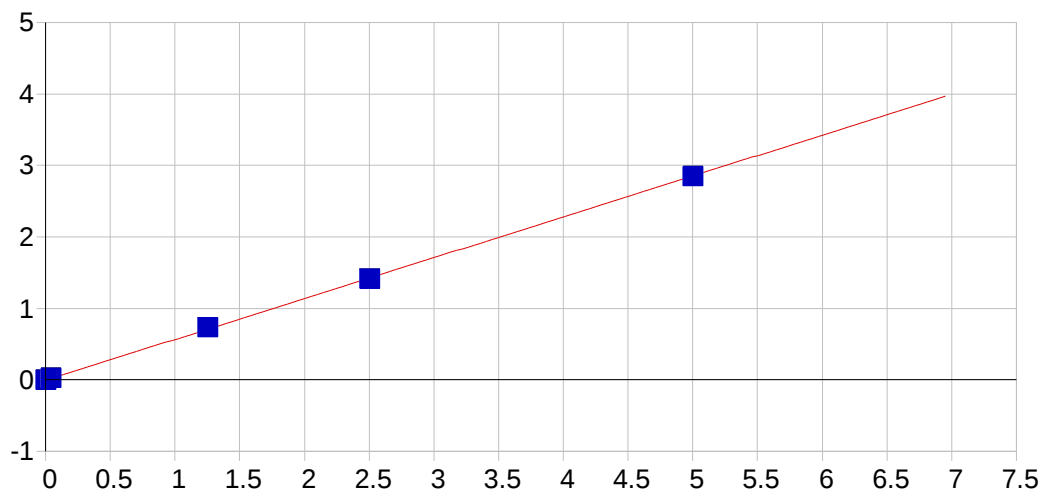


Mg 279.079 {121}

Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000046 Re-Slope: 1.000000
 A1 (Gain): 0.000585 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999852 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.043997
 Predicted MQL: 0.146656

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1582	.158	7.91	.00131	.000	1
S0	.00000	-.00017	-.000	.000	.00005	.000	1
S3	12.500	12.776	.276	2.21	.00752	.000	1
S4	25.000	24.556	-.444	-1.78	.01442	.000	1
S5	50.000	50.010	.010	.020	.02931	.000	1



Ni 231.604 {445}

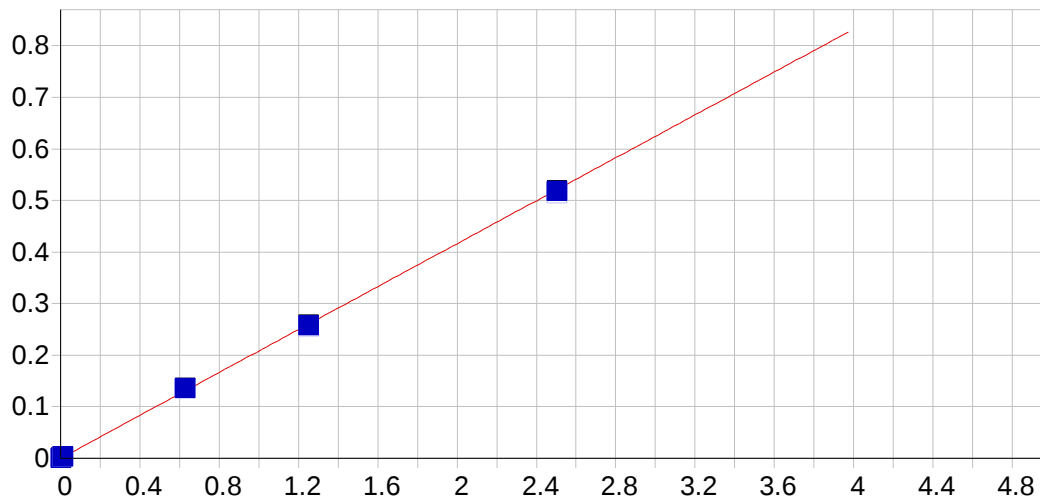
Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006703 Re-Slope: 1.000000
 A1 (Gain): 0.571729 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913
 Std Error of Est: 0.000183
 Predicted MDL: 0.000374
 Predicted MQL: 0.001247

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00670	.000	1
S1	.04000	.04194	.002	4.86	.01729	.000	1
S3	1.2500	1.2874	.037	2.99	.73011	.001	1
S4	2.5000	2.4731	-.027	-1.08	1.4088	.003	1
S5	5.0000	4.9876	-.012	-.249	2.8479	.002	1



Ag 328.068 {103}

Date of Fit: 4/22/2019 12:35:48

Type of Fit: Linear

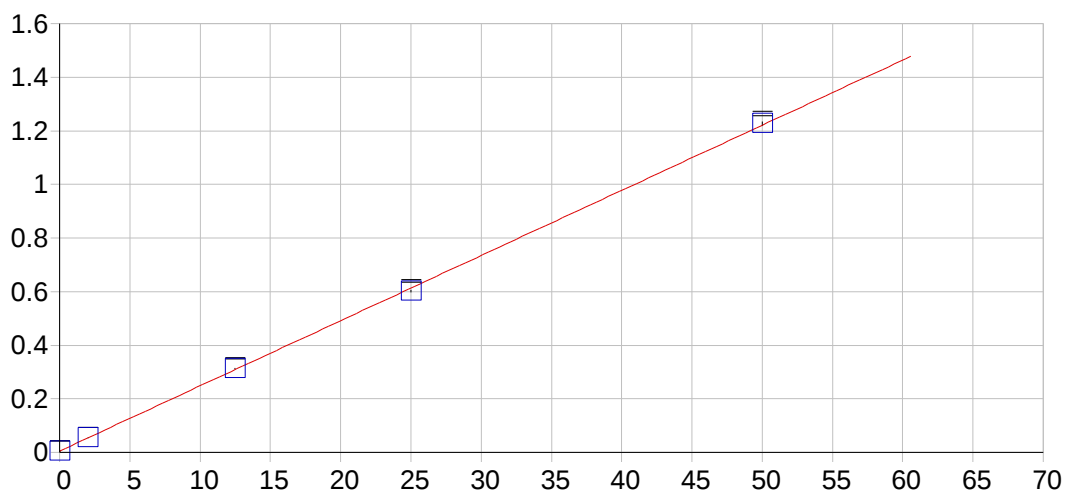
Weighting: 1/Conc

A0 (Offset): 0.000074
 A1 (Gain): 0.208084
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999863
 Std Error of Est: 0.000029
 Predicted MDL: 0.000535
 Predicted MQL: 0.001783

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00007	.000	1
S1	.01000	.01100	.001	10.00	.00232	.000	1
S3	.62500	.64851	.024	3.76	.13354	.000	1
S4	1.2500	1.2370	-.013	-1.04	.25452	.000	1
S5	2.5000	2.4885	-.012	-.460	.51199	.001	1

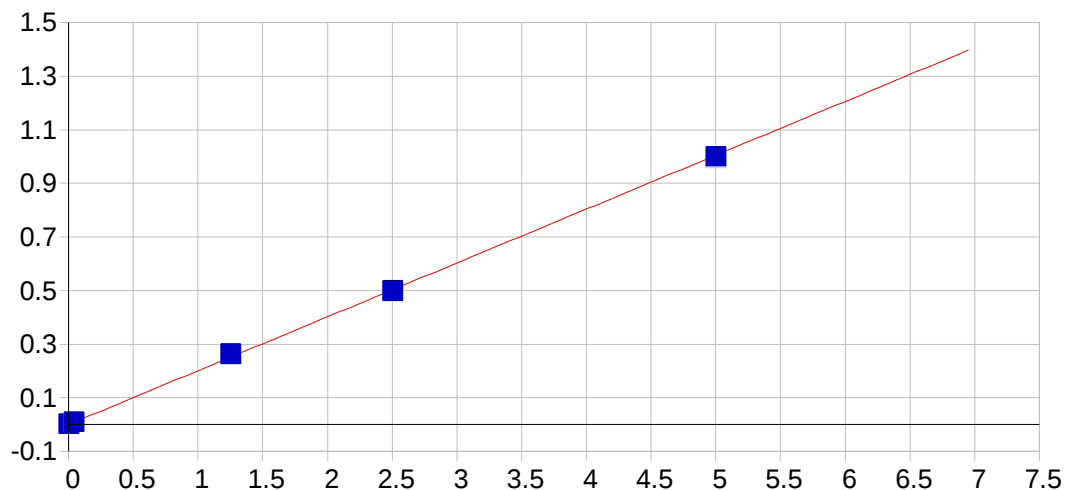


Na 589.592 { 57}

Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005169 Re-Slope: 1.000000
 A1 (Gain): 0.024312 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000158
 Predicted MDL: 0.009051
 Predicted MQL: 0.030171

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0439	.044	2.20	.05486	.001	1
S0	.00000	-.00005	-.000	.000	.00517	.000	1
S3	12.500	12.676	.176	1.41	.31335	.003	1
S4	25.000	24.549	-.451	-1.81	.60201	.005	1
S5	50.000	50.231	.231	.463	1.2264	.009	1



V 292.402 {115}

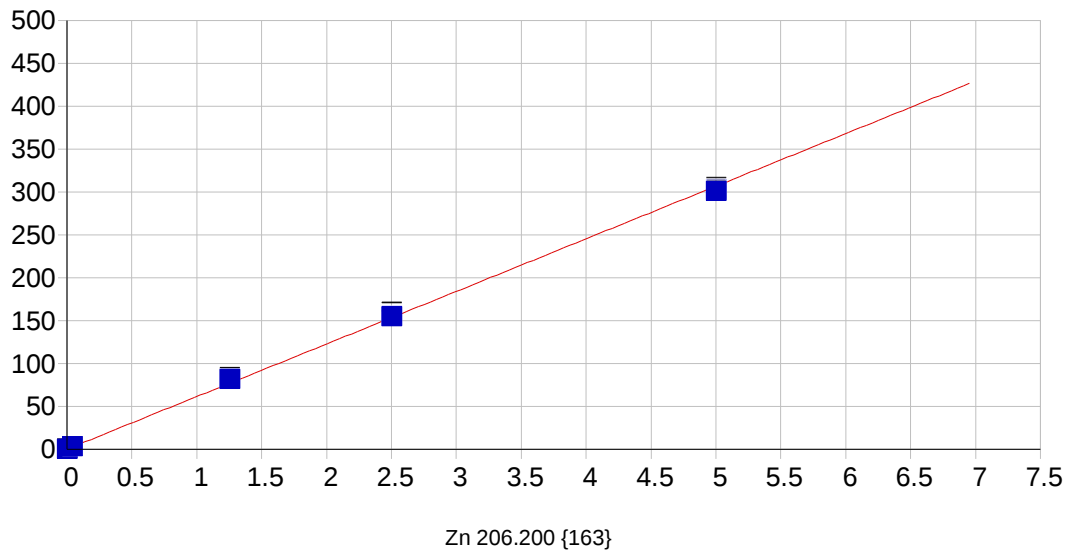
Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000102 Re-Slope: 1.000000
 A1 (Gain): 0.200957 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999834
 Std Error of Est: 0.000088
 Predicted MDL: 0.000422
 Predicted MQL: 0.001407

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00010	.000	1
S1	.04000	.04276	.003	6.90	.00837	.000	1
S3	1.2500	1.3031	.053	4.25	.26013	.000	1
S4	2.5000	2.4773	-.023	-.909	.49444	.001	1
S5	5.0000	4.9669	-.033	-.663	.99146	.001	1



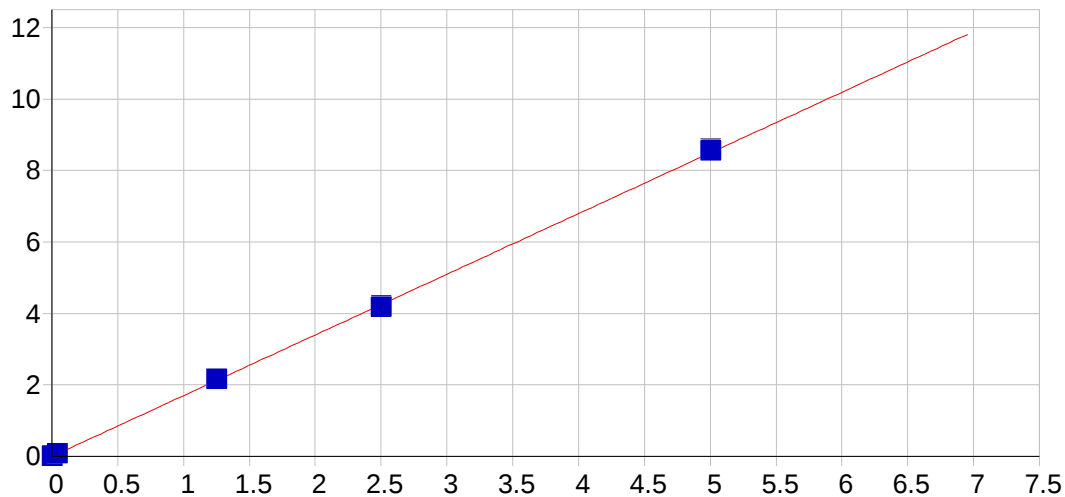
Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.115322
 A1 (Gain): 61.336223
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999600
 Std Error of Est: 0.042245
 Predicted MDL: 0.000345
 Predicted MQL: 0.001149

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	.11498	.058	1
S1	.04000	.04355	.004	8.88	2.8026	.044	1
S3	1.2500	1.3289	.079	6.31	82.089	1.31	1
S4	2.5000	2.5117	.012	.468	155.10	4.96	1
S5	5.0000	4.9059	-.094	-1.88	302.88	2.29	1

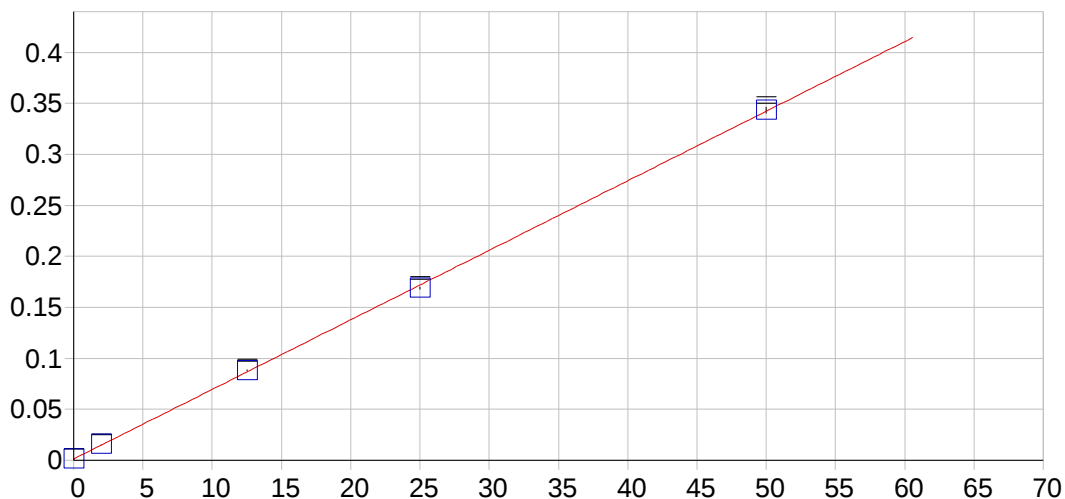


Zn 213.856 {458}

Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001582 Re-Slope: 1.000000
 A1 (Gain): 1.698039 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999936 Status: OK.
 Std Error of Est: 0.000469
 Predicted MDL: 0.000089
 Predicted MQL: 0.000298

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00158	.000	1
S1	.04000	.04018	.000	.459	.07029	.000	1
S3	1.2500	1.2670	.017	1.36	2.1665	.001	1
S4	2.5000	2.4561	-.044	-1.76	4.1992	.003	1
S5	5.0000	5.0268	.027	.535	8.5914	.004	1



K 766.490 {44}

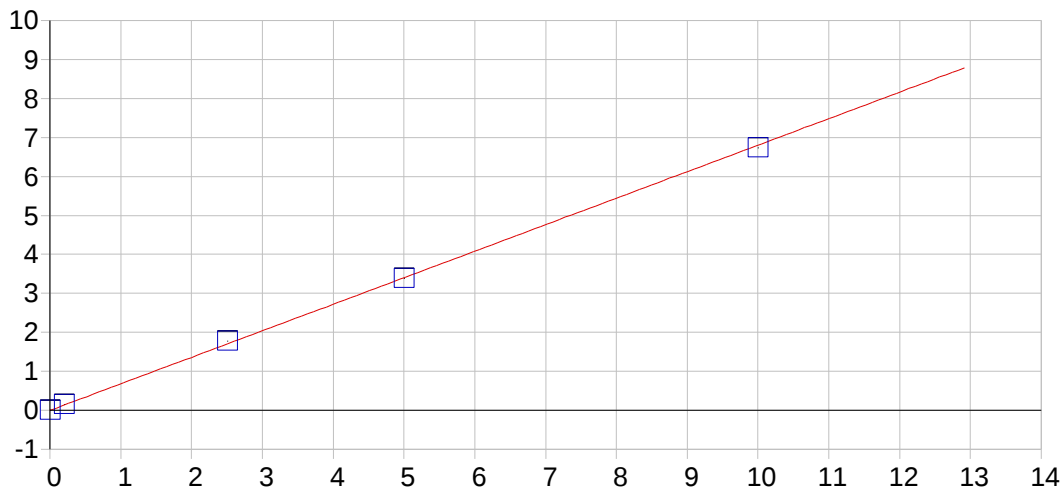
Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001316 Re-Slope: 1.000000
 A1 (Gain): 0.006822 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910
 Std Error of Est: 0.000050
 Predicted MDL: 0.034824
 Predicted MQL: 0.116080

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0798	.080	3.99	.01550	.000	1
S0	.00000	-.00009	-.000	.000	.00132	.000	1
S3	12.500	12.728	.228	1.82	.08814	.001	1
S4	25.000	24.545	-.455	-1.82	.16876	.001	1
S5	50.000	50.147	.147	.294	.34341	.003	1



Mo 202.030 {467}

Date of Fit: 4/22/2019 12:35:48

Type of Fit: Linear

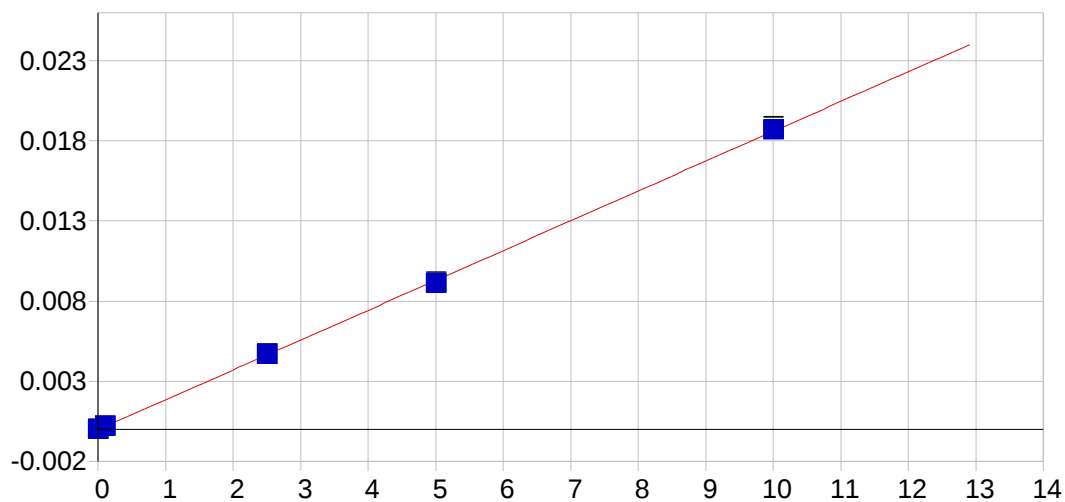
Weighting: 1/Conc

A0 (Offset): -0.000117
 A1 (Gain): 0.680168
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999758
 Std Error of Est: 0.001149
 Predicted MDL: 0.000238
 Predicted MQL: 0.000795

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	-.00013	.000	1
S1	.20000	.21975	.020	9.87	.14935	.000	1
S3	2.5000	2.6155	.115	4.62	1.7788	.004	1
S4	5.0000	4.9702	-.030	-.596	3.3805	.003	1
S5	10.000	9.8946	-.105	-1.05	6.7299	.001	1

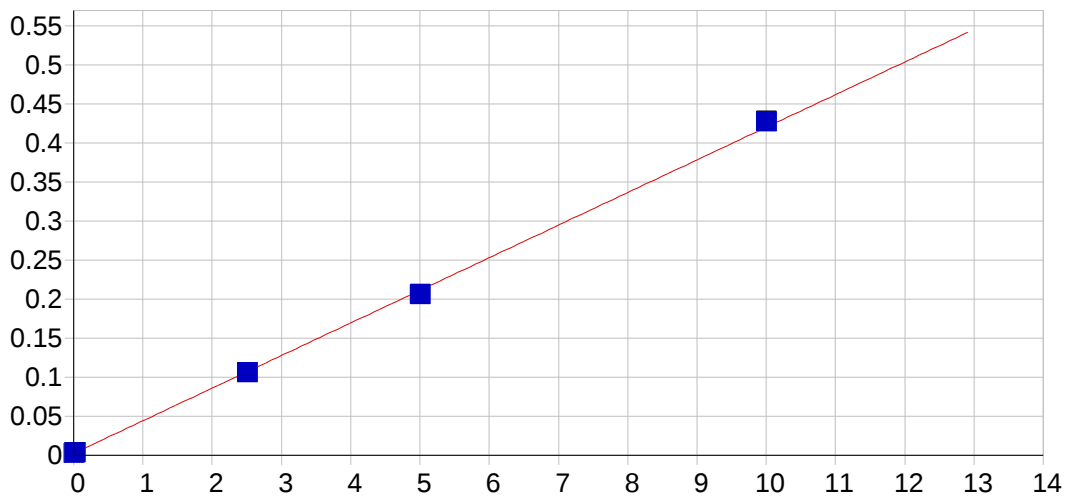


B 249.678 {135}

Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000020 Re-Slope: 1.000000
 A1 (Gain): 0.001862 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999848 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.012088
 Predicted MQL: 0.040293

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00002	.000	1
S1	.10000	.11729	.017	17.3	.00020	.000	1
S3	2.5000	2.5200	.020	.801	.00466	.000	1
S4	5.0000	4.9041	-.096	-1.92	.00909	.000	1
S5	10.000	10.059	.059	.586	.01866	.000	1



S 182.034 {485}

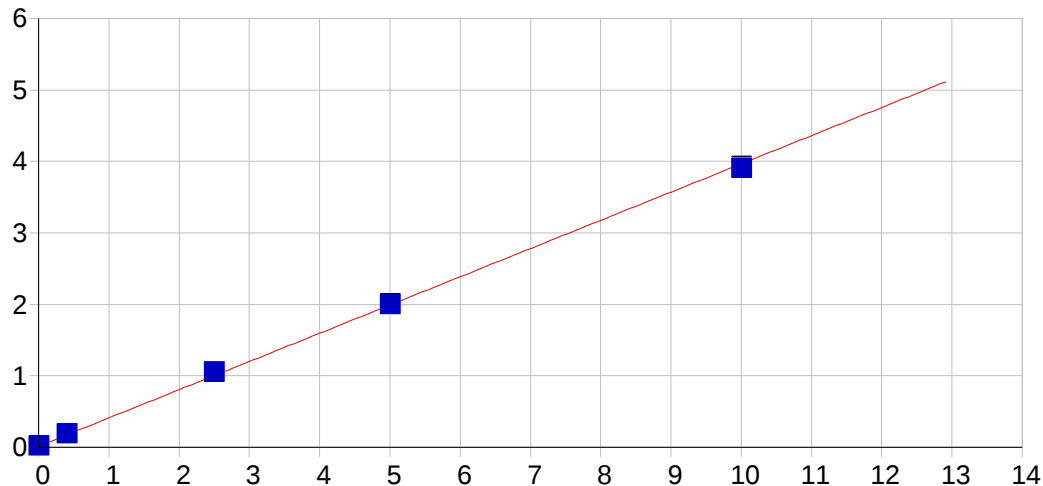
Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002486 Re-Slope: 1.000000
 A1 (Gain): 0.041790 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999788
 Std Error of Est: 0.000021
 Predicted MDL: 0.002509
 Predicted MQL: 0.008364

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00249	.000	1
S1	.02000	.01605	-.004	-19.8	.00313	.000	1
S3	2.5000	2.4678	-.032	-1.29	.10550	.000	1
S4	5.0000	4.8691	-.131	-2.62	.20573	.000	1
S5	10.000	10.167	.167	1.67	.42689	.001	1



Si 288.158 {117}

Date of Fit: 4/22/2019 12:35:48

Type of Fit: Linear

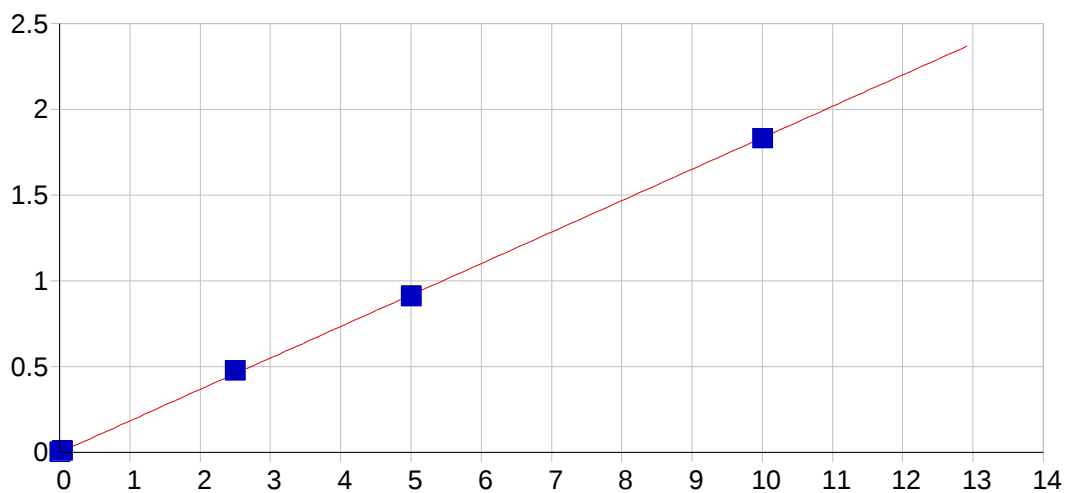
Weighting: 1/Conc

A0 (Offset): 0.016426
 A1 (Gain): 0.394956
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999722
 Std Error of Est: 0.001016
 Predicted MDL: 0.002323
 Predicted MQL: 0.007742

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	-.00004	-.000	.000	.01641	.000	1
S1	.40000	.42703	.027	6.76	.18495	.001	1
S3	2.5000	2.6203	.120	4.81	1.0508	.004	1
S4	5.0000	5.0048	.005	.095	1.9920	.012	1
S5	10.000	9.8479	-.152	-1.52	3.9038	.021	1

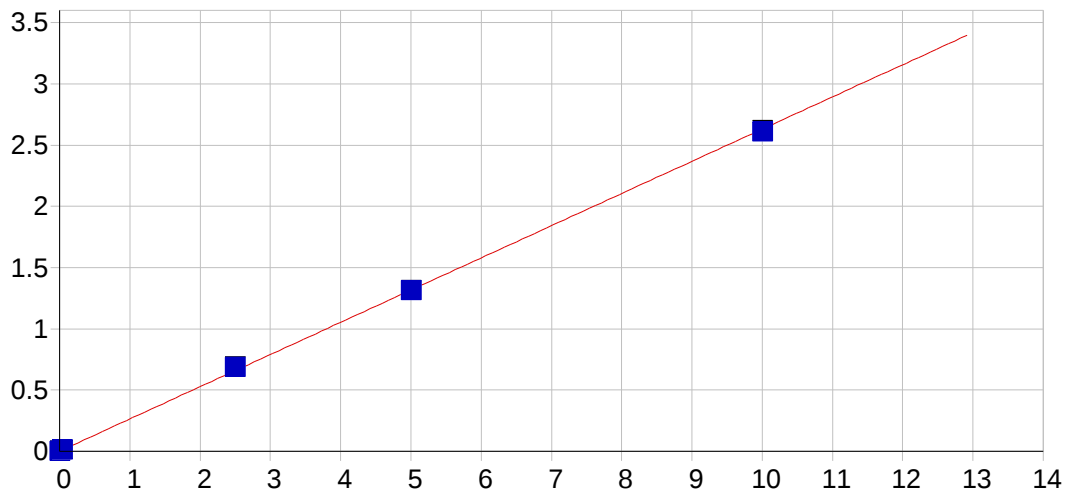


Sn 189.989 {477}

Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000455 Re-Slope: 1.000000
 A1 (Gain): 0.183362 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999902 Status: OK.
 Std Error of Est: 0.000088
 Predicted MDL: 0.000604
 Predicted MQL: 0.002015

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00045	.000	1
S1	.04000	.04140	.001	3.49	.00805	.000	1
S3	2.5000	2.5829	.083	3.32	.47415	.001	1
S4	5.0000	4.9479	-.052	-1.04	.90787	.001	1
S5	10.000	9.9678	-.032	-.322	1.8285	.002	1



Ti 336.121 {100}

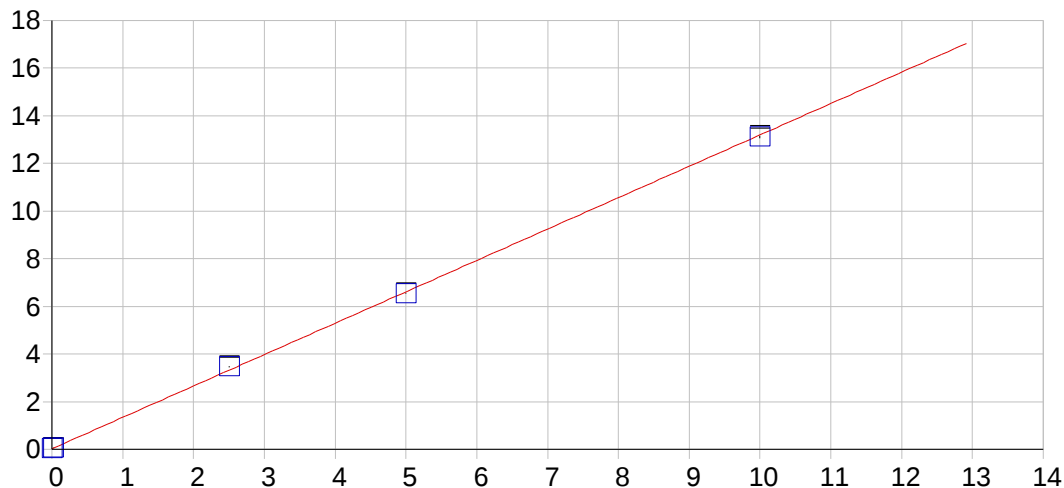
Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001743 Re-Slope: 1.000000
 A1 (Gain): 0.262867 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999857
 Std Error of Est: 0.000152
 Predicted MDL: 0.001838
 Predicted MQL: 0.006126

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00174	.001	1
S1	.04000	.04134	.001	3.35	.01260	.000	1
S3	2.5000	2.6029	.103	4.12	.68588	.003	1
S4	5.0000	4.9744	-.026	-.512	1.3092	.005	1
S5	10.000	9.9213	-.079	-.787	2.6094	.006	1



Li 670.784 { 50}

Date of Fit: 4/22/2019 12:35:48

Type of Fit: Linear

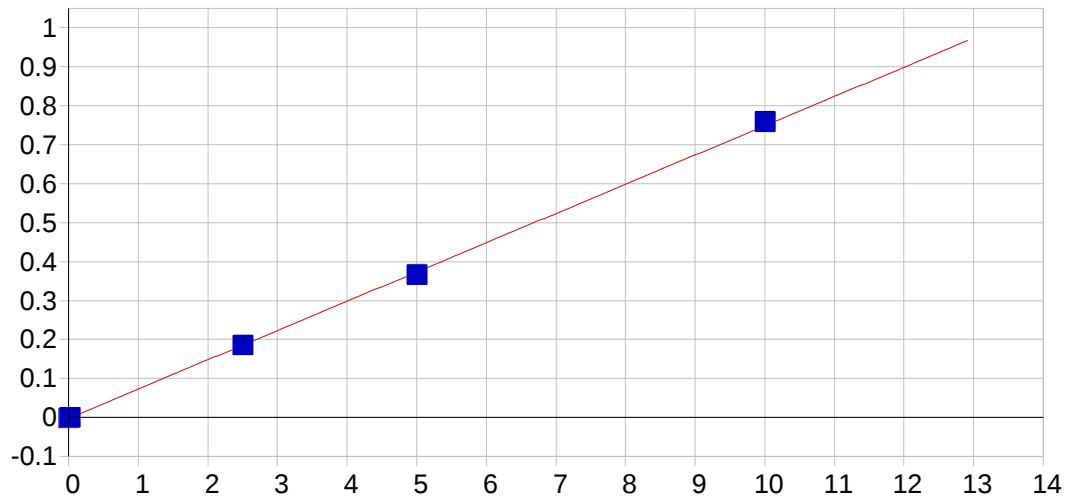
Weighting: 1/Conc

A0 (Offset): 0.021507
 A1 (Gain): 1.317516
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999818
 Std Error of Est: 0.000607
 Predicted MDL: 0.001745
 Predicted MQL: 0.005815

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	.02150	.002	1
S1	.02000	.02103	.001	5.15	.04922	.001	1
S3	2.5000	2.6157	.116	4.63	3.4678	.024	1
S4	5.0000	4.9478	-.052	-1.04	6.5403	.004	1
S5	10.000	9.9355	-.065	-.645	13.112	.065	1



P 177.495 {490}

Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002370 Re-Slope: 1.000000
 A1 (Gain): 0.075115 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.001381
 Predicted MQL: 0.004602

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00237	.000	1
S1	.02000	.01832	-.002	-8.39	-.00100	.000	1
S3	2.5000	2.4852	-.015	-.594	.18403	.001	1
S4	5.0000	4.8988	-.101	-2.02	.36506	.001	1
S5	10.000	10.118	.118	1.18	.75653	.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

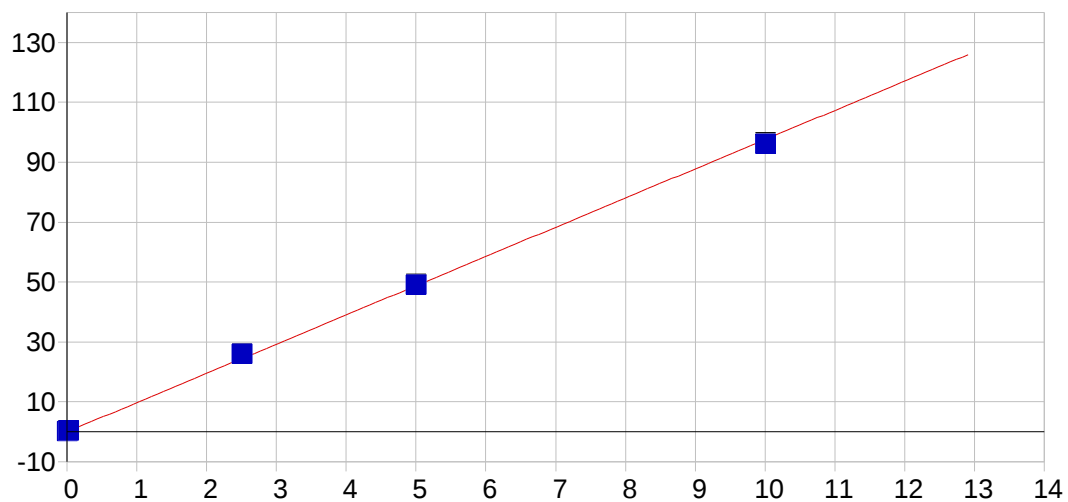
Status: Warning Zero Gain

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: 4/22/2019 12:35:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003526

Re-Slope: 1.000000

A1 (Gain): 9.757125

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999660

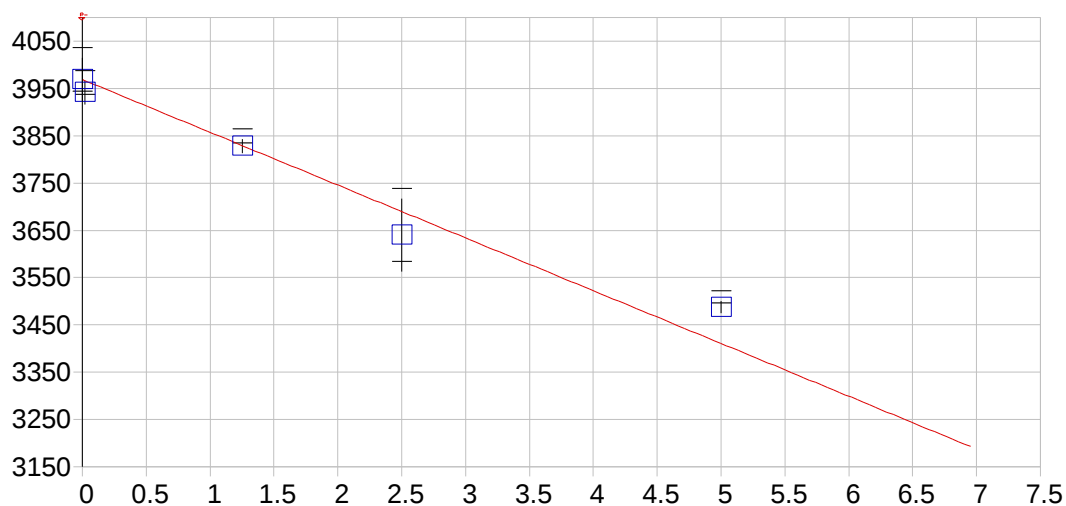
Status: OK.

Std Error of Est: 0.006156

Predicted MDL: 0.000095

Predicted MQL: 0.000317

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00355	.002	1
S1	.02000	.02168	.002	8.42	.20912	.000	1
S3	2.5000	2.6496	.150	5.98	25.876	.095	1
S4	5.0000	5.0164	.016	.327	48.995	.196	1
S5	10.000	9.8324	-.168	-1.68	96.039	.430	1

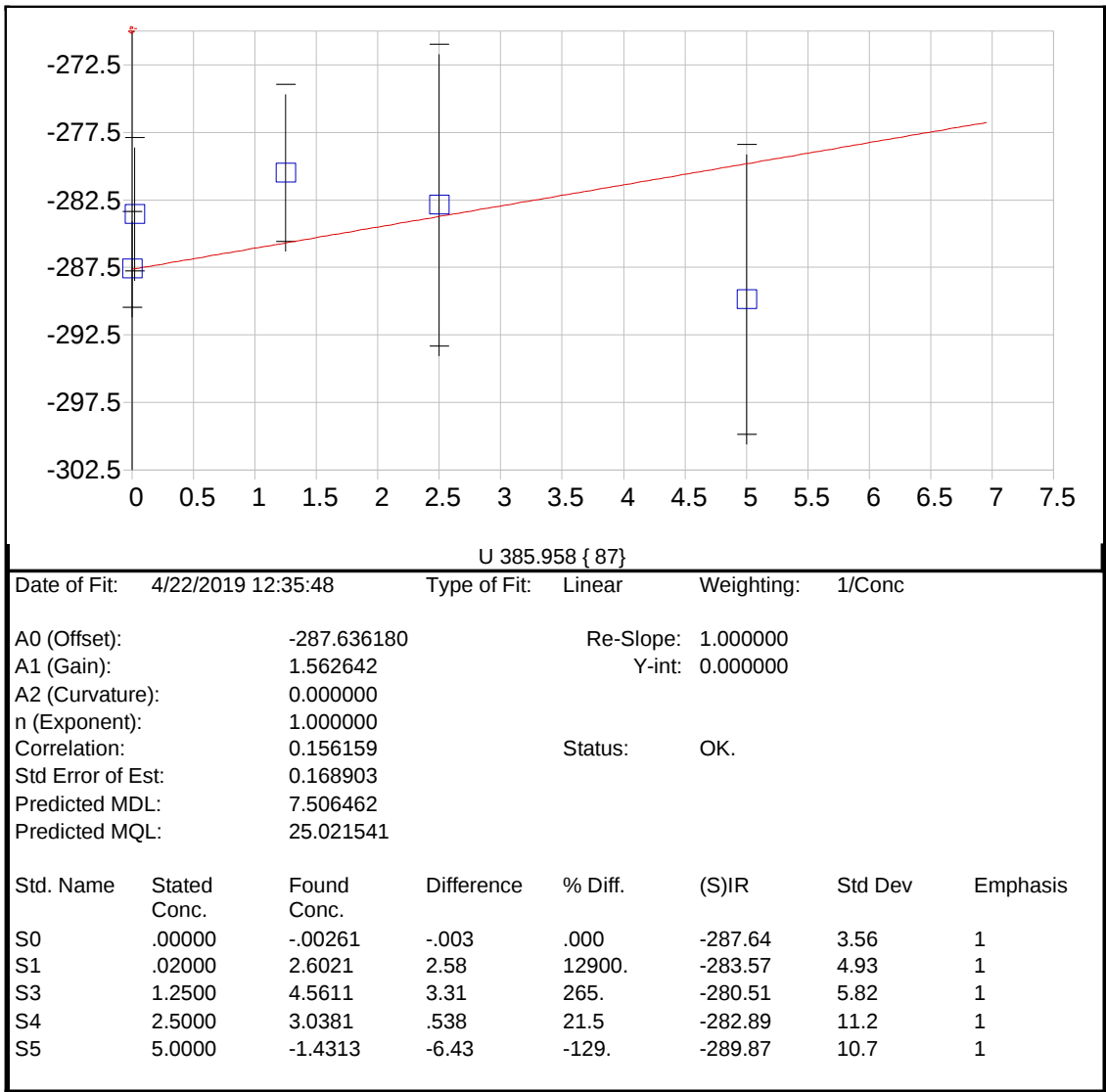


U 367.007 { 92 }

Date of Fit: 4/22/2019 12:35:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3968.850054 Re-Slope: 1.000000
A1 (Gain): -111.625626 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.870499 Status: Warning Negative Gain
Std Error of Est: 1.078499
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00023	-.000	.000	3968.9	46.3	1
S1	.02000	.24922	.229	1150.	3941.0	24.7	1
S3	1.2500	1.2601	.010	.809	3828.2	15.1	1
S4	2.5000	2.9459	.446	17.8	3640.0	77.6	1
S5	5.0000	4.3147	-.685	-13.7	3487.2	12.6	1



Sample Name: S0 Acquired: 4/22/2019 12:00:20 Type: Cal
Method: P4-ICP2(v3062) 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	.00002	.00021	.00262	-.00018	.00030	.00073	.00130	.00001
Stddev	.00003	.00012	.00008	.00008	.00002	.00005	.00018	.00005
%RSD	151.95	56.513	3.0365	43.912	5.5680	7.4390	14.202	411.67

#1	.00004	.00034	.00265	-.00016	.00031	.00075	.00115	-.00004
#2	.00001	.00019	.00268	-.00011	.00028	.00067	.00150	.00006
#3	-.00001	.00011	.00253	-.00026	.00032	.00078	.00124	.00002

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	-.00035	.00122	-.00003	-.00035	.00243	.00067	.00021	.00005
Stddev	.00018	.00063	.00007	.00007	.00005	.00001	.00004	.00001
%RSD	50.697	51.867	206.56	19.876	1.9133	1.5633	17.778	15.468

#1	-.00055	.00049	-.00006	-.00031	.00238	.00069	.00022	.00004
#2	-.00023	.00157	.00004	-.00032	.00247	.00066	.00024	.00004
#3	-.00027	.00160	-.00008	-.00043	.00243	.00067	.00017	.00005

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	-.00670	.00007	.00517	-.00010	.00158	.00132	-.00013	-.00002
Stddev	.00008	.00007	.00034	.00006	.00005	.00023	.00007	.00001
%RSD	1.2302	99.100	6.5168	57.835	3.3624	17.653	50.604	73.848

#1	-.00666	.00001	.00487	-.00017	.00152	.00105	-.00018	-.00001
#2	-.00680	.00007	.00509	-.00008	.00163	.00146	-.00006	-.00003
#3	-.00666	.00015	.00554	-.00006	.00159	.00144	-.00017	-.00002

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	.00249	.01641	.00045	.00174	.02150	-.0024	-.00355	3968.9
Stddev	.00004	.00040	.00010	.00067	.00221	.0000	.00212	46.3
%RSD	1.7001	2.4092	21.790	38.305	10.264	1.660	59.792	1.1677

#1	.00252	.01640	.00050	.00250	.02120	-.0024	-.00110	3989.6
#2	.00250	.01602	.00052	.00146	.01946	-.0024	-.00463	4001.2
#3	.00244	.01681	.00034	.00126	.02385	-.0023	-.00492	3915.8

Sample Name: S0 Acquired: 4/22/2019 12:00:20 Type: Cal
Method: P4-ICP2(v3062) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-287.64
Stddev	3.56
%RSD	1.2372

#1	-286.61
#2	-284.71
#3	-291.60

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5025.6	60933.	5775.5	72.702	5401.5
Stddev	10.6	328.	40.2	2.460	7.4
%RSD	.21132	.53807	.69556	3.3839	.13721

#1	5013.6	60593.	5730.6	70.805	5393.2
#2	5029.5	61247.	5808.1	71.820	5407.4
#3	5033.7	60958.	5787.8	75.482	5403.8

Sample Name: S1 Acquired: 4/22/2019 12:04:46 Type: Cal
Method: P4-ICP2(v3062) 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	.00104	.00594	.00552	.00112	.00659	.00157	.03003	.00490
Stddev	.00007	.00002	.00012	.00005	.00009	.00005	.00036	.00003
%RSD	6.8652	.41634	2.1850	4.9020	1.3036	3.2369	1.1837	.68995

#1	.00097	.00594	.00553	.00106	.00668	.00152	.03008	.00486
#2	.00111	.00591	.00563	.00111	.00652	.00157	.02965	.00492
#3	.00102	.00596	.00539	.00117	.00657	.00162	.03036	.00490

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	.02222	.00206	.02939	.01776	.00979	.02272	.01729	.00232
Stddev	.00020	.00008	.00036	.00012	.00003	.00014	.00002	.00007
%RSD	.88941	3.9605	1.2084	.66051	.30348	.63199	.08961	2.8592

#1	.02243	.00201	.02914	.01768	.00976	.02261	.01728	.00239
#2	.02204	.00201	.02924	.01770	.00979	.02267	.01731	.00232
#3	.02220	.00215	.02980	.01789	.00982	.02288	.01729	.00226

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	.00837	.07029	.14935	.00020	.00313	.18495	.00805	.01260
Stddev	.00003	.00022	.00036	.00002	.00002	.00060	.00009	.00018
%RSD	.36086	.30857	.24356	8.2469	.67236	.32443	1.0795	1.4301

#1	.00833	.07039	.14916	.00018	.00313	.18471	.00807	.01278
#2	.00837	.07004	.14912	.00022	.00315	.18564	.00811	.01242
#3	.00839	.07043	.14977	.00019	.00311	.18452	.00795	.01261

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04922	-.0010	.20912	3941.0	-283.57
Stddev	.00093	.0000	.00046	24.7	4.93
%RSD	1.8875	3.308	.22098	.62712	1.7399

#1	.05022	-.0010	.20966	3942.8	-281.49
#2	.04839	-.0010	.20885	3915.5	-280.01
#3	.04904	-.0010	.20887	3964.8	-289.20

Sample Name: S1 Acquired: 4/22/2019 12:04:46 Type: Cal
Method: P4-ICP2(v3062) 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	5001.9	60864.	5808.5	74.452	5314.0
Stddev	4.1	72.	25.0	.719	9.8
%RSD	.08188	.11762	.43111	.96627	.18382
#1	4999.0	60867.	5788.6	74.534	5305.0
#2	5000.2	60934.	5800.2	73.695	5312.6
#3	5006.6	60791.	5836.6	75.127	5324.4

Sample Name: S2 Acquired: 4/22/2019 12:09:10 Type: Cal
Method: P4-ICP2(v3062) 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	.09877	.00131	.05486	.01550
Stddev	.00076	.00002	.00053	.00021
%RSD	.76560	1.4614	.96622	1.3803

#1	.09964	.00133	.05544	.01575
#2	.09843	.00129	.05474	.01534
#3	.09825	.00130	.05440	.01543

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	61218.	5912.5
Stddev	495.	3.9
%RSD	.80936	.06648

#1	60776.	5909.7
#2	61124.	5910.8
#3	61754.	5917.0

Sample Name: S3 Acquired: 4/22/2019 12:13:26 Type: Cal
Method: P4-ICP2(v3062) 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	.11636	.34597	.66040	.15517	.31700	.03773	1.3948	.09769
Stddev	.00029	.00120	.00061	.00013	.00063	.00030	.0104	.00037
%RSD	.24941	.34734	.09246	.08683	.19987	.79147	.74384	.38155

#1	.11620	.34717	.66039	.15503	.31752	.03738	1.3828	.09728
#2	.11618	.34597	.66101	.15517	.31719	.03789	1.4005	.09775
#3	.11669	.34477	.65979	.15530	.31629	.03791	1.4011	.09802

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.6796	.56937	.09829	1.2642	.45332	.21966	1.3032	.00752
Stddev	.0040	.00333	.00020	.0001	.00092	.00022	.0010	.00008
%RSD	.08501	.58437	.20655	.00411	.20388	.09968	.07986	1.0120

#1	4.6782	.56576	.09849	1.2642	.45426	.21949	1.3020	.00744
#2	4.6841	.57230	.09828	1.2642	.45241	.21959	1.3038	.00758
#3	4.6766	.57006	.09808	1.2643	.45330	.21991	1.3037	.00755

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	.73011	.13354	.31335	.26013	2.1665	.08814	1.7788	.00466
Stddev	.00137	.00020	.00281	.00042	.0012	.00106	.0037	.00004
%RSD	.18809	.14839	.89539	.16220	.05622	1.1974	.20741	.76127

#1	.72936	.13374	.31011	.26058	2.1671	.08701	1.7758	.00462
#2	.72928	.13335	.31483	.26005	2.1651	.08911	1.7778	.00468
#3	.73170	.13354	.31510	.25974	2.1672	.08831	1.7829	.00469

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	.10550	1.0508	.47415	.68588	3.4678	.1840	25.876	3828.2
Stddev	.00024	.0040	.00117	.00326	.0237	.0005	.095	15.1
%RSD	.22863	.38310	.24779	.47517	.68466	.2812	.36629	.39435

#1	.10533	1.0555	.47521	.68301	3.4678	.1843	25.815	3818.7
#2	.10578	1.0485	.47288	.68521	3.4440	.1844	25.827	3845.6
#3	.10539	1.0485	.47435	.68942	3.4915	.1834	25.985	3820.3

Sample Name: S3 Acquired: 4/22/2019 12:13:26 Type: Cal
Method: P4-ICP2(v3062) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-280.51
Stddev	5.82
%RSD	2.0763

#1	-277.05
#2	-287.23
#3	-277.25

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4897.5	59553.	5861.5	72.349	4997.3
Stddev	2.3	129.	33.4	1.246	6.9
%RSD	.04763	.21686	.56899	1.7220	.13861

#1	4895.1	59651.	5830.1	71.226	4996.2
#2	4897.7	59601.	5896.5	73.689	4991.0
#3	4899.8	59407.	5857.9	72.131	5004.7

Sample Name: S4 Acquired: 4/22/2019 12:17:24 Type: Cal
Method: P4-ICP2(v3062) 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	.22436	.66173	1.2747	.29954	.61147	.07211	2.6945	.18672
Stddev	.00030	.00149	.0041	.00063	.00029	.00007	.0187	.00035
%RSD	.13574	.22561	.32498	.21154	.04745	.09902	.69563	.18794
#1	.22419	.66001	1.2752	.30008	.61139	.07218	2.6837	.18650
#2	.22418	.66270	1.2703	.29971	.61123	.07204	2.7162	.18653
#3	.22471	.66247	1.2785	.29884	.61180	.07212	2.6837	.18712
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.0999	1.0728	.18642	2.4509	.85610	.41179	2.4711	.01442
Stddev	.0213	.0075	.00054	.0050	.00152	.00052	.0060	.00002
%RSD	.23447	.69923	.29137	.20204	.17799	.12590	.24064	.14872
#1	9.0947	1.0649	.18582	2.4503	.85487	.41121	2.4702	.01441
#2	9.0816	1.0737	.18689	2.4462	.85563	.41199	2.4658	.01444
#3	9.1233	1.0799	.18655	2.4561	.85780	.41219	2.4775	.01440
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	1.4088	.25452	.60201	.49444	4.1992	.16876	3.3805	.00909
Stddev	.0032	.00049	.00473	.00111	.0033	.00140	.0025	.00007
%RSD	.22636	.19253	.78567	.22376	.07847	.82905	.07474	.80588
#1	1.4101	.25447	.59963	.49456	4.2020	.16774	3.3799	.00901
#2	1.4052	.25504	.60745	.49328	4.1956	.17035	3.3832	.00916
#3	1.4111	.25406	.59894	.49549	4.2000	.16818	3.3782	.00910
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	.20573	1.9920	.90787	1.3092	6.5403	.3651	48.995	3640.0
Stddev	.00017	.0121	.00116	.0047	.0043	.0006	.196	77.6
%RSD	.08409	.60819	.12788	.35773	.06603	.1540	.40055	2.1332
#1	.20556	1.9782	.90892	1.3056	6.5389	.3644	48.772	3633.8
#2	.20591	1.9970	.90662	1.3074	6.5368	.3655	49.140	3720.6
#3	.20573	2.0009	.90808	1.3145	6.5451	.3652	49.075	3565.6

Sample Name: S4 Acquired: 4/22/2019 12:17:24 Type: Cal
Method: P4-ICP2(v3062) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-282.89
Stddev	11.20
%RSD	3.9574

#1	-276.92
#2	-295.80
#3	-275.94

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4752.9	58184.	5842.5	70.910	4751.4
Stddev	.3	198.	8.3	2.134	4.8
%RSD	.00538	.34107	.14158	3.0098	.10051

#1	4753.1	58145.	5849.4	68.463	4748.2
#2	4752.6	58008.	5844.7	72.390	4756.9
#3	4752.9	58399.	5833.3	71.877	4749.1

Sample Name: S5 Acquired: 4/22/2019 12:21:24 Type: Cal
Method: P4-ICP2(v3062) 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	.45553	1.3196	2.5764	.60233	1.2406	.14732	5.4101	.37562
Stddev	.00075	.0035	.0018	.00111	.0026	.00094	.0457	.00039
%RSD	.16484	.26202	.07054	.18487	.21140	.64042	.84501	.10459
#1	.45489	1.3208	2.5743	.60109	1.2392	.14683	5.3661	.37520
#2	.45534	1.3224	2.5774	.60264	1.2391	.14673	5.4069	.37568
#3	.45635	1.3157	2.5775	.60325	1.2437	.14841	5.4574	.37598
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	18.433	2.1205	.36928	4.9946	1.6928	.81522	4.8664	.02931
Stddev	.009	.0063	.00014	.0008	.0026	.00133	.0394	.00032
%RSD	.04907	.29943	.03905	.01639	.15515	.16332	.80894	1.0753
#1	18.423	2.1136	.36912	4.9949	1.6904	.81544	4.8487	.02898
#2	18.439	2.1260	.36932	4.9937	1.6923	.81379	4.8389	.02936
#3	18.438	2.1220	.36940	4.9953	1.6956	.81642	4.9115	.02960
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.8479	.51199	1.2264	.99146	8.5914	.34341	6.7299	.01866
Stddev	.0016	.00105	.0088	.00123	.0037	.00330	.0006	.00020
%RSD	.05694	.20486	.71887	.12416	.04275	.96104	.00953	1.0728
#1	2.8498	.51112	1.2179	.99256	8.5908	.33970	6.7293	.01844
#2	2.8471	.51169	1.2259	.99013	8.5881	.34450	6.7306	.01873
#3	2.8469	.51315	1.2355	.99169	8.5954	.34602	6.7297	.01882
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	.42689	3.9038	1.8285	2.6094	13.112	.7565	96.039	3487.2
Stddev	.00069	.0211	.0017	.0063	.065	.0018	.430	12.6
%RSD	.16075	.54176	.09466	.24228	.49276	.2386	.44747	.36255
#1	.42661	3.9165	1.8282	2.6106	13.182	.7551	95.937	3472.7
#2	.42767	3.9155	1.8303	2.6151	13.097	.7585	96.511	3495.9
#3	.42638	3.8794	1.8269	2.6026	13.055	.7560	95.670	3493.0

Sample Name: S5 Acquired: 4/22/2019 12:21:24 Type: Cal
Method: P4-ICP2(v3062) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-289.87
Stddev	10.73
%RSD	3.7034

#1	-296.54
#2	-295.59
#3	-277.49

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4635.3	57269.	5892.6	70.790	4529.8
Stddev	9.9	174.	29.1	.218	7.1
%RSD	.21441	.30389	.49405	.30724	.15603

#1	4637.7	57444.	5880.0	70.575	4529.1
#2	4643.8	57266.	5871.8	70.786	4537.2
#3	4624.4	57096.	5925.8	71.010	4523.1

Sample Name: ICV01 Acquired: 4/22/2019 12:42:11 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0296	1.0755	1.0283	1.0144	1.0119	2.5725	.50918
Stddev	.0040	.0013	.0015	.0033	.0029	.0128	.00137
%RSD	.39115	.12363	.14539	.32549	.28129	.49819	.26948

#1	1.0340	1.0740	1.0297	1.0175	1.0133	2.5786	.50989
#2	1.0284	1.0761	1.0267	1.0149	1.0087	2.5811	.50759
#3	1.0263	1.0765	1.0286	1.0110	1.0138	2.5578	.51004

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49885	.49428	10.386	.50599	.51292	.51375	5.1882
Stddev	.00010	.00099	.067	.00032	.00038	.00119	.0130
%RSD	.02008	.19962	.64450	.06340	.07455	.23220	.25057

#1	.49875	.49376	10.376	.50572	.51284	.51505	5.1753
#2	.49894	.49366	10.458	.50635	.51257	.51347	5.1880
#3	.49887	.49542	10.325	.50592	.51333	.51272	5.2013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52244	6.1023	.50882	.51939	10.067	.49628	.99491
Stddev	.00048	.0610	.00114	.00061	.029	.00091	.00089
%RSD	.09279	.99910	.22453	.11714	.29166	.18320	.08900

#1	.52215	6.0760	.51013	.51871	10.080	.49525	.99589
#2	.52300	6.0588	.50805	.51956	10.034	.49662	.99417
#3	.52216	6.1719	.50828	.51989	10.089	.49697	.99468

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9278	2.5756	2.5319	2.4076	2.3787	2.4837	F 2.6354
Stddev	.0265	.0043	.0231	.0099	.0038	.0060	.0112
%RSD	.26699	.16529	.91152	.41225	.15883	.24351	.42504

#1	9.9381	2.5790	2.5176	2.4182	2.3830	2.4906	2.6475
#2	9.8976	2.5770	2.5585	2.4063	2.3763	2.4794	2.6332
#3	9.9475	2.5708	2.5196	2.3985	2.3766	2.4810	2.6254

Sample Name: ICV01 Acquired: 4/22/2019 12:42:11 Type: Unk
 Method: P4-ICP2(v3062) 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 -.00211	F -.0022	F .00616	F 3.0881	F 7.3036
Stddev	.00061	.0011	.00003	.1216	4.1243
%RSD	28.960	51.68	.53459	3.9393	56.470
#1	-.00146	-.0032	.00619	3.1849	10.771
#2	-.00222	-.0010	.00617	2.9516	2.7429
#3	-.00267	-.0024	.00612	3.1279	8.3964
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4751.1	59803.	5983.2	72.874	4993.0
Stddev	7.7	72.	26.0	1.844	2.4
%RSD	.16189	.11973	.43522	2.5306	.04895
#1	4745.4	59752.	5973.0	74.666	4990.4
#2	4748.2	59773.	5963.9	70.982	4995.3
#3	4759.9	59885.	6012.8	72.973	4993.3

Sample Name: LLICV01 Acquired: 4/22/2019 12:50:41 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02152	.04303	.01183	.02314	.05342	.10061	.10686
Stddev	.00128	.00093	.00024	.00072	.00070	.00287	.00137
%RSD	5.9283	2.1599	2.0256	3.1037	1.3131	2.8561	1.2856

#1	.02272	.04376	.01183	.02270	.05262	.09952	.10534
#2	.02018	.04199	.01206	.02397	.05395	.09843	.10802
#3	.02166	.04335	.01159	.02276	.05369	.10387	.10721

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00658	.00605	2.1356	.01055	.03067	.01852	.10952
Stddev	.00004	.00004	.0189	.00039	.00024	.00007	.00073
%RSD	.68378	.60765	.88710	3.7428	.79185	.39500	.66993

#1	.00661	.00608	2.1149	.01048	.03086	.01860	.10868
#2	.00660	.00601	2.1397	.01097	.03039	.01851	.10984
#3	.00653	.00606	2.1521	.01019	.03075	.01846	.11004

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02313	2.0707	.04169	.01114	1.9991	.04083	.04047
Stddev	.00002	.0372	.00023	.00026	.0218	.00022	.00011
%RSD	.07469	1.7965	.54469	2.3098	1.0897	.53462	.27356

#1	.02311	2.0376	.04145	.01109	1.9747	.04058	.04046
#2	.02314	2.1110	.04172	.01092	2.0165	.04094	.04036
#3	.02315	2.0635	.04191	.01143	2.0063	.04098	.04058

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9944	.21732	.11482	F -.00523	.38513	.03930	.04266
Stddev	.0016	.00068	.01249	.00171	.00169	.00044	.00066
%RSD	.08150	.31497	10.881	32.636	.43886	1.1274	1.5528

#1	1.9926	.21781	.10472	-.00659	.38527	.03972	.04196
#2	1.9956	.21654	.11095	-.00331	.38338	.03934	.04327
#3	1.9951	.21762	.12879	-.00578	.38675	.03884	.04276

Sample Name: LLICV01 Acquired: 4/22/2019 12:50:41 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01940	.0163	.02152	F 3.0171	F 8.7552
Stddev	.00235	.0003	.00004	.0422	2.9772
%RSD	12.138	1.728	.20726	1.3992	34.006
#1	.01677	.0160	.02149	3.0658	10.692
#2	.02011	.0164	.02157	2.9933	5.3270
#3	.02132	.0166	.02150	2.9922	10.247
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4774.4	60543.	6006.6	72.793	5195.6
Stddev	16.6	132.	31.3	2.208	15.3
%RSD	.34753	.21755	.52184	3.0332	.29440
#1	4756.6	60588.	5996.0	72.318	5178.6
#2	4776.9	60646.	6041.9	75.200	5208.2
#3	4789.5	60395.	5981.9	70.861	5200.1

Sample Name: ICB01 Acquired: 4/22/2019 13:04:23 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00137	.00065	-.00089	.00342	-.00101	-.02022	.00006
Stddev	.00066	.00117	.00106	.00078	.00051	.00750	.00017
%RSD	48.147	180.60	119.42	22.703	50.434	37.078	306.13

#1	.00062	.00189	-.00205	.00286	-.00044	-.02845	-.00011
#2	.00186	.00051	.00002	.00309	-.00143	-.01846	.00005
#3	.00163	-.00045	-.00063	.00430	-.00117	-.01376	.00023

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00003	-.00619	-.00002	.00002	-.00039	-.00042
Stddev	.00003	.00008	.00501	.00029	.00005	.00023	.00021
%RSD	98.521	257.45	80.949	1285.3	264.57	58.990	50.444

#1	.00004	.00006	-.00113	-.00002	-.00002	-.00040	-.00048
#2	-.00000	.00009	-.01115	.00026	.00007	-.00061	-.00018
#3	.00005	-.00006	-.00629	-.00031	.00001	-.00015	-.00059

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.03829	.00055	.00051	-.15415	-.00014	-.00004
Stddev	.00002	.04640	.00037	.00040	.00508	.00020	.00008
%RSD	36.292	121.17	67.533	78.575	3.2923	147.34	177.53

#1	-.00004	-.06829	.00013	.00005	-.15579	.00003	.00005
#2	-.00009	-.06174	.00085	.00074	-.14846	-.00008	-.00009
#3	-.00005	.01515	.00066	.00075	-.15821	-.00036	-.00009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09312	.00013	.01803	F -.02759	.00046	-.00043	-.00047
Stddev	.00810	.00002	.00953	.00188	.00081	.00086	.00146
%RSD	8.6954	12.266	52.830	6.7968	175.27	197.61	309.65

#1	-.09389	.00015	.01366	-.02621	.00139	.00055	-.00176
#2	-.08467	.00013	.02896	-.02683	.00007	-.00087	.00112
#3	-.10081	.00012	.01148	-.02973	-.00008	-.00098	-.00078

Sample Name: ICB01 Acquired: 4/22/2019 13:04:23 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00188	-0.0023	-0.00025	F 4.5361	F 6.7535
Stddev	.00138	.0003	.00009	.0471	5.3701
%RSD	73.654	12.54	37.341	1.0372	79.516

#1	-0.00158	-0.0021	-0.00018	4.5779	10.902
#2	-0.00339	-0.0027	-0.00021	4.4851	.68801
#3	-0.00067	-0.0023	-0.00035	4.5452	8.6704

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4728.6	60800.	5974.2	73.928	5221.0
Stddev	13.5	93.	66.7	.952	7.6
%RSD	.28506	.15239	1.1167	1.2871	.14507

#1	4715.2	60728.	5916.5	72.834	5212.4
#2	4728.3	60768.	6047.3	74.564	5223.8
#3	4742.2	60904.	5959.0	74.386	5226.8

Sample Name: CRI01 Acquired: 4/22/2019 13:08:51 Type: Unk
Method: P4-ICP2(v3062) 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	.02222	.04403	.01222	.02233	.05452	.09512	.10589
Stddev	.00080	.00085	.00115	.00243	.00098	.00839	.00085
%RSD	3.6013	1.9303	9.4024	10.901	1.7992	8.8213	.80070

#1	.02280	.04433	.01239	.01952	.05564	.08751	.10492
#2	.02131	.04469	.01099	.02380	.05403	.10412	.10648
#3	.02256	.04307	.01327	.02366	.05387	.09373	.10628

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00652	.00600	2.1257	.01048	.03069	.01857	.10923
Stddev	.00020	.00002	.0224	.00035	.00022	.00009	.00026
%RSD	3.0924	.34732	1.0520	3.3208	.73139	.50910	.24196

#1	.00668	.00600	2.1003	.01072	.03045	.01867	.10932
#2	.00629	.00597	2.1345	.01063	.03073	.01850	.10893
#3	.00658	.00601	2.1424	.01008	.03089	.01853	.10943

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02317	2.0390	.04168	.01145	1.9764	.04050	.04051
Stddev	.00006	.0362	.00017	.00016	.0121	.00006	.00018
%RSD	.27371	1.7752	.41022	1.4026	.61265	.13590	.44099

#1	.02320	2.0045	.04185	.01127	1.9631	.04056	.04053
#2	.02309	2.0767	.04151	.01159	1.9790	.04047	.04032
#3	.02320	2.0358	.04168	.01149	1.9869	.04046	.04068

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9447	.21603	.11852	F -.01009	.37531	.03929	.04180
Stddev	.0303	.00044	.00215	.00155	.00428	.00080	.00108
%RSD	1.5601	.20464	1.8130	15.323	1.1409	2.0476	2.5760

#1	1.9798	.21635	.11627	-.01085	.37838	.03870	.04223
#2	1.9274	.21553	.11875	-.00831	.37042	.04021	.04260
#3	1.9270	.21622	.12055	-.01112	.37714	.03897	.04057

Sample Name: CRI01 Acquired: 4/22/2019 13:08:51 Type: Unk
Method: P4-ICP2(v3062) 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	.01766	.0170	.02144	F 3.8982	F 13.627
Stddev	.00182	.0019	.00006	.3535	3.413
%RSD	10.296	11.02	.27069	9.0695	25.045
#1	.01826	.0169	.02146	3.5162	14.710
#2	.01910	.0152	.02149	3.9644	16.368
#3	.01562	.0190	.02138	4.2139	9.8045
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4735.0	60584.	5996.4	73.943	5159.2
Stddev	9.9	145.	31.6	.944	11.2
%RSD	.20948	.23998	.52726	1.2760	.21729
#1	4724.5	60437.	5961.8	74.525	5156.2
#2	4744.3	60587.	6003.8	72.855	5171.6
#3	4736.3	60728.	6023.8	74.450	5149.8

Sample Name: ICSA01 Acquired: 4/22/2019 13:13:15 Type: Unk
Method: P4-ICP2(v3062) 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	-.00349	.01172	.00145	.01295	.00354	277.82	.00676	.00262
Stddev	.00157	.00262	.00136	.00443	.00062	1.02	.00030	.00017
%RSD	44.843	22.319	94.149	34.199	17.417	.36657	4.5099	6.4208

#1	-.00530	.01471	.00057	.01146	.00424	278.62	.00682	.00277
#2	-.00255	.00986	.00302	.00945	.00311	276.68	.00702	.00264
#3	-.00263	.01059	.00075	.01792	.00326	278.17	.00642	.00244

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00121	254.38	.04790	-.00067	-.00281	98.316	.01579	280.01
Stddev	.00016	.48	.00042	.00012	.00029	.438	.00006	1.18
%RSD	12.928	.18933	.88466	17.435	10.457	.44582	.40279	.42035

#1	-.00137	253.95	.04792	-.00063	-.00314	98.822	.01583	280.04
#2	-.00106	254.90	.04832	-.00058	-.00258	98.070	.01572	278.82
#3	-.00119	254.28	.04747	-.00080	-.00270	98.056	.01582	281.18

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01319	-.00476	-.07936	.00137	-.01460	-.01874	-.00050	.06682
Stddev	.00040	.00025	.00986	.00023	.00011	.04428	.00019	.00499
%RSD	3.0676	5.2280	12.423	16.527	.73931	236.25	38.449	7.4740

#1	-.01281	-.00500	-.08923	.00112	-.01472	-.06863	-.00045	.07081
#2	-.01361	-.00479	-.07934	.00157	-.01451	-.00352	-.00034	.06842
#3	-.01316	-.00450	-.06951	.00141	-.01458	.01591	-.00072	.06122

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00328	-.00432	.00306	-.00207	.01021	-.0048	-.00139	8.0076
Stddev	.00258	.00091	.00034	.00175	.00250	.0009	.00053	.0361
%RSD	78.609	21.035	11.014	84.283	24.514	18.08	37.992	.45027

#1	.00121	-.00537	.00278	-.00145	.00755	-.0044	-.00194	8.0062
#2	.00247	-.00380	.00297	-.00405	.01057	-.0058	-.00089	7.9724
#3	.00617	-.00379	.00343	-.00072	.01252	-.0042	-.00135	8.0444

Sample Name: ICSA01 Acquired: 4/22/2019 13:13:15 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	7.2961
Stddev	2.0028
%RSD	27.451

#1	6.7418
#2	9.5177
#3	5.6288

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4175.4	53333.	5675.0	65.995	4083.9
Stddev	12.0	145.	31.8	1.578	8.4
%RSD	.28654	.27201	.56107	2.3910	.20539

#1	4163.4	53168.	5668.5	64.314	4075.3
#2	4187.4	53440.	5647.0	66.228	4092.0
#3	4175.4	53392.	5709.6	67.444	4084.6

Sample Name: ICSAB01 Acquired: 4/22/2019 13:17:54 Type: Unk
Method: P4-ICP2(v3062) 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	.10692	.12237	.05407	.06572	.66203	262.04	.57532
Stddev	.00276	.00136	.00219	.00167	.00275	.21	.00059
%RSD	2.5794	1.1075	4.0501	2.5376	.41602	.08204	.10212

#1	.10879	.12388	.05658	.06468	.66349	262.26	.57537
#2	.10823	.12127	.05256	.06764	.65885	262.01	.57471
#3	.10376	.12194	.05306	.06483	.66374	261.84	.57588

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57896	1.0513	241.76	.57100	.54159	.50718	93.258
Stddev	.00128	.0025	1.06	.00340	.00065	.00074	.333
%RSD	.22160	.23930	.43922	.59575	.11987	.14664	.35658

#1	.57899	1.0496	241.59	.57015	.54085	.50641	93.642
#2	.57767	1.0502	240.79	.56809	.54190	.50726	93.066
#3	.58023	1.0542	242.89	.57474	.54204	.50789	93.065

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.56102	264.96	1.0364	.22222	-.08650	.52905	1.1309
Stddev	.00167	.36	.0030	.00027	.00909	.00238	.0022
%RSD	.29690	.13708	.28793	.12100	10.506	.45060	.18967

#1	.56086	265.21	1.0356	.22249	-.09409	.52971	1.1301
#2	.55945	265.12	1.0338	.22224	-.07643	.52641	1.1294
#3	.56277	264.54	1.0397	.22195	-.08899	.53104	1.1334

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02218	1.1108	F 1.2568	1.0639	.95229	1.1016	1.1419
Stddev	.00510	.0014	.0019	.0019	.00756	.0035	.0018
%RSD	22.988	.12690	.15143	.17415	.79346	.31706	.15863

#1	-.01696	1.1092	1.2573	1.0637	.94974	1.0999	1.1399
#2	-.02243	1.1113	1.2584	1.0658	.94634	1.0992	1.1426
#3	-.02715	1.1119	1.2547	1.0621	.96079	1.1056	1.1433

Sample Name: ICSAB01 Acquired: 4/22/2019 13:17:54 Type: Unk
 Method: P4-ICP2(v3062) 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 .00897	F -.0010	F -.00173	8.5349	17.872
Stddev	.00127	.0016	.00054	.1798	6.471
%RSD	14.205	153.5	31.175	2.1070	36.207
#1	.00794	-.0012	-.00229	8.6061	24.821
#2	.00857	.0006	-.00167	8.3304	16.775
#3	.01039	-.0025	-.00122	8.6682	12.019
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4205.5	54223.	5734.5	67.168	4115.6
Stddev	7.3	195.	25.4	2.438	4.4
%RSD	.17293	.35914	.44247	3.6302	.10747
#1	4210.4	54006.	5719.3	68.012	4120.2
#2	4197.2	54381.	5763.8	69.072	4111.4
#3	4209.0	54284.	5720.3	64.420	4115.2

Sample Name: CCV01 Acquired: 4/22/2019 13:22:19 Type: Unk
Method: P4-ICP2(v3062) 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	5.0929	5.0718	5.0608	5.0229	5.0901	9.7621	9.9535	.25306
Stddev	.0079	.0111	.0099	.0165	.0048	.0110	.0627	.00146
%RSD	.15545	.21920	.19561	.32788	.09465	.11253	.63020	.57813
#1	5.0839	5.0656	5.0530	5.0417	5.0890	9.7725	9.9252	.25422
#2	5.0988	5.0847	5.0720	5.0165	5.0954	9.7630	10.025	.25356
#3	5.0960	5.0652	5.0575	5.0107	5.0860	9.7506	9.9098	.25142
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4568	24.749	.97206	2.5342	1.2465	4.9694	2.5540	24.738
Stddev	.0026	.118	.00062	.0041	.0034	.0050	.0036	.166
%RSD	.10551	.47575	.06355	.16015	.27222	.10093	.14249	.67141
#1	2.4557	24.716	.97268	2.5351	1.2493	4.9732	2.5566	24.679
#2	2.4598	24.652	.97205	2.5378	1.2475	4.9637	2.5556	24.925
#3	2.4550	24.880	.97144	2.5298	1.2427	4.9714	2.5499	24.609
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4678	1.2392	24.761	2.4254	2.4909	24.153	4.9773	5.0178
Stddev	.0006	.0031	.144	.0062	.0030	.182	.0085	.0487
%RSD	.02318	.25083	.57986	.25462	.11908	.75206	.17141	.97013
#1	2.4672	1.2427	24.684	2.4320	2.4911	24.067	4.9827	4.9881
#2	2.4684	1.2370	24.927	2.4244	2.4938	24.362	4.9818	5.0740
#3	2.4679	1.2378	24.673	2.4198	2.4878	24.030	4.9675	4.9914
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7923	F 4.5942	4.7919	5.0222	4.7623	4.933	5.0178	F 8.6852
Stddev	.0093	.0309	.0048	.0181	.0275	.014	.0154	.2250
%RSD	.19426	.67176	.10032	.35960	.57798	.2795	.30679	2.5900
#1	4.8002	4.6088	4.7889	5.0296	4.7875	4.932	5.0355	8.4808
#2	4.7945	4.5588	4.7975	5.0016	4.7329	4.946	5.0082	8.9262
#3	4.7820	4.6151	4.7894	5.0354	4.7664	4.919	5.0096	8.6487

Sample Name: CCV01 Acquired: 4/22/2019 13:22:19 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F .38281
Stddev 3.4646
%RSD 905.03

#1 2.1600
#2 -3.6097
#3 2.5982

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4520.9	58153.	5907.7	70.546	4594.6
Stddev	13.5	79.	32.4	1.047	11.2
%RSD	.29914	.13584	.54808	1.4845	.24433

#1	4508.3	58232.	5884.9	71.001	4583.8
#2	4519.3	58074.	5944.8	71.289	4593.7
#3	4535.2	58151.	5893.5	69.348	4606.2

Sample Name: LLCCV01 Acquired: 4/22/2019 13:26:18 Type: Unk
Method: P4-ICP2(v3062) 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	.02172	.04564	.01222	.02365	.05396	.09494	.10670
Stddev	.00299	.00128	.00015	.00115	.00174	.01544	.00070
%RSD	13.787	2.8023	1.2228	4.8473	3.2332	16.262	.65814

#1	.01876	.04683	.01206	.02256	.05590	.07887	.10601
#2	.02166	.04429	.01225	.02354	.05252	.09629	.10670
#3	.02475	.04582	.01235	.02484	.05347	.10966	.10741

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00664	.00611	2.1395	.01043	.03101	.01886	.10772
Stddev	.00005	.00009	.0102	.00024	.00009	.00011	.00046
%RSD	.75884	1.4778	.47810	2.2952	.27547	.56813	.43090

#1	.00669	.00616	2.1299	.01053	.03105	.01885	.10728
#2	.00661	.00616	2.1384	.01060	.03091	.01898	.10820
#3	.00660	.00600	2.1503	.01015	.03107	.01877	.10767

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02334	2.0875	.04161	.01153	1.9763	.04129	.04081
Stddev	.00005	.0199	.00044	.00045	.0106	.00049	.00011
%RSD	.22075	.95437	1.0597	3.8959	.53604	1.1834	.26454

#1	.02337	2.0951	.04122	.01203	1.9684	.04108	.04079
#2	.02338	2.0649	.04151	.01137	1.9883	.04185	.04072
#3	.02328	2.1025	.04209	.01117	1.9722	.04094	.04093

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9575	.21949	F .12836	F -.00886	.38166	.03921	.04199
Stddev	.0127	.00081	.01116	.00258	.00422	.00085	.00209
%RSD	.64724	.37009	8.6974	29.179	1.1048	2.1735	4.9820

#1	1.9618	.22043	.14108	-.00706	.38652	.03947	.04430
#2	1.9675	.21896	.12020	-.01182	.37899	.03991	.04023
#3	1.9433	.21909	.12381	-.00769	.37946	.03826	.04144

Sample Name: LLCCV01 Acquired: 4/22/2019 13:26:18 Type: Unk
Method: P4-ICP2(v3062) 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	.01810	F .0160	.02163	F 6.6274	F 2.8357
Stddev	.00039	.0003	.00017	.2732	2.0238
%RSD	2.1512	1.922	.76742	4.1220	71.368
#1	.01855	.0162	.02159	6.6948	.56803
#2	.01796	.0156	.02149	6.8606	4.4584
#3	.01781	.0161	.02182	6.3268	3.4808
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4691.3	60798.	5970.8	74.437	5118.0
Stddev	20.7	196.	22.6	1.407	7.5
%RSD	.44092	.32233	.37931	1.8900	.14640
#1	4668.2	60939.	5945.2	73.845	5111.8
#2	4708.0	60880.	5988.3	76.043	5126.4
#3	4697.9	60574.	5978.8	73.423	5116.0

Sample Name: CCB01 Acquired: 4/22/2019 13:30:44 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	.00082	.00002	-.00036	-.00076	-.02097	.00014
Stddev	.00089	.00066	.00054	.00129	.00048	.00602	.00047
%RSD	104.16	80.886	2721.4	360.58	63.039	28.707	345.17

#1	-.00118	.00018	.00002	-.00111	-.00045	-.01900	.00040
#2	.00015	.00150	-.00052	.00113	-.00052	-.02772	-.00041
#3	-.00153	.00076	.00056	-.00109	-.00131	-.01618	.00042

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00001	-.01481	.00000	.00006	-.00030	-.00035
Stddev	.00006	.00003	.00501	.00037	.00020	.00056	.00019
%RSD	564.00	257.41	33.804	17380.	317.45	188.18	53.783

#1	-.00005	.00000	-.02058	-.00021	-.00016	.00034	-.00014
#2	-.00005	.00005	-.01159	.00043	.00011	-.00071	-.00051
#3	.00006	-.00001	-.01227	-.00022	.00024	-.00052	-.00039

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	-.03330	.00063	.00046	-.17266	.00014	-.00004
Stddev	.00007	.03093	.00023	.00022	.00392	.00020	.00003
%RSD	84.855	92.874	36.775	48.422	2.2683	138.78	70.414

#1	-.00007	-.04324	.00048	.00031	-.17576	-.00004	-.00004
#2	-.00017	.00137	.00090	.00035	-.17395	.00011	-.00008
#3	-.00002	-.05804	.00052	.00071	-.16826	.00036	-.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07398	.00025	.01117	F -.03273	-.00016	.00020	.00040
Stddev	.03091	.00005	.00609	.00188	.00084	.00030	.00066
%RSD	41.780	19.993	54.538	5.7373	517.31	148.68	163.05

#1	-.03891	.00020	.00534	-.03111	-.00048	-.00015	-.00000
#2	-.08581	.00030	.01750	-.03479	-.00080	.00038	.00117
#3	-.09723	.00026	.01068	-.03229	.00079	.00038	.00005

Sample Name: CCB01 Acquired: 4/22/2019 13:30:44 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00271	-0.0016	-0.00013	F 5.2578	F 2.8589
Stddev	.00086	.0005	.00004	.3340	5.6461
%RSD	31.772	30.67	31.666	6.3532	197.49
#1	-0.00303	-0.0015	-0.00018	5.4465	9.2910
#2	-0.00336	-0.0022	-0.00012	5.4548	.56426
#3	-0.00173	-0.0012	-0.00009	4.8721	-1.2786
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4724.7	60875.	5932.3	73.263	5207.6
Stddev	7.1	68.	12.8	1.137	4.3
%RSD	.15048	.11219	.21600	1.5519	.08217
#1	4722.5	60801.	5934.3	72.968	5209.5
#2	4718.9	60890.	5918.5	74.518	5202.7
#3	4732.6	60935.	5943.9	72.302	5210.6

Sample Name: K2500-01 Acquired: 4/22/2019 13:43:55 Type: Unk
Method: P4-ICP2(v3062) 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	.01478	.01175	1.8752	.09347	.02515	209.63	12.651	.01952
Stddev	.00139	.00175	.0024	.00143	.00270	1.02	.143	.00012
%RSD	9.3794	14.919	.12972	1.5324	10.746	.48472	1.1280	.63692
#1	.01571	.00981	1.8765	.09234	.02438	209.87	12.665	.01966
#2	.01543	.01323	1.8724	.09299	.02815	210.50	12.787	.01945
#3	.01318	.01222	1.8766	.09509	.02291	208.51	12.502	.01944
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06801	322.91	1.4821	.06212	8.2927	349.94	11.643	55.166
Stddev	.00018	1.02	.0023	.00021	.0055	1.97	.057	.260
%RSD	.26621	.31628	.15371	.33988	.06621	.56389	.48559	.47177
#1	.06809	323.98	1.4832	.06190	8.2864	351.07	11.708	55.290
#2	.06781	321.94	1.4836	.06214	8.2953	351.09	11.609	55.342
#3	.06814	322.83	1.4795	.06232	8.2965	347.66	11.612	54.867
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37404	.07935	9.4857	.29899	18.510	16.544	.03980	.12744
Stddev	.00155	.00049	.0551	.00056	.032	.126	.00042	.00605
%RSD	.41484	.61725	.58043	.18799	.17507	.76395	1.0589	4.7448
#1	.37578	.07878	9.4838	.29943	18.547	16.558	.03946	.13067
#2	.37354	.07966	9.5417	.29918	18.488	16.663	.03966	.12047
#3	.37280	.07960	9.4316	.29836	18.493	16.412	.04027	.13119
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.905	1.3513	.66228	1.8721	.04322	F 274.9	2.2295	<.00000
Stddev	.131	.0191	.00112	.0105	.00053	.7	.0058	.42785
%RSD	.48675	1.4129	.16864	.56173	1.2220	.2681	.25976	10.344
#1	27.043	1.3514	.66340	1.8815	.04380	275.7	2.2344	-3.7860
#2	26.889	1.3323	.66117	1.8742	.04277	274.8	2.2231	-4.6130
#3	26.782	1.3704	.66227	1.8607	.04308	274.3	2.2310	-4.0092

Sample Name: K2500-01 Acquired: 4/22/2019 13:43:55 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 455.45
Stddev	15.34
%RSD	3.3685

#1	468.07
#2	438.37
#3	459.89

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4711.2	61470.	6703.6	66.664	4075.6
Stddev	6.6	285.	24.3	1.230	7.4
%RSD	.14026	.46337	.36277	1.8448	.18121

#1	4714.5	61340.	6686.5	65.259	4073.4
#2	4703.6	61273.	6731.4	67.545	4069.6
#3	4715.5	61796.	6692.9	67.187	4083.9

Sample Name: K2502-01 Acquired: 4/22/2019 13:48:33 Type: Unk
Method: P4-ICP2(v3062) 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	.00300	.00224	.09960	.01633	.00088	14.005	.74829	.00111
Stddev	.00182	.00095	.00116	.00148	.00054	.033	.00203	.00001
%RSD	60.587	42.545	1.1662	9.0658	61.119	.23908	.27131	.92179

#1	.00101	.00320	.09826	.01746	.00117	14.032	.74702	.00110
#2	.00458	.00130	.10022	.01686	.00121	14.016	.75063	.00112
#3	.00342	.00223	.10031	.01465	.00026	13.968	.74722	.00110

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00195	23.939	.10879	.00474	.67678	31.003	.80263	5.5838
Stddev	.00004	.049	.00035	.00046	.00177	.035	.00050	.0297
%RSD	1.8018	.20608	.32360	9.7834	.26124	.11176	.06288	.53147

#1	.00200	23.908	.10838	.00481	.67555	31.029	.80321	5.5628
#2	.00194	23.913	.10896	.00425	.67881	30.964	.80234	5.5707
#3	.00193	23.996	.10902	.00517	.67599	31.016	.80234	5.6177

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02764	.00709	4.4333	.02591	1.2516	5.2244	.00774	.05605
Stddev	.00019	.00006	.0084	.00028	.0034	.0318	.00017	.01701
%RSD	.69811	.87274	.18955	1.0631	.27023	.60825	2.1563	30.346

#1	.02767	.00703	4.4249	.02589	1.2478	5.1929	.00771	.04259
#2	.02743	.00715	4.4417	.02619	1.2543	5.2239	.00791	.05040
#3	.02781	.00709	4.4334	.02564	1.2528	5.2564	.00758	.07517

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.1814	1.1435	.03028	.19783	-.00114	F 30.32	.15170	6.2286
Stddev	.0267	.0414	.00083	.00826	.00084	.08	.00100	.3865
%RSD	.32690	3.6173	2.7511	4.1765	73.338	.2597	.65649	6.2047

#1	8.2119	1.1733	.02996	.20702	-.00209	30.23	.15284	5.8873
#2	8.1617	1.1609	.02965	.19545	-.00048	30.34	.15127	6.6482
#3	8.1708	1.0963	.03123	.19101	-.00087	30.38	.15099	6.1502

Sample Name: K2502-01 Acquired: 4/22/2019 13:48:33 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 17.759
Stddev 2.900
%RSD 16.332

#1 19.111
#2 14.430
#3 19.737

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4746.4	62658.	6271.1	76.741	5053.8
Stddev	22.9	47.	21.8	1.698	21.1
%RSD	.48331	.07490	.34700	2.2127	.41746

#1	4771.3	62645.	6246.0	74.820	5077.1
#2	4726.2	62711.	6285.0	78.041	5036.0
#3	4741.6	62620.	6282.3	77.362	5048.5

Sample Name: K2464-01 Acquired: 4/22/2019 14:12:29 Type: Unk
Method: P4-ICP2(v3062) 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	.09652	.00910	2.1579	.04348	.01643	111.45	1.5278	.01445
Stddev	.00146	.00084	.0053	.00214	.00183	.40	.0082	.00027
%RSD	1.5117	9.2782	.24540	4.9323	11.131	.36165	.53632	1.8862
#1	.09490	.01003	2.1520	.04484	.01765	111.09	1.5210	.01439
#2	.09693	.00890	2.1593	.04460	.01731	111.36	1.5255	.01475
#3	.09773	.00837	2.1623	.04101	.01432	111.88	1.5368	.01422
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00499	197.84	.23161	.12064	1.3335	241.79	4.8740	93.651
Stddev	.00011	.68	.00099	.00102	.0027	2.30	.0249	.614
%RSD	2.2383	.34131	.42912	.84613	.20524	.95157	.51077	.65596
#1	.00498	197.09	.23235	.11947	1.3358	239.27	4.8574	93.045
#2	.00511	198.39	.23048	.12113	1.3305	243.77	4.8621	93.633
#3	.00489	198.05	.23199	.12132	1.3343	242.34	4.9026	94.274
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32089	-.01398	1.9438	.31187	2.1453	21.415	.00848	.13680
Stddev	.00059	.00029	.0175	.00086	.0014	.162	.00010	.00462
%RSD	.18423	2.0880	.90032	.27590	.06781	.75727	1.1315	3.3741
#1	.32117	-.01364	1.9245	.31132	2.1439	21.236	.00858	.14213
#2	.32021	-.01413	1.9481	.31142	2.1468	21.460	.00840	.13428
#3	.32129	-.01416	1.9587	.31286	2.1452	21.551	.00845	.13399
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.966	2.0442	.29336	3.4589	.18105	7.050	.27905	<.00000
Stddev	.021	.0100	.00106	.0067	.00185	.007	.00161	.67537
%RSD	.18985	.49041	.36185	.19267	1.0239	.0939	.57757	63.310
#1	10.989	2.0331	.29270	3.4591	.18304	7.054	.28083	-1.8198
#2	10.949	2.0471	.29279	3.4655	.18075	7.042	.27769	-.86590
#3	10.960	2.0525	.29458	3.4522	.17936	7.053	.27863	-.51461

Sample Name: K2464-01 Acquired: 4/22/2019 14:12:29 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 183.36
Stddev	6.16
%RSD	3.3617

#1	176.32
#2	187.81
#3	185.95

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4862.0	64044.	6800.9	70.938	4305.3
Stddev	9.7	42.	25.2	1.519	8.3
%RSD	.20031	.06563	.36997	2.1410	.19284

#1	4851.0	64007.	6787.7	69.333	4304.5
#2	4865.6	64090.	6785.2	71.128	4297.4
#3	4869.5	64035.	6829.9	72.353	4314.0

Sample Name: K2464-01DUP Acquired: 4/22/2019 14:17:01 Type: Unk
Method: P4-ICP2(v3062) 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	.09526	.00943	2.1750	.04473	.01713	112.22	1.5386	.01442
Stddev	.00317	.00033	.0025	.00247	.00044	.26	.0038	.00034
%RSD	3.3317	3.4481	.11417	5.5319	2.5608	.23118	.24414	2.3617
#1	.09237	.00924	2.1740	.04265	.01750	112.14	1.5408	.01481
#2	.09866	.00980	2.1733	.04747	.01724	112.51	1.5407	.01424
#3	.09475	.00924	2.1779	.04408	.01665	112.01	1.5343	.01421
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00501	196.42	.23274	.12093	1.3474	240.52	4.8384	93.541
Stddev	.00005	.79	.00101	.00050	.0021	.95	.0388	.085
%RSD	.93470	.40048	.43364	.41318	.15519	.39306	.80232	.09061
#1	.00501	195.94	.23281	.12150	1.3454	240.41	4.8832	93.638
#2	.00506	195.99	.23170	.12061	1.3473	241.51	4.8152	93.501
#3	.00496	197.32	.23372	.12067	1.3496	239.63	4.8168	93.483
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32320	-.01390	1.9624	.31373	2.1525	21.557	.00856	.13932
Stddev	.00050	.00052	.0164	.00172	.0012	.090	.00004	.00646
%RSD	.15444	3.7414	.83807	.54873	.05417	.41895	.46105	4.6364
#1	.32309	-.01330	1.9543	.31219	2.1538	21.628	.00860	.14678
#2	.32277	-.01414	1.9813	.31559	2.1515	21.587	.00852	.13563
#3	.32375	-.01426	1.9516	.31340	2.1522	21.456	.00857	.13555
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.925	1.9973	.29515	3.4683	.18325	7.077	.27931	<.00000
Stddev	.024	.0405	.00149	.0029	.00176	.006	.00338	.49958
%RSD	.21768	2.0287	.50351	.08500	.95899	.0914	1.2107	82.711
#1	10.927	1.9782	.29686	3.4649	.18283	7.082	.27762	-.12564
#2	10.947	1.9698	.29420	3.4697	.18173	7.079	.27711	-1.1224
#3	10.900	2.0438	.29439	3.4703	.18517	7.069	.28320	-.56398

Sample Name: K2464-01DUP Acquired: 4/22/2019 14:17:01 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 190.71
Stddev	8.65
%RSD	4.5372

#1	186.37
#2	185.09
#3	200.68

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4859.7	64006.	6823.0	70.932	4296.8
Stddev	4.5	303.	17.1	.694	2.9
%RSD	.09288	.47261	.25104	.97887	.06742

#1	4856.2	63723.	6825.5	70.398	4294.2
#2	4864.8	63970.	6838.8	70.682	4299.9
#3	4858.1	64325.	6804.8	71.717	4296.2

Sample Name: K2464-01LX5 Acquired: 4/22/2019 14:21:33 Type: Unk
Method: P4-ICP2(v3062) 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	.01983	.00461	.43128	.01565	.00272	23.159	.31656	.00300
Stddev	.00104	.00079	.00152	.00132	.00046	.174	.00168	.00004
%RSD	5.2460	17.158	.35208	8.4495	16.875	.74964	.52944	1.2121

#1	.01866	.00546	.43034	.01671	.00239	23.043	.31544	.00304
#2	.02063	.00390	.43047	.01417	.00253	23.359	.31848	.00297
#3	.02021	.00448	.43303	.01607	.00324	23.076	.31575	.00299

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00119	41.998	.05088	.02317	.31014	60.776	1.0729	19.285
Stddev	.00003	.056	.00042	.00010	.00117	.293	.0016	.120
%RSD	2.1639	.13409	.82275	.44859	.37657	.48210	.15077	.62086

#1	-.00121	42.051	.05054	.02313	.30889	60.745	1.0713	19.160
#2	-.00116	42.004	.05135	.02309	.31033	61.083	1.0746	19.399
#3	-.00120	41.939	.05074	.02328	.31120	60.499	1.0729	19.296

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06156	-.00122	.29013	.06759	.39822	4.2425	.00185	.06061
Stddev	.00069	.00033	.00964	.00020	.00151	.0459	.00028	.02118
%RSD	1.1195	26.932	3.3235	.29534	.37896	1.0818	15.003	34.947

#1	.06080	-.00129	.27952	.06768	.39654	4.2110	.00199	.07552
#2	.06174	-.00152	.29252	.06736	.39946	4.2952	.00203	.03637
#3	.06214	-.00087	.29835	.06772	.39866	4.2214	.00153	.06995

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1777	.44286	.05736	.74637	.03653	1.308	.04980	5.1746
Stddev	.0114	.00794	.00082	.00143	.00073	.007	.00086	.3824
%RSD	.52253	1.7927	1.4221	.19210	1.9894	.5173	1.7358	7.3889

#1	2.1895	.43683	.05742	.74725	.03684	1.300	.04918	5.2137
#2	2.1767	.45186	.05814	.74715	.03706	1.312	.04944	4.7742
#3	2.1668	.43990	.05651	.74472	.03570	1.312	.05079	5.5359

Sample Name: K2464-01LX5 Acquired: 4/22/2019 14:21:33 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 13.902
Stddev 5.114
%RSD 36.787

#1 18.052
#2 8.1888
#3 15.466

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4724.7	61060.	6220.7	74.723	4822.0
Stddev	2.5	220.	25.7	.958	19.3
%RSD	.05210	.36061	.41265	1.2818	.40101

#1	4727.2	61060.	6195.3	73.619	4842.3
#2	4724.6	60840.	6246.7	75.213	4803.8
#3	4722.3	61280.	6220.1	75.336	4819.9

Sample Name: K2464-01MS Acquired: 4/22/2019 14:25:56 Type: Unk
Method: P4-ICP2(v3062) 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	.74857	1.8243	2.9714	1.7217	.11458	112.46	1.7292	.18891
Stddev	.00044	.0025	.0031	.0047	.00064	.16	.0091	.00108
%RSD	.05920	.13697	.10536	.27545	.55999	.14073	.52383	.57273
#1	.74822	1.8226	2.9697	1.7232	.11484	112.37	1.7253	.18768
#2	.74841	1.8231	2.9751	1.7255	.11384	112.37	1.7228	.18934
#3	.74907	1.8271	2.9696	1.7164	.11504	112.65	1.7396	.18972
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18725	149.71	.54754	.31513	1.3993	220.14	5.9300	73.809
Stddev	.00059	.30	.00095	.00100	.0022	.72	.0581	.186
%RSD	.31624	.20316	.17316	.31845	.16064	.32671	.98050	.25164
#1	.18656	149.91	.54803	.31402	1.4007	220.22	5.9294	73.899
#2	.18759	149.36	.54815	.31596	1.4005	219.39	5.8722	73.595
#3	.18758	149.87	.54645	.31541	1.3967	220.82	5.9885	73.933
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79592	.05026	4.6717	.55165	2.0269	29.810	.32182	.36282
Stddev	.00093	.00056	.0259	.00165	.0027	.139	.00101	.00285
%RSD	.11699	1.1207	.55392	.29992	.13135	.46571	.31436	.78466
#1	.79498	.05046	4.6666	.55010	2.0239	29.801	.32104	.36317
#2	.79593	.05069	4.6488	.55339	2.0290	29.676	.32297	.35982
#3	.79684	.04962	4.6998	.55146	2.0279	29.953	.32147	.36548
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7899	2.4269	.76896	3.7705	.34288	F 12.54	.44131	<.00000
Stddev	.0175	.0351	.00405	.0048	.00109	.01	.00083	.05149
%RSD	.17899	1.4468	.52729	.12806	.31666	.1196	.18803	9.4168
#1	9.8091	2.4217	.77343	3.7719	.34392	12.55	.44223	-.60108
#2	9.7749	2.4643	.76794	3.7652	.34296	12.52	.44108	-.49863
#3	9.7856	2.3947	.76551	3.7745	.34176	12.55	.44061	-.54076

Sample Name: K2464-01MS Acquired: 4/22/2019 14:25:56 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 169.65
Stddev 6.06
%RSD 3.5747

#1 164.71
#2 176.42
#3 167.81

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4873.6	63699.	6680.8	70.092	4349.8
Stddev	14.5	111.	34.4	.986	4.6
%RSD	.29851	.17370	.51543	1.4068	.10619

#1	4863.6	63571.	6650.8	69.652	4348.0
#2	4867.0	63763.	6673.2	69.402	4346.4
#3	4890.3	63762.	6718.4	71.221	4355.1

Sample Name: K2464-01MSD Acquired: 4/22/2019 14:30:23 Type: Unk
Method: P4-ICP2(v3062) 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	.76809	1.8842	2.9825	1.7567	.11805	114.53	1.8644	.19417
Stddev	.00286	.0045	.0050	.0060	.00069	.27	.0035	.00061
%RSD	.37182	.23991	.16870	.33855	.58493	.23576	.18884	.31204
#1	.76668	1.8825	2.9803	1.7498	.11750	114.84	1.8659	.19405
#2	.77137	1.8808	2.9883	1.7604	.11883	114.44	1.8603	.19364
#3	.76621	1.8894	2.9790	1.7598	.11783	114.32	1.8669	.19483
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19317	155.15	.56080	.32927	1.3970	234.73	7.2121	77.787
Stddev	.00016	.55	.00016	.00062	.0028	1.04	.0356	.232
%RSD	.08234	.35421	.02932	.18774	.19770	.44425	.49422	.29833
#1	.19335	154.61	.56096	.32977	1.3994	233.74	7.1714	78.026
#2	.19309	155.14	.56063	.32947	1.3978	234.63	7.2378	77.563
#3	.19306	155.71	.56079	.32858	1.3940	235.82	7.2271	77.774
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83646	.05034	4.7631	.57136	2.1101	30.400	.32895	.37092
Stddev	.00104	.00071	.0053	.00194	.0025	.057	.00090	.00889
%RSD	.12449	1.4167	.11079	.33994	.11981	.18619	.27365	2.3964
#1	.83685	.04975	4.7632	.57014	2.1130	30.428	.32806	.37029
#2	.83528	.05013	4.7577	.57035	2.1094	30.438	.32892	.36236
#3	.83725	.05113	4.7683	.57360	2.1081	30.335	.32986	.38010
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.029	2.4954	.79819	3.8455	.34772	F 12.76	.43548	<.00000
Stddev	.025	.0091	.00175	.0093	.00035	.03	.00033	.35449
%RSD	.24663	.36274	.21975	.24168	.09966	.2031	.07653	68.240
#1	10.030	2.5048	.79634	3.8475	.34773	12.77	.43533	-.11015
#2	10.004	2.4947	.79983	3.8536	.34736	12.73	.43587	-.72537
#3	10.054	2.4867	.79839	3.8354	.34806	12.77	.43526	-.72290

Sample Name: K2464-01MSD Acquired: 4/22/2019 14:30:23 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 192.31
Stddev	3.56
%RSD	1.8519

#1	195.71
#2	188.61
#3	192.62

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4887.1	63854.	6715.1	70.247	4309.0
Stddev	18.3	137.	11.9	1.107	15.4
%RSD	.37482	.21474	.17791	1.5764	.35847

#1	4879.0	63713.	6724.0	70.613	4299.3
#2	4874.2	63987.	6719.8	71.124	4300.9
#3	4908.1	63861.	6701.6	69.002	4326.8

Sample Name: K2464-01A Acquired: 4/22/2019 14:34:49 Type: Unk
Method: P4-ICP2(v3062) 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	.75671	1.8646	2.9659	1.7461	.11533	112.42	1.8064	.19072
Stddev	.00181	.0033	.0023	.0027	.00031	.04	.0005	.00065
%RSD	.23959	.17939	.07888	.15208	.26685	.03354	.02814	.34197
#1	.75881	1.8619	2.9634	1.7432	.11547	112.44	1.8069	.19137
#2	.75570	1.8683	2.9662	1.7467	.11498	112.44	1.8059	.19007
#3	.75564	1.8635	2.9680	1.7484	.11555	112.38	1.8064	.19073
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18865	151.78	.54891	.32120	1.3852	226.62	6.6750	75.619
Stddev	.00014	.10	.00180	.00033	.0022	1.35	.0242	.308
%RSD	.07495	.06574	.32786	.10166	.16067	.59573	.36247	.40706
#1	.18856	151.74	.54929	.32086	1.3878	225.94	6.6618	75.949
#2	.18857	151.70	.54695	.32123	1.3839	228.18	6.7029	75.339
#3	.18881	151.89	.55049	.32151	1.3839	225.75	6.6602	75.569
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81486	.05035	4.6482	.55744	2.0613	29.907	.32393	.36387
Stddev	.00148	.00070	.0264	.00254	.0027	.042	.00010	.01654
%RSD	.18137	1.3933	.56787	.45605	.12854	.14176	.02996	4.5449
#1	.81317	.04985	4.6419	.55837	2.0594	29.956	.32403	.34658
#2	.81550	.05115	4.6772	.55939	2.0601	29.879	.32384	.37954
#3	.81591	.05004	4.6256	.55456	2.0643	29.887	.32390	.36550
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8986	2.3274	.77941	3.7832	.34142	F 12.69	.43627	.09141
Stddev	.0347	.0191	.00283	.0082	.00133	.02	.00114	.08873
%RSD	.35058	.82026	.36282	.21561	.39048	.1876	.26140	97.074
#1	9.8591	2.3248	.77627	3.7738	.33989	12.66	.43618	.05642
#2	9.9130	2.3477	.78022	3.7885	.34209	12.69	.43517	.19230
#3	9.9238	2.3097	.78175	3.7873	.34229	12.71	.43745	.02550

Sample Name: K2464-01A Acquired: 4/22/2019 14:34:49 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 189.84
Stddev 2.16
%RSD 1.1375

#1 188.26
#2 188.96
#3 192.30

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4895.0	64502.	6777.5	70.523	4343.4
Stddev	14.9	90.	7.9	1.704	3.9
%RSD	.30454	.13945	.11718	2.4164	.09035

#1	4881.3	64433.	6784.9	69.398	4343.1
#2	4893.0	64468.	6769.1	69.688	4339.7
#3	4910.9	64604.	6778.4	72.484	4347.5

Sample Name: CCV02 Acquired: 4/22/2019 14:39:16 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2581	5.2908	5.1765	5.2617	5.2537	10.049	10.378	.26182
Stddev	.0026	.0060	.0130	.0077	.0112	.079	.106	.00032
%RSD	.04878	.11284	.25180	.14667	.21217	.78721	1.0179	.12379
#1	5.2604	5.2898	5.1888	5.2704	5.2628	9.9603	10.260	.26219
#2	5.2584	5.2854	5.1628	5.2557	5.2572	10.074	10.463	.26168
#3	5.2553	5.2972	5.1780	5.2589	5.2413	10.112	10.412	.26159
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5245	25.528	.99962	2.6176	1.2982	5.1147	2.6295	25.566
Stddev	.0031	.086	.00251	.0014	.0006	.0108	.0039	.367
%RSD	.12106	.33719	.25102	.05168	.04945	.21048	.14712	1.4366
#1	2.5257	25.553	.99679	2.6180	1.2985	5.1036	2.6252	25.142
#2	2.5210	25.432	1.0005	2.6161	1.2986	5.1251	2.6307	25.762
#3	2.5267	25.598	1.0016	2.6187	1.2974	5.1153	2.6327	25.793
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5612	1.2784	25.748	2.5165	2.5743	25.222	5.1740	5.2152
Stddev	.0008	.0041	.257	.0030	.0046	.166	.0046	.0500
%RSD	.03105	.32262	.99707	.11883	.17686	.65999	.08867	.95910
#1	2.5620	1.2745	25.457	2.5143	2.5769	25.042	5.1772	5.1592
#2	2.5610	1.2827	25.944	2.5199	2.5690	25.370	5.1760	5.2310
#3	2.5605	1.2778	25.842	2.5152	2.5769	25.254	5.1687	5.2554
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1954	4.7178	4.9870	5.1762	4.8610	5.223	5.1743	F 9.6603
Stddev	.0133	.0236	.0018	.0144	.0067	.011	.0029	.0820
%RSD	.25495	.50073	.03577	.27772	.13860	.2067	.05576	.84838
#1	5.1950	4.7447	4.9891	5.1696	4.8681	5.236	5.1747	9.5682
#2	5.1824	4.7005	4.9857	5.1662	4.8602	5.219	5.1712	9.6876
#3	5.2089	4.7081	4.9863	5.1926	4.8547	5.215	5.1769	9.7251

Sample Name: CCV02 Acquired: 4/22/2019 14:39:16 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.5554
Stddev	6.0090
%RSD	131.91

#1	1.6365
#2	11.466
#3	.56333

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4530.1	58625.	6012.6	71.583	4590.1
Stddev	9.1	301.	24.8	.155	2.6
%RSD	.19981	.51410	.41172	.21680	.05559

#1	4526.5	58961.	5984.0	71.740	4592.8
#2	4523.4	58378.	6026.9	71.579	4587.8
#3	4540.4	58536.	6026.9	71.430	4589.8

Sample Name: CCB02 Acquired: 4/22/2019 14:43:15 Type: Unk
Method: P4-ICP2(v3062) 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	-.00060	.00064	-.00082	.00280	-.00008	-.01415	.00025	.00002
Stddev	.00024	.00022	.00063	.00181	.00140	.00579	.00080	.00004
%RSD	40.015	34.318	76.433	64.727	1673.9	40.894	316.83	162.25
#1	-.00086	.00086	-.00088	.00485	.00041	-.01951	-.00037	.00001
#2	-.00054	.00064	-.00142	.00139	-.00166	-.01494	-.00003	.00006
#3	-.00039	.00042	-.00017	.00217	.00100	-.00801	.00115	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.01334	.00027	.00018	-.00068	.00080	-.00007	-.03149
Stddev	.00005	.00232	.00017	.00006	.00012	.00037	.00002	.01636
%RSD	78.064	17.422	63.608	33.512	17.461	46.567	22.236	51.941
#1	.00012	-.01329	.00010	.00011	-.00058	.00104	-.00005	-.03309
#2	.00002	-.01569	.00026	.00023	-.00081	.00037	-.00008	-.01440
#3	.00005	-.01105	.00045	.00020	-.00065	.00100	-.00008	-.04700
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00057	.00040	-.14757	.00001	-.00005	-.02698	.00068	.01486
Stddev	.00020	.00043	.01295	.00017	.00003	.01700	.00009	.00716
%RSD	35.064	107.23	8.7730	1183.4	68.093	63.030	12.945	48.179
#1	.00048	.00012	-.16087	-.00008	-.00002	-.01920	.00069	.01413
#2	.00044	.00019	-.14683	-.00009	-.00009	-.04648	.00059	.02235
#3	.00080	.00089	-.13501	.00021	-.00004	-.01525	.00076	.00809
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .09299	-.00400	.00052	.00142	-.00243	-.0023	-.00011	F 6.7371
Stddev	.00030	.00096	.00087	.00134	.00181	.0010	.00005	.1136
%RSD	.32307	23.915	168.97	94.774	74.354	43.99	43.142	1.6866
#1	.09326	-.00345	.00150	.00218	-.00429	-.0025	-.00005	6.6996
#2	.09305	-.00510	-.00017	-.00013	-.00068	-.0032	-.00012	6.6470
#3	.09267	-.00344	.00022	.00221	-.00233	-.0012	-.00014	6.8648

Sample Name: CCB02 Acquired: 4/22/2019 14:43:15 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 6.4163
Stddev .4724
%RSD 7.3627

#1 6.0319
#2 6.2733
#3 6.9437

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4784.5	62270.	6084.0	75.417	5252.5
Stddev	31.4	68.	47.6	.954	36.0
%RSD	.65700	.10885	.78241	1.2650	.68468

#1	4800.6	62277.	6034.2	76.516	5274.6
#2	4804.7	62334.	6088.6	74.930	5271.9
#3	4748.3	62199.	6129.1	74.805	5211.0

Sample Name: K2503-01 Acquired: 4/22/2019 14:47:44 Type: Unk
Method: P4-ICP2(v3062) 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	.00148	.00564	.05694	.04323	.00651	7.2395	1.0344	.00579
Stddev	.00376	.00103	.00131	.00311	.00086	.0219	.0052	.00003
%RSD	252.97	18.232	2.2964	7.2009	13.172	.30286	.50344	.53331
#1	.00498	.00654	.05567	.04671	.00587	7.2647	1.0308	.00581
#2	-.00249	.00452	.05828	.04226	.00617	7.2293	1.0321	.00575
#3	.00196	.00585	.05688	.04071	.00748	7.2246	1.0404	.00580
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00141	29.783	.03548	.02970	.99322	124.79	2.2008	6.3331
Stddev	.00006	.074	.00049	.00021	.00120	1.12	.0062	.0139
%RSD	4.4296	.24900	1.3840	.70271	.12034	.89990	.27984	.21971
#1	.00135	29.866	.03538	.02949	.99458	125.45	2.2000	6.3475
#2	.00141	29.758	.03602	.02972	.99279	125.43	2.2074	6.3197
#3	.00147	29.724	.03505	.02990	.99231	123.50	2.1951	6.3323
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02921	.00509	3.6973	.01709	1.6561	6.9025	.01406	.14168
Stddev	.00039	.00034	.0116	.00031	.0018	.0667	.00025	.01309
%RSD	1.3293	6.6810	.31415	1.7934	.10609	.96557	1.7506	9.2412
#1	.02915	.00544	3.6942	.01730	1.6559	6.9103	.01421	.15192
#2	.02885	.00506	3.6875	.01674	1.6579	6.8323	.01378	.14618
#3	.02962	.00476	3.7101	.01723	1.6544	6.9650	.01420	.12693
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.256	1.3315	.05697	.09284	-.00203	F 68.39	.16370	4.2527
Stddev	.074	.0064	.00069	.00143	.00135	.12	.00082	.2782
%RSD	.22943	.48184	1.2154	1.5361	66.395	.1718	.50139	6.5423
#1	32.258	1.3323	.05775	.09355	-.00049	68.45	.16411	4.2849
#2	32.329	1.3374	.05673	.09120	-.00263	68.47	.16276	4.5133
#3	32.181	1.3247	.05643	.09377	-.00299	68.26	.16424	3.9597

Sample Name: K2503-01 Acquired: 4/22/2019 14:47:44 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	60.159
Stddev	3.334
%RSD	5.5414

#1	60.899
#2	63.060
#3	56.517

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4802.5	63846.	6425.6	75.142	4972.6
Stddev	13.2	260.	62.4	1.255	12.2
%RSD	.27523	.40798	.97099	1.6695	.24455

#1	4787.7	63550.	6367.6	74.567	4964.9
#2	4806.6	63946.	6417.5	76.581	4966.1
#3	4813.1	64042.	6491.6	74.278	4986.6

Sample Name: K2504-01 Acquired: 4/22/2019 14:52:07 Type: Unk
Method: P4-ICP2(v3062) 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	.00216	.00227	.09116	.01582	.00276	14.994	.58229	.00212
Stddev	.00249	.00077	.00038	.00340	.00072	.079	.00234	.00005
%RSD	115.29	34.198	.42102	21.489	25.954	.52837	.40129	2.3640

#1	-.00048	.00227	.09099	.01868	.00199	15.067	.58488	.00218
#2	.00250	.00304	.09160	.01673	.00286	14.909	.58163	.00211
#3	.00447	.00149	.09089	.01206	.00341	15.007	.58035	.00208

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00319	27.621	.05320	.00892	.87176	24.032	.69139	7.9075
Stddev	.00005	.106	.00030	.00017	.00107	.037	.00028	.0798
%RSD	1.4931	.38312	.55866	1.8718	.12276	.15494	.04003	1.0087

#1	.00322	27.734	.05354	.00892	.87126	24.063	.69124	7.9777
#2	.00321	27.606	.05308	.00876	.87299	23.991	.69122	7.9241
#3	.00313	27.524	.05299	.00909	.87103	24.043	.69171	7.8208

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03646	.00509	2.3197	.01559	1.6203	1.9600	.01112	.07595
Stddev	.00028	.00065	.0074	.00002	.0035	.0343	.00040	.00599
%RSD	.76847	12.830	.31735	.10693	.21854	1.7518	3.5641	7.8821

#1	.03674	.00546	2.3269	.01560	1.6236	1.9776	.01120	.07834
#2	.03646	.00434	2.3122	.01557	1.6209	1.9819	.01147	.08037
#3	.03618	.00548	2.3201	.01560	1.6165	1.9204	.01069	.06914

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.454	1.2877	.03786	.17951	-.00199	F 24.12	.12091	5.7173
Stddev	.104	.0215	.00096	.00277	.00031	.07	.00006	.4124
%RSD	.46423	1.6710	2.5235	1.5456	15.422	.2891	.05324	7.2137

#1	22.572	1.2763	.03681	.17963	-.00232	24.20	.12085	5.2451
#2	22.419	1.2743	.03868	.18222	-.00171	24.10	.12088	5.9003
#3	22.372	1.3125	.03809	.17668	-.00195	24.06	.12098	6.0066

Sample Name: K2504-01 Acquired: 4/22/2019 14:52:07 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 17.235
Stddev 7.882
%RSD 45.732

#1 8.8148
#2 24.437
#3 18.455

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4843.8	64023.	6352.9	76.258	5085.4
Stddev	5.7	277.	26.2	1.895	1.8
%RSD	.11753	.43237	.41213	2.4843	.03498

#1	4847.6	63848.	6354.9	76.648	5083.4
#2	4846.5	64343.	6378.0	77.927	5086.7
#3	4837.3	63880.	6325.8	74.199	5086.2

Sample Name: K2505-01 Acquired: 4/22/2019 14:56:21 Type: Unk
Method: P4-ICP2(v3062) 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	-.01492	.01420	.42786	.07335	.01730	23.917	4.4286	.05863
Stddev	.00187	.00133	.00290	.00299	.00094	.145	.0227	.00038
%RSD	12.509	9.3938	.67817	4.0758	5.4254	.60482	.51298	.65290

#1	-.01331	.01564	.42929	.07192	.01710	23.751	4.4036	.05824
#2	-.01696	.01301	.42978	.07136	.01647	24.013	4.4341	.05864
#3	-.01448	.01395	.42453	.07679	.01832	23.988	4.4480	.05901

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00843	69.595	.04022	.08041	5.4446	319.43	3.7586	8.8500
Stddev	.00022	1.386	.00089	.00001	.0052	1.38	.0046	.1084
%RSD	2.6122	1.9909	2.2171	.01520	.09555	.43176	.12342	1.2244

#1	.00868	67.995	.04010	.08041	5.4505	318.68	3.7548	8.7263
#2	.00830	70.390	.03939	.08043	5.4426	321.02	3.7573	8.8960
#3	.00830	70.399	.04116	.08041	5.4407	318.58	3.7638	8.9278

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15055	.02143	1.6808	.07626	6.3534	4.5423	.01463	.20252
Stddev	.00056	.00018	.0132	.00033	.0056	.0331	.00016	.00796
%RSD	.37253	.84777	.78610	.43503	.08779	.72841	1.0732	3.9312

#1	.15120	.02164	1.6659	.07596	6.3487	4.5477	.01471	.19541
#2	.15025	.02133	1.6910	.07661	6.3595	4.5723	.01445	.20102
#3	.15021	.02132	1.6856	.07622	6.3519	4.5068	.01474	.21112

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 63.621	1.4964	.13285	.23111	.00527	F 120.5	-.00467	<.00000
Stddev	.164	.0242	.00053	.00505	.00166	.2	.00634	.30316
%RSD	.25790	1.6196	.39866	2.1855	31.530	.1852	135.79	12.701

#1	63.440	1.4687	.13282	.22747	.00463	120.2	-.01193	-2.7361
#2	63.663	1.5135	.13339	.23687	.00402	120.6	-.00180	-2.1917
#3	63.759	1.5070	.13233	.22898	.00715	120.6	-.00027	-2.2326

Sample Name: K2505-01 Acquired: 4/22/2019 14:56:21 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 316.00
Stddev	10.24
%RSD	3.2411

#1	327.47
#2	307.77
#3	312.75

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4769.8	63080.	6685.3	73.279	4575.5
Stddev	12.9	76.	96.9	1.081	5.8
%RSD	.27034	.11999	1.4500	1.4754	.12573

#1	4756.8	63130.	6795.5	74.525	4569.3
#2	4782.6	62993.	6613.0	72.733	4580.6
#3	4770.0	63117.	6647.5	72.581	4576.8

Sample Name: K2506-01 Acquired: 4/22/2019 15:00:36 Type: Unk
Method: P4-ICP2(v3062) 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	.00617	.00224	.09432	.02862	.01009	15.589	1.1382	.00857
Stddev	.00171	.00060	.00107	.00149	.00153	.070	.0008	.00005
%RSD	27.664	26.805	1.1391	5.2119	15.200	.44664	.07405	.60510
#1	.00432	.00247	.09554	.02718	.00975	15.664	1.1380	.00852
#2	.00651	.00156	.09350	.03016	.01176	15.576	1.1375	.00862
#3	.00769	.00268	.09392	.02851	.00875	15.526	1.1391	.00857
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01104	46.852	.07199	.08745	1.0711	49.057	2.3155	9.1865
Stddev	.00001	.159	.00041	.00029	.0015	.307	.0060	.0545
%RSD	.13461	.33954	.56527	.33420	.14094	.62524	.25863	.59286
#1	.01104	46.946	.07193	.08762	1.0710	49.079	2.3209	9.1242
#2	.01103	46.941	.07243	.08761	1.0726	49.353	2.3091	9.2102
#3	.01106	46.668	.07162	.08711	1.0696	48.740	2.3164	9.2251
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10914	.00686	4.8203	.02878	4.4236	10.135	.01336	.19068
Stddev	.00024	.00015	.0187	.00014	.0032	.029	.00012	.01048
%RSD	.22324	2.1503	.38768	.49307	.07142	.28843	.93453	5.4952
#1	.10941	.00703	4.8331	.02893	4.4268	10.122	.01346	.18196
#2	.10906	.00676	4.8289	.02874	4.4205	10.114	.01339	.18779
#3	.10894	.00681	4.7988	.02866	4.4237	10.168	.01322	.20231
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.022	1.5148	.07639	.25783	.00232	F 46.96	.20340	4.6543
Stddev	.041	.0072	.00126	.00290	.00104	.03	.00080	.0984
%RSD	.16954	.47218	1.6435	1.1253	44.863	.0630	.39397	2.1138
#1	24.050	1.5230	.07715	.26031	.00343	46.96	.20416	4.6415
#2	23.975	1.5117	.07494	.25464	.00137	46.92	.20348	4.5629
#3	24.041	1.5097	.07708	.25854	.00216	46.98	.20257	4.7584

Sample Name: K2506-01 Acquired: 4/22/2019 15:00:36 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	23.872
Stddev	7.205
%RSD	30.179

#1	26.830
#2	29.127
#3	15.660

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4743.6	62930.	6421.6	74.323	4894.7
Stddev	11.5	196.	44.1	.958	11.9
%RSD	.24171	.31122	.68658	1.2893	.24380

#1	4734.2	62714.	6376.2	73.462	4881.1
#2	4740.3	62981.	6424.4	75.355	4899.7
#3	4756.4	63096.	6464.3	74.153	4903.4

Sample Name: K2507-01 Acquired: 4/22/2019 15:04:57 Type: Unk
Method: P4-ICP2(v3062) 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	.00483	.00170	.10918	.02249	.00168	5.0220	1.4851	.00091
Stddev	.00139	.00056	.00044	.00187	.00035	.0290	.0085	.00004
%RSD	28.713	32.923	.40498	8.3135	20.984	.57640	.57300	4.3010
#1	.00370	.00230	.10949	.02446	.00131	5.0359	1.4847	.00096
#2	.00638	.00118	.10867	.02228	.00201	5.0413	1.4938	.00089
#3	.00442	.00163	.10937	.02074	.00172	4.9887	1.4768	.00089
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00203	45.734	.03654	.00469	1.5991	22.760	.79048	5.7798
Stddev	.00005	.240	.00029	.00013	.0037	.071	.00159	.0561
%RSD	2.3239	.52369	.78057	2.7907	.22813	.31134	.20167	.96985
#1	.00198	45.527	.03687	.00483	1.5949	22.749	.79043	5.7887
#2	.00205	45.678	.03633	.00457	1.6016	22.835	.79210	5.8309
#3	.00207	45.997	.03643	.00467	1.6008	22.695	.78891	5.7198
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02939	.00762	4.4310	.01678	1.6944	2.1803	.01298	.10637
Stddev	.00016	.00026	.0468	.00029	.0007	.0173	.00028	.00919
%RSD	.53359	3.4360	1.0571	1.7011	.03959	.79176	2.1408	8.6411
#1	.02925	.00766	4.4320	.01655	1.6937	2.1669	.01266	.11238
#2	.02937	.00786	4.4773	.01669	1.6950	2.1998	.01308	.11094
#3	.02956	.00734	4.3836	.01710	1.6946	2.1743	.01319	.09579
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 22.854	1.4257	.04848	.17000	-.00083	F 23.89	.16272	5.8621
Stddev	.037	.0260	.00061	.00392	.00120	.05	.00028	.4500
%RSD	.15986	1.8222	1.2608	2.3062	144.55	.1895	.17445	7.6761
#1	22.815	1.4557	.04804	.17449	-.00218	23.83	.16240	5.5395
#2	22.859	1.4110	.04823	.16728	-.00037	23.91	.16286	5.6706
#3	22.888	1.4103	.04918	.16822	.00007	23.92	.16291	6.3761

Sample Name: K2507-01 Acquired: 4/22/2019 15:04:57 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	22.444
Stddev	4.760
%RSD	21.210

#1	24.596
#2	25.747
#3	16.987

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4660.8	61531.	6219.1	74.942	4986.1
Stddev	15.8	213.	35.3	1.288	21.7
%RSD	.33896	.34593	.56717	1.7183	.43573

#1	4642.6	61307.	6211.1	75.851	4961.1
#2	4671.4	61557.	6257.7	75.507	4999.9
#3	4668.3	61730.	6188.6	73.469	4997.4

Sample Name: K2498-01 Acquired: 4/22/2019 15:13:46 Type: Unk
Method: P4-ICP2(v3062) 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	.00123	-.00008	.08639	.00942	.00188	4.2413	.24323	.00035
Stddev	.00189	.00028	.00010	.00158	.00052	.0478	.00199	.00003
%RSD	154.06	361.51	.11774	16.786	27.687	1.1267	.81885	9.9702

#1	.00294	-.00032	.08649	.00927	.00248	4.1879	.24117	.00036
#2	.00154	-.00014	.08629	.00792	.00158	4.2560	.24338	.00037
#3	-.00080	.00023	.08639	.01108	.00158	4.2800	.24515	.00031

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00076	17.408	.01941	.00251	.29669	8.0787	.11072	2.7905
Stddev	.00002	.061	.00028	.00006	.00078	.0119	.00052	.0330
%RSD	2.8698	.34796	1.4347	2.3422	.26182	.14771	.46755	1.1816

#1	.00077	17.387	.01913	.00248	.29609	8.0814	.11054	2.7734
#2	.00074	17.361	.01941	.00246	.29640	8.0891	.11130	2.7696
#3	.00078	17.476	.01969	.00257	.29757	8.0657	.11031	2.8285

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01207	.00309	5.0263	.01383	1.7862	1.4563	.00577	.03685
Stddev	.00022	.00049	.0338	.00023	.0013	.0561	.00022	.01147
%RSD	1.8389	15.971	.67214	1.6826	.07376	3.8512	3.7766	31.112

#1	.01212	.00271	4.9904	.01381	1.7848	1.3982	.00602	.03925
#2	.01227	.00364	5.0310	.01407	1.7865	1.4606	.00564	.02438
#3	.01183	.00290	5.0575	.01360	1.7874	1.5102	.00566	.04693

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9356	.82113	.02062	.16144	.00087	6.961	.03197	5.2755
Stddev	.0118	.02471	.00072	.00265	.00086	.003	.00015	.2074
%RSD	.16969	3.0096	3.4680	1.6446	98.184	.0408	.48147	3.9307

#1	6.9476	.84792	.02087	.15862	.00180	6.963	.03214	5.5147
#2	6.9350	.79922	.02118	.16181	.00071	6.962	.03189	5.1452
#3	6.9241	.81626	.01982	.16389	.00011	6.957	.03187	5.1667

Sample Name: K2498-01 Acquired: 4/22/2019 15:13:46 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 12.284
 Stddev 5.551
 %RSD 45.189

#1 6.7625
 #2 12.226
 #3 17.864

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4725.7	62275.	6204.3	75.066	5160.2
Stddev	2.7	94.	53.9	1.464	5.1
%RSD	.05806	.15062	.86857	1.9496	.09812

#1	4724.7	62343.	6149.0	76.305	5155.6
#2	4723.6	62168.	6207.2	73.451	5159.3
#3	4728.8	62313.	6256.7	75.441	5165.6

Sample Name: K2499-01 Acquired: 4/22/2019 15:18:02 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00319	.00006	.02419	.00926	.00010	19.047	.20542	.00030
Stddev	.00087	.00084	.00078	.00227	.00072	.097	.00146	.00001
%RSD	27.168	1478.5	3.2159	24.563	702.82	.50935	.71269	3.3230

#1	.00222	.00090	.02381	.00754	-.00070	19.043	.20578	.00029
#2	.00388	.00007	.02508	.00841	.00068	18.953	.20380	.00030
#3	.00346	-.00079	.02367	.01184	.00033	19.147	.20666	.00031

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	15.117	.01441	.00178	.40407	11.012	1.0524	5.1904
Stddev	.00004	.037	.00029	.00008	.00115	.012	.0007	.0543
%RSD	22.780	.24321	2.0081	4.7305	.28392	.10657	.06783	1.0466

#1	.00021	15.136	.01469	.00171	.40276	11.020	1.0525	5.1291
#2	.00015	15.140	.01411	.00187	.40456	10.998	1.0517	5.2091
#3	.00023	15.075	.01443	.00175	.40489	11.016	1.0531	5.2328

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01068	.00234	4.0046	.01383	.34092	8.1170	.00534	.06144
Stddev	.00016	.00013	.0290	.00050	.00242	.0490	.00009	.01961
%RSD	1.5037	5.3792	.72404	3.5864	.71031	.60340	1.6075	31.925

#1	.01050	.00228	3.9932	.01350	.33858	8.0993	.00543	.07612
#2	.01082	.00226	3.9830	.01440	.34341	8.0794	.00526	.03916
#3	.01071	.00249	4.0375	.01359	.34077	8.1724	.00533	.06904

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0259	1.3819	.00899	.18301	-.00237	F 26.76	.10115	6.0007
Stddev	.0465	.0670	.00074	.00162	.00117	.12	.00013	.2293
%RSD	.57977	4.8471	8.2702	.88260	49.170	.4481	.12397	3.8204

#1	8.0053	1.4481	.00819	.18333	-.00103	26.66	.10128	6.2650
#2	8.0792	1.3834	.00966	.18444	-.00317	26.89	.10113	5.8549
#3	7.9933	1.3142	.00912	.18126	-.00291	26.73	.10103	5.8823

Sample Name: K2499-01 Acquired: 4/22/2019 15:18:02 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 15.737
Stddev 3.814
%RSD 24.236

#1 19.029
#2 11.558
#3 16.623

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4689.8	61758.	6251.6	75.961	5072.7
Stddev	23.2	60.	30.5	2.024	20.1
%RSD	.49390	.09770	.48732	2.6649	.39592

#1	4715.6	61817.	6234.8	74.152	5095.6
#2	4683.0	61760.	6233.2	78.148	5058.4
#3	4670.8	61697.	6286.7	75.584	5064.0

Sample Name: K2453-01DLX10 Acquired: 4/22/2019 15:22:18 Type: Unk
Method: P4-ICP2(v3062) 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	.00723	.00284	.01644	.00565	-.00073	4.9914	.06798
Stddev	.00478	.00227	.00111	.00198	.00121	.0253	.00083
%RSD	66.058	80.106	6.7363	35.103	166.63	.50601	1.2205

#1	.00248	.00124	.01597	.00349	.00061	4.9663	.06765
#2	.00717	.00184	.01565	.00606	-.00176	5.0168	.06736
#3	.01204	.00544	.01771	.00740	-.00103	4.9910	.06892

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00147	-.00030	303.40	.01143	.00934	.03225	23.696
Stddev	.00002	.00008	1.30	.00037	.00032	.00066	.008
%RSD	1.4308	26.624	.42738	3.1952	3.4654	2.0320	.03460

#1	.00147	-.00030	303.72	.01168	.00919	.03181	23.687
#2	.00145	-.00039	304.50	.01101	.00911	.03194	23.702
#3	.00149	-.00022	301.97	.01160	.00971	.03301	23.699

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82218	179.39	.00783	-.00043	.22260	.02791	.07792
Stddev	.00034	1.41	.00053	.00034	.01722	.00019	.00205
%RSD	.04116	.78767	6.7024	78.715	7.7374	.69351	2.6353

#1	.82231	177.91	.00844	-.00079	.20381	.02773	.07689
#2	.82243	179.55	.00750	-.00041	.23764	.02787	.07659
#3	.82179	180.72	.00756	-.00011	.22636	.02811	.08029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7375	.00079	.02980	1.8423	.77696	.00122	.28678
Stddev	.0022	.00020	.00225	.0576	.01153	.00011	.00173
%RSD	.12470	25.871	7.5382	3.1267	1.4838	8.9972	.60337

#1	1.7390	.00076	.03192	1.8058	.78041	.00112	.28512
#2	1.7386	.00060	.03002	1.8124	.78638	.00120	.28857
#3	1.7350	.00101	.02745	1.9087	.76411	.00134	.28665

Sample Name: K2453-01DLX10 Acquired: 4/22/2019 15:22:18 Type: Unk
 Method: P4-ICP2(v3062) 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	.04422	.9520	.19781	9.5189	F<.00000
Stddev	.00108	.0266	.00123	.1468	6.9859
%RSD	2.4318	2.792	.62352	1.5421	632.90

#1	.04546	.9382	.19857	9.5547	-5.0324
#2	.04359	.9352	.19847	9.3575	6.9619
#3	.04361	.9826	.19638	9.6445	-5.2409

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4200.2	56080.	5953.5	68.256	4150.9
Stddev	94.5	95.	34.1	1.235	92.1
%RSD	2.2503	.16958	.57230	1.8100	2.2199

#1	4246.6	56169.	5940.7	69.095	4198.6
#2	4262.5	56090.	5927.6	66.838	4209.4
#3	4091.4	55980.	5992.1	68.837	4044.7

Sample Name: PB119093BL Acquired: 4/22/2019 15:35:17 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	.00077	-.00107	.00180	-.00085	-.01630	-.00008	-.00005
Stddev	.00038	.00053	.00020	.00198	.00071	.00865	.00064	.00006
%RSD	65.916	69.760	18.631	109.95	83.886	53.060	792.65	104.51
#1	-.00027	.00040	-.00130	.00388	-.00086	-.00968	-.00081	.00001
#2	-.00101	.00138	-.00095	-.00006	-.00013	-.02609	.00022	-.00010
#3	-.00046	.00052	-.00096	.00159	-.00156	-.01313	.00035	-.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.01265	.00007	.00008	-.00055	.00269	-.00009	-.03440
Stddev	.00005	.00926	.00027	.00014	.00041	.00069	.00001	.00823
%RSD	1010.1	73.206	373.25	170.07	74.522	25.485	15.637	23.926
#1	.00001	-.01765	.00020	-.00005	-.00015	.00192	-.00009	-.02514
#2	.00004	-.01834	.00025	.00007	-.00097	.00291	-.00011	-.04090
#3	-.00006	-.00196	-.00024	.00023	-.00054	.00324	-.00008	-.03715
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00087	.00071	-.18668	.00009	-.00009	-.07621	.00040	.01966
Stddev	.00007	.00023	.00889	.00009	.00002	.02986	.00007	.00562
%RSD	8.4434	32.881	4.7645	99.495	26.314	39.177	18.332	28.605
#1	.00080	.00046	-.18121	.00012	-.00009	-.04517	.00047	.02581
#2	.00087	.00074	-.19695	-.00001	-.00011	-.10473	.00032	.01837
#3	.00094	.00093	-.18189	.00016	-.00007	-.07875	.00040	.01479
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02007	.00026	-.00109	-.00031	-.00339	-.0018	-.00016	F 4.9483
Stddev	.00207	.00168	.00016	.00107	.00184	.0003	.00005	.2166
%RSD	10.296	643.53	15.070	346.92	54.213	17.20	34.665	4.3768
#1	.02200	-.00167	-.00120	.00074	-.00549	-.0018	-.00012	4.9974
#2	.01789	.00144	-.00116	-.00140	-.00209	-.0021	-.00013	5.1361
#3	.02030	.00102	-.00090	-.00026	-.00258	-.0014	-.00022	4.7114

Sample Name: PB119093BL Acquired: 4/22/2019 15:35:17 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 7.9897
Stddev 9.1441
%RSD 114.45

#1 .96568
#2 4.6744
#3 18.329

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4716.1	61865.	6149.8	73.315	5258.3
Stddev	12.1	75.	6.8	1.169	4.3
%RSD	.25610	.12131	.11126	1.5941	.08130

#1	4712.7	61805.	6141.9	72.595	5253.7
#2	4706.1	61949.	6153.7	72.686	5259.0
#3	4729.5	61842.	6153.8	74.664	5262.1

Sample Name: PB119093BS Acquired: 4/22/2019 15:39:46 Type: Unk
Method: P4-ICP2(v3062) 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	.77172	1.9637	.97660	1.9281	.78525	1.9214	.20047	.19318
Stddev	.00294	.0027	.00234	.0069	.00267	.0268	.00084	.00049
%RSD	.38120	.13991	.23982	.36027	.33966	1.3936	.42121	.25246
#1	.76875	1.9661	.97672	1.9201	.78439	1.9288	.20016	.19301
#2	.77464	1.9642	.97888	1.9324	.78824	1.8918	.19982	.19280
#3	.77177	1.9607	.97420	1.9319	.78312	1.9438	.20142	.19373
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18471	1.0213	.39824	.20221	.31355	3.1158	.21159	1.9220
Stddev	.00038	.0185	.00094	.00096	.00085	.0025	.00045	.0643
%RSD	.20456	1.8070	.23706	.47624	.27134	.08085	.21071	3.3440
#1	.18463	1.0006	.39932	.20301	.31271	3.1143	.21147	1.8831
#2	.18513	1.0273	.39781	.20248	.31441	3.1144	.21122	1.8868
#3	.18439	1.0361	.39758	.20114	.31353	3.1188	.21209	1.9962
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48434	.07001	2.8484	.29683	.19344	9.3839	.40525	.31111
Stddev	.00171	.00033	.0195	.00115	.00061	.0503	.00135	.01009
%RSD	.35388	.46565	.68535	.38809	.31601	.53590	.33401	3.2429
#1	.48479	.07016	2.8460	.29602	.19309	9.3770	.40424	.31112
#2	.48578	.06964	2.8301	.29631	.19414	9.3375	.40679	.30102
#3	.48244	.07024	2.8689	.29815	.19308	9.4374	.40472	.32120
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00550	.78843	.62635	.20176	.19003	5.144	.19897	F 5.6959
Stddev	.00305	.00151	.00081	.00217	.00152	.019	.00066	.3948
%RSD	55.541	.19130	.12889	1.0754	.80218	.3642	.33376	6.9314
#1	.00782	.78703	.62639	.19984	.18853	5.153	.19828	5.5464
#2	.00204	.79003	.62714	.20411	.18999	5.156	.19961	5.3976
#3	.00663	.78824	.62553	.20131	.19158	5.122	.19903	6.1436

Sample Name: PB119093BS Acquired: 4/22/2019 15:39:46 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 21.983
Stddev	5.077
%RSD	23.094

#1	27.791
#2	19.768
#3	18.391

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4675.5	61555.	6124.6	74.590	5127.8
Stddev	4.0	136.	27.9	.845	11.8
%RSD	.08530	.22095	.45588	1.1333	.22953

#1	4671.2	61594.	6155.2	75.364	5115.1
#2	4676.4	61667.	6100.6	73.688	5130.1
#3	4679.0	61403.	6118.0	74.718	5138.3

Sample Name: CCV03 Acquired: 4/22/2019 15:52:18 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0032	4.9057	4.8805	4.9435	5.0174	9.7771	9.9949	.25232
Stddev	.0124	.0126	.0203	.0149	.0203	.3148	.3333	.00821
%RSD	.24863	.25626	.41600	.30107	.40375	3.2202	3.3352	3.2543
#1	5.0137	4.9148	4.9039	4.9606	5.0408	9.5971	9.7908	.24701
#2	4.9895	4.8914	4.8699	4.9364	5.0073	9.5936	9.8143	.24816
#3	5.0065	4.9109	4.8676	4.9334	5.0042	10.141	10.380	.26177
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3464	23.711	.94679	2.4510	1.2220	4.8916	2.5206	24.564
Stddev	.0063	.097	.03126	.0072	.0037	.1662	.0829	.776
%RSD	.26688	.40955	3.3019	.29456	.29991	3.3971	3.2884	3.1596
#1	2.3534	23.629	.92771	2.4586	1.2260	4.7990	2.4707	24.064
#2	2.3444	23.686	.92978	2.4503	1.2212	4.7923	2.4748	24.170
#3	2.3413	23.818	.98286	2.4442	1.2188	5.0834	2.6162	25.458
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3502	1.2332	24.718	2.3511	2.3944	23.689	4.7532	4.9316
Stddev	.0067	.0395	.808	.0744	.0051	.781	.0137	.1838
%RSD	.28423	3.2043	3.2686	3.1626	.21290	3.2975	.28841	3.7258
#1	2.3578	1.2115	24.249	2.3060	2.4002	23.190	4.7668	4.7973
#2	2.3475	1.2093	24.255	2.3105	2.3918	23.286	4.7534	4.8566
#3	2.3453	1.2788	25.651	2.4370	2.3910	24.589	4.7394	5.1410
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6093	F 4.2800	4.5027	4.8820	4.5745	4.817	4.8695	F 9.6792
Stddev	.0112	.0274	.0122	.0309	.0345	.015	.0319	.8960
%RSD	.24370	.63932	.27077	.63312	.75511	.3055	.65540	9.2565
#1	4.6195	4.2754	4.5166	4.8592	4.5802	4.831	4.8606	9.0249
#2	4.5972	4.2552	4.4978	4.8696	4.5374	4.802	4.8429	9.3123
#3	4.6111	4.3093	4.4938	4.9172	4.6058	4.819	4.9049	10.700

Sample Name: CCV03 Acquired: 4/22/2019 15:52:18 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 9.3982
Stddev	2.8349
%RSD	30.164

#1	11.585
#2	6.1952
#3	10.415

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4496.4	57657.	6080.0	71.414	4634.5
Stddev	14.9	1646.	20.5	.806	12.0
%RSD	.33152	2.8540	.33688	1.1283	.25872

#1	4481.6	58596.	6064.9	70.938	4621.9
#2	4496.4	58618.	6103.3	72.344	4635.9
#3	4511.4	55757.	6071.8	70.959	4645.7

Sample Name: CCB03 Acquired: 4/22/2019 15:56:16 Type: Unk
Method: P4-ICP2(v3062) 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	-.00062	.00161	-.00030	.00308	-.00020	-.02350	.00077	.00002
Stddev	.00146	.00099	.00012	.00197	.00083	.00888	.00022	.00001
%RSD	235.61	61.678	40.226	63.999	420.63	37.792	28.628	34.120
#1	-.00136	.00229	-.00025	.00112	-.00082	-.01588	.00053	.00002
#2	-.00156	.00047	-.00021	.00307	-.00052	-.02136	.00096	.00001
#3	.00106	.00207	-.00043	.00506	.00075	-.03325	.00081	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.01019	.00026	-.00007	-.00076	-.00020	-.00008	-.01021
Stddev	.00001	.01023	.00027	.00010	.00022	.00026	.00007	.02624
%RSD	30.820	100.41	103.42	136.55	28.258	127.53	79.449	256.95
#1	.00006	-.02179	.00002	-.00017	-.00082	.00004	-.00009	-.03289
#2	.00005	-.00245	.00056	-.00007	-.00053	-.00018	-.00002	-.01626
#3	.00003	-.00633	.00021	.00002	-.00095	-.00047	-.00015	.01852
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	.00060	-.17674	-.00002	-.00020	-.06239	.00078	.01386
Stddev	.00010	.00045	.00359	.00001	.00003	.01741	.00020	.01156
%RSD	9.9056	75.627	2.0303	34.194	13.821	27.901	25.532	83.374
#1	.00088	.00043	-.18066	-.00002	-.00018	-.04454	.00067	.00100
#2	.00107	.00111	-.17361	-.00001	-.00020	-.07932	.00101	.01719
#3	.00099	.00026	-.17597	-.00001	-.00023	-.06331	.00067	.02338
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00342	.00026	-.00036	-.00001	-.00394	-.0048	-.00015	F 6.0349
Stddev	.00141	.00257	.00041	.00245	.00122	.0012	.00005	.1037
%RSD	41.112	981.85	113.61	19524.	30.963	24.80	36.377	1.7189
#1	-.00189	-.00270	-.00027	.00164	-.00416	-.0047	-.00021	6.1383
#2	-.00372	.00168	-.00000	.00115	-.00263	-.0037	-.00011	6.0356
#3	-.00466	.00181	-.00080	-.00283	-.00504	-.0061	-.00012	5.9308

Sample Name: CCB03 Acquired: 4/22/2019 15:56:16 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 10.954
Stddev 5.140
%RSD 46.926

#1 16.864
#2 7.5215
#3 8.4766

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4736.2	62463.	6224.5	75.524	5276.4
Stddev	7.0	137.	35.1	.971	10.3
%RSD	.14843	.22009	.56373	1.2852	.19533

#1	4728.3	62323.	6193.1	74.614	5267.9
#2	4738.5	62598.	6217.9	75.414	5273.6
#3	4741.8	62468.	6262.4	76.545	5287.9

Sample Name: LR CHECK 1 Acquired: 4/22/2019 16:00:43 Type: Unk
Method: P4-ICP2(v3062) 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	-.09027	.07283	.07817	.02086	.07129	2125.4	.01000	.03761
Stddev	.00664	.00140	.00196	.00308	.00198	5.7	.00067	.00006
%RSD	7.3509	1.9180	2.5018	14.760	2.7832	.26633	6.7114	.15021

#1	-.08406	.07444	.08043	.01796	.06928	2120.2	.00942	.03756
#2	-.09727	.07200	.07691	.02052	.07325	2131.4	.01074	.03767
#3	-.08948	.07205	.07718	.02409	.07134	2124.6	.00984	.03760

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08196	1876.0	-.09040	.06393	-.02571	938.14	.00210	1867.9
Stddev	.00124	12.8	.00118	.00074	.00258	6.20	.00027	12.3
%RSD	1.5164	.68467	1.3024	1.1527	10.029	.66116	12.849	.65675

#1	.08179	1863.2	-.08931	.06343	-.02296	932.23	.00237	1854.7
#2	.08328	1875.9	-.09025	.06478	-.02609	937.60	.00183	1869.8
#3	.08081	1888.9	-.09165	.06358	-.02808	944.60	.00209	1879.1

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04502	-.12042	1728.2	.00598	.12722	908.54	-.00816	-.21946
Stddev	.00037	.00158	5.1	.00043	.00242	4.46	.00086	.03432
%RSD	.83043	1.3109	.29419	7.1892	1.9053	.49095	10.583	15.638

#1	-.04459	-.12010	1728.7	.00620	.12885	912.79	-.00797	-.19786
#2	-.04524	-.12214	1732.9	.00548	.12837	903.90	-.00741	-.20148
#3	-.04524	-.11903	1722.8	.00625	.12443	908.92	-.00911	-.25903

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45019	-.00292	.03442	-.06427	.10949	.0438	-1.0148	<.00000
Stddev	.01066	.00223	.00151	.00201	.00102	.0021	.0067	.08552
%RSD	2.3689	76.209	4.3745	3.1310	.92908	4.886	.66343	2.0919

#1	.43812	-.00299	.03269	-.06203	.10854	.0441	-1.0085	-4.1857
#2	.45410	-.00512	.03519	-.06592	.11056	.0458	-1.0141	-4.0264
#3	.45835	-.00066	.03539	-.06486	.10938	.0416	-1.0219	-4.0520

Sample Name: LR CHECK 1 Acquired: 4/22/2019 16:00:43 Type: Unk
Method: P4-ICP2(v3062) 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	2945.2	40585.	5213.3	54.518	2435.4
Stddev	3.3	86.	40.0	1.664	6.7
%RSD	.11242	.21124	.76708	3.0523	.27543

#1	2947.7	40684.	5171.7	56.373	2443.1
#2	2946.4	40526.	5216.5	53.156	2432.3
#3	2941.5	40546.	5251.5	54.026	2430.7

Sample Name: LR CHECK 2 Acquired: 4/22/2019 16:05:44 Type: Unk
Method: P4-ICP2(v3062) 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	-.00149	-.01861	244.25	.02270	-.03539	-.24098	95.351	-.00069
Stddev	.00084	.00150	1.39	.00048	.00164	.00328	.103	.00006
%RSD	56.705	8.0651	.56855	2.1344	4.6466	1.3624	.10796	8.5346
#1	-.00052	-.02003	242.93	.02232	-.03454	-.23738	95.244	-.00063
#2	-.00209	-.01704	245.70	.02325	-.03729	-.24173	95.361	-.00075
#3	-.00184	-.01876	244.11	.02252	-.03435	-.24382	95.449	-.00070
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00723	.20247	-.13094	-.01093	260.75	-.76745	42.973	-.11728
Stddev	.00001	.00360	.00045	.00007	1.00	.00429	.071	.03855
%RSD	.10165	1.7773	.34301	.66462	.38371	.55907	.16442	32.874
#1	-.00722	.20309	-.13044	-.01086	259.61	-.76258	42.892	-.16041
#2	-.00724	.20571	-.13131	-.01101	261.19	-.77068	43.021	-.08614
#3	-.00722	.19860	-.13108	-.01093	261.46	-.76910	43.006	-.10530
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.613	.00852	.65183	-.02223	35.026	.98404	-.00479	.01356
Stddev	.116	.00026	.02563	.00033	.194	.03746	.00010	.00633
%RSD	.23408	3.1024	3.9324	1.5049	.55432	3.8064	2.1447	46.671
#1	49.479	.00858	.62239	-.02231	35.234	1.0063	-.00489	.01583
#2	49.686	.00823	.66925	-.02186	34.993	1.0050	-.00478	.00641
#3	49.675	.00875	.66384	-.02252	34.850	.94079	-.00469	.01845
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07795	-.00770	.00062	.02548	-.00690	-.2444	.00232	10.201
Stddev	.00577	.00229	.00045	.00184	.00094	.0059	.00004	.338
%RSD	7.4088	29.760	72.528	7.2394	13.671	2.423	1.7310	3.3164
#1	.07405	-.00549	.00097	.02701	-.00613	-.2411	.00236	10.520
#2	.08458	-.01007	.00011	.02343	-.00662	-.2409	.00231	9.8462
#3	.07521	-.00756	.00078	.02600	-.00795	-.2512	.00228	10.237

Sample Name: LR CHECK 2 Acquired: 4/22/2019 16:05:44 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 14.730
 Stddev 3.772
 %RSD 25.607

#1 17.219
 #2 10.390
 #3 16.581

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4317.8	61280.	6287.0	75.128	4691.7
Stddev	16.4	27.	20.7	.303	17.6
%RSD	.38056	.04329	.32985	.40335	.37605

#1	4336.6	61292.	6304.9	75.275	4711.7
#2	4310.3	61299.	6292.0	74.780	4685.4
#3	4306.4	61250.	6264.3	75.330	4678.1

Sample Name: K2465-01 Acquired: 4/22/2019 16:10:41 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Q-COMP-4.18. Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03256	.01077	.21562	.02974	.02359	193.61	1.3281	.02330
Stddev	.00132	.00123	.00250	.00199	.00251	.30	.0020	.00016
%RSD	4.0495	11.387	1.1572	6.6826	10.655	.15340	.14898	.69346
#1	-.03113	.01086	.21761	.03036	.02608	193.27	1.3279	.02335
#2	-.03372	.01194	.21282	.02752	.02365	193.78	1.3262	.02342
#3	-.03283	.00950	.21644	.03135	.02105	193.79	1.3302	.02311
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04566	236.73	-.02954	.49468	3.0286	437.90	8.4673	181.86
Stddev	.00013	1.42	.00033	.00096	.0047	1.70	.0176	1.19
%RSD	.28262	.60016	1.1173	.19337	.15504	.38750	.20833	.65493
#1	.04576	235.65	-.02967	.49358	3.0340	436.25	8.4838	180.76
#2	.04551	236.20	-.02917	.49519	3.0261	437.81	8.4487	181.70
#3	.04570	238.34	-.02979	.49527	3.0257	439.64	8.4693	183.13
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20158	-.05266	19.179	2.0459	1.6954	20.910	.00135	4.1696
Stddev	.00074	.00058	.047	.0040	.0011	.119	.00021	.0148
%RSD	.36812	1.0937	.24300	.19399	.06381	.56904	15.485	.35577
#1	.20073	-.05228	19.132	2.0478	1.6954	20.813	.00158	4.1525
#2	.20194	-.05333	19.179	2.0487	1.6965	20.875	.00130	4.1770
#3	.20208	-.05238	19.225	2.0414	1.6944	21.043	.00117	4.1792
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2561	6.3274	.01779	9.7974	.11311	F 19.29	.07045	<.00000
Stddev	.0147	.0705	.00155	.0195	.00065	.01	.00160	.37628
%RSD	.44986	1.1145	8.7280	.19926	.57509	.0543	2.2648	2.5856
#1	3.2441	6.3971	.01800	9.7823	.11381	19.28	.07202	-14.123
#2	3.2724	6.3291	.01922	9.7905	.11298	19.30	.06883	-14.712
#3	3.2518	6.2561	.01614	9.8195	.11253	19.29	.07049	-14.823

Sample Name: K2465-01 Acquired: 4/22/2019 16:10:41 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Q-COMP-4.18. Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1245.7
Stddev	6.8
%RSD	.54623

#1	1244.3
#2	1253.1
#3	1239.7

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4962.1	67456.	7441.8	64.640	3793.6
Stddev	13.5	59.	15.8	1.446	4.5
%RSD	.27296	.08799	.21215	2.2377	.11941

#1	4946.5	67524.	7452.1	64.137	3789.5
#2	4970.7	67425.	7449.8	66.270	3798.5
#3	4969.2	67419.	7423.7	63.512	3792.9

Sample Name: K2489-01 Acquired: 4/22/2019 16:15:13 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-CUR Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04124	.00502	.08527	.00740	.00382	161.53	.88456
Stddev	.00296	.00283	.00217	.00102	.00188	.39	.00362
%RSD	7.1699	56.379	2.5457	13.714	49.276	.24215	.40969

#1	.04325	.00590	.08302	.00747	.00299	161.98	.88865
#2	.03785	.00732	.08736	.00635	.00598	161.33	.88175
#3	.04262	.00186	.08542	.00838	.00250	161.28	.88328

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00875	.00100	F 1888.3	.45843	.04093	.23370	98.818
Stddev	.00012	.00014	17.4	.00247	.00030	.00144	.533
%RSD	1.4184	14.298	.92351	.53962	.73087	.61627	.53919

#1	.00885	.00083	1878.0	.46129	.04065	.23203	99.429
#2	.00880	.00107	1908.5	.45690	.04125	.23453	98.449
#3	.00862	.00109	1878.5	.45711	.04089	.23452	98.576

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3848	104.67	.13124	.00214	6.1679	.19533	.60558
Stddev	.0041	.66	.00102	.00039	.0311	.00133	.00068
%RSD	.12092	.63265	.77639	18.278	.50419	.68095	.11273

#1	3.3894	105.42	.13039	.00259	6.1824	.19680	.60530
#2	3.3835	104.42	.13237	.00187	6.1322	.19498	.60636
#3	3.3815	104.17	.13095	.00196	6.1891	.19421	.60509

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8397	.01869	.35357	F 72.878	.76852	-.01093	5.3782
Stddev	.0278	.00033	.00789	.119	.00305	.00104	.0064
%RSD	.35486	1.7554	2.2324	.16271	.39670	9.5298	.11921

#1	7.8665	.01875	.34505	72.940	.77203	-.01023	5.3804
#2	7.8110	.01898	.35504	72.953	.76660	-.01212	5.3832
#3	7.8415	.01834	.36063	72.741	.76692	-.01042	5.3710

Sample Name: K2489-01 Acquired: 4/22/2019 16:15:13 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-CUR Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19540	5.538	F 10.003	11.974	F<.00000
Stddev	.00106	.008	.040	.138	8.2842
%RSD	.54229	.1407	.40119	1.1492	8.7964
#1	.19500	5.546	9.9990	11.817	-96.711
#2	.19660	5.539	10.045	12.073	-84.922
#3	.19459	5.530	9.9652	12.032	-100.90
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3947.0	52892.	6116.7	65.432	3593.9
Stddev	3.3	220.	13.2	.587	4.8
%RSD	.08379	.41546	.21638	.89719	.13478
#1	3944.7	52641.	6109.3	65.895	3592.3
#2	3950.7	52989.	6108.8	65.629	3590.2
#3	3945.4	53047.	6132.0	64.771	3599.4

Sample Name: K2489-02 Acquired: 4/22/2019 16:19:56 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-CUR Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05415	.00644	.09102	.01088	.00201	163.68	1.0230
Stddev	.00400	.00110	.00124	.00090	.00046	.36	.0020
%RSD	7.3871	17.078	1.3587	8.3107	22.944	.22148	.19830

#1	.05780	.00592	.09128	.01189	.00247	164.10	1.0210
#2	.05478	.00770	.09210	.01014	.00202	163.54	1.0251
#3	.04988	.00569	.08967	.01061	.00155	163.42	1.0228

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00965	.00124	F 1989.8	.47549	.04327	.23533	103.31
Stddev	.00008	.00011	22.5	.00109	.00026	.00040	.53
%RSD	.77904	8.7899	1.1287	.22828	.60054	.17049	.50909

#1	.00972	.00112	2015.4	.47520	.04297	.23559	103.44
#2	.00966	.00133	1973.5	.47668	.04339	.23553	102.73
#3	.00957	.00127	1980.4	.47457	.04345	.23487	103.76

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3295	110.53	.14141	.00245	22.019	.19077	.63402
Stddev	.0029	.42	.00122	.00059	.039	.00170	.00239
%RSD	.08859	.38338	.86401	24.204	.17686	.89288	.37751

#1	3.3266	110.06	.14045	.00176	21.978	.19096	.63438
#2	3.3325	110.63	.14278	.00280	22.056	.19237	.63622
#3	3.3294	110.89	.14099	.00278	22.022	.18898	.63147

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.262	.02049	.34126	F 73.242	.72286	-.01157	5.0901
Stddev	.108	.00018	.00584	.280	.01148	.00097	.0268
%RSD	.41151	.88759	1.7125	.38219	1.5877	8.3851	.52586

#1	26.162	.02053	.33523	73.402	.72846	-.01058	5.1140
#2	26.377	.02064	.34165	73.405	.73046	-.01161	5.0612
#3	26.248	.02029	.34689	72.918	.70966	-.01252	5.0951

Sample Name: K2489-02 Acquired: 4/22/2019 16:19:56 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-CUR Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22934	5.267	F 11.851	12.564	F<.00000
Stddev	.00032	.016	.196	.176	8.8411
%RSD	.14138	.2990	1.6561	1.4036	8.8043
#1	.22970	5.284	12.016	12.427	-92.227
#2	.22924	5.263	11.634	12.503	-109.79
#3	.22907	5.254	11.903	12.763	-99.236
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3912.5	52492.	6111.2	63.436	3544.2
Stddev	6.8	73.	59.1	.850	14.5
%RSD	.17487	.13839	.96778	1.3405	.41050
#1	3913.5	52412.	6043.0	62.560	3541.5
#2	3905.3	52509.	6148.6	63.490	3531.2
#3	3918.8	52555.	6142.0	64.258	3559.9

Sample Name: K2508-02 Acquired: 4/22/2019 16:24:39 Type: Unk
Method: P4-ICP2(v3062) 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	-.00113	-.00067	.00997	.00339	-.00086	3.2443	.03424	.00023
Stddev	.00107	.00076	.00075	.00147	.00088	.0260	.00050	.00003
%RSD	94.394	113.10	7.4729	43.371	101.85	.80204	1.4746	12.861

#1	-.00058	-.00027	.00970	.00239	-.00183	3.2743	.03447	.00019
#2	-.00236	-.00154	.01082	.00270	-.00063	3.2303	.03366	.00025
#3	-.00045	-.00019	.00941	.00508	-.00012	3.2282	.03459	.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	3.4436	.00901	.00273	.03572	8.1479	.06858	1.4548
Stddev	.00003	.0105	.00046	.00011	.00024	.0041	.00041	.0479
%RSD	189.05	.30426	5.0817	4.0813	.66172	.05045	.60460	3.2901

#1	-.00001	3.4361	.00877	.00260	.03551	8.1443	.06813	1.4044
#2	.00000	3.4392	.00873	.00281	.03569	8.1524	.06868	1.4604
#3	.00005	3.4556	.00954	.00277	.03598	8.1471	.06894	1.4997

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00697	.00033	.62288	.00962	.33871	.32248	.00091	.09759
Stddev	.00006	.00035	.00423	.00013	.00087	.03243	.00012	.01272
%RSD	.90617	107.67	.67831	1.3100	.25669	10.057	12.839	13.038

#1	.00704	.00074	.61803	.00959	.33835	.28510	.00080	.08974
#2	.00691	.00016	.62489	.00951	.33970	.33917	.00091	.09075
#3	.00696	.00009	.62573	.00976	.33808	.34318	.00103	.11227

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2633	.74474	.00078	.14401	-.00228	.1247	.00050	6.0750
Stddev	.0136	.00251	.00044	.00152	.00174	.0027	.00000	.4897
%RSD	1.0756	.33684	55.603	1.0573	76.160	2.161	.51503	8.0602

#1	1.2540	.74665	.00084	.14226	-.00411	.1226	.00051	5.5300
#2	1.2570	.74567	.00032	.14501	-.00064	.1238	.00050	6.2174
#3	1.2789	.74190	.00119	.14475	-.00210	.1277	.00050	6.4777

Sample Name: K2508-02 Acquired: 4/22/2019 16:24:39 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-DEBRIS- Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 16.908
Stddev 5.805
%RSD 34.332

#1 18.216
#2 10.561
#3 21.948

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4654.1	63111.	6332.2	76.192	5272.4
Stddev	5.5	251.	21.7	1.159	5.7
%RSD	.11831	.39697	.34268	1.5209	.10735

#1	4656.0	62895.	6313.5	77.011	5268.3
#2	4658.4	63051.	6327.0	76.698	5278.8
#3	4647.9	63385.	6356.0	74.866	5269.9

Sample Name: K2508-04 Acquired: 4/22/2019 16:29:01 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL-220-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	.00114	-.00034	.00206	-.00149	-.01131	.00035	-.00001
Stddev	.00061	.00069	.00031	.00258	.00134	.00712	.00043	.00001
%RSD	94.898	60.384	90.316	125.53	89.614	62.903	122.28	171.64

#1	.00061	.00108	-.00052	.00494	-.00067	-.01888	-.00009	-.00000
#2	.00005	.00048	.00001	.00125	-.00303	-.01030	.00077	-.00002
#3	.00127	.00186	-.00051	-.00003	-.00077	-.00476	.00038	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.15028	.00093	.00004	.00097	.32270	.00279	-.03064
Stddev	.00001	.00392	.00022	.00012	.00023	.00137	.00006	.02049
%RSD	81.973	2.6081	23.768	272.39	23.936	.42529	2.2867	66.875

#1	.00000	.14939	.00113	.00005	.00122	.32377	.00274	-.02172
#2	.00003	.14688	.00097	-.00008	.00091	.32115	.00276	-.01613
#3	.00002	.15457	.00070	.00017	.00077	.32319	.00286	-.05409

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00207	.00044	.24060	-.00001	.03841	.03178	.00044	.01505
Stddev	.00023	.00031	.00223	.00025	.00008	.00495	.00009	.01299
%RSD	11.081	68.688	.92777	3137.1	.19977	15.568	21.596	86.317

#1	.00197	.00069	.23942	-.00030	.03847	.03550	.00043	.02965
#2	.00191	.00010	.23920	.00012	.03833	.02617	.00053	.01073
#3	.00234	.00055	.24317	.00015	.03845	.03369	.00035	.00477

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99519	.00932	-.00094	.00284	-.00504	.0120	-.00025	5.6649
Stddev	.00477	.00114	.00057	.00070	.00017	.0002	.00009	.0867
%RSD	.47900	12.258	61.278	24.556	3.3866	1.510	34.445	1.5304

#1	.99644	.00805	-.00097	.00240	-.00487	.0118	-.00033	5.5670
#2	.98992	.00963	-.00149	.00248	-.00521	.0121	-.00016	5.6956
#3	.99920	.01027	-.00034	.00364	-.00505	.0122	-.00026	5.7320

Sample Name: K2508-04 Acquired: 4/22/2019 16:29:01 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OIL-220-6 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	19.550
Stddev	5.424
%RSD	27.746

#1	13.294
#2	22.936
#3	22.421

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4717.3	64047.	6400.3	76.283	5453.8
Stddev	2.9	235.	8.0	2.200	3.9
%RSD	.06226	.36672	.12553	2.8842	.07074

#1	4714.8	63864.	6399.9	77.918	5454.0
#2	4720.5	64312.	6408.5	77.150	5449.8
#3	4716.7	63965.	6392.5	73.782	5457.5

Sample Name: K2508-09 Acquired: 4/22/2019 16:33:28 Type: Unk
Method: P4-ICP2(v3062) 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	.00076	.00099	.04145	.00681	.00011	7.8390	.22595	.00140
Stddev	.00145	.00052	.00075	.00075	.00112	.0468	.00080	.00001
%RSD	190.99	53.012	1.8173	10.990	994.09	.59745	.35593	.57523

#1	-.00068	.00138	.04116	.00667	-.00006	7.7860	.22506	.00141
#2	.00222	.00118	.04230	.00761	.00131	7.8560	.22619	.00139
#3	.00074	.00039	.04089	.00613	-.00092	7.8749	.22662	.00140

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	18.052	.06825	.01047	.05447	20.362	.25000	11.225
Stddev	.00010	.015	.00032	.00020	.00035	.038	.00049	.079
%RSD	21.218	.08046	.46350	1.9467	.63348	.18892	.19752	.70475

#1	.00043	18.045	.06790	.01048	.05423	20.320	.25018	11.160
#2	.00060	18.042	.06851	.01026	.05486	20.369	.24944	11.313
#3	.00042	18.068	.06834	.01067	.05431	20.396	.25037	11.203

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04247	.00465	17.355	.02967	.95090	2.0954	.01033	.05508
Stddev	.00028	.00038	.091	.00019	.00136	.0498	.00032	.00860
%RSD	.65342	8.1537	.52466	.63567	.14299	2.3777	3.1100	15.618

#1	.04279	.00507	17.253	.02947	.95091	2.0394	.00996	.05336
#2	.04225	.00457	17.428	.02984	.95225	2.1119	.01054	.04747
#3	.04239	.00432	17.383	.02969	.94953	2.1348	.01050	.06442

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5662	1.2826	.00743	.20962	-.00022	1.638	.02134	6.3824
Stddev	.0136	.0067	.00064	.00149	.00062	.011	.00009	.1449
%RSD	.86893	.52044	8.6477	.70958	284.72	.6830	.41031	2.2704

#1	1.5594	1.2903	.00799	.20958	-.00020	1.638	.02144	6.3605
#2	1.5819	1.2794	.00673	.21113	-.00085	1.649	.02128	6.2498
#3	1.5574	1.2782	.00755	.20815	.00039	1.626	.02130	6.5371

Sample Name: K2508-09 Acquired: 4/22/2019 16:33:28 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-DEBRIS- Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 17.832
 Stddev .704
 %RSD 3.9452

#1 17.606
 #2 18.621
 #3 17.270

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4648.3	62874.	6499.4	75.088	4980.3
Stddev	5.3	95.	22.5	1.635	7.9
%RSD	.11502	.15046	.34676	2.1770	.15955

#1	4642.5	62976.	6473.7	76.817	4978.1
#2	4649.4	62859.	6508.6	74.880	4973.7
#3	4653.0	62788.	6515.9	73.567	4989.1

Sample Name: CCV04 Acquired: 4/22/2019 16:37:48 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL-220-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0903	4.9716	4.9574	5.0011	5.1111	9.5938	9.7587	.24807
Stddev	.0040	.0107	.0094	.0068	.0072	.0727	.0852	.00018
%RSD	.07863	.21486	.19035	.13563	.14100	.75816	.87257	.07157
#1	5.0865	4.9839	4.9679	4.9988	5.1057	9.5110	9.6615	.24827
#2	5.0900	4.9661	4.9550	5.0087	5.1193	9.6229	9.7947	.24794
#3	5.0945	4.9647	4.9495	4.9958	5.1084	9.6475	9.8200	.24800
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3605	23.419	.91547	2.4938	1.2340	4.7717	2.4708	23.936
Stddev	.0041	.055	.00221	.0042	.0021	.0068	.0029	.324
%RSD	.17543	.23293	.24129	.16883	.17335	.14318	.11566	1.3554
#1	2.3651	23.356	.91297	2.4969	1.2316	4.7681	2.4695	23.561
#2	2.3594	23.446	.91714	2.4955	1.2357	4.7796	2.4741	24.125
#3	2.3570	23.455	.91630	2.4890	1.2346	4.7674	2.4689	24.120
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3693	1.2149	23.989	2.2814	2.4292	22.916	4.7801	4.8139
Stddev	.0025	.0032	.193	.0002	.0029	.226	.0077	.0594
%RSD	.10512	.26115	.80599	.00717	.11774	.98421	.16075	1.2346
#1	2.3722	1.2159	23.767	2.2812	2.4318	22.656	4.7758	4.7683
#2	2.3677	1.2174	24.090	2.2815	2.4296	23.038	4.7889	4.7922
#3	2.3681	1.2113	24.111	2.2814	2.4262	23.054	4.7754	4.8811
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6407	F 4.1297	F 4.4757	4.8709	4.5016	4.871	4.8192	F 9.3335
Stddev	.0032	.0202	.0088	.0258	.0198	.009	.0104	.2564
%RSD	.06947	.48999	.19693	.52905	.43946	.1795	.21548	2.7473
#1	4.6441	4.1504	4.4815	4.8452	4.5241	4.878	4.8301	9.4521
#2	4.6377	4.1288	4.4655	4.8708	4.4870	4.861	4.8095	9.0392
#3	4.6404	4.1099	4.4800	4.8967	4.4937	4.874	4.8180	9.5091

Sample Name: CCV04 Acquired: 4/22/2019 16:37:48 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OIL-220-3 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 9.1225
Stddev	2.1453
%RSD	23.516

#1	9.4451
#2	6.8341
#3	11.088

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4423.3	58935.	6139.7	71.608	4566.8
Stddev	9.0	240.	55.3	.456	9.2
%RSD	.20312	.40769	.90095	.63633	.20168

#1	4422.1	58929.	6082.4	71.874	4559.2
#2	4415.1	58698.	6143.9	71.082	4564.2
#3	4432.9	59178.	6192.8	71.868	4577.1

Sample Name: CCB04 Acquired: 4/22/2019 16:41:46 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-PILE-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00156	.00144	.00059	.00135	.00010	-.02331	.00057	.00003
Stddev	.00054	.00080	.00048	.00296	.00046	.01900	.00037	.00002
%RSD	34.511	55.409	81.403	219.74	453.88	81.504	65.069	56.599
#1	-.00098	.00201	.00109	-.00201	.00063	-.02209	.00028	.00001
#2	-.00203	.00053	.00014	.00248	-.00013	-.00495	.00100	.00003
#3	-.00167	.00179	.00053	.00358	-.00019	-.04290	.00045	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00083	.00009	-.00001	-.00041	.00003	-.00004	-.02060
Stddev	.00004	.00925	.00028	.00010	.00040	.00074	.00003	.02113
%RSD	42.658	1120.8	322.42	700.08	95.720	2376.2	79.236	102.56
#1	.00011	-.00972	.00035	.00010	-.00053	.00088	-.00001	-.03783
#2	.00013	.00755	.00012	-.00008	.00003	-.00045	-.00003	.00297
#3	.00005	.00464	-.00021	-.00006	-.00074	-.00034	-.00008	-.02695
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00094	.00037	-.10057	-.00000	.00055	.02363	.00065	.02008
Stddev	.00019	.00038	.00663	.00022	.00005	.00989	.00018	.01069
%RSD	20.206	103.42	6.5922	17311.	9.8682	41.864	28.449	53.229
#1	.00074	.00059	-.10706	-.00019	.00056	.01941	.00074	.02826
#2	.00096	-.00007	-.09381	-.00006	.00060	.03493	.00044	.02400
#3	.00112	.00059	-.10083	.00024	.00049	.01655	.00078	.00799
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	-.00280	-.00039	-.00101	-.00214	-.0059	-.00015	F 6.6892
Stddev	.00152	.00093	.00060	.00108	.00160	.0004	.00008	.0741
%RSD	318.53	33.389	155.49	107.23	74.898	5.951	55.156	1.1082
#1	-.00122	-.00201	.00023	-.00100	-.00233	-.0056	-.00023	6.7198
#2	.00093	-.00255	-.00042	-.00210	-.00363	-.0063	-.00006	6.7431
#3	.00172	-.00383	-.00098	.00007	-.00045	-.0059	-.00016	6.6047

Sample Name: CCB04 Acquired: 4/22/2019 16:41:46 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL-PILE-A Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 13.041
Stddev	3.608
%RSD	27.669

#1	9.4162
#2	13.075
#3	16.633

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4705.8	62665.	6369.6	75.989	5250.9
Stddev	4.4	206.	25.2	.426	5.3
%RSD	.09268	.32903	.39501	.56011	.10177

#1	4705.9	62897.	6341.1	76.034	5249.6
#2	4701.4	62504.	6388.4	76.391	5246.2
#3	4710.1	62594.	6379.4	75.543	5256.7

Sample Name: PB119095BL Acquired: 4/22/2019 16:46:15 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119095BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00042	.00005	.00254	-.00099	-.03052	.00014	.00001
Stddev	.00320	.00040	.00046	.00355	.00068	.00528	.00020	.00003
%RSD	15338.	94.407	951.62	139.82	68.596	17.292	141.66	204.81

#1	-.00066	.00084	.00058	.00504	-.00123	-.03627	-.00003	.00002
#2	.00351	.00038	-.00020	.00409	-.00151	-.02590	.00037	-.00002
#3	-.00279	.00005	-.00024	-.00152	-.00022	-.02939	.00010	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.02119	-.00017	.00012	-.00080	-.00018	-.00008	-.01593
Stddev	.00008	.01362	.00015	.00006	.00010	.00022	.00004	.04102
%RSD	8129.7	64.272	90.707	48.368	12.227	123.60	52.500	257.54

#1	-.00006	-.02939	-.00017	.00006	-.00090	-.00010	-.00011	-.05551
#2	-.00002	-.00547	-.00032	.00017	-.00079	-.00043	-.00003	.02639
#3	.00009	-.02873	-.00002	.00014	-.00070	-.00001	-.00009	-.01867

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00108	.00051	-.12891	.00018	.00024	-.00194	.00028	F .03085
Stddev	.00045	.00036	.00973	.00031	.00004	.02332	.00013	.00486
%RSD	41.874	69.362	7.5503	176.75	18.426	1200.5	46.006	15.742

#1	.00149	.00064	-.13694	.00035	.00021	-.02878	.00031	.03615
#2	.00059	.00078	-.11809	.00036	.00029	.00961	.00038	.02978
#3	.00116	.00011	-.13171	-.00018	.00022	.01334	.00013	.02662

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00387	-.00329	-.00099	-.00011	-.00396	-.0046	-.00017	F 7.3329
Stddev	.00183	.00068	.00006	.00067	.00124	.0002	.00005	.2011
%RSD	47.384	20.803	6.4305	610.84	31.200	4.167	31.328	2.7430

#1	-.00408	-.00380	-.00093	.00066	-.00391	-.0044	-.00023	7.1014
#2	-.00194	-.00356	-.00105	-.00046	-.00275	-.0048	-.00016	7.4654
#3	-.00559	-.00251	-.00097	-.00053	-.00522	-.0045	-.00012	7.4318

Sample Name: PB119095BL Acquired: 4/22/2019 16:46:15 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119095BL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 14.545
Stddev	4.214
%RSD	28.971

#1	11.074
#2	19.234
#3	13.328

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4683.6	62356.	6288.5	74.536	5230.2
Stddev	11.2	129.	31.6	1.216	3.6
%RSD	.24007	.20650	.50278	1.6318	.06893

#1	4675.1	62307.	6254.6	73.516	5230.1
#2	4679.4	62258.	6317.1	75.882	5226.6
#3	4696.4	62502.	6293.9	74.209	5233.8

Sample Name: PB119095BS Acquired: 4/22/2019 16:50:43 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119095BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79168	2.0098	.99928	1.9645	.80478	2.0065	.20853
Stddev	.00822	.0143	.01143	.0156	.00648	.0191	.00199
%RSD	1.0380	.71109	1.1439	.79351	.80570	.95103	.95216

#1	.80043	2.0261	1.0121	1.9809	.81080	2.0234	.20926
#2	.79047	2.0036	.99568	1.9625	.80564	1.9858	.20628
#3	.78413	1.9996	.99009	1.9499	.79791	2.0104	.21005

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20016	.18717	1.0685	.40647	.20649	.31937	3.1786
Stddev	.00051	.00180	.0093	.00026	.00218	.00401	.0035
%RSD	.25290	.96389	.86905	.06492	1.0537	1.2566	.10925

#1	.20043	.18913	1.0753	.40640	.20891	.32396	3.1758
#2	.20048	.18678	1.0723	.40676	.20586	.31762	3.1825
#3	.19958	.18559	1.0579	.40625	.20469	.31653	3.1774

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21963	2.0393	.48841	.07225	2.9873	.30268	.19611
Stddev	.00075	.0386	.00534	.00047	.0129	.00119	.00201
%RSD	.34158	1.8901	1.0929	.64393	.43141	.39222	1.0271

#1	.22037	2.0423	.49450	.07250	2.9880	.30401	.19840
#2	.21966	1.9994	.48615	.07253	2.9742	.30231	.19528
#3	.21887	2.0763	.48457	.07171	2.9999	.30172	.19464

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6704	.41030	.31926	F -.01417	.79323	.62705	.21237
Stddev	.0623	.00409	.00167	.00053	.00744	.00795	.00252
%RSD	.64466	.99714	.52331	3.7613	.93776	1.2680	1.1875

#1	9.6353	.41481	.31810	-.01463	.79689	.63616	.21360
#2	9.6335	.40926	.32117	-.01359	.79812	.62353	.21403
#3	9.7424	.40683	.31849	-.01430	.78467	.62148	.20947

Sample Name: PB119095BS Acquired: 4/22/2019 16:50:43 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119095BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19594	5.227	.20703	F 7.1172	F 24.607
Stddev	.00078	.053	.00098	.2426	2.839
%RSD	.40023	1.017	.47530	3.4088	11.539
#1	.19682	5.289	.20748	7.1094	26.002
#2	.19530	5.200	.20770	7.3636	26.479
#3	.19570	5.193	.20590	6.8786	21.340
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4653.2	62137.	6153.4	74.970	5131.0
Stddev	13.4	119.	55.8	.486	14.4
%RSD	.28776	.19154	.90740	.64870	.28040
#1	4640.3	62064.	6120.0	75.521	5114.4
#2	4652.4	62274.	6122.4	74.600	5138.9
#3	4667.0	62072.	6217.8	74.789	5139.8

Sample Name: PB119109BL Acquired: 4/22/2019 16:54:48 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119109BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	.00142	-.00010	.00064	-.00148	-.02886	.00078
Stddev	.00297	.00134	.00024	.00042	.00011	.00711	.00043
%RSD	598.51	94.703	230.76	65.970	7.2376	24.616	55.061

#1	.00210	.00297	.00004	.00073	-.00140	-.03490	.00029
#2	.00015	.00067	.00003	.00100	-.00144	-.03066	.00109
#3	-.00374	.00061	-.00038	.00018	-.00160	-.02103	.00096

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00004	-.01058	.00004	.00003	-.00050	-.00009
Stddev	.00003	.00002	.00835	.00014	.00010	.00009	.00019
%RSD	99.996	48.994	78.938	404.91	295.11	18.974	203.66

#1	-.00002	.00006	-.01449	.00018	-.00008	-.00053	.00001
#2	-.00001	.00005	-.01625	-.00011	.00011	-.00058	.00002
#3	-.00007	.00002	-.00099	.00004	.00007	-.00039	-.00032

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.02271	.00086	.00074	-.15204	.00021	.00007
Stddev	.00004	.02795	.00020	.00007	.00582	.00013	.00005
%RSD	56.139	123.08	22.941	9.0449	3.8289	59.418	74.643

#1	-.00011	-.04009	.00066	.00067	-.15771	.00007	.00013
#2	-.00003	.00953	.00105	.00080	-.14608	.00025	.00007
#3	-.00008	-.03756	.00085	.00075	-.15232	.00032	.00002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03063	.00029	.01791	F -.01192	-.00283	-.00103	.00022
Stddev	.02153	.00018	.00683	.00298	.00081	.00082	.00068
%RSD	70.304	62.101	38.131	25.013	28.698	79.585	305.17

#1	-.02444	.00040	.01005	-.00867	-.00236	-.00191	.00100
#2	-.05458	.00039	.02240	-.01255	-.00376	-.00028	-.00004
#3	-.01287	.00008	.02127	-.01453	-.00236	-.00091	-.00028

Sample Name: PB119109BL Acquired: 4/22/2019 16:54:48 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119109BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00293	-0.0049	-0.00019	F 7.3836	F 5.5186
Stddev	.00152	.0016	.00005	.2023	2.7275
%RSD	51.779	32.63	25.194	2.7398	49.424

#1	-0.00460	-0.0033	-0.00017	7.1878	6.3834
#2	-0.00253	-0.0051	-0.00025	7.3712	7.7090
#3	-0.00165	-0.0065	-0.00016	7.5918	2.4636

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4689.9	61986.	6245.8	74.767	5223.5
Stddev	7.7	191.	41.8	1.311	2.5
%RSD	.16503	.30812	.66965	1.7542	.04875

#1	4680.9	62137.	6265.0	76.266	5221.1
#2	4694.5	62050.	6197.8	74.202	5223.2
#3	4694.1	61772.	6274.5	73.832	5226.1

Sample Name: PB119109TB Acquired: 4/22/2019 17:03:42 Type: Unk
Method: P4-ICP2(v3062) 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	-.00217	-.00045	.00024	.00202	-.00045	-.00454	.00093
Stddev	.00176	.00187	.00028	.00158	.00048	.01245	.00026
%RSD	81.390	412.24	118.38	78.448	105.90	274.01	28.442

#1	-.00242	-.00007	.00056	.00215	-.00020	-.00597	.00063
#2	-.00029	.00120	.00008	.00353	-.00015	-.01622	.00110
#3	-.00379	-.00249	.00007	.00037	-.00100	.00856	.00107

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00008	-.00076	.00076	-.00007	-.00057	.01599
Stddev	.00001	.00003	.01339	.00013	.00017	.00031	.00016
%RSD	30.629	43.999	1759.0	16.921	226.42	53.884	1.0114

#1	-.00002	-.00010	-.00458	.00065	-.00001	-.00022	.01588
#2	-.00004	-.00004	-.01182	.00075	-.00026	-.00077	.01592
#3	-.00003	-.00009	.01412	.00090	.00005	-.00072	.01618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00999	.00297	.00202	F 276.07	-.00003	.00797
Stddev	.00003	.04248	.00010	.00068	.52	.00011	.00007
%RSD	15.264	425.40	3.3575	33.708	.18853	347.97	.86512

#1	.00024	-.05211	.00309	.00129	275.63	.00005	.00789
#2	.00019	.03285	.00294	.00213	275.92	.00001	.00800
#3	.00018	-.01071	.00290	.00263	276.64	-.00015	.00802

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05677	.00052	.01367	F -.01186	.00438	-.00092	.00025
Stddev	.02884	.00011	.01762	.00180	.00137	.00015	.00026
%RSD	50.807	20.394	128.93	15.160	31.250	16.904	102.53

#1	.06008	.00052	.02921	-.01389	.00502	-.00085	.00005
#2	.08381	.00041	-.00548	-.01121	.00281	-.00081	.00054
#3	.02641	.00062	.01727	-.01047	.00532	-.00109	.00017

Sample Name: PB119109TB Acquired: 4/22/2019 17:03:42 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00341	-0.0052	-0.00014	10.179	<.00000
Stddev	.00093	.0008	.00010	.400	.43781
%RSD	27.214	15.54	71.331	3.9338	3.6274

#1	-0.00279	-0.0055	-0.00015	9.7167	-11.598
#2	-0.00448	-0.0042	-0.00003	10.429	-12.146
#3	-0.00296	-0.0058	-0.00023	10.390	-12.464

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4377.7	58129.	6168.1	73.123	4553.0
Stddev	21.3	216.	28.5	1.414	23.1
%RSD	.48686	.37217	.46241	1.9333	.50740

#1	4377.6	57953.	6139.3	74.261	4553.7
#2	4399.1	58371.	6196.4	71.541	4575.8
#3	4356.5	58064.	6168.7	73.568	4529.6

Sample Name: PB119110BL Acquired: 4/22/2019 17:08:19 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00056	.00030	.00182	-.00032	-.02277	.00035
Stddev	.00235	.00012	.00056	.00114	.00124	.00974	.00093
%RSD	7654.8	20.973	186.61	62.586	385.86	42.778	267.67

#1	.00173	.00060	.00036	.00073	-.00106	-.01509	.00079
#2	.00102	.00043	.00083	.00174	.00111	-.01950	-.00072
#3	-.00265	.00066	-.00029	.00300	-.00102	-.03373	.00098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00001	-.00315	.00007	.00003	-.00073	.00011
Stddev	.00008	.00002	.00783	.00026	.00017	.00024	.00050
%RSD	969.61	241.81	248.71	377.01	644.54	32.758	462.75

#1	-.00007	-.00000	-.00607	-.00014	-.00003	-.00049	.00042
#2	.00009	.00004	.00572	.00035	.00022	-.00097	.00038
#3	-.00000	-.00000	-.00910	-.00001	-.00011	-.00072	-.00047

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.01467	.00029	.00074	-.05876	-.00020	-.00007
Stddev	.00007	.04803	.00003	.00021	.00555	.00017	.00004
%RSD	67.032	327.31	9.1752	28.087	9.4442	85.455	51.704

#1	-.00003	-.06955	.00029	.00082	-.06338	-.00003	-.00008
#2	-.00016	.00581	.00026	.00089	-.05261	-.00037	-.00011
#3	-.00015	.01972	.00031	.00050	-.06029	-.00019	-.00003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01236	.00013	.00729	F -.01641	-.00443	-.00153	-.00062
Stddev	.01346	.00010	.00875	.00348	.00296	.00014	.00072
%RSD	108.93	73.345	120.02	21.204	66.702	9.3996	115.51

#1	.02048	.00019	.00077	-.01936	-.00739	-.00138	.00014
#2	-.00318	.00002	.00386	-.01257	-.00442	-.00153	-.00073
#3	.01977	.00020	.01723	-.01729	-.00148	-.00167	-.00128

Sample Name: PB119110BL Acquired: 4/22/2019 17:08:19 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00171	-0.0055	-0.00015	F 8.1356	F 4.6847
Stddev	.00089	.0012	.00004	.2078	1.1428
%RSD	52.209	21.00	24.601	2.5543	24.395

#1	-0.00226	-0.0047	-0.00017	8.1840	6.0041
#2	-0.00219	-0.0050	-0.00010	7.9079	4.0429
#3	-0.00068	-0.0068	-0.00016	8.3150	4.0070

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4641.7	61598.	6154.6	73.436	5178.6
Stddev	4.7	240.	21.8	2.090	3.9
%RSD	.10165	.38992	.35485	2.8458	.07487

#1	4647.1	61371.	6130.5	72.289	5178.2
#2	4638.5	61574.	6160.3	72.170	5175.0
#3	4639.5	61849.	6173.1	75.848	5182.7

Sample Name: PB119110TB Acquired: 4/22/2019 17:17:14 Type: Unk
Method: P4-ICP2(v3062) 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	-.00282	-.00129	.00059	.00198	.00024	-.00093	.00107
Stddev	.00106	.00054	.00082	.00216	.00030	.00690	.00062
%RSD	37.609	41.823	139.04	109.22	124.94	744.97	57.772

#1	-.00179	-.00078	-.00033	-.00036	.00003	.00362	.00098
#2	-.00276	-.00186	.00085	.00389	.00011	.00247	.00050
#3	-.00391	-.00124	.00125	.00241	.00059	-.00887	.00172

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00008	.00527	.00073	-.00028	-.00039	.01369
Stddev	.00003	.00003	.00462	.00014	.00006	.00019	.00041
%RSD	29.806	34.172	87.630	19.503	20.343	49.759	3.0155

#1	-.00010	-.00011	.00996	.00066	-.00033	-.00029	.01325
#2	-.00008	-.00007	.00072	.00089	-.00030	-.00061	.01407
#3	-.00014	-.00007	.00514	.00063	-.00022	-.00026	.01375

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00686	.00265	.00179	F 287.28	.00031	.00395
Stddev	.00005	.00592	.00035	.00017	.82	.00018	.00005
%RSD	103.46	86.290	13.236	9.7083	.28474	56.686	1.3492

#1	.00008	-.00146	.00228	.00190	287.87	.00011	.00399
#2	-.00001	-.01318	.00298	.00187	287.62	.00040	.00397
#3	.00008	-.00593	.00268	.00159	286.35	.00042	.00389

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02849	.00041	.01197	F -.01527	.00541	-.00109	-.00076
Stddev	.04232	.00018	.01360	.00365	.00156	.00033	.00062
%RSD	148.53	45.032	113.58	23.873	28.792	29.768	80.610

#1	-.01760	.00051	.01928	-.01822	.00496	-.00080	-.00079
#2	.06560	.00020	.02035	-.01640	.00412	-.00145	-.00014
#3	.03747	.00052	-.00372	-.01119	.00714	-.00103	-.00137

Sample Name: PB119110TB Acquired: 4/22/2019 17:17:14 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00205	-0.0061	-0.00022	10.199	<.00000
Stddev	.00154	.0014	.00007	.113	10.694
%RSD	74.960	22.74	32.135	1.1071	73.301
#1	-0.00378	-0.0051	-0.00026	10.193	-17.434
#2	-0.00151	-0.0077	-0.00014	10.315	-23.572
#3	-0.00086	-0.0055	-0.00025	10.090	-2.7602
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4325.5	57194.	6056.4	73.007	4490.0
Stddev	14.4	190.	12.2	1.889	15.2
%RSD	.33237	.33229	.20165	2.5870	.33913
#1	4341.0	56999.	6047.3	71.125	4505.9
#2	4322.9	57206.	6070.2	74.902	4488.5
#3	4312.6	57378.	6051.6	72.993	4475.5

Sample Name: PB119078BL Acquired: 4/22/2019 17:21:51 Type: Unk
Method: P4-ICP2(v3062) 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	-.00029	.00021	-.00010	.00205	-.00061	-.01999	.00080
Stddev	.00143	.00088	.00054	.00090	.00160	.00546	.00055
%RSD	497.95	416.95	567.39	43.911	263.03	27.322	68.930

#1	.00074	-.00018	-.00058	.00234	.00007	-.01568	.00053
#2	.00032	-.00041	.00049	.00104	.00054	-.01817	.00143
#3	-.00192	.00123	-.00020	.00277	-.00244	-.02613	.00044

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00001	.00322	-.00018	.00015	-.00047	-.00023
Stddev	.00004	.00006	.00944	.00016	.00016	.00011	.00095
%RSD	512.25	700.73	293.19	90.197	106.82	23.755	411.52

#1	.00006	.00007	-.00510	-.00003	.00033	-.00058	-.00044
#2	-.00002	-.00005	.01348	-.00016	.00003	-.00046	.00080
#3	-.00001	.00000	.00127	-.00034	.00009	-.00036	-.00105

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.01217	.00071	.00052	-.04542	.00002	-.00008
Stddev	.00002	.04531	.00031	.00056	.00368	.00010	.00003
%RSD	20.111	372.29	43.860	108.00	8.1096	508.80	37.811

#1	-.00014	.03797	.00090	.00108	-.04477	.00010	-.00009
#2	-.00010	-.02430	.00035	.00053	-.04211	-.00010	-.00009
#3	-.00014	-.05019	.00089	-.00004	-.04939	.00006	-.00004

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00788	.00030	.01623	F -.01988	-.00507	-.00116	-.00023
Stddev	.03566	.00004	.00730	.00245	.00064	.00046	.00188
%RSD	452.52	13.927	44.997	12.348	12.593	39.805	809.01

#1	-.00071	.00028	.01187	-.01709	-.00434	-.00160	-.00108
#2	.04705	.00035	.01215	-.02173	-.00547	-.00120	-.00154
#3	-.02270	.00027	.02466	-.02081	-.00541	-.00068	.00192

Sample Name: PB119078BL Acquired: 4/22/2019 17:21:51 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00119	-0.0035	-0.00023	F 7.8764	F 3.6159
Stddev	.00054	.0005	.00002	.1393	1.7101
%RSD	45.255	14.55	10.073	1.7689	47.294

#1	-0.00091	-0.0034	-0.00022	7.8696	4.3065
#2	-0.00180	-0.0031	-0.00026	8.0190	1.6685
#3	-0.00084	-0.0041	-0.00021	7.7406	4.8727

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4663.6	61486.	6214.1	74.964	5186.9
Stddev	13.1	152.	35.9	.774	9.1
%RSD	.28187	.24660	.57697	1.0326	.17456

#1	4654.3	61446.	6195.0	75.539	5176.5
#2	4657.8	61359.	6255.5	75.270	5193.1
#3	4678.6	61654.	6192.0	74.084	5191.2

Sample Name: PB119078BS Acquired: 4/22/2019 17:26:19 Type: Unk
Method: P4-ICP2(v3062) 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	.73706	1.8889	.93047	1.8383	.74168	1.8038	.19006
Stddev	.00519	.0089	.00278	.0007	.00119	.0089	.00151
%RSD	.70382	.47382	.29872	.03856	.16030	.49552	.79364

#1	.74302	1.8992	.93354	1.8381	.74215	1.7978	.18850
#2	.73351	1.8827	.92975	1.8391	.74033	1.8141	.19015
#3	.73467	1.8849	.92813	1.8377	.74257	1.7995	.19152

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18729	.17335	.95923	.36846	.19054	.29915	2.9042
Stddev	.00050	.00073	.00732	.00102	.00071	.00033	.0007
%RSD	.26474	.42223	.76354	.27620	.37506	.10884	.02392

#1	.18678	.17413	.95164	.36729	.19122	.29890	2.9048
#2	.18777	.17323	.95980	.36914	.19060	.29952	2.9044
#3	.18731	.17268	.96626	.36894	.18979	.29904	2.9034

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19964	1.8447	.45474	.06723	2.7130	.27257	.18686
Stddev	.00013	.0427	.00167	.00050	.0161	.00059	.00075
%RSD	.06565	2.3165	.36738	.74958	.59453	.21608	.39911

#1	.19949	1.8433	.45601	.06764	2.6944	.27313	.18770
#2	.19973	1.8882	.45536	.06739	2.7230	.27196	.18659
#3	.19971	1.8028	.45285	.06667	2.7216	.27262	.18628

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8478	.37267	.29603	F -.03182	F .72226	F .57942	.18776
Stddev	.0163	.00126	.02042	.00240	.00307	.00454	.00271
%RSD	.18427	.33746	6.8989	7.5498	.42450	.78386	1.4445

#1	8.8629	.37383	.30244	-.03193	.72265	.58309	.18522
#2	8.8305	.37283	.27317	-.02937	.71902	.58083	.19061
#3	8.8500	.37133	.31248	-.03417	.72511	.57434	.18744

Sample Name: PB119078BS Acquired: 4/22/2019 17:26:19 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .16855	F 4.889	.18542	F 8.0606	F 22.756
Stddev	.00075	.021	.00054	.2954	1.375
%RSD	.44534	.4265	.28916	3.6648	6.0442
#1	.16797	4.910	.18587	8.3686	21.183
#2	.16940	4.888	.18483	8.0337	23.351
#3	.16829	4.868	.18556	7.7796	23.734
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4648.9	61992.	6247.5	77.315	5123.7
Stddev	19.3	192.	29.5	.432	12.1
%RSD	.41447	.31004	.47208	.55813	.23571
#1	4657.7	62188.	6216.7	77.680	5123.4
#2	4662.1	61804.	6250.5	77.427	5135.9
#3	4626.8	61984.	6275.5	76.839	5111.8

Sample Name: PB119109BS Acquired: 4/22/2019 17:30:26 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119109BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81503	2.1137	1.0402	2.0548	.83405	2.0120	.21091
Stddev	.00188	.0015	.0042	.0026	.00112	.0136	.00143
%RSD	.23015	.07227	.40465	.12724	.13456	.67681	.67955

#1	.81440	2.1123	1.0377	2.0520	.83424	1.9964	.20945
#2	.81714	2.1135	1.0378	2.0571	.83284	2.0181	.21098
#3	.81355	2.1153	1.0451	2.0552	.83506	2.0215	.21231

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20962	.19495	1.0631	.41021	.21344	.33084	3.2461
Stddev	.00050	.00022	.0109	.00022	.00048	.00120	.0036
%RSD	.23660	.11530	1.0282	.05356	.22680	.36349	.10976

#1	.20942	.19469	1.0531	.41038	.21342	.33055	3.2447
#2	.21018	.19507	1.0747	.41030	.21296	.33216	3.2502
#3	.20925	.19510	1.0615	.40996	.21393	.32981	3.2435

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22276	2.0462	.50945	.07498	3.0206	.30370	.20187
Stddev	.00040	.0494	.00029	.00059	.0177	.00076	.00018
%RSD	.18127	2.4124	.05641	.78891	.58562	.24881	.08762

#1	.22252	1.9990	.50951	.07561	3.0175	.30310	.20168
#2	.22254	2.0975	.50914	.07443	3.0047	.30455	.20189
#3	.22323	2.0420	.50971	.07489	3.0396	.30345	.20203

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8181	.41920	.31110	F -.02594	.81332	.66227	.21315
Stddev	.0602	.00049	.00237	.00151	.00471	.00307	.00253
%RSD	.61287	.11582	.76046	5.8272	.57962	.46315	1.1848

#1	9.7487	.41910	.31268	-.02762	.81670	.66406	.21125
#2	9.8561	.41878	.31224	-.02469	.81533	.65873	.21220
#3	9.8494	.41974	.30838	-.02551	.80794	.66403	.21602

Sample Name: PB119109BS Acquired: 4/22/2019 17:30:26 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119109BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19205	5.500	.20575	F 8.7716	F 21.190
Stddev	.00036	.005	.00042	.0841	4.121
%RSD	.18637	.0963	.20502	.95834	19.450
#1	.19234	5.497	.20609	8.7975	23.158
#2	.19216	5.506	.20528	8.6776	23.957
#3	.19165	5.498	.20589	8.8396	16.453
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4583.0	60660.	6086.0	73.362	4997.4
Stddev	3.8	157.	21.3	1.188	7.5
%RSD	.08265	.25849	.35050	1.6195	.14964
#1	4578.7	60548.	6061.4	72.060	4991.8
#2	4585.1	60839.	6098.1	73.639	5005.9
#3	4585.3	60593.	6098.5	74.387	4994.6

Sample Name: PB119110BS Acquired: 4/22/2019 17:34:30 Type: Unk
Method: P4-ICP2(v3062) 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	.75795	1.9771	.97089	1.9186	.77024	1.8570	.19666
Stddev	.00515	.0038	.00183	.0001	.00078	.0121	.00096
%RSD	.67949	.19412	.18841	.00743	.10103	.65226	.48675

#1	.75899	1.9805	.97083	1.9187	.76973	1.8631	.19602
#2	.76250	1.9779	.97275	1.9186	.76986	1.8430	.19776
#3	.75235	1.9729	.96910	1.9184	.77114	1.8648	.19620

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19585	.18243	.99685	.38090	.19920	.30938	3.0170
Stddev	.00056	.00055	.01598	.00105	.00029	.00053	.0063
%RSD	.28403	.30395	1.6033	.27647	.14575	.16984	.20992

#1	.19649	.18254	1.0144	.38059	.19942	.30989	3.0219
#2	.19555	.18292	.98308	.38207	.19932	.30884	3.0193
#3	.19550	.18183	.99310	.38003	.19887	.30940	3.0098

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20764	1.8854	.47562	.06978	2.7826	.28401	.18852
Stddev	.00031	.0497	.00145	.00084	.0176	.00074	.00065
%RSD	.15135	2.6343	.30569	1.2011	.63253	.26163	.34658

#1	.20773	1.8796	.47689	.07067	2.7673	.28441	.18878
#2	.20729	1.8389	.47593	.06901	2.8018	.28447	.18901
#3	.20790	1.9377	.47403	.06967	2.7785	.28316	.18778

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1673	.38629	.30089	F -.02608	.75150	.61352	.19630
Stddev	.0262	.00139	.00681	.00186	.00671	.00153	.00122
%RSD	.28579	.35996	2.2646	7.1482	.89275	.24858	.62093

#1	9.1375	.38744	.29353	-.02497	.75366	.61428	.19754
#2	9.1865	.38668	.30698	-.02823	.74398	.61453	.19510
#3	9.1780	.38474	.30215	-.02504	.75686	.61177	.19626

Sample Name: PB119110BS Acquired: 4/22/2019 17:34:30 Type: Unk
Method: P4-ICP2(v3062) 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	.17841	5.147	.19315	F 9.0237	F 19.736
Stddev	.00096	.003	.00052	.2158	6.564
%RSD	.53759	.0508	.27149	2.3919	33.258
#1	.17842	5.150	.19330	8.8420	24.117
#2	.17936	5.147	.19256	9.2623	12.189
#3	.17744	5.145	.19358	8.9667	22.901
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4594.0	60986.	6099.5	73.210	5003.8
Stddev	5.0	196.	39.3	.542	7.2
%RSD	.10891	.32179	.64455	.74069	.14342
#1	4590.5	60772.	6069.7	73.780	5000.3
#2	4591.8	61158.	6144.1	73.150	4999.1
#3	4599.7	61027.	6084.7	72.700	5012.1

Sample Name: CCV05 Acquired: 4/22/2019 17:38:36 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0453	4.9671	4.9456	4.9543	5.0471	9.5186	9.7742	.25009
Stddev	.0033	.0035	.0056	.0041	.0073	.0464	.0584	.00009
%RSD	.06622	.07049	.11346	.08324	.14526	.48747	.59776	.03446
#1	5.0475	4.9642	4.9424	4.9580	5.0555	9.4691	9.7711	.25006
#2	5.0415	4.9710	4.9424	4.9549	5.0428	9.5612	9.8341	.25002
#3	5.0470	4.9660	4.9521	4.9499	5.0429	9.5255	9.7174	.25019
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3627	23.524	.92368	2.4889	1.2307	4.8204	2.4906	24.081
Stddev	.0051	.055	.00190	.0038	.0025	.0064	.0035	.176
%RSD	.21606	.23502	.20552	.15358	.20380	.13302	.13965	.73005
#1	2.3568	23.460	.92582	2.4846	1.2296	4.8198	2.4909	24.028
#2	2.3655	23.554	.92219	2.4903	1.2335	4.8143	2.4939	24.278
#3	2.3658	23.557	.92304	2.4918	1.2289	4.8271	2.4870	23.939
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3735	1.2122	24.061	2.2956	2.4245	23.034	4.7927	4.8128
Stddev	.0053	.0022	.135	.0038	.0029	.161	.0061	.0556
%RSD	.22240	.17919	.56250	.16591	.11904	.70017	.12780	1.1551
#1	2.3683	1.2142	24.054	2.2998	2.4212	23.001	4.7887	4.7703
#2	2.3788	1.2099	24.200	2.2947	2.4262	23.209	4.7997	4.8757
#3	2.3733	1.2126	23.929	2.2923	2.4261	22.891	4.7896	4.7924
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6084	F 4.1433	4.5252	4.8456	F 4.4440	4.860	4.8080	F 10.516
Stddev	.0236	.0399	.0046	.0143	.0364	.007	.0242	.314
%RSD	.51290	.96238	.10081	.29516	.81793	.1460	.50311	2.9903
#1	4.5853	4.1545	4.5205	4.8382	4.4738	4.854	4.8294	10.613
#2	4.6075	4.0990	4.5296	4.8364	4.4035	4.868	4.7818	10.771
#3	4.6325	4.1763	4.5254	4.8620	4.4546	4.859	4.8130	10.165

Sample Name: CCV05 Acquired: 4/22/2019 17:38:36 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .60796
Stddev	1.3239
%RSD	217.77

#1	1.3028
#2	1.4398
#3	-.91875

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4454.2	58869.	6140.0	72.519	4593.3
Stddev	2.3	181.	45.3	.636	4.7
%RSD	.05173	.30786	.73740	.87738	.10191

#1	4452.0	58769.	6103.3	71.805	4598.2
#2	4454.0	58759.	6190.6	72.727	4588.9
#3	4456.6	59078.	6126.1	73.025	4592.9

Sample Name: CCB05 Acquired: 4/22/2019 17:42:35 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.00142	-.00006	.00242	-.00004	-.02189	.00073
Stddev	.00204	.00043	.00087	.00273	.00116	.01220	.00034
%RSD	890.82	30.325	1463.8	112.72	2855.6	55.737	46.945

#1	.00067	.00115	.00005	.00527	.00123	-.01370	.00067
#2	.00202	.00120	.00075	.00218	-.00104	-.01606	.00042
#3	-.00200	.00192	-.00098	-.00018	-.00031	-.03591	.00110

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00006	.00206	.00001	.00006	-.00060	.00027
Stddev	.00004	.00007	.01817	.00018	.00012	.00009	.00049
%RSD	1253.0	118.00	882.56	1295.2	197.48	15.410	176.99

#1	.00004	.00012	-.01640	.00020	-.00001	-.00070	.00063
#2	-.00003	.00008	.01992	-.00015	-.00000	-.00055	.00047
#3	-.00001	-.00002	.00266	-.00000	.00020	-.00054	-.00028

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00010	-.00972	.00063	.00066	-.15815	-.00033	-.00009
Stddev	.00002	.03961	.00019	.00037	.00419	.00038	.00007
%RSD	21.233	407.71	30.668	55.536	2.6489	117.38	81.619

#1	-.00008	-.02947	.00079	.00056	-.16246	-.00016	-.00003
#2	-.00011	-.03557	.00068	.00036	-.15788	-.00006	-.00007
#3	-.00012	.03589	.00042	.00107	-.15410	-.00077	-.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03415	.00069	.01747	F -.02428	-.00284	-.00099	-.00075
Stddev	.04166	.00014	.00259	.00247	.00029	.00017	.00134
%RSD	122.01	19.796	14.855	10.177	10.086	17.658	180.02

#1	.00222	.00079	.01799	-.02537	-.00301	-.00079	-.00044
#2	-.02505	.00075	.01976	-.02602	-.00300	-.00113	-.00222
#3	-.07961	.00054	.01465	-.02145	-.00251	-.00103	.00042

Sample Name: CCB05 Acquired: 4/22/2019 17:42:35 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00322	-0.0047	-0.00020	F 8.2430	F 3.5577
Stddev	.00073	.0002	.00007	.2099	3.3404
%RSD	22.753	4.811	34.432	2.5467	93.891
#1	-0.00375	-0.0049	-0.00014	8.0444	.23224
#2	-0.00354	-0.0045	-0.00028	8.2220	6.9128
#3	-0.00239	-0.0048	-0.00018	8.4627	3.5282
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4646.3	61383.	6149.2	73.974	5183.0
Stddev	8.2	208.	29.1	1.916	14.4
%RSD	.17576	.33825	.47269	2.5896	.27878
#1	4638.1	61152.	6165.0	75.473	5168.2
#2	4654.5	61554.	6115.7	71.816	5197.1
#3	4646.1	61442.	6166.9	74.634	5183.6

Sample Name: K2479-08 Acquired: 4/22/2019 17:56:04 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-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	.14129	.00102	-.00043	.00373	.00873	.01489	.06128	.00008
Stddev	.00139	.00128	.00083	.00141	.00057	.01142	.00071	.00003
%RSD	.98512	125.66	192.10	37.711	6.5080	76.721	1.1664	37.637

#1	.13968	-.00046	.00016	.00312	.00902	.00713	.06049	.00005
#2	.14212	.00176	-.00007	.00534	.00808	.02801	.06145	.00010
#3	.14207	.00176	-.00138	.00274	.00910	.00953	.06189	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	29.721	.00064	.00133	.00271	.06735	.18197	13.701
Stddev	.00003	.039	.00010	.00003	.00023	.00073	.00064	.045
%RSD	23.815	.13057	14.934	2.1157	8.4226	1.0779	.35204	.32984

#1	.00008	29.685	.00057	.00133	.00291	.06751	.18130	13.708
#2	.00013	29.762	.00075	.00131	.00275	.06797	.18203	13.653
#3	.00011	29.717	.00061	.00136	.00246	.06655	.18257	13.743

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00294	.00055	25.243	.00223	.03039	4.7177	.00597	.66491
Stddev	.00012	.00017	.201	.00046	.00022	.0668	.00012	.02629
%RSD	3.9569	31.362	.79710	20.745	.70905	1.4148	1.9464	3.9545

#1	.00307	.00043	25.015	.00170	.03064	4.6575	.00587	.65650
#2	.00288	.00047	25.318	.00252	.03025	4.7062	.00610	.64386
#3	.00285	.00075	25.395	.00247	.03029	4.7895	.00594	.69438

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7209	6.7571	-.00239	.00022	-.00155	.9987	.12010	7.4732
Stddev	.0071	.0366	.00019	.00025	.00263	.0047	.00004	.1179
%RSD	.14983	.54183	8.0696	114.55	169.20	.4707	.03443	1.5779

#1	4.7129	6.7917	-.00260	-.00001	.00135	.9934	.12014	7.6037
#2	4.7261	6.7608	-.00223	.00049	-.00376	1.002	.12010	7.3743
#3	4.7238	6.7188	-.00234	.00018	-.00225	1.000	.12005	7.4416

Sample Name: K2479-08 Acquired: 4/22/2019 17:56:04 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-TRACK-8-9 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.0860
 Stddev 7.7347
 %RSD 712.24

#1 -7.8418
 #2 5.7653
 #3 5.3344

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4668.9	62074.	6461.0	78.401	5079.4
Stddev	7.2	254.	24.4	1.088	7.9
%RSD	.15443	.40975	.37810	1.3876	.15463

#1	4662.6	62352.	6454.9	77.467	5086.8
#2	4676.7	62020.	6440.2	79.595	5080.3
#3	4667.4	61852.	6487.9	78.139	5071.2

Sample Name: K2479-08DUP Acquired: 4/22/2019 18:00:29 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-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	.13916	.00180	-.00010	.00485	.00883	.01432	.06178	.00003
Stddev	.00096	.00055	.00089	.00153	.00093	.00578	.00038	.00007
%RSD	.69191	30.334	898.01	31.539	10.538	40.375	.60843	252.35

#1	.13915	.00239	.00062	.00499	.00787	.01259	.06214	.00005
#2	.13820	.00171	-.00109	.00326	.00973	.02076	.06139	.00009
#3	.14013	.00131	.00017	.00631	.00890	.00960	.06180	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	29.159	.00064	.00118	.00275	.06852	.18314	13.705
Stddev	.00004	.745	.00009	.00014	.00031	.00068	.00047	.082
%RSD	41.793	2.5558	14.753	12.062	11.117	.99419	.25670	.59530

#1	.00010	29.605	.00074	.00103	.00239	.06871	.18356	13.795
#2	.00005	28.298	.00060	.00121	.00292	.06908	.18263	13.682
#3	.00013	29.572	.00057	.00131	.00293	.06776	.18322	13.637

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00322	.00029	25.469	.00230	.03027	4.7033	.00599	.66585
Stddev	.00041	.00028	.090	.00031	.00018	.0219	.00012	.00913
%RSD	12.794	97.862	.35487	13.373	.59416	.46554	2.0557	1.3705

#1	.00327	.00053	25.560	.00244	.03013	4.7096	.00587	.66311
#2	.00278	.00036	25.379	.00194	.03047	4.6789	.00599	.65840
#3	.00360	-.00002	25.469	.00250	.03019	4.7213	.00611	.67603

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7262	6.6574	-.00256	-.00139	-.00238	1.003	.11875	8.2161
Stddev	.0258	.1420	.00006	.00024	.00080	.002	.00300	.2583
%RSD	.54534	2.1330	2.1916	17.567	33.798	.1792	2.5292	3.1434

#1	4.6965	6.7245	-.00262	-.00114	-.00297	1.001	.12060	8.1637
#2	4.7400	6.4943	-.00250	-.00139	-.00271	1.004	.11528	8.4965
#3	4.7421	6.7534	-.00255	-.00163	-.00146	1.003	.12036	7.9880

Sample Name: K2479-08DUP Acquired: 4/22/2019 18:00:29 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-TRACK-8-9 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 7.5358
 Stddev 2.1412
 %RSD 28.414

#1 7.8823
 #2 9.4827
 #3 5.2425

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4583.6	60898.	6487.3	78.006	5002.2
Stddev	11.0	54.	162.6	2.002	14.8
%RSD	.24060	.08800	2.5058	2.5671	.29556

#1	4586.5	60897.	6404.0	75.777	5010.4
#2	4571.4	60845.	6674.6	79.654	4985.1
#3	4592.8	60952.	6383.2	78.586	5011.0

Sample Name: K2479-08LX5 Acquired: 4/22/2019 18:04:52 Type: Unk
Method: P4-ICP2(v3062) 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	.02701	.00104	-.00069	.00331	.00121	-.00807	.01171	-.00002
Stddev	.00107	.00019	.00070	.00106	.00137	.01487	.00009	.00005
%RSD	3.9734	18.080	100.87	31.895	113.16	184.28	.79752	300.76

#1	.02659	.00111	-.00145	.00405	.00089	-.01337	.01161	-.00007
#2	.02824	.00119	-.00057	.00378	.00271	-.01957	.01178	.00002
#3	.02622	.00083	-.00006	.00210	.00003	.00873	.01175	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	5.6131	-.00013	.00027	.00131	.01272	.03513	2.5261
Stddev	.00004	.0244	.00027	.00011	.00034	.00022	.00015	.0064
%RSD	239.43	.43412	217.62	38.700	26.022	1.7427	.42661	.25380

#1	-.00003	5.6380	-.00016	.00028	.00169	.01246	.03502	2.5192
#2	.00003	5.6121	-.00038	.00016	.00103	.01282	.03530	2.5319
#3	.00004	5.5893	.00016	.00037	.00121	.01287	.03508	2.5272

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00118	.00054	4.6059	.00043	.00564	.81973	.00132	.13153
Stddev	.00008	.00023	.0416	.00013	.00003	.01702	.00008	.02015
%RSD	6.6142	41.642	.90263	29.632	.60833	2.0765	5.6995	15.318

#1	.00118	.00029	4.5624	.00045	.00562	.81037	.00128	.13653
#2	.00110	.00061	4.6101	.00029	.00568	.80944	.00141	.10935
#3	.00126	.00073	4.6452	.00054	.00562	.83938	.00127	.14870

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83571	1.2943	-.00214	.00062	-.00348	.1795	.02280	7.7173
Stddev	.00269	.0142	.00026	.00071	.00136	.0005	.00008	.4032
%RSD	.32165	1.0971	12.092	113.81	39.167	.2798	.36728	5.2241

#1	.83561	1.3088	-.00218	.00045	-.00322	.1798	.02282	8.1431
#2	.83844	1.2939	-.00186	.00001	-.00495	.1798	.02287	7.3415
#3	.83307	1.2804	-.00237	.00140	-.00226	.1789	.02270	7.6673

Sample Name: K2479-08LX5 Acquired: 4/22/2019 18:04:52 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.8228
Stddev	8.1918
%RSD	92.848

#1	2.9067
#2	18.173
#3	5.3891

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4609.3	61104.	6227.5	75.257	5090.2
Stddev	2.5	73.	48.3	.441	5.3
%RSD	.05449	.11938	.77618	.58632	.10504

#1	4611.8	61158.	6172.6	75.411	5091.4
#2	4606.8	61133.	6246.4	74.759	5084.4
#3	4609.1	61021.	6263.6	75.600	5094.9

Sample Name: K2479-08MS Acquired: 4/22/2019 18:09:17 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-8-9 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	.97480	2.0753	1.0142	2.1209	.84812	2.0573	.27017	.21507	.19341
Stddev	.00546	.0135	.0058	.0074	.00754	.0099	.00091	.00038	.00115
%RSD	.56024	.64903	.57025	.34777	.88859	.47965	.33729	.17721	.59518

#1	.97303	2.0598	1.0091	2.1196	.84298	2.0476	.26943	.21512	.19238
#2	.97045	2.0827	1.0130	2.1142	.84462	2.0673	.26990	.21543	.19319
#3	.98093	2.0835	1.0204	2.1288	.85677	2.0570	.27119	.21467	.19465

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.225	.39831	.20959	.33040	3.1931	.39030	15.424	.50071	.07440
Stddev	.080	.00095	.00110	.00239	.0018	.00068	.071	.00163	.00046
%RSD	.26590	.23903	.52614	.72267	.05528	.17308	.46222	.32457	.62138

#1	30.221	.39776	.20852	.32857	3.1947	.39053	15.389	.49895	.07471
#2	30.308	.39776	.20955	.32953	3.1912	.39083	15.377	.50102	.07387
#3	30.147	.39941	.21072	.33310	3.1933	.38954	15.506	.50216	.07461

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	27.805	.30301	.23524	14.456	.41210	.98326	4.6807	7.4307	.65047
Stddev	.116	.00114	.00118	.075	.00194	.00769	.0221	.0328	.00369
%RSD	.41837	.37675	.50103	.51821	.47114	.78255	.47300	.44172	.56664

#1	27.671	.30316	.23410	14.373	.41037	.97440	4.6603	7.4685	.64683
#2	27.881	.30181	.23516	14.517	.41173	.98716	4.6776	7.4094	.65039
#3	27.863	.30408	.23645	14.480	.41420	.98823	4.7042	7.4142	.65420

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20330	.18402	6.766	.31605	8.7851	15.205
Stddev	.00109	.00112	.043	.00160	.1737	5.065
%RSD	.53600	.60778	.6289	.50552	1.9777	33.314

#1	.20377	.18460	6.720	.31654	8.7182	12.194
#2	.20205	.18474	6.776	.31735	8.9824	21.053
#3	.20407	.18274	6.803	.31426	8.6548	12.368

Sample Name: K2479-08MS Acquired: 4/22/2019 18:09:17 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-8-9 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	4577.1	61297.	6356.0	76.181	4934.2
Stddev	25.3	114.	40.7	1.732	19.1
%RSD	.55326	.18641	.64029	2.2738	.38654
#1	4585.4	61177.	6316.5	74.800	4945.8
#2	4597.3	61309.	6353.8	75.618	4944.7
#3	4548.7	61405.	6397.8	78.124	4912.2

Sample Name: K2479-08MSD Acquired: 4/22/2019 18:13:20 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-8-9 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	.96885	2.0771	1.0116	2.1185	.84798	2.0522	.27041	.21453	.19263
Stddev	.00575	.0055	.0018	.0034	.00091	.0062	.00027	.00040	.00042
%RSD	.59381	.26378	.18027	.15945	.10789	.30182	.09980	.18768	.21582

#1	.96445	2.0738	1.0137	2.1155	.84693	2.0452	.27018	.21409	.19220
#2	.96675	2.0741	1.0103	2.1178	.84855	2.0545	.27035	.21488	.19266
#3	.97536	2.0834	1.0109	2.1222	.84847	2.0570	.27071	.21461	.19303

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.199	.39881	.20919	.32762	3.1835	.38942	15.417	.49945	.07455
Stddev	.036	.00144	.00053	.00034	.0075	.00067	.077	.00027	.00050
%RSD	.12049	.36177	.25322	.10329	.23502	.17150	.50218	.05388	.67060

#1	30.168	.39714	.20869	.32724	3.1766	.38874	15.380	.49969	.07511
#2	30.239	.39962	.20914	.32784	3.1915	.38945	15.365	.49916	.07441
#3	30.191	.39966	.20974	.32780	3.1823	.39007	15.506	.49951	.07414

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	27.800	.30259	.23372	14.489	.41189	.97453	4.6692	7.4362	.64989
Stddev	.075	.00051	.00051	.018	.00155	.01130	.0227	.0323	.00125
%RSD	.26859	.16698	.21965	.12507	.37529	1.1594	.48659	.43504	.19261

#1	27.737	.30303	.23326	14.473	.41014	.98185	4.6552	7.4355	.65080
#2	27.779	.30204	.23363	14.508	.41308	.98021	4.6569	7.4689	.64846
#3	27.882	.30270	.23428	14.485	.41244	.96151	4.6954	7.4042	.65040

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20659	.18353	6.752	.31587	8.9037	16.686
Stddev	.00110	.00203	.031	.00064	.0159	2.115
%RSD	.53034	1.1068	.4546	.20385	.17838	12.673

#1	.20703	.18555	6.738	.31625	8.8981	15.176
#2	.20740	.18354	6.731	.31625	8.8913	15.779
#3	.20535	.18149	6.787	.31513	8.9216	19.102

Sample Name: K2479-08MSD Acquired: 4/22/2019 18:13:20 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-8-9 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	4577.3	60973.	6311.7	76.136	4932.0
Stddev	4.2	54.	5.3	.633	5.0
%RSD	.09180	.08811	.08356	.83137	.10188
#1	4576.1	61021.	6308.6	76.720	4937.2
#2	4573.9	60982.	6308.7	76.224	4931.5
#3	4582.0	60915.	6317.8	75.463	4927.2

Sample Name: K2479-08A Acquired: 4/22/2019 18:17:22 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8148 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	.97906	2.0807	1.0161	2.1319	.85307	2.0708	.27309	.21612	.19350
Stddev	.00405	.0048	.0016	.0051	.00467	.0196	.00049	.00010	.00072
%RSD	.41380	.22979	.16136	.23959	.54713	.94644	.17997	.04619	.37248
#1	.97894	2.0789	1.0149	2.1286	.84875	2.0654	.27332	.21600	.19365
#2	.98317	2.0862	1.0180	2.1377	.85802	2.0544	.27252	.21616	.19414
#3	.97507	2.0771	1.0154	2.1293	.85245	2.0925	.27342	.21619	.19272
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.336	.40000	.20975	.32984	3.2005	.39232	15.697	.50092	.07462
Stddev	.072	.00185	.00056	.00181	.0076	.00063	.057	.00140	.00007
%RSD	.23676	.46321	.26794	.54858	.23588	.16099	.36148	.27957	.09512
#1	30.255	.39799	.21033	.32944	3.1927	.39189	15.649	.50117	.07462
#2	30.392	.40037	.20972	.33182	3.2010	.39304	15.681	.50218	.07456
#3	30.362	.40164	.20921	.32827	3.2078	.39202	15.759	.49941	.07470
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	28.063	.30313	.23477	14.610	.41376	.98475	4.6857	7.3896	.65153
Stddev	.020	.00108	.00079	.083	.00224	.00762	.0026	.0186	.00336
%RSD	.07297	.35699	.33604	.56702	.54254	.77331	.05484	.25215	.51637
#1	28.056	.30431	.23515	14.552	.41311	.99061	4.6884	7.3707	.65439
#2	28.047	.30290	.23530	14.574	.41626	.97614	4.6854	7.4080	.65237
#3	28.086	.30218	.23386	14.705	.41191	.98749	4.6833	7.3902	.64782
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20564	.18245	6.777	.31645	9.5866	11.759			
Stddev	.00101	.00052	.015	.00047	.2557	1.741			
%RSD	.49231	.28701	.2143	.14878	2.6671	14.804			
#1	.20449	.18285	6.772	.31591	9.7341	13.551			
#2	.20605	.18264	6.793	.31674	9.7344	10.075			
#3	.20638	.18186	6.765	.31671	9.2914	11.651			

Sample Name: K2479-08A Acquired: 4/22/2019 18:17:22 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8148 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	4542.2	60655.	6336.6	76.326	4906.7
Stddev	8.3	126.	20.2	1.252	2.9
%RSD	.18236	.20710	.31915	1.6410	.05947
#1	4551.3	60791.	6354.3	76.193	4906.0
#2	4535.2	60543.	6314.6	75.145	4909.9
#3	4540.1	60632.	6341.0	77.640	4904.2

Sample Name: K2479-09 Acquired: 4/22/2019 18:21:27 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-70- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01049	.00170	-.00075	.00272	.00403	-.01934	.11822	.00003
Stddev	.00122	.00022	.00034	.00213	.00084	.00294	.00147	.00001
%RSD	11.589	12.974	44.810	78.312	20.786	15.202	1.2468	23.692

#1	.00917	.00150	-.00036	.00498	.00339	-.01734	.11974	.00003
#2	.01074	.00194	-.00097	.00246	.00372	-.01796	.11813	.00003
#3	.01157	.00167	-.00092	.00074	.00498	-.02271	.11679	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	53.894	.00080	.00056	.00556	.10205	.03946	27.862
Stddev	.00000	.179	.00012	.00009	.00011	.00004	.00034	.150
%RSD	4.1413	.33203	14.652	16.302	1.9071	.04131	.86576	.53804

#1	.00009	53.687	.00089	.00063	.00544	.10204	.03967	27.915
#2	.00010	53.998	.00067	.00059	.00565	.10202	.03963	27.978
#3	.00010	53.997	.00085	.00046	.00559	.10210	.03906	27.692

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00251	.00042	22.516	.00091	.03484	3.8948	.00552	.22297
Stddev	.00023	.00011	.173	.00030	.00004	.0377	.00042	.01237
%RSD	9.0811	27.507	.76864	33.083	.10618	.96789	7.6677	5.5457

#1	.00257	.00040	22.617	.00071	.03488	3.9361	.00599	.21870
#2	.00226	.00054	22.616	.00077	.03481	3.8860	.00518	.23691
#3	.00270	.00031	22.317	.00126	.03483	3.8623	.00538	.21331

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6543	9.1544	-.00246	-.00203	.00619	.1148	.22353	9.2162
Stddev	.0201	.0284	.00062	.00027	.00093	.0017	.00073	.4171
%RSD	.43183	.31036	25.033	13.206	14.983	1.497	.32751	4.5257

#1	4.6679	9.1224	-.00279	-.00181	.00633	.1168	.22272	9.5475
#2	4.6312	9.1768	-.00175	-.00196	.00520	.1136	.22372	9.3533
#3	4.6637	9.1639	-.00286	-.00233	.00704	.1141	.22414	8.7478

Sample Name: K2479-09 Acquired: 4/22/2019 18:21:27 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-TRACK-70- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.63214
Stddev	3.9798
%RSD	629.57

#1	3.4272
#2	-3.9245
#3	2.3936

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4500.2	60586.	6336.5	74.936	4838.0
Stddev	10.0	435.	26.6	1.930	10.9
%RSD	.22260	.71855	.41919	2.5754	.22521

#1	4505.6	60314.	6354.1	73.661	4841.0
#2	4506.3	60355.	6349.5	77.157	4847.0
#3	4488.6	61088.	6306.0	73.992	4825.9

Sample Name: K2479-10 Acquired: 4/22/2019 18:25:51 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-74- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04474	.00173	-.00067	.00164	.00139	-.02021	.09444	.00001
Stddev	.00138	.00070	.00034	.00119	.00021	.00607	.00098	.00005
%RSD	3.0743	40.313	51.036	72.363	15.418	30.051	1.0422	431.80

#1	.04329	.00138	-.00104	.00034	.00119	-.01331	.09351	.00004
#2	.04489	.00127	-.00036	.00192	.00136	-.02475	.09433	-.00005
#3	.04603	.00253	-.00062	.00267	.00162	-.02257	.09547	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	58.816	.00096	.00062	.00555	.12629	.02569	26.122
Stddev	.00001	.094	.00020	.00021	.00029	.00070	.00005	.080
%RSD	8.1933	.16036	20.883	34.091	5.2114	.55272	.18876	.30470

#1	.00010	58.878	.00112	.00043	.00560	.12560	.02573	26.031
#2	.00009	58.708	.00102	.00058	.00582	.12700	.02564	26.169
#3	.00010	58.863	.00073	.00085	.00524	.12628	.02571	26.168

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00167	.00013	19.241	.00117	.03216	3.6331	.00419	.09032
Stddev	.00036	.00040	.131	.00022	.00013	.0184	.00013	.00832
%RSD	21.828	309.47	.68325	18.883	.38876	.50629	3.0543	9.2148

#1	.00196	.00042	19.111	.00095	.03213	3.6130	.00433	.08783
#2	.00178	-.00032	19.374	.00118	.03230	3.6491	.00410	.08353
#3	.00126	.00029	19.237	.00139	.03205	3.6373	.00413	.09960

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0171	9.3966	-.00316	-.00226	.00578	.0268	.23980	8.8604
Stddev	.0183	.0170	.00020	.00172	.00110	.0008	.00033	.3862
%RSD	.30434	.18119	6.4226	75.985	18.963	2.947	.13961	4.3590

#1	5.9962	9.3962	-.00327	-.00202	.00696	.0259	.23949	9.2918
#2	6.0302	9.3798	-.00329	-.00068	.00559	.0275	.23974	8.5468
#3	6.0249	9.4138	-.00293	-.00409	.00480	.0269	.24016	8.7426

Sample Name: K2479-10 Acquired: 4/22/2019 18:25:51 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-TRACK-74- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.2533
Stddev	3.3012
%RSD	77.615

#1	2.6006
#2	8.0544
#3	2.1049

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4498.7	60512.	6355.5	76.219	4852.8
Stddev	9.5	220.	24.0	1.352	13.5
%RSD	.21123	.36376	.37802	1.7742	.27864

#1	4505.7	60763.	6341.8	74.987	4865.3
#2	4487.9	60351.	6383.3	77.666	4838.5
#3	4502.4	60422.	6341.6	76.005	4854.7

Sample Name: K2479-11 Acquired: 4/22/2019 18:48:04 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-78- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01258	.00228	-.00075	.00212	.00070	-.02148	.13017	.00001
Stddev	.00413	.00072	.00108	.00105	.00080	.01183	.00081	.00004
%RSD	32.820	31.440	145.10	49.580	114.41	55.071	.62087	486.12

#1	.01699	.00286	.00002	.00233	.00155	-.03430	.12941	.00004
#2	.01195	.00250	-.00027	.00306	.00057	-.01099	.13007	.00003
#3	.00880	.00148	-.00198	.00098	-.00003	-.01914	.13102	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	54.906	.00069	.00077	.00622	.18430	.02225	24.313
Stddev	.00005	.227	.00031	.00009	.00015	.00119	.00010	.197
%RSD	144.51	.41397	44.510	11.324	2.4487	.64600	.44782	.80828

#1	-.00009	55.122	.00046	.00068	.00613	.18293	.02233	24.086
#2	-.00000	54.669	.00104	.00077	.00613	.18513	.02214	24.422
#3	-.00001	54.928	.00057	.00085	.00639	.18483	.02228	24.431

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00311	.00044	15.250	.00056	.01975	3.2395	.00403	.09884
Stddev	.00017	.00020	.099	.00023	.00020	.0238	.00040	.01670
%RSD	5.5236	45.071	.64810	42.270	1.0128	.73435	9.9281	16.895

#1	.00331	.00024	15.142	.00073	.01953	3.2615	.00396	.08952
#2	.00301	.00044	15.275	.00065	.01991	3.2143	.00368	.11812
#3	.00301	.00063	15.335	.00029	.01983	3.2427	.00447	.08889

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8192	9.3308	-.00340	-.00232	.00505	.0740	.21555	8.3554
Stddev	.0561	.0685	.00022	.00109	.00059	.0009	.00073	.1229
%RSD	.82267	.73447	6.5544	47.113	11.758	1.215	.33685	1.4703

#1	6.8191	9.4095	-.00346	-.00174	.00517	.0750	.21639	8.4872
#2	6.8753	9.2989	-.00315	-.00358	.00558	.0738	.21516	8.3351
#3	6.7631	9.2841	-.00358	-.00164	.00441	.0732	.21510	8.2441

Sample Name: K2479-11 Acquired: 4/22/2019 18:48:04 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-TRACK-78- Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.8132
Stddev	5.0617
%RSD	57.433

#1	14.501
#2	4.8050
#3	7.1333

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4463.4	60239.	6325.7	74.704	4864.1
Stddev	1.8	184.	34.6	.380	14.5
%RSD	.04087	.30467	.54648	.50914	.29709

#1	4465.4	60432.	6286.9	74.464	4863.9
#2	4461.9	60066.	6336.9	75.143	4849.8
#3	4462.7	60219.	6353.3	74.506	4878.7

Sample Name: K2508-11 Acquired: 4/22/2019 18:52:27 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00196	-.00130	-.00047	.00332	-.00044	-.01197	.00024	-.00003
Stddev	.00169	.00068	.00060	.00117	.00086	.00459	.00065	.00001
%RSD	85.812	52.456	126.51	35.064	193.57	38.371	276.54	39.885

#1	-.00358	-.00193	.00012	.00201	-.00010	-.01704	-.00045	-.00002
#2	-.00210	-.00057	-.00108	.00373	-.00142	-.00807	.00084	-.00004
#3	-.00022	-.00141	-.00046	.00423	.00019	-.01081	.00032	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.17227	.00083	.00008	.00062	.02480	.00099	-.01188
Stddev	.00001	.01021	.00005	.00012	.00033	.00037	.00004	.01045
%RSD	55.414	5.9246	5.9438	148.16	52.660	1.4851	3.9877	87.967

#1	.00003	.16302	.00077	.00020	.00058	.02517	.00097	-.01272
#2	.00001	.17056	.00087	-.00004	.00031	.02479	.00104	-.00103
#3	.00001	.18322	.00084	.00008	.00096	.02444	.00097	-.02188

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00190	.00032	.13261	.00002	.04504	-.04923	.00034	.01490
Stddev	.00021	.00017	.00586	.00039	.00008	.03834	.00009	.00688
%RSD	11.049	55.053	4.4172	1849.7	.17258	77.880	27.899	46.182

#1	.00204	.00039	.13822	-.00015	.04495	-.04465	.00033	.02050
#2	.00200	.00045	.12653	.00046	.04510	-.08965	.00043	.01698
#3	.00166	.00012	.13308	-.00025	.04507	-.01338	.00024	.00722

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2092	.00629	.00637	.00169	-.00629	.1300	.00017	6.7525
Stddev	.0030	.00032	.00051	.00075	.00078	.0013	.00009	.3156
%RSD	.24599	5.0852	7.9340	44.435	12.406	1.025	52.470	4.6732

#1	1.2058	.00664	.00688	.00222	-.00580	.1311	.00014	6.4019
#2	1.2115	.00601	.00637	.00203	-.00719	.1285	.00010	7.0138
#3	1.2102	.00624	.00586	.00083	-.00589	.1303	.00028	6.8417

Sample Name: K2508-11 Acquired: 4/22/2019 18:52:27 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 22.548
Stddev 5.834
%RSD 25.871

#1 24.117
#2 16.090
#3 27.437

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4640.3	63280.	6266.1	75.722	5341.3
Stddev	23.3	226.	11.5	.683	14.5
%RSD	.50255	.35687	.18370	.90144	.27190

#1	4616.3	63131.	6274.7	75.477	5325.2
#2	4641.7	63168.	6270.5	75.195	5345.1
#3	4662.8	63539.	6253.0	76.493	5353.5

Sample Name: CCV06 Acquired: 4/22/2019 18:56:54 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0602	4.9886	4.9680	4.9806	5.0833	9.4269	9.6410	.25021
Stddev	.0112	.0093	.0075	.0131	.0075	.0771	.0439	.00044
%RSD	.22159	.18585	.15107	.26266	.14835	.81769	.45570	.17474

#1	5.0716	4.9973	4.9596	4.9908	5.0895	9.3746	9.6032	.25054
#2	5.0599	4.9895	4.9703	4.9659	5.0749	9.3906	9.6306	.24972
#3	5.0491	4.9789	4.9741	4.9853	5.0854	9.5154	9.6892	.25038

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3623	23.549	.91811	2.4986	1.2355	4.7957	2.4840	23.960
Stddev	.0026	.029	.00169	.0015	.0009	.0059	.0035	.151
%RSD	.10863	.12500	.18372	.05900	.07593	.12244	.14218	.63187

#1	2.3598	23.520	.91639	2.5003	1.2365	4.7951	2.4807	23.788
#2	2.3624	23.548	.91976	2.4976	1.2346	4.8019	2.4877	24.073
#3	2.3649	23.578	.91817	2.4978	1.2356	4.7902	2.4836	24.019

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3730	1.2148	23.784	2.2836	2.4347	22.676	4.7918	4.8289
Stddev	.0011	.0035	.096	.0051	.0007	.112	.0063	.0373
%RSD	.04558	.29063	.40492	.22506	.02896	.49427	.13106	.77274

#1	2.3742	1.2156	23.694	2.2794	2.4345	22.548	4.7990	4.7877
#2	2.3726	1.2178	23.772	2.2893	2.4342	22.727	4.7877	4.8604
#3	2.3721	1.2109	23.886	2.2820	2.4355	22.754	4.7887	4.8386

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6055	F 4.1841	F 4.4945	4.8524	F 4.4329	4.880	4.7929	F 10.922
Stddev	.0142	.0203	.0028	.0116	.0192	.007	.0170	.014
%RSD	.30892	.48575	.06271	.23892	.43280	.1368	.35493	.12845

#1	4.5891	4.1976	4.4912	4.8650	4.4534	4.877	4.8112	10.936
#2	4.6133	4.1939	4.4961	4.8423	4.4298	4.888	4.7900	10.921
#3	4.6141	4.1607	4.4961	4.8498	4.4154	4.875	4.7775	10.908

Sample Name: CCV06 Acquired: 4/22/2019 18:56:54 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.1892
Stddev 3.9935
%RSD 95.330

#1 7.9041
#2 4.6976
#3 -.03425

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4345.7	57518.	5943.4	69.158	4487.4
Stddev	11.3	178.	59.1	.873	3.2
%RSD	.26060	.31015	.99426	1.2617	.07215

#1	4332.7	57438.	5890.5	68.372	4483.8
#2	4351.1	57394.	5932.5	69.005	4488.3
#3	4353.4	57723.	6007.2	70.097	4490.1

Sample Name: CCB06 Acquired: 4/22/2019 19:00:52 Type: Unk
Method: P4-ICP2(v3062) 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	.00015	.00158	-.00071	.00289	-.00071	-.02909	.00010
Stddev	.00095	.00138	.00078	.00290	.00062	.00709	.00024
%RSD	610.44	87.230	109.47	100.47	87.234	24.393	244.19

#1	.00124	.00251	-.00134	.00062	-.00116	-.02661	.00027
#2	-.00027	.00224	-.00096	.00189	-.00096	-.02356	.00020
#3	-.00050	-.00000	.00016	.00616	-.00000	-.03709	-.00017

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00003	-.00345	.00020	.00007	-.00077	-.00021
Stddev	.00003	.00004	.00660	.00012	.00012	.00030	.00065
%RSD	165.63	124.73	191.17	62.912	180.41	39.219	305.62

#1	.00003	-.00000	-.01000	.00005	.00006	-.00107	-.00016
#2	-.00001	.00007	-.00356	.00027	-.00005	-.00078	.00041
#3	.00003	.00002	.00320	.00027	.00020	-.00046	-.00088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.04079	.00098	.00033	-.17132	.00005	.00005
Stddev	.00002	.01502	.00032	.00033	.00428	.00043	.00003
%RSD	33.627	36.829	32.838	98.771	2.4985	801.75	69.871

#1	-.00005	-.04680	.00063	.00041	-.17498	.00046	.00008
#2	-.00006	-.02369	.00103	.00062	-.16661	.00009	.00001
#3	-.00009	-.05188	.00127	-.00003	-.17236	-.00039	.00005

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04438	.00048	.01530	F -.02478	-.00231	-.00080	.00083
Stddev	.02597	.00013	.00851	.00392	.00091	.00028	.00076
%RSD	58.514	26.532	55.647	15.829	39.451	35.402	90.613

#1	-.05815	.00047	.02217	-.02367	-.00226	-.00077	.00167
#2	-.06055	.00061	.00578	-.02913	-.00142	-.00109	.00065
#3	-.01443	.00036	.01794	-.02152	-.00324	-.00053	.00019

Sample Name: CCB06 Acquired: 4/22/2019 19:00:52 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00268	-0.0059	-0.00019	F 7.5425	F 13.838
Stddev	.00071	.0009	.00006	.1591	.947
%RSD	26.315	15.23	31.767	2.1091	6.8407
#1	-0.00341	-0.0049	-0.00022	7.5441	13.385
#2	-0.00263	-0.0066	-0.00012	7.7008	14.926
#3	-0.00200	-0.0063	-0.00023	7.3827	13.202
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4658.2	61788.	6271.9	74.807	5206.9
Stddev	11.2	52.	37.9	1.815	2.0
%RSD	.24016	.08478	.60370	2.4258	.03782
#1	4646.8	61807.	6229.1	73.880	5204.7
#2	4669.2	61729.	6285.8	76.898	5207.7
#3	4658.7	61828.	6300.9	73.643	5208.4

Sample Name: K2510-01 Acquired: 4/22/2019 19:05:22 Type: Unk
Method: P4-ICP2(v3062) 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	.25911	.02376	.25652	.04275	.02159	139.55	.76635	.03208
Stddev	.00204	.00160	.00199	.00301	.00167	1.01	.00374	.00019
%RSD	.78635	6.7465	.77494	7.0455	7.7448	.72683	.48845	.60295

#1	.25817	.02560	.25691	.04601	.02352	139.54	.76464	.03185
#2	.25772	.02294	.25437	.04008	.02065	138.55	.76376	.03219
#3	.26145	.02273	.25829	.04215	.02061	140.58	.77064	.03219

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02661	171.91	.36846	.15142	.27944	438.95	4.4280	94.455
Stddev	.00053	.53	.00103	.00110	.00050	2.07	.0260	.813
%RSD	1.9826	.30826	.27997	.72948	.17783	.47188	.58774	.86092

#1	.02625	172.48	.36731	.15107	.27887	438.07	4.4241	94.690
#2	.02722	171.44	.36929	.15053	.27975	437.47	4.4042	93.551
#3	.02637	171.80	.36879	.15266	.27971	441.32	4.4558	95.125

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19402	-.04848	2.2111	.89534	1.0202	34.315	.00326	.08613
Stddev	.00054	.00067	.0075	.00184	.0015	.095	.00039	.02150
%RSD	.28056	1.3764	.34064	.20503	.14934	.27790	12.129	24.958

#1	.19465	-.04782	2.2048	.89382	1.0208	34.342	.00320	.07335
#2	.19376	-.04845	2.2090	.89738	1.0214	34.210	.00289	.07409
#3	.19366	-.04916	2.2195	.89483	1.0185	34.395	.00368	.11094

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.1174	2.6687	.01792	1.5058	.19848	F 10.23	.65729	<.00000
Stddev	.0135	.0149	.00057	.0035	.00052	.01	.00244	.17607
%RSD	.32854	.55692	3.1724	.23329	.25960	.1343	.37123	1.8481

#1	4.1141	2.6530	.01792	1.5051	.19789	10.21	.65716	-9.7282
#2	4.1058	2.6826	.01850	1.5028	.19875	10.24	.65979	-9.3996
#3	4.1323	2.6704	.01736	1.5097	.19881	10.23	.65492	-9.4543

Sample Name: K2510-01 Acquired: 4/22/2019 19:05:22 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1039.1
Stddev	15.7
%RSD	1.5081

#1	1056.6
#2	1034.3
#3	1026.4

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4767.6	64191.	6997.6	66.694	4022.4
Stddev	4.9	202.	15.5	1.030	6.8
%RSD	.10299	.31496	.22194	1.5438	.16799

#1	4765.9	64188.	6985.4	67.882	4030.2
#2	4763.8	64395.	6992.5	66.151	4018.8
#3	4773.2	63991.	7015.1	66.051	4018.3

Sample Name: K2510-03 Acquired: 4/22/2019 19:09:55 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-PILE-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32778	.02393	.25718	.04882	.01927	123.17	.66603	.02918
Stddev	.00370	.00099	.00162	.00138	.00134	.36	.00142	.00012
%RSD	1.1273	4.1215	.63019	2.8340	6.9647	.29435	.21302	.42327

#1	.32910	.02325	.25556	.04986	.01773	123.44	.66711	.02927
#2	.32361	.02348	.25719	.04725	.01994	122.76	.66442	.02924
#3	.33064	.02506	.25880	.04934	.02015	123.32	.66655	.02904

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02171	110.55	.30061	.16235	.20900	433.69	5.0070	51.829
Stddev	.00012	.15	.00021	.00022	.00049	1.77	.0469	.066
%RSD	.54685	.13773	.06834	.13723	.23458	.40723	.93683	.12668

#1	.02170	110.51	.30081	.16236	.20845	434.46	4.9995	51.785
#2	.02183	110.71	.30063	.16257	.20917	431.68	4.9643	51.797
#3	.02160	110.42	.30040	.16213	.20939	434.95	5.0572	51.904

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11834	-.04481	1.3848	.84353	.75152	25.524	.00474	.09372
Stddev	.00035	.00069	.0203	.00042	.00031	.034	.00021	.01531
%RSD	.29959	1.5327	1.4649	.05001	.04130	.13293	4.3532	16.340

#1	.11856	-.04410	1.3618	.84400	.75164	25.518	.00470	.08574
#2	.11852	-.04487	1.3924	.84341	.75116	25.494	.00456	.11138
#3	.11793	-.04546	1.4002	.84318	.75175	25.561	.00496	.08404

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4278	2.8506	.01057	1.3339	.12963	7.632	.51515	<.00000
Stddev	.0153	.0269	.00014	.0031	.00235	.006	.00289	.33314
%RSD	.44538	.94425	1.3030	.23332	1.8141	.0792	.56144	3.8508

#1	3.4102	2.8806	.01072	1.3340	.13050	7.626	.51557	-8.9125
#2	3.4357	2.8429	.01055	1.3307	.13143	7.632	.51780	-8.7650
#3	3.4375	2.8284	.01045	1.3369	.12697	7.638	.51206	-8.2760

Sample Name: K2510-03 Acquired: 4/22/2019 19:09:55 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL-PILE-B Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 948.40
Stddev	16.19
%RSD	1.7075

#1	933.44
#2	946.16
#3	965.59

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4812.0	64550.	6920.7	67.703	4147.3
Stddev	10.2	199.	24.2	.608	5.5
%RSD	.21099	.30759	.35024	.89759	.13184

#1	4803.3	64362.	6894.9	67.537	4142.6
#2	4823.2	64758.	6924.2	68.377	4153.3
#3	4809.6	64530.	6943.0	67.196	4146.0

Sample Name: K2514-01 Acquired: 4/22/2019 19:14:29 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-EF-01-007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02979	.00545	.68002	.04030	.00808	134.83	.84537	.01369
Stddev	.00147	.00093	.00163	.00343	.00156	.32	.00085	.00015
%RSD	4.9245	17.095	.24008	8.5008	19.265	.23498	.10006	1.0950
#1	.02833	.00520	.68146	.03685	.00733	135.17	.84624	.01352
#2	.02978	.00649	.68034	.04035	.00704	134.55	.84455	.01381
#3	.03126	.00467	.67825	.04370	.00987	134.76	.84531	.01374
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00637	65.732	.18346	.15298	.37646	220.13	6.5155	49.973
Stddev	.00023	.201	.00065	.00082	.00280	.68	.0348	.053
%RSD	3.5472	.30599	.35241	.53928	.74500	.30837	.53438	.10697
#1	.00644	65.500	.18362	.15382	.37707	220.90	6.5246	49.994
#2	.00656	65.849	.18274	.15294	.37891	219.61	6.4770	50.012
#3	.00612	65.847	.18401	.15217	.37340	219.88	6.5449	49.912
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18447	-.00980	9.1175	.41570	.90842	8.9024	.00375	.21178
Stddev	.00048	.00028	.0255	.00039	.00059	.0472	.00036	.01343
%RSD	.25846	2.8857	.27995	.09412	.06493	.53028	9.5502	6.3400
#1	.18428	-.01009	9.1468	.41579	.90844	8.9554	.00352	.21548
#2	.18501	-.00980	9.0999	.41527	.90782	8.8648	.00358	.22296
#3	.18412	-.00953	9.1059	.41604	.90900	8.8871	.00417	.19689
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8244	2.0849	.01625	4.0409	.12531	8.600	-.03542	<.00000
Stddev	.0043	.0177	.00038	.0042	.00025	.040	.00130	.43925
%RSD	.15041	.84789	2.3141	.10394	.19761	.4604	3.6802	11.561
#1	2.8223	2.0773	.01654	4.0411	.12537	8.626	-.03688	-3.6492
#2	2.8292	2.0723	.01638	4.0450	.12552	8.619	-.03436	-3.4548
#3	2.8215	2.1051	.01582	4.0366	.12504	8.554	-.03503	-4.2939

Sample Name: K2514-01 Acquired: 4/22/2019 19:14:29 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: FK-EF-01-007 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 203.46
Stddev	5.85
%RSD	2.8764

#1	204.94
#2	197.01
#3	208.43

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5313.8	71207.	7654.8	71.398	4390.8
Stddev	2.9	171.	22.2	.469	2.6
%RSD	.05499	.23976	.28979	.65702	.05854

#1	5311.5	71095.	7678.8	71.163	4390.7
#2	5312.8	71404.	7650.6	71.093	4393.4
#3	5317.1	71122.	7635.0	71.938	4388.3

Sample Name: K2515-03 Acquired: 4/22/2019 19:19:01 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03034	.00845	.25232	.04191	.00985	154.79	.50709	.01484
Stddev	.00115	.00044	.00138	.00205	.00101	.77	.00197	.00005
%RSD	3.7832	5.2154	.54621	4.8842	10.241	.49422	.38884	.30840
#1	.02903	.00796	.25079	.04336	.01032	155.56	.50826	.01486
#2	.03084	.00881	.25348	.03957	.01054	154.03	.50482	.01479
#3	.03115	.00858	.25269	.04281	.00870	154.78	.50820	.01487
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00537	16.940	.15901	.13906	.27301	239.35	5.6810	58.737
Stddev	.00006	.072	.00036	.00035	.00093	.21	.0164	.064
%RSD	1.1703	.42433	.22737	.24929	.34213	.08875	.28934	.10979
#1	.00539	16.898	.15939	.13911	.27301	239.16	5.6632	58.808
#2	.00530	17.023	.15868	.13937	.27395	239.58	5.6955	58.721
#3	.00542	16.900	.15895	.13869	.27208	239.32	5.6844	58.682
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21412	-.01168	.97556	.36394	.73379	6.6986	.00107	.10573
Stddev	.00108	.00038	.01095	.00109	.00084	.0647	.00042	.01320
%RSD	.50644	3.2341	1.1223	.29863	.11436	.96549	39.031	12.483
#1	.21375	-.01206	.97542	.36440	.73283	6.7626	.00153	.09095
#2	.21535	-.01168	.96468	.36473	.73414	6.6333	.00097	.11633
#3	.21328	-.01131	.98658	.36270	.73439	6.6999	.00072	.10990
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88950	4.2647	.01094	2.9340	.15758	9.177	-.19699	<.00000
Stddev	.00822	.0386	.00135	.0172	.00061	.018	.00026	.16859
%RSD	.92374	.90595	12.300	.58617	.38763	.1971	.13445	5.0972
#1	.88086	4.2210	.00970	2.9269	.15729	9.162	-.19670	-3.1960
#2	.89043	4.2945	.01074	2.9536	.15828	9.197	-.19708	-3.5015
#3	.89721	4.2786	.01237	2.9214	.15717	9.171	-.19720	-3.2252

Sample Name: K2515-03 Acquired: 4/22/2019 19:19:01 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-15 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 214.69
Stddev	8.15
%RSD	3.7986

#1	220.51
#2	218.18
#3	205.37

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5255.9	69916.	7492.1	71.963	4467.3
Stddev	20.6	38.	47.6	1.835	10.5
%RSD	.39187	.05491	.63515	2.5500	.23463

#1	5234.3	69890.	7514.7	71.277	4458.7
#2	5275.4	69960.	7437.4	74.042	4479.0
#3	5257.8	69897.	7524.2	70.569	4464.1

Sample Name: K2515-03DUP Acquired: 4/22/2019 19:23:35 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-15DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03041	.00925	.25188	.04389	.00898	154.42	.51118	.01465
Stddev	.00042	.00125	.00146	.00024	.00118	.30	.00194	.00013
%RSD	1.3727	13.506	.57975	.55124	13.120	.19507	.37956	.92098
#1	.03078	.00892	.25356	.04374	.00766	154.33	.51010	.01478
#2	.03048	.01063	.25092	.04417	.00994	154.18	.51002	.01451
#3	.02995	.00820	.25116	.04376	.00933	154.76	.51342	.01466
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00538	16.874	.16041	.13926	.27359	238.96	5.7172	58.956
Stddev	.00007	.118	.00093	.00035	.00045	1.13	.0358	.491
%RSD	1.2419	.69892	.58096	.25132	.16400	.47193	.62575	.83322
#1	.00545	16.738	.16145	.13904	.27376	238.13	5.7548	58.815
#2	.00538	16.946	.15964	.13966	.27308	238.52	5.6835	58.551
#3	.00532	16.939	.16015	.13907	.27393	240.25	5.7132	59.503
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21701	-.01235	.98636	.36684	.73530	6.7791	.00108	.10961
Stddev	.00046	.00056	.00905	.00075	.00099	.0201	.00018	.00268
%RSD	.21422	4.5066	.91715	.20533	.13417	.29701	16.668	2.4482
#1	.21709	-.01221	.99029	.36758	.73560	6.7705	.00128	.10947
#2	.21651	-.01297	.97601	.36687	.73610	6.7647	.00099	.10699
#3	.21743	-.01188	.99277	.36608	.73420	6.8021	.00096	.11236
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89122	4.6591	.01034	2.9379	.15638	9.237	-.19640	<.00000
Stddev	.00305	.0660	.00170	.0094	.00036	.035	.00108	.38187
%RSD	.34216	1.4156	16.414	.31928	.22970	.3754	.54999	14.477
#1	.89465	4.6041	.00841	2.9271	.15602	9.258	-.19551	-2.2820
#2	.89020	4.7322	.01159	2.9433	.15674	9.257	-.19607	-2.5900
#3	.88881	4.6409	.01102	2.9434	.15639	9.197	-.19760	-3.0413

Sample Name: K2515-03DUP Acquired: 4/22/2019 19:23:35 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-15DUP Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 206.73
Stddev 8.36
%RSD 4.0450

#1 216.20
#2 203.68
#3 200.33

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5279.7	70134.	7535.5	72.300	4477.8
Stddev	11.9	108.	18.0	1.761	.8
%RSD	.22628	.15469	.23827	2.4354	.01840

#1	5281.4	70137.	7550.1	70.292	4477.9
#2	5290.7	70240.	7515.5	73.582	4476.9
#3	5267.0	70024.	7541.0	73.026	4478.6

Sample Name: K2515-03LX5 Acquired: 4/22/2019 19:28:09 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8148 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00723	.00339	.04972	.01665	.00283	34.838	.11606	.00329
Stddev	.00241	.00114	.00030	.00121	.00130	.283	.00092	.00004
%RSD	33.333	33.658	.60741	7.2712	46.048	.81210	.79073	1.2590

#1	.00761	.00273	.04963	.01804	.00394	34.804	.11524	.00326
#2	.00942	.00470	.04947	.01606	.00140	34.574	.11590	.00328
#3	.00465	.00273	.05006	.01585	.00316	35.137	.11705	.00334

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00141	4.0218	.03696	.02817	.06595	66.989	1.3985	13.535
Stddev	.00013	.0254	.00066	.00021	.00021	.341	.0021	.033
%RSD	9.0228	.63022	1.7872	.73559	.31772	.50925	.14972	.24632

#1	-.00137	4.0347	.03642	.02816	.06607	66.970	1.4000	13.537
#2	-.00131	4.0382	.03769	.02797	.06571	66.658	1.3961	13.500
#3	-.00156	3.9927	.03675	.02839	.06608	67.339	1.3994	13.567

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04314	-.00094	.07391	.08579	.14094	1.4543	.00018	.05245
Stddev	.00034	.00002	.00980	.00026	.00040	.0174	.00023	.00945
%RSD	.78384	1.8992	13.255	.30421	.28526	1.1963	128.27	18.015

#1	.04278	-.00096	.06300	.08584	.14081	1.4482	.00015	.04158
#2	.04344	-.00094	.08197	.08603	.14139	1.4408	.00042	.05864
#3	.04320	-.00093	.07676	.08551	.14061	1.4740	-.00004	.05714

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15782	.87203	.00144	.68443	.03262	1.816	-.05816	6.8723
Stddev	.00161	.01913	.00083	.00721	.00037	.003	.00032	.2532
%RSD	1.0208	2.1936	57.942	1.0536	1.1271	.1357	.54750	3.6843

#1	.15623	.86812	.00234	.68574	.03295	1.818	-.05822	7.1631
#2	.15945	.85516	.00125	.69090	.03223	1.816	-.05782	6.7529
#3	.15779	.89281	.00071	.67665	.03270	1.814	-.05844	6.7008

Sample Name: K2515-03LX5 Acquired: 4/22/2019 19:28:09 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8148 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.777
Stddev	4.884
%RSD	35.454

#1	8.4245
#2	14.913
#3	17.993

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4769.4	63285.	6504.0	75.156	4877.5
Stddev	10.5	121.	29.0	1.216	6.7
%RSD	.21935	.19140	.44659	1.6173	.13635

#1	4757.9	63246.	6484.0	75.111	4869.9
#2	4778.3	63421.	6490.7	76.393	4881.6
#3	4772.0	63188.	6537.4	73.963	4881.2

Sample Name: K2515-03MS Acquired: 4/22/2019 19:32:36 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-15MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70286	2.0032	1.2390	1.7016	.19297	165.59	.68530	.18973
Stddev	.00219	.0085	.0055	.0041	.00196	.59	.00325	.00052
%RSD	.31166	.42356	.44459	.24192	1.0160	.35884	.47400	.27365
#1	.70044	1.9936	1.2346	1.7062	.19071	166.10	.68782	.18974
#2	.70471	2.0064	1.2373	1.6984	.19406	165.75	.68645	.18920
#3	.70343	2.0096	1.2452	1.7000	.19415	164.94	.68163	.19024
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19926	18.479	.48157	.34626	.50851	238.18	5.5037	61.375
Stddev	.00031	.016	.00160	.00038	.00046	1.31	.0092	.249
%RSD	.15376	.08587	.33322	.10946	.09039	.54942	.16633	.40636
#1	.19941	18.483	.48001	.34626	.50799	239.29	5.5008	61.525
#2	.19891	18.492	.48321	.34588	.50881	238.52	5.5139	61.514
#3	.19946	18.461	.48149	.34664	.50874	236.74	5.4964	61.087
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69930	.04889	3.8769	.57605	.95823	15.143	.31197	.31614
Stddev	.00086	.00028	.0151	.00109	.00302	.017	.00013	.01070
%RSD	.12241	.56444	.38902	.19008	.31481	.10970	.04107	3.3857
#1	.70027	.04860	3.8877	.57731	.95615	15.161	.31196	.32431
#2	.69863	.04915	3.8834	.57552	.95685	15.129	.31185	.32008
#3	.69901	.04892	3.8597	.57532	.96169	15.138	.31211	.30402
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82932	3.8612	.62080	3.2185	.32317	F 14.94	-.00928	<.00000
Stddev	.00056	.0402	.00027	.0124	.00070	.02	.00109	.33585
%RSD	.06780	1.0402	.04414	.38612	.21616	.1019	11.753	11.582
#1	.82996	3.9052	.62050	3.2281	.32261	14.93	-.00982	-2.9874
#2	.82906	3.8265	.62087	3.2230	.32396	14.93	-.01000	-2.5286
#3	.82892	3.8519	.62104	3.2045	.32295	14.96	-.00803	-3.1829

Sample Name: K2515-03MS Acquired: 4/22/2019 19:32:36 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-15MS Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 210.67
Stddev	1.04
%RSD	.49392

#1	211.65
#2	210.78
#3	209.58

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5214.0	69465.	7394.7	72.047	4417.4
Stddev	9.0	223.	17.9	.621	7.9
%RSD	.17277	.32150	.24157	.86221	.17947

#1	5205.3	69212.	7382.5	71.355	4410.1
#2	5213.5	69549.	7415.2	72.229	4425.8
#3	5223.3	69634.	7386.4	72.557	4416.2

Sample Name: K2515-03MSD Acquired: 4/22/2019 19:37:04 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-15MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70909	2.0193	1.2583	1.7057	.18280	156.31	.73322	.19092
Stddev	.00280	.0023	.0026	.0043	.00127	.16	.00237	.00032
%RSD	.39534	.11278	.20412	.25130	.69713	.10493	.32292	.16740
#1	.71231	2.0169	1.2554	1.7106	.18140	156.50	.73583	.19091
#2	.70782	2.0196	1.2590	1.7028	.18389	156.23	.73122	.19061
#3	.70716	2.0214	1.2604	1.7036	.18311	156.21	.73262	.19125
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20115	18.148	.48981	.34689	.52797	236.85	5.9228	57.856
Stddev	.00050	.049	.00312	.00049	.00095	.50	.0126	.193
%RSD	.24948	.27136	.63789	.14007	.18033	.21129	.21199	.33438
#1	.20059	18.155	.49337	.34677	.52866	236.65	5.9366	57.880
#2	.20156	18.194	.48755	.34648	.52689	236.48	5.9120	57.651
#3	.20132	18.096	.48850	.34743	.52837	237.42	5.9199	58.036
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71476	.04892	3.6574	.58336	.98293	14.978	.31535	.31580
Stddev	.00203	.00012	.0088	.00176	.00127	.040	.00038	.01037
%RSD	.28398	.23912	.24014	.30215	.12939	.26438	.12188	3.2846
#1	.71450	.04905	3.6662	.58459	.98151	14.962	.31533	.30470
#2	.71287	.04884	3.6487	.58134	.98331	14.949	.31498	.31745
#3	.71690	.04885	3.6572	.58414	.98397	15.023	.31574	.32525
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83660	3.9732	.62433	3.1695	.32478	F 15.41	-.02354	<.00000
Stddev	.00583	.0415	.00301	.0104	.00219	.01	.00153	.24058
%RSD	.69629	1.0441	.48284	.32641	.67394	.0539	6.4840	7.8470
#1	.83292	4.0087	.62240	3.1814	.32236	15.41	-.02278	-2.7988
#2	.84332	3.9832	.62279	3.1637	.32661	15.42	-.02255	-3.2654
#3	.83358	3.9276	.62781	3.1633	.32538	15.41	-.02530	-3.1335

Sample Name: K2515-03MSD Acquired: 4/22/2019 19:37:04 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-15MSD Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 213.30
Stddev	7.62
%RSD	3.5715

#1	220.23
#2	214.52
#3	205.14

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5260.3	69965.	7418.9	71.838	4432.1
Stddev	21.6	132.	33.4	2.123	9.3
%RSD	.41148	.18880	.45027	2.9550	.21084

#1	5235.4	69814.	7415.3	69.398	4421.7
#2	5274.8	70060.	7387.5	72.857	4439.7
#3	5270.8	70020.	7454.0	73.259	4435.1

Sample Name: K2515-03A Acquired: 4/22/2019 19:41:31 Type: Unk
Method: P4-ICP2(v3062) 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	.70629	2.0144	1.2482	1.7092	.18895	160.11	.70421	.19034
Stddev	.00105	.0008	.0033	.0053	.00093	.88	.00549	.00073
%RSD	.14813	.03931	.26519	.30722	.48961	.54681	.77897	.38398
#1	.70514	2.0146	1.2452	1.7048	.18876	159.15	.69789	.19086
#2	.70720	2.0151	1.2476	1.7078	.18813	160.35	.70768	.19067
#3	.70652	2.0136	1.2517	1.7150	.18995	160.85	.70707	.18951
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20008	18.385	.48318	.34675	.51938	236.64	5.7107	59.242
Stddev	.00021	.026	.00022	.00073	.00106	.41	.0155	.141
%RSD	.10739	.14082	.04577	.20919	.20413	.17223	.27175	.23851
#1	.20002	18.372	.48314	.34611	.51883	236.87	5.6994	59.079
#2	.20031	18.368	.48298	.34659	.51871	236.17	5.7044	59.323
#3	.19990	18.415	.48342	.34754	.52060	236.88	5.7284	59.325
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70928	.04893	3.7313	.58022	.97163	14.920	.31473	.32630
Stddev	.00207	.00018	.0296	.00254	.00042	.099	.00093	.01518
%RSD	.29203	.37803	.79301	.43851	.04303	.66136	.29605	4.6528
#1	.71047	.04897	3.6979	.57729	.97210	14.839	.31457	.31653
#2	.70689	.04873	3.7540	.58190	.97131	15.030	.31390	.34379
#3	.71049	.04910	3.7421	.58146	.97147	14.891	.31574	.31859
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82894	4.0046	.62428	3.2035	.32443	F 15.20	-.01453	<.00000
Stddev	.00188	.0357	.00270	.0075	.00146	.03	.00117	.23161
%RSD	.22671	.89198	.43217	.23417	.45033	.2010	8.0627	8.6251
#1	.82754	4.0426	.62532	3.2116	.32464	15.21	-.01584	-2.9487
#2	.83108	3.9996	.62122	3.2020	.32288	15.17	-.01358	-2.5939
#3	.82822	3.9717	.62631	3.1969	.32578	15.23	-.01416	-2.5134

Sample Name: K2515-03A Acquired: 4/22/2019 19:41:31 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 217.78
Stddev 7.72
%RSD 3.5465

#1 208.87
#2 222.58
#3 221.89

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5238.8	69768.	7340.4	69.631	4423.9
Stddev	5.5	87.	39.1	1.578	4.7
%RSD	.10442	.12503	.53278	2.2657	.10558

#1	5244.7	69675.	7295.3	70.624	4429.2
#2	5233.9	69781.	7362.1	67.812	4420.5
#3	5238.0	69848.	7363.8	70.457	4422.0

Sample Name: K2515-07 Acquired: 4/22/2019 19:46:00 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-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	.00856	.00636	.05951	.03812	.00681	123.43	.30068	.01246
Stddev	.00075	.00036	.00089	.00276	.00021	.10	.00038	.00007
%RSD	8.7312	5.7113	1.4888	7.2469	3.0792	.07877	.12784	.57829
#1	.00942	.00596	.06026	.03682	.00661	123.41	.30094	.01238
#2	.00808	.00646	.05853	.03624	.00703	123.34	.30024	.01251
#3	.00818	.00666	.05974	.04129	.00678	123.53	.30087	.01250
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00222	12.638	.12099	.10358	.22844	206.66	4.5635	58.054
Stddev	.00012	.088	.00051	.00016	.00067	1.14	.0011	.249
%RSD	5.2966	.69319	.41899	.15243	.29335	.55146	.02436	.42948
#1	.00236	12.705	.12087	.10370	.22862	205.87	4.5623	57.876
#2	.00213	12.670	.12154	.10363	.22901	207.97	4.5644	58.339
#3	.00218	12.539	.12055	.10340	.22770	206.15	4.5639	57.948
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18470	-.00830	1.7162	.22707	.57437	6.6277	-.00026	.09838
Stddev	.00030	.00024	.0119	.00058	.00107	.0015	.00026	.01447
%RSD	.16253	2.9235	.69245	.25529	.18609	.02213	99.011	14.705
#1	.18490	-.00854	1.7025	.22759	.57553	6.6264	-.00025	.11244
#2	.18435	-.00806	1.7243	.22645	.57343	6.6293	-.00052	.09917
#3	.18484	-.00831	1.7216	.22717	.57414	6.6273	-.00001	.08354
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24573	1.7274	.00527	3.3597	.15753	7.828	-.18614	<.00000
Stddev	.00316	.0218	.00067	.0068	.00026	.017	.00105	.04737
%RSD	1.2871	1.2637	12.715	.20122	.16294	.2209	.56313	4.2841
#1	.24211	1.7474	.00458	3.3632	.15781	7.826	-.18535	-1.0894
#2	.24797	1.7308	.00533	3.3639	.15731	7.847	-.18733	-1.1592
#3	.24711	1.7041	.00592	3.3519	.15748	7.812	-.18574	-1.0687

Sample Name: K2515-07 Acquired: 4/22/2019 19:46:00 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-10 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 149.77
Stddev	5.61
%RSD	3.7441

#1	153.80
#2	152.13
#3	143.36

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5202.4	69412.	7326.0	72.094	4537.8
Stddev	7.3	46.	49.4	1.143	9.6
%RSD	.14050	.06572	.67364	1.5849	.21231

#1	5195.5	69381.	7274.6	72.963	4528.2
#2	5210.1	69464.	7330.5	72.518	4547.5
#3	5201.5	69390.	7373.0	70.799	4537.7

Sample Name: CCV07 Acquired: 4/22/2019 19:50:35 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14868 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0221	4.9491	4.9248	4.9606	5.0301	9.4169	9.7799	.25007
Stddev	.0142	.0067	.0064	.0090	.0051	.0401	.0507	.00051
%RSD	.28294	.13473	.13038	.18117	.10226	.42623	.51876	.20545
#1	5.0183	4.9414	4.9195	4.9518	5.0299	9.3765	9.7222	.24963
#2	5.0101	4.9528	4.9319	4.9602	5.0251	9.4174	9.8174	.24994
#3	5.0378	4.9532	4.9229	4.9697	5.0354	9.4567	9.8002	.25064
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3494	23.501	.91944	2.4790	1.2245	4.8147	2.4843	24.128
Stddev	.0014	.087	.00496	.0009	.0003	.0200	.0011	.240
%RSD	.05792	.37229	.53913	.03786	.02461	.41577	.04399	.99546
#1	2.3497	23.440	.91387	2.4783	1.2247	4.7967	2.4831	23.916
#2	2.3506	23.602	.92336	2.4801	1.2242	4.8362	2.4850	24.078
#3	2.3479	23.462	.92109	2.4787	1.2246	4.8110	2.4850	24.389
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3641	1.2084	23.989	2.2885	2.4129	23.039	4.7689	4.8363
Stddev	.0014	.0041	.136	.0020	.0038	.087	.0018	.0432
%RSD	.06141	.34147	.56884	.08544	.15719	.37711	.03831	.89287
#1	2.3629	1.2036	23.841	2.2872	2.4088	22.950	4.7674	4.7905
#2	2.3657	1.2113	24.110	2.2907	2.4162	23.044	4.7709	4.8762
#3	2.3638	1.2101	24.016	2.2875	2.4135	23.124	4.7682	4.8422
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5790	F 4.1446	F 4.4932	4.8259	F 4.3520	4.843	4.7843	F 11.096
Stddev	.0034	.0191	.0047	.0093	.0348	.006	.0221	.388
%RSD	.07446	.46181	.10529	.19288	.79869	.1275	.46179	3.4984
#1	4.5751	4.1644	4.4907	4.8250	4.3921	4.837	4.8060	11.543
#2	4.5811	4.1431	4.4987	4.8356	4.3335	4.843	4.7852	10.837
#3	4.5810	4.1262	4.4902	4.8170	4.3304	4.849	4.7618	10.909

Sample Name: CCV07 Acquired: 4/22/2019 19:50:35 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14868 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9295
Stddev	3.4918
%RSD	180.97

#1	5.5586
#2	-1.4065
#3	1.6365

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4450.8	58789.	6158.3	72.775	4593.8
Stddev	8.9	74.	52.1	.447	5.5
%RSD	.20009	.12591	.84589	.61362	.11869

#1	4445.1	58863.	6102.7	72.701	4589.1
#2	4461.0	58715.	6166.3	72.369	4599.8
#3	4446.1	58788.	6205.9	73.253	4592.5

Sample Name: CCB07 Acquired: 4/22/2019 19:54:34 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14868 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	.00199	-.00107	.00211	-.00169	-.02604	.00047
Stddev	.00191	.00076	.00023	.00255	.00094	.00305	.00022
%RSD	408.15	38.104	21.488	120.93	55.704	11.728	47.755

#1	.00261	.00284	-.00097	.00419	-.00061	-.02472	.00066
#2	-.00106	.00136	-.00090	-.00074	-.00213	-.02953	.00052
#3	-.00014	.00179	-.00133	.00289	-.00233	-.02387	.00022

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00006	-.01879	-.00006	.00006	-.00049	.00175
Stddev	.00001	.00006	.00828	.00039	.00018	.00021	.00022
%RSD	11.043	92.211	44.054	633.37	298.50	43.023	12.694

#1	.00006	.00012	-.02652	-.00027	.00026	-.00047	.00187
#2	.00006	.00006	-.01005	-.00030	.00003	-.00071	.00189
#3	.00005	.00000	-.01981	.00039	-.00010	-.00029	.00150

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	-.00311	.00072	.00051	-.18286	-.00014	-.00005
Stddev	.00002	.01312	.00023	.00044	.00732	.00024	.00002
%RSD	30.021	422.19	31.622	85.838	4.0010	167.05	46.468

#1	-.00005	.01183	.00055	.00028	-.18736	-.00004	-.00004
#2	-.00009	-.01276	.00098	.00102	-.18681	-.00042	-.00008
#3	-.00010	-.00839	.00064	.00024	-.17442	.00003	-.00003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04776	.00051	.02161	F -.03215	-.00135	-.00061	-.00018
Stddev	.01217	.00009	.00411	.00229	.00045	.00042	.00116
%RSD	25.475	17.122	19.022	7.1102	33.585	69.423	644.02

#1	-.06175	.00061	.01741	-.03409	-.00108	-.00015	-.00125
#2	-.03959	.00048	.02181	-.02963	-.00109	-.00099	.00106
#3	-.04196	.00045	.02562	-.03272	-.00187	-.00068	-.00035

Sample Name: CCB07 Acquired: 4/22/2019 19:54:34 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14868 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00377	-.0044	-.00011	F 8.2562	F 1.8758
Stddev	.00095	.0008	.00007	.2295	3.0086
%RSD	25.158	19.44	62.652	2.7795	160.39
#1	-.00483	-.0044	-.00014	7.9973	4.1545
#2	-.00347	-.0035	-.00015	8.4347	-1.5345
#3	-.00300	-.0052	-.00003	8.3364	3.0073
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4657.9	61682.	6200.7	75.852	5202.1
Stddev	7.3	210.	9.5	1.235	6.6
%RSD	.15595	.34060	.15244	1.6275	.12678
#1	4663.3	61732.	6192.8	75.109	5207.0
#2	4660.7	61862.	6198.0	77.277	5204.7
#3	4649.7	61451.	6211.2	75.170	5194.6

Sample Name: K2515-11 Acquired: 4/22/2019 19:59:04 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-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	.02636	.01039	.19716	.04279	.00762	157.30	.49978	.01417
Stddev	.00181	.00114	.00039	.00469	.00093	1.02	.00347	.00021
%RSD	6.8757	10.994	.19753	10.966	12.181	.65115	.69502	1.4723
#1	.02428	.01119	.19748	.04816	.00825	158.29	.50378	.01440
#2	.02759	.01088	.19673	.04070	.00656	156.25	.49753	.01410
#3	.02721	.00908	.19727	.03950	.00806	157.36	.49802	.01400
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	12.687	.14160	.11909	.22507	235.40	6.3731	54.896
Stddev	.00003	.029	.00071	.00027	.00114	1.07	.0083	.304
%RSD	1.2324	.23050	.49997	.22570	.50733	.45414	.13055	.55296
#1	.00239	12.720	.14224	.11879	.22527	234.94	6.3817	55.187
#2	.00234	12.675	.14170	.11930	.22610	234.64	6.3724	54.582
#3	.00238	12.665	.14084	.11918	.22385	236.62	6.3652	54.920
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20690	-.01091	2.2123	.28665	.66580	6.9256	.00089	.11149
Stddev	.00042	.00042	.0085	.00181	.00130	.0432	.00013	.01903
%RSD	.20433	3.8303	.38233	.63013	.19600	.62399	14.076	17.065
#1	.20709	-.01066	2.2217	.28772	.66713	6.9419	.00084	.09136
#2	.20720	-.01067	2.2099	.28456	.66575	6.8766	.00104	.12918
#3	.20642	-.01139	2.2053	.28766	.66452	6.9583	.00080	.11392
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46047	2.6773	.00894	2.2963	.17762	7.821	-.19342	<.00000
Stddev	.00236	.0240	.00041	.0078	.00200	.018	.00123	.38449
%RSD	.51355	.89613	4.6312	.34132	1.1243	.2299	.63581	28.359
#1	.45891	2.6576	.00915	2.3048	.17928	7.824	-.19301	-1.6429
#2	.45930	2.7040	.00846	2.2894	.17817	7.838	-.19245	-.91898
#3	.46319	2.6703	.00920	2.2946	.17540	7.802	-.19481	-1.5056

Sample Name: K2515-11 Acquired: 4/22/2019 19:59:04 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-9 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 169.66
Stddev	1.93
%RSD	1.1402

#1	171.75
#2	169.30
#3	167.93

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5024.7	66566.	7106.1	72.891	4519.6
Stddev	3.8	153.	29.5	2.578	3.4
%RSD	.07566	.22934	.41506	3.5363	.07476

#1	5027.5	66490.	7116.7	70.271	4520.8
#2	5026.2	66742.	7072.8	75.425	4522.1
#3	5020.4	66467.	7128.8	72.977	4515.7

Sample Name: K2515-15 Acquired: 4/22/2019 20:03:38 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-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	.01477	.00750	.09104	.03920	.00821	132.62	.35002	.01346
Stddev	.00098	.00118	.00078	.00367	.00140	.11	.00112	.00011
%RSD	6.6275	15.681	.86026	9.3501	17.002	.08400	.31941	.79334
#1	.01482	.00671	.09188	.03619	.00928	132.61	.35064	.01338
#2	.01376	.00885	.09032	.04328	.00871	132.74	.35069	.01358
#3	.01572	.00694	.09092	.03814	.00663	132.52	.34873	.01341
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00383	12.742	.12141	.12047	.27548	224.00	6.0458	59.269
Stddev	.00004	.069	.00042	.00035	.00052	1.33	.0152	.201
%RSD	.94203	.54487	.34982	.28871	.18842	.59524	.25194	.33907
#1	.00385	12.725	.12159	.12019	.27605	225.33	6.0419	59.161
#2	.00385	12.819	.12093	.12037	.27503	224.02	6.0626	59.501
#3	.00379	12.683	.12172	.12086	.27535	222.66	6.0329	59.146
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20584	-.01039	1.5671	.26429	.62062	6.4167	.00045	.10005
Stddev	.00043	.00034	.0077	.00117	.00151	.0194	.00009	.01015
%RSD	.20672	3.2257	.48907	.44312	.24370	.30313	21.106	10.142
#1	.20537	-.01018	1.5584	.26304	.61887	6.4303	.00052	.09600
#2	.20620	-.01022	1.5700	.26536	.62155	6.4254	.00034	.09256
#3	.20596	-.01078	1.5729	.26449	.62144	6.3944	.00048	.11160
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38127	2.5470	.00598	2.9116	.15592	7.812	-.19783	<.00000
Stddev	.00423	.0232	.00060	.0092	.00200	.005	.00133	.36040
%RSD	1.1095	.90995	9.9480	.31461	1.2797	.0641	.67018	12.156
#1	.37796	2.5711	.00531	2.9220	.15821	7.808	-.19906	-2.6785
#2	.38604	2.5451	.00621	2.9080	.15452	7.818	-.19799	-2.8462
#3	.37981	2.5249	.00643	2.9048	.15503	7.812	-.19643	-3.3695

Sample Name: K2515-15 Acquired: 4/22/2019 20:03:38 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-12 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 163.59
 Stddev 9.43
 %RSD 5.7618

#1 153.08
 #2 171.28
 #3 166.42

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5318.8	70582.	7526.1	71.775	4513.5
Stddev	13.7	123.	33.8	.759	.2
%RSD	.25800	.17400	.44874	1.0578	.00429

#1	5302.9	70525.	7489.1	71.130	4513.3
#2	5326.3	70722.	7534.0	71.582	4513.5
#3	5327.1	70497.	7555.2	72.612	4513.7

Sample Name: K2515-19 Acquired: 4/22/2019 20:08:13 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03542	.01036	.49361	.04500	.01009	158.99	.62415	.01952
Stddev	.00010	.00134	.00072	.00117	.00187	.62	.00162	.00023
%RSD	.27159	12.924	.14525	2.5957	18.509	.39207	.25919	1.1977
#1	.03548	.01149	.49309	.04633	.00799	158.52	.62549	.01943
#2	.03546	.00888	.49443	.04415	.01155	158.75	.62235	.01935
#3	.03531	.01071	.49333	.04452	.01072	159.69	.62461	.01979
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00505	18.186	.21251	.14591	.52111	243.70	6.6117	52.798
Stddev	.00012	.013	.00077	.00010	.00210	.56	.0075	.156
%RSD	2.4013	.07260	.36106	.06978	.40262	.22956	.11402	.29502
#1	.00515	18.171	.21187	.14579	.52342	243.28	6.6126	52.629
#2	.00509	18.196	.21230	.14596	.51933	243.47	6.6188	52.936
#3	.00492	18.191	.21336	.14597	.52059	244.33	6.6038	52.829
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.33364	-.01081	2.5708	.33275	1.8424	6.1111	.00591	.11570
Stddev	.00068	.00040	.0106	.00073	.0017	.0171	.00031	.00100
%RSD	.20485	3.6769	.41248	.21790	.09148	.28062	5.1715	.86226
#1	.33443	-.01125	2.5795	.33303	1.8440	6.1134	.00579	.11458
#2	.33319	-.01048	2.5590	.33329	1.8425	6.1269	.00625	.11601
#3	.33331	-.01070	2.5739	.33192	1.8407	6.0928	.00568	.11650
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95480	4.9897	.08752	2.0793	.17273	9.178	-.18873	<.00000
Stddev	.00438	.0111	.00175	.0027	.00184	.025	.00075	.21559
%RSD	.45852	.22208	2.0020	.12976	1.0659	.2707	.39808	8.8802
#1	.95134	4.9967	.08950	2.0762	.17061	9.204	-.18849	-2.3369
#2	.95972	4.9769	.08687	2.0812	.17372	9.176	-.18812	-2.2725
#3	.95334	4.9955	.08618	2.0804	.17387	9.154	-.18957	-2.6739

Sample Name: K2515-19 Acquired: 4/22/2019 20:08:13 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-13 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 199.46
Stddev	7.12
%RSD	3.5678

#1	205.40
#2	201.41
#3	191.57

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5134.1	68273.	7344.4	73.826	4472.7
Stddev	4.6	147.	22.2	.432	4.5
%RSD	.09039	.21479	.30258	.58573	.10143

#1	5134.0	68245.	7341.3	74.143	4467.6
#2	5129.6	68432.	7367.9	74.001	4474.6
#3	5138.8	68143.	7323.8	73.333	4476.1

Sample Name: K2515-23 Acquired: 4/22/2019 20:12:47 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03187	.01045	.17522	.04583	.00902	175.63	.54971	.01631
Stddev	.00205	.00063	.00082	.00475	.00106	1.00	.00325	.00030
%RSD	6.4262	6.0363	.47024	10.370	11.703	.57009	.59095	1.8510
#1	.03422	.00979	.17563	.04623	.00842	176.67	.55255	.01665
#2	.03047	.01105	.17427	.05037	.00841	174.67	.54617	.01611
#3	.03091	.01051	.17576	.04089	.01024	175.57	.55040	.01616
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00403	9.9845	.18453	.13484	.20101	259.54	5.2885	54.014
Stddev	.00009	.0261	.00054	.00038	.00082	1.60	.0366	.581
%RSD	2.3277	.26150	.29396	.27883	.40653	.61504	.69141	1.0750
#1	.00403	9.9551	.18391	.13507	.20165	261.12	5.3034	54.289
#2	.00412	9.9935	.18495	.13504	.20009	257.93	5.2469	53.347
#3	.00394	10.005	.18471	.13441	.20130	259.57	5.3153	54.406
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20929	-.01421	3.1526	.40812	.65727	6.4112	.00265	.10850
Stddev	.00089	.00041	.0100	.00081	.00064	.0170	.00014	.01164
%RSD	.42446	2.8560	.31669	.19815	.09669	.26507	5.3212	10.732
#1	.21029	-.01404	3.1549	.40726	.65725	6.4223	.00250	.10162
#2	.20860	-.01392	3.1417	.40823	.65664	6.3916	.00268	.12194
#3	.20897	-.01467	3.1613	.40887	.65791	6.4196	.00278	.10194
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95240	3.4005	.01058	2.5686	.17530	9.143	-.23863	<.00000
Stddev	.00484	.0274	.00061	.0084	.00074	.035	.00183	.17174
%RSD	.50771	.80503	5.8042	.32737	.42393	.3793	.76705	6.2419
#1	.95788	3.3837	.01091	2.5739	.17501	9.182	-.24031	-2.6628
#2	.94874	3.4321	.01096	2.5730	.17475	9.117	-.23668	-2.6422
#3	.95057	3.3857	.00987	2.5589	.17614	9.130	-.23891	-2.9494

Sample Name: K2515-23 Acquired: 4/22/2019 20:12:47 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-16 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 206.76
Stddev	6.52
%RSD	3.1539

#1	200.17
#2	206.91
#3	213.21

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5101.7	67162.	7212.4	72.098	4467.9
Stddev	4.6	351.	17.9	.486	1.8
%RSD	.09000	.52326	.24883	.67420	.04101

#1	5106.3	66788.	7209.8	72.058	4468.6
#2	5097.2	67486.	7195.9	72.603	4465.8
#3	5101.5	67212.	7231.5	71.633	4469.3

Sample Name: K2463-01 Acquired: 4/22/2019 20:17:22 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00453	-.00076	.00089	.00315	-.00149	.02634	.13173
Stddev	.00078	.00068	.00036	.00106	.00077	.00383	.00129
%RSD	17.211	88.904	40.069	33.793	51.637	14.534	.97807

#1	-.00373	-.00115	.00123	.00192	-.00217	.03053	.13310
#2	-.00457	.00002	.00093	.00379	-.00163	.02301	.13055
#3	-.00529	-.00115	.00052	.00373	-.00066	.02548	.13154

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00008	3.4839	.00070	.00094	.00039	.13549
Stddev	.00002	.00005	.0237	.00035	.00017	.00024	.00069
%RSD	236.03	63.328	.68126	49.808	17.963	61.990	.50915

#1	-.00000	.00007	3.4620	.00066	.00080	.00014	.13612
#2	.00001	.00003	3.5091	.00106	.00089	.00063	.13475
#3	-.00004	.00013	3.4806	.00037	.00112	.00041	.13560

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22888	.89200	.00219	.00079	199.44	.00047	.14061
Stddev	.00048	.04485	.00028	.00070	.82	.00022	.00016
%RSD	.20977	5.0285	12.699	88.154	.41274	46.795	.11262

#1	.22873	.89436	.00189	.00155	198.52	.00025	.14056
#2	.22849	.93562	.00223	.00018	199.72	.00069	.14048
#3	.22941	.84601	.00245	.00064	200.09	.00047	.14078

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6968	.00036	.06166	.65952	.15326	-.00124	.00044
Stddev	.0270	.00016	.00849	.00953	.00296	.00034	.00048
%RSD	1.5926	44.036	13.766	1.4456	1.9320	26.994	110.41

#1	1.6662	.00050	.07088	.66394	.14985	-.00140	.00091
#2	1.7175	.00019	.05416	.64858	.15484	-.00086	.00045
#3	1.7068	.00039	.05995	.66604	.15510	-.00147	-.00005

Sample Name: K2463-01 Acquired: 4/22/2019 20:17:22 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00273	.0828	.01200	10.405	F<.00000
Stddev	.00127	.0005	.00004	.289	2.0055
%RSD	46.697	.6240	.29987	2.7777	14.972

#1	-.00409	.0822	.01204	10.727	-15.632
#2	-.00252	.0830	.01199	10.168	-12.796
#3	-.00157	.0831	.01196	10.321	-11.758

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4385.6	58030.	6077.4	72.617	4590.6
Stddev	8.9	134.	9.0	1.575	2.2
%RSD	.20399	.23055	.14870	2.1696	.04878

#1	4387.4	57927.	6072.1	72.002	4589.9
#2	4375.9	58181.	6072.2	71.441	4588.8
#3	4393.5	57983.	6087.8	74.407	4593.1

Sample Name: K2463-02 Acquired: 4/22/2019 20:21:56 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DRUM-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00161	-.00157	.00196	.00309	-.00039	.16070	.14893
Stddev	.00202	.00068	.00047	.00238	.00060	.01231	.00074
%RSD	125.14	42.971	24.126	77.219	155.88	7.6588	.49670

#1	-.00085	-.00235	.00246	.00584	.00025	.16104	.14855
#2	-.00390	-.00126	.00188	.00175	-.00095	.17284	.14846
#3	-.00009	-.00111	.00153	.00168	-.00046	.14823	.14979

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00020	3.2931	.00075	.00072	.00237	.18673
Stddev	.00006	.00005	.0338	.00032	.00008	.00019	.00208
%RSD	72.602	24.923	1.0258	42.498	11.029	8.0304	1.1136

#1	-.00010	.00025	3.2598	.00059	.00080	.00256	.18735
#2	-.00001	.00015	3.3273	.00054	.00064	.00219	.18843
#3	-.00012	.00019	3.2921	.00112	.00073	.00235	.18441

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30905	1.0663	.00313	.00081	244.54	.00017	.21238
Stddev	.00044	.0291	.00015	.00047	.70	.00037	.00058
%RSD	.14326	2.7332	4.7004	58.528	.28716	223.53	.27318

#1	.30896	1.0539	.00312	.00136	243.87	.00050	.21287
#2	.30866	1.0996	.00328	.00053	244.46	-.00023	.21174
#3	.30953	1.0455	.00298	.00055	245.27	.00023	.21254

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1715	.00028	.07054	.84598	.21287	-.00122	.00206
Stddev	.0315	.00010	.01087	.00515	.00648	.00083	.00043
%RSD	1.4508	35.946	15.410	.60908	3.0417	67.681	20.947

#1	2.1401	.00020	.06418	.84544	.21544	-.00030	.00166
#2	2.1712	.00040	.08309	.84112	.21768	-.00147	.00201
#3	2.2031	.00026	.06434	.85138	.20551	-.00190	.00252

Sample Name: K2463-02 Acquired: 4/22/2019 20:21:56 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DRUM-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00163	.1533	.01297	10.443	F<.00000
Stddev	.00027	.0045	.00010	.274	4.6869
%RSD	16.585	2.905	.77672	2.6271	26.840

#1	-.00135	.1567	.01290	10.550	-15.720
#2	-.00165	.1483	.01309	10.132	-22.770
#3	-.00189	.1550	.01294	10.649	-13.896

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4348.3	57618.	6062.6	71.570	4518.9
Stddev	12.3	83.	8.3	1.396	13.1
%RSD	.28220	.14434	.13747	1.9499	.28963

#1	4342.8	57636.	6069.6	70.295	4504.9
#2	4339.8	57527.	6053.4	71.355	4520.7
#3	4362.4	57690.	6064.9	73.061	4530.9

Sample Name: K2464-02 Acquired: 4/22/2019 20:26:30 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: M-COMP-4.18. Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00209	-.00084	.04242	.00269	-.00009	-.01651	.31103
Stddev	.00222	.00139	.00083	.00187	.00121	.00711	.00058
%RSD	106.27	166.21	1.9495	69.596	1349.7	43.036	.18664

#1	.00017	-.00237	.04230	.00484	.00129	-.02317	.31044
#2	-.00216	.00033	.04166	.00183	-.00056	-.00903	.31160
#3	-.00427	-.00047	.04330	.00140	-.00100	-.01733	.31105

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00123	135.19	-.00122	.01205	.00887	.17168
Stddev	.00011	.00009	.28	.00031	.00018	.00042	.00200
%RSD	843.82	6.9918	.20961	24.964	1.5291	4.7189	1.1678

#1	-.00006	.00130	135.33	-.00155	.01187	.00933	.17020
#2	.00011	.00114	135.39	-.00094	.01224	.00851	.17087
#3	-.00009	.00125	134.87	-.00118	.01203	.00877	.17396

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6422	3.7057	.01350	.00071	320.26	.00020	.27463
Stddev	.0099	.0247	.00019	.00053	.49	.00027	.00076
%RSD	.37416	.66583	1.3721	73.817	.15350	131.96	.27736

#1	2.6308	3.7308	.01371	.00011	320.69	-.00011	.27550
#2	2.6479	3.6815	.01343	.00097	319.73	.00036	.27409
#3	2.6480	3.7049	.01336	.00107	320.36	.00035	.27430

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9334	.00043	.04943	2.2235	1.5393	.00030	-.00482
Stddev	.0112	.00014	.01935	.0147	.0070	.00060	.00214
%RSD	.38025	31.644	39.153	.65876	.45222	197.55	44.386

#1	2.9206	.00058	.07167	2.2345	1.5447	.00093	-.00596
#2	2.9388	.00037	.03641	2.2069	1.5315	-.00027	-.00615
#3	2.9409	.00033	.04021	2.2290	1.5418	.00025	-.00235

Sample Name: K2464-02 Acquired: 4/22/2019 20:26:30 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: M-COMP-4.18. Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00678	-.0026	.52298	12.095	F<.00000
Stddev	.00018	.0012	.00224	.134	7.0881
%RSD	2.6557	47.31	.42898	1.1104	22.011

#1	.00674	-.0024	.52521	12.097	-32.420
#2	.00698	-.0015	.52300	11.960	-39.180
#3	.00662	-.0039	.52072	12.228	-25.009

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4211.8	56101.	6028.2	71.094	4311.4
Stddev	10.8	68.	38.4	.711	4.2
%RSD	.25638	.12088	.63754	.99945	.09848

#1	4211.4	56038.	5989.1	71.309	4311.3
#2	4201.2	56093.	6029.5	70.301	4307.2
#3	4222.8	56173.	6066.0	71.672	4315.6

Sample Name: K2465-02 Acquired: 4/22/2019 20:31:01 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Q-COMP-4.18. Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00412	-.00114	.00174	.00617	-.00124	-.03324	.45277
Stddev	.00247	.00096	.00110	.00284	.00102	.01632	.00125
%RSD	59.884	84.674	63.615	46.034	82.658	49.104	.27526

#1	-.00633	-.00083	.00046	.00932	-.00145	-.01484	.45186
#2	-.00146	-.00221	.00237	.00539	-.00013	-.03891	.45419
#3	-.00456	-.00036	.00238	.00380	-.00214	-.04598	.45227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.00023	162.01	-.00165	.00247	.04391	-.00324
Stddev	.00007	.00008	.83	.00026	.00003	.00027	.00038
%RSD	53.147	35.875	.51471	15.996	1.1143	.60740	11.617

#1	-.00010	.00016	161.10	-.00156	.00244	.04388	-.00363
#2	-.00008	.00021	162.74	-.00144	.00248	.04366	-.00320
#3	-.00020	.00032	162.19	-.00195	.00249	.04419	-.00288

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6401	2.2866	.00076	.00071	307.82	.00011	.08859
Stddev	.0024	.0031	.00037	.00050	.95	.00020	.00040
%RSD	.09213	.13417	48.141	70.799	.30893	190.52	.45351

#1	2.6427	2.2885	.00041	.00088	308.70	.00032	.08901
#2	2.6395	2.2830	.00114	.00111	306.81	.00008	.08854
#3	2.6380	2.2882	.00073	.00015	307.95	-.00008	.08821

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7682	.00032	.04176	.27455	1.3219	-.00000	-.00523
Stddev	.0132	.00019	.00573	.00054	.0088	.00063	.00053
%RSD	.35095	59.805	13.734	.19531	.66566	15850.	10.138

#1	3.7534	.00052	.03669	.27418	1.3119	-.00072	-.00579
#2	3.7789	.00028	.04798	.27431	1.3286	.00048	-.00517
#3	3.7722	.00014	.04060	.27517	1.3253	.00023	-.00473

Sample Name: K2465-02 Acquired: 4/22/2019 20:31:01 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Q-COMP-4.18. Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01122	-.0050	.34542	12.454	F<.00000
Stddev	.00179	.0018	.00135	.253	2.7813
%RSD	15.982	36.83	.39050	2.0347	6.4397
#1	.00936	-.0070	.34390	12.739	-40.483
#2	.01294	-.0037	.34646	12.253	-46.040
#3	.01136	-.0041	.34589	12.369	-43.045
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4206.8	56290.	6014.8	70.309	4297.2
Stddev	6.7	213.	26.6	.468	5.0
%RSD	.15870	.37851	.44149	.66603	.11544
#1	4206.2	56354.	6042.9	70.094	4298.2
#2	4200.4	56052.	5990.1	70.847	4291.9
#3	4213.7	56464.	6011.6	69.988	4301.6

Sample Name: K2501-01 Acquired: 4/22/2019 20:35:34 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: T-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00675	.00062	.00236	.00123	-.00196	-.04689	.07134
Stddev	.00201	.00072	.00072	.00123	.00134	.01514	.00059
%RSD	29.744	115.91	30.472	100.10	68.272	32.284	.82941

#1	.00603	.00019	.00302	.00262	-.00350	-.05731	.07201
#2	.00521	.00145	.00160	.00081	-.00114	-.02953	.07092
#3	.00903	.00022	.00247	.00026	-.00123	-.05384	.07108

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.00006	200.45	.01677	-.00009	.00910	-.00514
Stddev	.00005	.00006	.26	.00027	.00027	.00026	.00059
%RSD	1086.1	97.747	.13195	1.5845	286.44	2.8981	11.487

#1	.00003	-.00011	200.65	.01693	.00021	.00901	-.00580
#2	-.00007	.00000	200.56	.01692	-.00018	.00890	-.00467
#3	.00002	-.00006	200.15	.01647	-.00030	.00940	-.00495

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00060	1.3714	-.00143	.00016	322.89	.00511	.00640
Stddev	.00009	.0226	.00013	.00012	1.06	.00019	.00010
%RSD	14.575	1.6456	9.1848	76.532	.32977	3.6465	1.5780

#1	.00059	1.3657	-.00138	.00030	322.14	.00532	.00645
#2	.00069	1.3523	-.00132	.00006	324.11	.00506	.00646
#3	.00051	1.3963	-.00157	.00012	322.41	.00495	.00628

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8782	.00099	.02300	6.3219	6.1677	-.00187	-.00483
Stddev	.0651	.00024	.01354	.0381	.0250	.00037	.00144
%RSD	1.1079	24.444	58.861	.60257	.40616	19.902	29.701

#1	5.8303	.00098	.01812	6.3590	6.1462	-.00173	-.00640
#2	5.8519	.00075	.03831	6.2829	6.1952	-.00159	-.00451
#3	5.9524	.00124	.01259	6.3239	6.1618	-.00230	-.00358

Sample Name: K2501-01 Acquired: 4/22/2019 20:35:34 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: T-2 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01477	-.0012	.20634	11.993	F<.00000
Stddev	.00075	.0016	.00044	.361	5.4689
%RSD	5.1004	131.6	.21513	3.0126	12.034
#1	.01440	-.0029	.20608	12.082	-39.157
#2	.01564	.0004	.20686	11.595	-49.095
#3	.01428	-.0012	.20609	12.301	-48.082
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4191.2	56040.	5973.9	70.545	4282.1
Stddev	6.4	292.	31.6	1.946	7.3
%RSD	.15181	.52111	.52911	2.7585	.17027
#1	4188.8	55981.	5969.4	68.331	4275.9
#2	4198.5	55782.	5944.7	71.987	4290.1
#3	4186.5	56357.	6007.5	71.316	4280.2

Sample Name: K2508-01 Acquired: 4/22/2019 20:40:06 Type: Unk
Method: P4-ICP2(v3062) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00337	-.00109	.03576	.00199	-.00009	-.00537	.01641
Stddev	.00182	.00030	.00074	.00225	.00064	.00487	.00008
%RSD	53.996	27.767	2.0605	113.13	746.56	90.578	.49656

#1	-.00539	-.00144	.03653	.00130	-.00047	-.00187	.01634
#2	-.00286	-.00094	.03507	.00450	-.00045	-.00332	.01650
#3	-.00186	-.00089	.03568	.00016	.00066	-.01093	.01639

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00005	.86742	.00097	-.00016	.07758	.04560
Stddev	.00001	.00006	.01205	.00017	.00020	.00043	.00011
%RSD	17.163	124.17	1.3889	17.805	121.79	.54966	.23266

#1	-.00008	.00009	.86772	.00102	.00004	.07709	.04559
#2	-.00010	-.00002	.85523	.00111	-.00018	.07780	.04571
#3	-.00007	.00007	.87932	.00078	-.00035	.07785	.04549

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00274	.09344	.00195	.00052	242.87	.00020	.12898
Stddev	.00005	.06029	.00021	.00022	2.05	.00010	.00077
%RSD	1.8480	64.518	10.763	42.682	.84492	51.895	.59725

#1	.00279	.15719	.00199	.00058	240.87	.00028	.12854
#2	.00269	.03734	.00172	.00071	242.79	.00008	.12853
#3	.00273	.08580	.00213	.00028	244.97	.00024	.12987

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07558	.00032	.01769	.02945	.03404	-.00078	.00054
Stddev	.02914	.00009	.00534	.00068	.00059	.00049	.00047
%RSD	38.553	27.178	30.199	2.3068	1.7457	62.849	86.860

#1	.04834	.00025	.01429	.02983	.03453	-.00089	.00079
#2	.07209	.00030	.01493	.02867	.03422	-.00122	.00085
#3	.10630	.00042	.02384	.02986	.03338	-.00025	-.00000

Sample Name: K2508-01 Acquired: 4/22/2019 20:40:06 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-DEBRIS- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.0012	.00216	10.612	F<.00000
Stddev	.00301	.0010	.00008	.246	3.2557
%RSD	21626.	85.72	3.4746	2.3226	27.353

#1	-.00343	.0012	.00211	10.328	-8.8260
#2	.00215	.0022	.00213	10.755	-15.312
#3	.00132	.0002	.00225	10.754	-11.570

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4364.4	58183.	6105.1	73.444	4520.8
Stddev	13.2	498.	18.0	.388	15.3
%RSD	.30338	.85551	.29435	.52861	.33888

#1	4370.5	58755.	6085.1	73.852	4534.5
#2	4373.5	57951.	6119.9	73.080	4523.6
#3	4349.2	57844.	6110.3	73.400	4504.3

Sample Name: CCV08 Acquired: 4/22/2019 20:44:41 Type: Unk
Method: P4-ICP2(v3062) 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	4.9852	4.9551	4.9262	4.9042	4.9877	9.3205	9.6068
Stddev	.0055	.0056	.0085	.0133	.0050	.0359	.0173
%RSD	.11111	.11201	.17170	.27022	.09932	.38472	.18025

#1	4.9829	4.9603	4.9211	4.9195	4.9926	9.3588	9.6167
#2	4.9915	4.9557	4.9360	4.8956	4.9827	9.3149	9.6169
#3	4.9811	4.9493	4.9217	4.8976	4.9879	9.2878	9.5868

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24944	2.3500	23.429	.91792	2.4752	1.2208	4.8033
Stddev	.00031	.0051	.036	.00291	.0064	.0023	.0081
%RSD	.12262	.21832	.15189	.31711	.26031	.18520	.16950

#1	.24978	2.3454	23.460	.91552	2.4719	1.2214	4.8119
#2	.24919	2.3555	23.390	.92116	2.4826	1.2183	4.7956
#3	.24935	2.3492	23.438	.91708	2.4711	1.2227	4.8024

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4810	23.817	2.3602	1.2012	23.593	2.2845	2.4105
Stddev	.0046	.025	.0013	.0013	.048	.0025	.0036
%RSD	.18428	.10645	.05366	.10854	.20394	.10811	.14831

#1	2.4849	23.829	2.3595	1.2004	23.625	2.2871	2.4074
#2	2.4760	23.833	2.3616	1.2027	23.617	2.2843	2.4144
#3	2.4820	23.787	2.3594	1.2004	23.538	2.2822	2.4098

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.646	4.7637	4.7398	4.5323	F 4.1773	F 4.4936	4.7908
Stddev	.041	.0037	.0331	.0070	.0092	.0043	.0059
%RSD	.18213	.07729	.69818	.15500	.21978	.09457	.12208

#1	22.617	4.7630	4.7632	4.5310	4.1702	4.4922	4.7937
#2	22.628	4.7603	4.7020	4.5260	4.1740	4.4983	4.7840
#3	22.693	4.7676	4.7543	4.5399	4.1876	4.4902	4.7946

Sample Name: CCV08 Acquired: 4/22/2019 20:44:41 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 4.3512	4.827	4.7635	F 10.599	F<.00000
Stddev	.0065	.004	.0037	.518	5.4825
%RSD	.14870	.0828	.07836	4.8863	258.87

#1	4.3535	4.832	4.7659	10.697	-3.3247
#2	4.3438	4.825	4.7592	10.040	-6.8964
#3	4.3561	4.826	4.7655	11.062	3.8675

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4506.6	59719.	6171.8	73.267	4635.8
Stddev	2.3	213.	11.3	.779	5.4
%RSD	.05142	.35592	.18289	1.0637	.11608

#1	4505.7	59590.	6160.7	73.482	4639.9
#2	4509.3	59603.	6171.5	72.403	4629.7
#3	4504.9	59965.	6183.3	73.917	4637.8

Sample Name: CCB08 Acquired: 4/22/2019 20:48:40 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00168	-.00115	-.00011	-.00062	-.02362	.00108
Stddev	.00191	.00021	.00082	.00304	.00114	.00932	.00045
%RSD	7261.8	12.686	70.760	2766.8	183.82	39.467	41.896

#1	.00211	.00173	-.00148	-.00315	-.00104	-.03418	.00102
#2	-.00064	.00186	-.00023	.00294	-.00148	-.02017	.00066
#3	-.00155	.00144	-.00176	-.00012	.00067	-.01652	.00155

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00007	-.01090	-.00002	.00006	-.00038	.00048
Stddev	.00004	.00007	.00847	.00013	.00005	.00019	.00041
%RSD	282.72	91.649	77.736	546.95	86.157	50.936	85.953

#1	.00005	.00014	-.00129	-.00000	.00007	-.00053	.00002
#2	.00003	.00006	-.01409	-.00016	.00000	-.00044	.00081
#3	-.00003	.00001	-.01731	.00009	.00011	-.00016	.00060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.04419	.00038	.00018	-.08242	.00007	-.00007
Stddev	.00002	.05785	.00039	.00041	.01117	.00014	.00006
%RSD	28.670	130.92	102.90	231.12	13.550	187.75	86.993

#1	-.00009	-.03921	.00079	-.00013	-.09386	.00018	-.00011
#2	-.00005	.01102	.00002	.00064	-.08186	-.00008	.00000
#3	-.00006	-.10436	.00032	.00002	-.07154	.00012	-.00011

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04016	.00062	.01193	F -.03484	-.00133	-.00075	.00066
Stddev	.05861	.00025	.00199	.00162	.00105	.00069	.00122
%RSD	145.95	39.969	16.695	4.6507	78.903	92.598	183.84

#1	-.10780	.00085	.01147	-.03665	-.00236	-.00003	.00137
#2	-.00432	.00064	.01411	-.03436	-.00026	-.00080	.00137
#3	-.00836	.00036	.01021	-.03352	-.00136	-.00141	-.00075

Sample Name: CCB08 Acquired: 4/22/2019 20:48:40 Type: Unk
Method: P4-ICP2(v3062) 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	-.00317	-.0044	-.00016	F 8.7392	F 1.5138
Stddev	.00122	.0019	.00004	.2328	2.5691
%RSD	38.574	43.78	24.588	2.6632	169.71
#1	-.00356	-.0060	-.00015	8.7811	-.05476
#2	-.00416	-.0023	-.00012	8.4884	.11747
#3	-.00180	-.0048	-.00020	8.9482	4.4786
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4697.3	62417.	6199.3	73.911	5231.6
Stddev	6.8	208.	34.6	1.512	3.8
%RSD	.14372	.33357	.55784	2.0461	.07232
#1	4690.8	62200.	6170.6	73.036	5229.4
#2	4704.3	62615.	6237.7	75.657	5229.5
#3	4696.6	62437.	6189.7	73.039	5236.0

Sample Name: K2508-03 Acquired: 4/22/2019 20:53:09 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL-220-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00204	-.00017	-.00035	.00130	-.00145	-.02367	.00072	-.00006
Stddev	.00059	.00105	.00051	.00436	.00082	.00375	.00042	.00003
%RSD	28.680	630.11	143.78	334.09	56.885	15.829	57.836	43.429

#1	-.00271	.00022	.00004	.00562	-.00172	-.02314	.00061	-.00003
#2	-.00162	.00063	-.00092	-.00309	-.00211	-.02022	.00037	-.00007
#3	-.00180	-.00135	-.00017	.00137	-.00052	-.02765	.00119	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.09544	.00027	-.00008	.00074	.04410	.00075	-.03074
Stddev	.00003	.00622	.00033	.00006	.00021	.00041	.00004	.01616
%RSD	299.83	6.5141	122.78	70.345	28.726	.93521	5.0543	52.567

#1	-.00002	.09745	-.00008	-.00015	.00071	.04454	.00072	-.02380
#2	.00001	.08847	.00032	-.00007	.00054	.04403	.00079	-.01921
#3	.00005	.10041	.00056	-.00003	.00096	.04373	.00075	-.04921

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00145	.00055	.05623	.00004	.03460	.00632	.00057	.02122
Stddev	.00026	.00018	.00958	.00013	.00011	.00848	.00012	.01069
%RSD	17.919	32.307	17.031	335.96	.31665	134.19	21.548	50.370

#1	.00173	.00048	.05838	.00013	.03451	.01140	.00043	.03126
#2	.00122	.00041	.04576	-.00011	.03456	.01104	.00066	.00998
#3	.00139	.00075	.06454	.00010	.03472	-.00347	.00063	.02242

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5493	.00193	-.00153	-.00078	-.00397	.0013	-.00003	7.6327
Stddev	.0093	.00146	.00043	.00059	.00096	.0003	.00010	.2010
%RSD	.60073	75.613	28.246	75.901	24.231	25.22	288.41	2.6331

#1	1.5387	.00347	-.00163	-.00111	-.00507	.0010	.00006	7.4586
#2	1.5561	.00058	-.00105	-.00112	-.00348	.0016	-.00013	7.8526
#3	1.5530	.00174	-.00189	-.00010	-.00335	.0014	-.00003	7.5868

Sample Name: K2508-03 Acquired: 4/22/2019 20:53:09 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OIL-220-6 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.9581
 Stddev 4.7947
 %RSD 53.524

#1 14.040
 #2 4.5145
 #3 8.3199

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4750.3	63833.	6176.2	73.197	5346.7
Stddev	16.4	159.	29.6	1.071	16.3
%RSD	.34452	.24928	.47866	1.4630	.30435

#1	4731.8	63690.	6163.1	72.852	5330.9
#2	4756.4	63804.	6155.5	72.341	5345.9
#3	4762.7	64004.	6210.1	74.398	5363.4

Sample Name: K2508-08 Acquired: 4/22/2019 20:57:38 Type: Unk
Method: P4-ICP2(v3062) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00238	-.00115	.00159	.00205	-.00095	.01515	.02559
Stddev	.00228	.00092	.00040	.00110	.00167	.00726	.00068
%RSD	95.894	79.320	24.952	53.763	175.58	47.947	2.6630

#1	-.00434	-.00210	.00195	.00272	-.00070	.00699	.02613
#2	.00013	-.00027	.00116	.00078	-.00274	.02092	.02482
#3	-.00293	-.00109	.00166	.00266	.00058	.01753	.02581

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00005	.71254	.00063	.00011	.00224	.02114
Stddev	.00001	.00006	.01051	.00016	.00006	.00032	.00014
%RSD	16.836	125.46	1.4743	25.950	58.210	14.516	.66575

#1	-.00008	-.00000	.71883	.00071	.00008	.00261	.02124
#2	-.00005	.00003	.70042	.00074	.00006	.00199	.02098
#3	-.00006	.00011	.71838	.00044	.00018	.00212	.02119

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00475	.21570	.00226	.00038	286.05	.00015	.05573
Stddev	.00003	.02505	.00059	.00022	1.93	.00013	.00022
%RSD	.73379	11.613	26.135	58.037	.67614	90.413	.39135

#1	.00471	.24440	.00268	.00044	284.31	.00003	.05548
#2	.00474	.20448	.00159	.00014	288.14	.00013	.05587
#3	.00478	.19822	.00253	.00057	285.71	.00029	.05584

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06160	.00063	.02219	.05492	.03649	-.00133	-.00031
Stddev	.01824	.00013	.01438	.00146	.00064	.00045	.00129
%RSD	29.605	20.235	64.778	2.6669	1.7618	34.162	415.00

#1	.05882	.00072	.00680	.05643	.03648	-.00185	-.00012
#2	.08107	.00069	.02451	.05350	.03586	-.00112	-.00168
#3	.04492	.00049	.03527	.05484	.03714	-.00102	.00087

Sample Name: K2508-08 Acquired: 4/22/2019 20:57:38 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-DEBRIS- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00287	.0297	.00241	10.744	F<.00000
Stddev	.00092	.0018	.00007	.301	1.2120
%RSD	32.161	6.037	3.0680	2.8058	7.3861

#1	-.00185	.0305	.00245	11.091	-17.805
#2	-.00364	.0309	.00233	10.541	-15.808
#3	-.00312	.0277	.00246	10.602	-15.616

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4382.1	58148.	6138.5	73.290	4528.8
Stddev	5.4	195.	9.3	2.003	8.6
%RSD	.12262	.33551	.15120	2.7324	.18983

#1	4376.6	57923.	6135.0	72.932	4537.4
#2	4382.4	58245.	6149.0	75.448	4520.2
#3	4387.4	58275.	6131.5	71.491	4528.9

Sample Name: K2508-10 Acquired: 4/22/2019 21:02:14 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL-220-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00223	-.00013	.00005	.00573	-.00016	-.02393	.00065	-.00002
Stddev	.00081	.00093	.00042	.00036	.00028	.00522	.00020	.00003
%RSD	36.163	744.32	826.34	6.2431	175.81	21.817	31.239	138.25

#1	-.00315	-.00023	.00011	.00539	-.00047	-.01885	.00088	-.00001
#2	-.00182	.00085	.00043	.00571	-.00005	-.02366	.00052	-.00005
#3	-.00170	-.00100	-.00039	.00610	.00005	-.02928	.00054	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.06871	.00042	.00005	.00151	.02068	.00055	.00503
Stddev	.00004	.01255	.00030	.00001	.00005	.00019	.00006	.01243
%RSD	205.71	18.263	72.865	15.697	3.0973	.93251	11.338	247.28

#1	.00001	.07157	.00061	.00004	.00156	.02048	.00060	-.00139
#2	-.00006	.05498	.00058	.00006	.00149	.02069	.00058	.01935
#3	-.00000	.07958	.00007	.00005	.00147	.02087	.00048	-.00289

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00150	.00058	.13994	.00014	.02656	-.00579	.00029	.01196
Stddev	.00025	.00007	.00346	.00022	.00008	.00652	.00017	.01279
%RSD	16.439	11.747	2.4747	156.21	.30346	112.57	59.306	106.96

#1	.00177	.00065	.14322	-.00004	.02650	-.00323	.00014	.00594
#2	.00143	.00057	.13632	.00038	.02665	-.01320	.00024	.00329
#3	.00130	.00051	.14026	.00008	.02653	-.00094	.00047	.02665

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4006	.00300	-.00156	-.00151	-.00574	.0188	-.00019	6.9811
Stddev	.0059	.00192	.00038	.00108	.00055	.0001	.00005	.3151
%RSD	.42308	64.161	24.349	71.737	9.5289	.7801	27.982	4.5132

#1	1.3955	.00298	-.00123	-.00046	-.00625	.0189	-.00023	6.6180
#2	1.4071	.00493	-.00198	-.00145	-.00580	.0186	-.00013	7.1830
#3	1.3992	.00109	-.00148	-.00262	-.00516	.0189	-.00020	7.1422

Sample Name: K2508-10 Acquired: 4/22/2019 21:02:14 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OIL-220-3 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.0494
 Stddev 4.2336
 %RSD 104.55

#1 6.7375
 #2 -0.83080
 #3 6.2414

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4779.3	63819.	6230.2	76.022	5371.2
Stddev	12.2	350.	61.4	.474	7.1
%RSD	.25597	.54886	.98603	.62305	.13126

#1	4765.6	63459.	6165.1	75.507	5368.0
#2	4783.1	63838.	6238.6	76.120	5366.3
#3	4789.1	64159.	6287.1	76.439	5379.3

Sample Name: K2510-02 Acquired: 4/22/2019 21:06:42 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-PILE-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00121	-.00141	.00376	.00300	-.00150	.40077	.10204
Stddev	.00186	.00064	.00090	.00095	.00105	.01405	.00040
%RSD	153.54	45.580	23.916	31.802	70.168	3.5069	.39623

#1	-.00308	-.00213	.00370	.00239	-.00271	.41652	.10250
#2	-.00122	-.00125	.00469	.00251	-.00081	.39628	.10175
#3	.00065	-.00087	.00289	.00410	-.00098	.38952	.10186

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00003	40.246	.00029	.00905	.00334	1.0569
Stddev	.00009	.00001	.103	.00030	.00034	.00029	.0053
%RSD	106.46	47.909	.25713	103.89	3.7866	8.5885	.49722

#1	.00014	.00003	40.149	-.00001	.00944	.00314	1.0630
#2	-.00002	.00002	40.355	.00029	.00880	.00321	1.0541
#3	.00014	.00005	40.235	.00059	.00891	.00367	1.0537

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94901	4.9176	.00295	.00047	258.07	.00180	.02802
Stddev	.00015	.0800	.00041	.00039	5.18	.00045	.00021
%RSD	.01536	1.6263	13.986	83.103	2.0062	24.947	.75614

#1	.94908	5.0016	.00334	.00005	264.03	.00204	.02827
#2	.94911	4.9088	.00252	.00083	255.57	.00208	.02787
#3	.94884	4.8424	.00298	.00055	254.62	.00128	.02794

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0149	.00035	.01815	.51076	1.1089	.00013	.01446
Stddev	.0157	.00011	.01656	.00538	.0012	.00028	.00392
%RSD	1.5432	32.205	91.233	1.0527	.11096	209.56	27.117

#1	.99736	.00041	.02414	.51654	1.1079	.00046	.01220
#2	1.0275	.00041	.03090	.50591	1.1086	-.00000	.01219
#3	1.0198	.00022	-.00057	.50984	1.1103	-.00005	.01899

Sample Name: K2510-02 Acquired: 4/22/2019 21:06:42 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL-PILE-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00113	.0061	.22535	11.000	F<.00000
Stddev	.00090	.0006	.00023	.072	4.7042
%RSD	79.688	9.302	.10009	.65435	12.841

#1	-.00032	.0061	.22535	10.997	-41.688
#2	-.00210	.0067	.22557	11.073	-32.382
#3	-.00096	.0055	.22512	10.929	-35.834

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4373.8	57642.	6033.2	71.741	4479.6
Stddev	15.9	75.	18.2	.385	22.8
%RSD	.36449	.13067	.30181	.53640	.50810

#1	4364.1	57613.	6046.2	72.179	4456.8
#2	4365.1	57585.	6012.4	71.456	4479.8
#3	4392.2	57727.	6041.0	71.590	4502.3

Sample Name: K2510-04 Acquired: 4/22/2019 21:11:15 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL-PILE-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	-.00024	.00300	.00493	-.00119	.43599	.09938
Stddev	.00171	.00086	.00050	.00237	.00037	.00880	.00033
%RSD	463.59	361.04	16.516	48.040	30.878	2.0194	.33170

#1	.00233	-.00091	.00354	.00663	-.00091	.43426	.09905
#2	-.00084	-.00052	.00257	.00223	-.00160	.42818	.09939
#3	-.00038	.00073	.00289	.00594	-.00104	.44553	.09971

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00001	38.239	.00073	.00867	.00454	1.0583
Stddev	.00005	.00004	.102	.00030	.00021	.00010	.0047
%RSD	146.95	442.46	.26804	40.272	2.3872	2.2242	.44600

#1	.00005	.00005	38.121	.00044	.00845	.00462	1.0546
#2	-.00002	.00001	38.290	.00072	.00869	.00458	1.0636
#3	.00007	-.00003	38.305	.00103	.00886	.00443	1.0568

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66335	4.7749	.00290	.00048	260.84	.00200	.03446
Stddev	.00166	.0809	.00031	.00040	1.70	.00010	.00022
%RSD	.25086	1.6945	10.711	82.376	.65341	5.1835	.63863

#1	.66185	4.6865	.00291	.00039	261.37	.00194	.03471
#2	.66514	4.7929	.00258	.00091	258.93	.00194	.03438
#3	.66306	4.8452	.00320	.00013	262.21	.00212	.03430

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0603	.00017	.02322	.44120	1.0724	-.00012	.01375
Stddev	.0336	.00030	.00524	.00099	.0027	.00103	.00058
%RSD	3.1669	176.52	22.551	.22424	.24876	878.26	4.1927

#1	1.0234	.00022	.02441	.44234	1.0695	.00076	.01364
#2	1.0891	-.00015	.02776	.44065	1.0747	-.00126	.01437
#3	1.0684	.00045	.01749	.44061	1.0731	.00014	.01324

Sample Name: K2510-04 Acquired: 4/22/2019 21:11:15 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL-PILE-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00186	.0033	.21940	10.709	F<.00000
Stddev	.00114	.0010	.00056	.039	3.8020
%RSD	61.277	29.16	.25522	.36786	11.828

#1	.00179	.0043	.21878	10.664	-31.773
#2	.00076	.0033	.21987	10.726	-28.540
#3	.00304	.0024	.21954	10.737	-36.117

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4406.0	58100.	6138.2	72.157	4507.5
Stddev	7.2	41.	30.1	1.297	2.4
%RSD	.16429	.07134	.48988	1.7971	.05335

#1	4401.8	58075.	6118.1	71.186	4504.9
#2	4401.9	58077.	6172.8	73.630	4509.7
#3	4414.4	58148.	6123.7	71.655	4508.0

Sample Name: K2513-01 Acquired: 4/22/2019 21:15:48 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-14(9-11)- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00077	-.00057	.07254	.00513	-.00023	-.03659	.17397
Stddev	.00105	.00101	.00055	.00126	.00052	.00400	.00039
%RSD	136.49	178.85	.76245	24.549	230.04	10.929	.22436

#1	.00150	-.00145	.07198	.00491	-.00082	-.03198	.17353
#2	.00125	-.00077	.07256	.00648	.00016	-.03903	.17427
#3	-.00043	.00053	.07309	.00400	-.00002	-.03878	.17412

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	-.00043	137.69	-.00112	.04759	-.00103	11.155
Stddev	.00005	.00008	.43	.00051	.00034	.00025	.011
%RSD	20.008	19.114	.30949	45.107	.71696	23.885	.09990

#1	.00019	-.00041	137.63	-.00074	.04720	-.00116	11.162
#2	.00029	-.00036	137.30	-.00170	.04773	-.00075	11.142
#3	.00027	-.00052	138.14	-.00093	.04783	-.00118	11.160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0520	3.0431	.08580	.00035	273.37	.00016	.45744
Stddev	.0004	.0209	.00032	.00022	2.19	.00019	.00074
%RSD	.04051	.68616	.37636	63.015	.80266	117.35	.16207

#1	1.0515	3.0580	.08616	.00013	271.74	-.00004	.45659
#2	1.0523	3.0192	.08572	.00035	272.52	.00034	.45798
#3	1.0522	3.0520	.08553	.00057	275.87	.00019	.45773

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5879	.00080	.05310	5.2059	.80606	-.00158	-.00443
Stddev	.0295	.00015	.01326	.0130	.00591	.00049	.00131
%RSD	1.8565	18.813	24.977	.24868	.73287	31.241	29.642

#1	1.5580	.00075	.05867	5.2014	.81089	-.00105	-.00594
#2	1.6169	.00068	.06268	5.1958	.79947	-.00202	-.00360
#3	1.5888	.00096	.03796	5.2205	.80781	-.00167	-.00374

Sample Name: K2513-01 Acquired: 4/22/2019 21:15:48 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-14(9-11)- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01234	-.0010	.25492	11.553	F<.00000
Stddev	.00157	.0016	.00091	.347	7.4888
%RSD	12.703	149.2	.35675	3.0035	15.979

#1	.01092	-.0013	.25591	11.845	-52.791
#2	.01207	-.0025	.25412	11.644	-49.357
#3	.01402	.0006	.25474	11.169	-38.449

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4254.1	56500.	5964.5	72.178	4351.0
Stddev	6.1	73.	17.9	.886	1.9
%RSD	.14417	.12957	.30048	1.2278	.04445

#1	4247.8	56573.	5946.3	71.441	4348.8
#2	4254.4	56502.	5982.1	73.161	4352.2
#3	4260.0	56426.	5965.0	71.931	4352.0

Sample Name: K2515-04 Acquired: 4/22/2019 21:20:18 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00145	-.00133	.00100	.00365	-.00092	.13304	.06553
Stddev	.00178	.00041	.00015	.00117	.00050	.00431	.00036
%RSD	122.62	30.663	15.234	31.979	54.000	3.2426	.54549

#1	-.00334	-.00135	.00116	.00500	-.00117	.13575	.06594
#2	.00020	-.00173	.00087	.00298	-.00124	.12807	.06526
#3	-.00122	-.00091	.00096	.00297	-.00035	.13531	.06540

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00004	3.7455	.00045	.00037	.00242	.09934
Stddev	.00003	.00006	.0110	.00026	.00019	.00032	.00045
%RSD	657.50	163.84	.29483	58.366	50.035	13.018	.44976

#1	-.00005	.00008	3.7403	.00029	.00035	.00207	.09900
#2	.00002	.00005	3.7582	.00075	.00057	.00250	.09984
#3	.00001	-.00003	3.7380	.00031	.00020	.00269	.09916

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07235	.59064	.00030	.00042	284.73	.00013	.01664
Stddev	.00015	.01044	.00018	.00006	1.65	.00043	.00003
%RSD	.21217	1.7669	59.290	14.295	.58054	335.44	.19156

#1	.07219	.57861	.00024	.00037	285.29	.00050	.01661
#2	.07249	.59728	.00016	.00049	286.03	.00023	.01667
#3	.07238	.59604	.00050	.00041	282.87	-.00035	.01665

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57179	.00022	.02186	.00967	.31300	-.00068	.00248
Stddev	.01866	.00018	.00951	.00106	.00320	.00023	.00159
%RSD	3.2633	84.122	43.498	10.990	1.0236	33.006	64.015

#1	.56342	.00024	.01748	.01068	.30970	-.00049	.00429
#2	.55878	.00002	.01534	.00856	.31609	-.00063	.00182
#3	.59317	.00038	.03278	.00978	.31321	-.00093	.00133

Sample Name: K2515-04 Acquired: 4/22/2019 21:20:18 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-15 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00123	.0183	.01692	9.9490	F<.00000
Stddev	.00015	.0009	.00017	.1473	4.7548
%RSD	11.916	5.142	1.0174	1.4803	20.578

#1	-.00121	.0175	.01674	9.8718	-21.995
#2	-.00138	.0194	.01709	9.8564	-28.318
#3	-.00109	.0181	.01692	10.119	-19.005

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4429.7	58135.	6109.2	72.883	4551.8
Stddev	8.9	75.	25.2	.331	7.7
%RSD	.20170	.12828	.41217	.45436	.16807

#1	4423.5	58130.	6088.3	73.259	4547.4
#2	4425.6	58063.	6102.1	72.634	4547.3
#3	4439.9	58212.	6137.2	72.757	4560.6

Sample Name: K2515-08 Acquired: 4/22/2019 21:24:54 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00216	-.00096	.00126	.00261	.00029	.20284	.04429
Stddev	.00308	.00052	.00160	.00309	.00198	.00674	.00084
%RSD	142.27	53.987	126.78	118.58	689.86	3.3213	1.9059

#1	-.00059	-.00061	.00287	.00431	-.00019	.20851	.04509
#2	-.00019	-.00072	-.00033	-.00096	.00246	.20460	.04341
#3	-.00571	-.00155	.00125	.00447	-.00141	.19539	.04438

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00003	.57394	.00034	.00034	.00252	.01836
Stddev	.00003	.00002	.00743	.00010	.00025	.00011	.00035
%RSD	353.85	81.678	1.2941	30.084	72.731	4.4194	1.9259

#1	.00002	.00002	.56947	.00026	.00048	.00256	.01820
#2	-.00003	.00001	.58251	.00045	.00048	.00239	.01877
#3	.00004	.00005	.56983	.00029	.00005	.00261	.01811

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04259	.12747	.00190	.00071	318.66	.00006	.01419
Stddev	.00016	.01685	.00016	.00051	1.35	.00025	.00018
%RSD	.38095	13.216	8.2577	71.883	.42286	425.59	1.2444

#1	.04256	.11075	.00193	.00019	319.48	-.00020	.01434
#2	.04245	.12722	.00205	.00122	319.38	.00031	.01423
#3	.04277	.14444	.00173	.00072	317.10	.00006	.01400

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29249	.00043	.01203	.00930	.15501	-.00095	.00079
Stddev	.04282	.00004	.01104	.00221	.00248	.00108	.00066
%RSD	14.642	9.3599	91.839	23.720	1.6000	113.24	83.858

#1	.32702	.00041	.01093	.00713	.15457	-.00082	.00136
#2	.30587	.00040	.00157	.00923	.15278	-.00209	.00006
#3	.24457	.00047	.02358	.01153	.15768	.00005	.00094

Sample Name: K2515-08 Acquired: 4/22/2019 21:24:54 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-10 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.0001	.00378	10.807	F<.00000
Stddev	.00120	.0012	.00009	.420	3.8460
%RSD	766.04	2153.	2.4225	3.8874	20.411
#1	-.00106	-.0003	.00381	11.155	-22.127
#2	-.00061	-.0009	.00385	10.926	-19.789
#3	.00120	.0014	.00367	10.341	-14.611
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4363.3	57317.	6040.9	72.108	4444.3
Stddev	2.8	98.	6.9	.624	3.4
%RSD	.06426	.17092	.11439	.86470	.07727
#1	4365.1	57216.	6046.3	71.948	4448.0
#2	4360.1	57412.	6033.1	72.795	4441.2
#3	4364.8	57321.	6043.3	71.580	4443.6

Sample Name: K2515-12 Acquired: 4/22/2019 21:29:31 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00375	-.00053	.00122	.00479	-.00027	.11987	.06806
Stddev	.00254	.00046	.00057	.00141	.00074	.00584	.00085
%RSD	67.662	87.276	46.786	29.426	274.28	4.8679	1.2536

#1	-.00120	-.00030	.00187	.00448	-.00041	.11410	.06738
#2	-.00378	-.00106	.00100	.00356	.00053	.12577	.06902
#3	-.00628	-.00023	.00079	.00633	-.00094	.11975	.06780

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00006	2.4643	.00087	.00014	.00036	.06405
Stddev	.00002	.00003	.0067	.00044	.00013	.00040	.00093
%RSD	2101.4	41.159	.27387	50.654	87.305	113.03	1.4595

#1	.00002	.00005	2.4629	.00106	.00004	.00066	.06503
#2	-.00001	.00005	2.4583	.00036	.00028	.00051	.06395
#3	-.00001	.00009	2.4716	.00118	.00011	-.00010	.06317

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03133	.35225	.00092	.00069	271.35	-.00009	.01258
Stddev	.00001	.01319	.00022	.00054	.84	.00036	.00007
%RSD	.02479	3.7444	24.139	78.287	.31011	424.08	.57005

#1	.03134	.35648	.00067	.00055	271.12	-.00008	.01264
#2	.03132	.33746	.00103	.00129	272.28	.00027	.01250
#3	.03133	.36280	.00107	.00024	270.65	-.00045	.01260

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74355	.00049	.01987	.02225	.27166	-.00045	.00246
Stddev	.01809	.00013	.01224	.00257	.00315	.00028	.00196
%RSD	2.4326	26.683	61.608	11.542	1.1583	62.110	79.868

#1	.73284	.00064	.03393	.02330	.27237	-.00031	.00465
#2	.76443	.00040	.01154	.01932	.27439	-.00027	.00187
#3	.73337	.00043	.01415	.02413	.26822	-.00077	.00086

Sample Name: K2515-12 Acquired: 4/22/2019 21:29:31 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-9 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00072	.0129	.01742	10.098	F<.00000
Stddev	.00256	.0004	.00005	.456	1.8144
%RSD	354.00	2.775	.27364	4.5126	10.681

#1	-.00110	.0133	.01747	9.5726	-18.788
#2	-.00308	.0127	.01737	10.344	-17.015
#3	.00201	.0127	.01743	10.378	-15.160

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4441.4	58089.	6108.3	72.683	4562.8
Stddev	10.9	49.	66.4	.783	12.8
%RSD	.24539	.08454	1.0876	1.0768	.28048

#1	4431.1	58123.	6031.8	71.798	4549.2
#2	4440.3	58110.	6151.2	73.284	4564.5
#3	4452.8	58032.	6142.0	72.966	4574.6

Sample Name: K2515-16 Acquired: 4/22/2019 21:34:07 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-12 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00181	-.00052	.00081	.00253	-.00150	.53358	.06655
Stddev	.00131	.00129	.00081	.00139	.00056	.01333	.00065
%RSD	72.229	248.75	100.06	54.891	37.162	2.4988	.98391

#1	-.00242	-.00167	.00155	.00310	-.00203	.51828	.06589
#2	-.00271	.00087	.00095	.00095	-.00156	.53971	.06658
#3	-.00031	-.00076	-.00006	.00354	-.00092	.54275	.06719

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00000	1.0860	.00112	.00043	.00307	.35080
Stddev	.00009	.00002	.0153	.00020	.00022	.00030	.00324
%RSD	121.38	717.14	1.4039	17.968	50.408	9.6232	.92227

#1	.00017	-.00000	1.0831	.00097	.00020	.00293	.35254
#2	.00004	-.00003	1.1025	.00103	.00047	.00288	.34707
#3	.00001	.00002	1.0725	.00135	.00063	.00341	.35279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07197	.18437	.00188	.00085	301.44	.00058	.01667
Stddev	.00039	.05633	.00037	.00029	2.69	.00039	.00007
%RSD	.54702	30.550	19.401	34.015	.89374	66.869	.44958

#1	.07233	.17423	.00224	.00073	303.18	.00086	.01663
#2	.07155	.24508	.00189	.00118	302.82	.00073	.01676
#3	.07205	.13381	.00151	.00064	298.34	.00014	.01663

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57240	.00028	.02104	.01256	.64359	-.00014	.01600
Stddev	.04819	.00006	.02005	.00149	.02451	.00046	.00349
%RSD	8.4195	21.864	95.308	11.897	3.8090	336.78	21.847

#1	.51814	.00032	.01965	.01202	.66428	.00016	.01217
#2	.58882	.00032	.04175	.01425	.61652	-.00067	.01680
#3	.61023	.00021	.00172	.01141	.64998	.00010	.01902

Sample Name: K2515-16 Acquired: 4/22/2019 21:34:07 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-12 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00093	.0204	.00783	11.242	F<.00000
Stddev	.00126	.0010	.00001	.303	1.5341
%RSD	135.82	4.874	.06789	2.6964	6.1058

#1	-.00153	.0193	.00783	11.355	-26.891
#2	-.00178	.0206	.00783	11.472	-24.118
#3	.00052	.0213	.00784	10.898	-24.366

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4448.4	58751.	6197.8	74.319	4537.6
Stddev	30.1	206.	42.6	.470	22.8
%RSD	.67589	.35080	.68684	.63237	.50140

#1	4478.4	58625.	6167.1	73.795	4557.7
#2	4418.3	58639.	6179.9	74.457	4512.9
#3	4448.5	58989.	6246.4	74.705	4542.2

Sample Name: CCV09 Acquired: 4/22/2019 21:38:42 Type: Unk
Method: P4-ICP2(v3062) 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	4.9756	5.0178	4.9651	4.9596	4.9831	9.3241	9.7156
Stddev	.0051	.0117	.0057	.0101	.0077	.0325	.0335
%RSD	.10253	.23338	.11453	.20265	.15400	.34865	.34498

#1	4.9781	5.0310	4.9714	4.9595	4.9895	9.2866	9.6811
#2	4.9790	5.0087	4.9604	4.9697	4.9851	9.3448	9.7176
#3	4.9697	5.0138	4.9635	4.9496	4.9746	9.3408	9.7480

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24962	2.3790	23.917	.93473	2.4942	1.2240	4.8439
Stddev	.00029	.0017	.114	.00301	.0034	.0023	.0103
%RSD	.11627	.07066	.47849	.32194	.13759	.19129	.21238

#1	.24968	2.3798	23.823	.93270	2.4982	1.2238	4.8393
#2	.24931	2.3801	23.883	.93330	2.4922	1.2264	4.8368
#3	.24988	2.3770	24.044	.93819	2.4922	1.2218	4.8557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5036	24.098	2.4033	1.2060	23.824	2.3338	2.4387
Stddev	.0039	.179	.0015	.0005	.083	.0015	.0029
%RSD	.15616	.74212	.06076	.04039	.34945	.06353	.11871

#1	2.4991	24.079	2.4033	1.2056	23.742	2.3325	2.4421
#2	2.5051	23.929	2.4047	1.2065	23.822	2.3354	2.4371
#3	2.5065	24.285	2.4018	1.2058	23.909	2.3335	2.4370

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.095	4.8464	4.8258	4.6592	F 4.2865	4.6229	4.8473
Stddev	.210	.0044	.0441	.0184	.0039	.0013	.0048
%RSD	.91145	.09104	.91368	.39498	.09074	.02752	.09917

#1	22.917	4.8435	4.7865	4.6494	4.2866	4.6239	4.8503
#2	23.040	4.8515	4.8175	4.6477	4.2903	4.6214	4.8500
#3	23.327	4.8442	4.8735	4.6804	4.2825	4.6233	4.8418

Sample Name: CCV09 Acquired: 4/22/2019 21:38:42 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4042	4.922	4.8473	F 11.042	F<.00000
Stddev	.0139	.022	.0036	.262	7.4526
%RSD	.31474	.4447	.07318	2.3719	202.17

#1	4.4119	4.947	4.8435	10.745	3.7278
#2	4.4125	4.905	4.8506	11.144	-3.6097
#3	4.3882	4.915	4.8479	11.238	-11.177

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4546.6	59811.	6134.1	73.209	4635.8
Stddev	7.9	106.	15.8	1.015	8.9
%RSD	.17391	.17646	.25701	1.3862	.19216

#1	4543.6	59796.	6116.5	74.360	4626.2
#2	4540.7	59923.	6147.0	72.442	4637.3
#3	4555.6	59714.	6138.9	72.825	4643.8

Sample Name: CCB09 Acquired: 4/22/2019 21:42:41 Type: Unk
Method: P4-ICP2(v3062) 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	-.00005	.00170	-.00072	.00198	-.00173	-.02400	.00087
Stddev	.00067	.00098	.00120	.00232	.00097	.00415	.00009
%RSD	1378.6	57.733	165.97	117.12	56.199	17.285	10.137

#1	.00001	.00283	-.00191	.00449	-.00071	-.02672	.00078
#2	-.00075	.00120	.00049	-.00010	-.00265	-.02607	.00095
#3	.00059	.00106	-.00075	.00156	-.00184	-.01923	.00086

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00004	-.01108	.00001	.00018	-.00056	.00060
Stddev	.00007	.00004	.00811	.00017	.00014	.00028	.00090
%RSD	2197.8	98.782	73.170	2033.8	80.384	50.614	150.66

#1	.00006	.00005	-.02024	.00008	.00016	-.00086	.00154
#2	-.00007	.00007	-.00481	-.00019	.00033	-.00031	.00050
#3	-.00000	-.00000	-.00820	.00013	.00005	-.00049	-.00025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.02955	.00075	.00048	-.04162	.00005	.00007
Stddev	.00003	.04493	.00034	.00041	.00259	.00035	.00006
%RSD	93.074	152.04	45.971	85.356	6.2147	760.76	96.538

#1	-.00006	-.07290	.00057	.00003	-.03865	-.00004	.00010
#2	-.00004	.01681	.00114	.00083	-.04287	-.00026	.00011
#3	.00000	-.03256	.00053	.00058	-.04335	.00044	-.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04600	.00080	.01959	F -.03538	-.00225	-.00055	-.00031
Stddev	.00933	.00020	.01181	.00251	.00185	.00070	.00129
%RSD	20.291	24.819	60.271	7.1063	82.419	128.46	421.31

#1	-.05319	.00103	.00756	-.03466	-.00054	-.00131	-.00062
#2	-.04935	.00064	.03116	-.03817	-.00198	.00007	.00111
#3	-.03545	.00074	.02005	-.03330	-.00422	-.00040	-.00141

Sample Name: CCB09 Acquired: 4/22/2019 21:42:41 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00128	-0.0029	-0.00010	F 7.8548	F<.00000
Stddev	.00061	.0003	.00004	.2661	4.4532
%RSD	47.892	11.68	39.901	3.3873	101.45
#1	-0.00198	-0.0026	-0.00006	7.7790	-9.3372
#2	-0.00099	-0.0029	-0.00011	7.6348	-3.1282
#3	-0.00086	-0.0033	-0.00014	8.1505	-7.0286
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4786.5	62694.	6241.1	76.199	5288.9
Stddev	3.7	110.	36.8	.393	6.9
%RSD	.07712	.17500	.58905	.51519	.13093
#1	4782.3	62582.	6227.8	75.773	5281.8
#2	4789.2	62697.	6212.9	76.545	5295.6
#3	4788.1	62802.	6282.7	76.280	5289.4

Sample Name: K2515-20 Acquired: 4/22/2019 21:47:10 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00261	-.00120	.00198	.00334	-.00050	.13879	.06605
Stddev	.00171	.00073	.00079	.00109	.00076	.00486	.00071
%RSD	65.324	60.372	40.049	32.765	152.47	3.4995	1.0679

#1	-.00426	-.00099	.00210	.00343	.00013	.14364	.06568
#2	-.00273	-.00061	.00113	.00220	-.00134	.13880	.06686
#3	-.00085	-.00201	.00271	.00438	-.00028	.13393	.06561

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00012	5.4404	.00047	.00036	.00572	.10939
Stddev	.00004	.00006	.0087	.00021	.00006	.00019	.00153
%RSD	104.31	50.784	.15914	44.186	15.720	3.3831	1.3961

#1	.00005	.00005	5.4305	.00024	.00039	.00580	.10763
#2	.00007	.00016	5.4442	.00054	.00040	.00585	.11025
#3	-.00001	.00014	5.4466	.00063	.00030	.00549	.11030

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07628	1.4835	.00263	.00074	327.80	.00029	.03731
Stddev	.00020	.0112	.00044	.00013	2.64	.00015	.00006
%RSD	.26396	.75735	16.607	17.373	.80527	49.922	.15725

#1	.07612	1.4797	.00232	.00076	326.33	.00037	.03725
#2	.07651	1.4961	.00313	.00085	326.22	.00038	.03732
#3	.07623	1.4747	.00244	.00060	330.84	.00012	.03736

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43084	.00033	.02043	.02090	.42424	-.00039	.00374
Stddev	.01419	.00013	.01046	.00138	.00186	.00050	.00196
%RSD	3.2930	40.131	51.228	6.5950	.43952	128.25	52.472

#1	.42568	.00048	.03204	.02015	.42517	-.00033	.00317
#2	.44688	.00029	.01750	.02249	.42545	.00008	.00592
#3	.41995	.00023	.01174	.02006	.42209	-.00091	.00212

Sample Name: K2515-20 Acquired: 4/22/2019 21:47:10 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-13 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00107	.0214	.01718	10.392	F<.00000
Stddev	.00161	.0010	.00002	.051	4.9064
%RSD	150.80	4.716	.14163	.49341	22.805

#1	-.00293	.0221	.01719	10.346	-25.673
#2	-.00001	.0220	.01716	10.447	-16.103
#3	-.00027	.0203	.01720	10.383	-22.767

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4424.6	58003.	6119.1	73.926	4520.1
Stddev	5.9	255.	23.4	1.932	5.7
%RSD	.13389	.44022	.38178	2.6130	.12666

#1	4430.8	58073.	6113.3	72.550	4526.7
#2	4424.1	57719.	6144.8	76.134	4517.4
#3	4419.0	58215.	6099.1	73.093	4516.2

Sample Name: K2515-24 Acquired: 4/22/2019 21:51:46 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00248	-.00050	.00105	.00294	-.00024	.23801	.09556
Stddev	.00343	.00063	.00023	.00082	.00064	.00867	.00086
%RSD	138.47	126.27	21.536	27.706	269.08	3.6415	.90008

#1	-.00522	-.00095	.00080	.00368	-.00096	.24689	.09493
#2	-.00358	.00022	.00112	.00308	.00001	.23756	.09654
#3	.00137	-.00077	.00124	.00207	.00024	.22957	.09522

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00005	1.2739	.00114	.00040	.00096	.15979
Stddev	.00004	.00003	.0145	.00037	.00003	.00036	.00097
%RSD	42.074	51.580	1.1399	32.434	7.6975	37.748	.60763

#1	.00007	.00004	1.2865	.00148	.00036	.00072	.15869
#2	.00007	.00003	1.2772	.00075	.00042	.00077	.16052
#3	.00014	.00008	1.2580	.00120	.00040	.00137	.16016

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06832	.24042	.00162	.00029	285.77	.00049	.03139
Stddev	.00025	.01003	.00041	.00008	2.17	.00015	.00007
%RSD	.36834	4.1708	25.390	28.353	.75845	29.990	.21950

#1	.06803	.25189	.00166	.00035	285.91	.00040	.03139
#2	.06849	.23611	.00202	.00033	287.87	.00066	.03146
#3	.06845	.23328	.00120	.00020	283.54	.00041	.03132

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45960	.00020	.01900	.08276	.33487	-.00033	.00597
Stddev	.01770	.00014	.00272	.00036	.00922	.00009	.00072
%RSD	3.8505	66.736	14.306	.43675	2.7527	26.646	12.037

#1	.45001	.00023	.01718	.08235	.33179	-.00039	.00623
#2	.44877	.00006	.01770	.08302	.34523	-.00023	.00516
#3	.48003	.00032	.02213	.08293	.32758	-.00037	.00653

Sample Name: K2515-24 Acquired: 4/22/2019 21:51:46 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-16 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00272	.0095	.00730	10.742	F<.00000
Stddev	.00079	.0010	.00008	.283	1.8745
%RSD	29.186	10.99	1.0536	2.6373	9.4541
#1	-.00335	.0083	.00728	10.752	-21.876
#2	-.00183	.0099	.00739	10.454	-18.199
#3	-.00298	.0103	.00725	11.020	-19.405
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4421.8	57872.	6093.4	74.473	4528.7
Stddev	7.4	134.	19.0	1.114	3.2
%RSD	.16656	.23194	.31151	1.4960	.06992
#1	4416.4	57817.	6079.8	75.666	4528.8
#2	4418.9	57775.	6115.1	74.295	4525.5
#3	4430.2	58025.	6085.4	73.459	4531.9

Sample Name: K2515-24DUP Acquired: 4/22/2019 21:56:22 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-16DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00320	-.00065	.00124	.00381	-.00120	.23712	.09332
Stddev	.00192	.00091	.00013	.00095	.00137	.00771	.00050
%RSD	59.940	139.91	10.462	24.911	113.97	3.2502	.53836

#1	-.00511	.00010	.00137	.00313	-.00003	.22842	.09340
#2	-.00322	-.00038	.00122	.00489	-.00087	.24309	.09278
#3	-.00127	-.00167	.00112	.00340	-.00271	.23984	.09377

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00004	1.2656	.00188	.00030	.00079	.15957
Stddev	.00004	.00003	.0094	.00028	.00021	.00031	.00047
%RSD	87.310	89.827	.74418	14.964	69.103	39.384	.29148

#1	.00010	.00002	1.2637	.00190	.00013	.00113	.15993
#2	.00001	.00002	1.2573	.00214	.00025	.00053	.15904
#3	.00004	.00008	1.2758	.00158	.00053	.00070	.15974

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06777	.22160	.00189	.00050	280.31	.00025	.03122
Stddev	.00004	.01576	.00027	.00048	2.30	.00012	.00011
%RSD	.05545	7.1132	14.088	96.337	.82044	49.038	.34285

#1	.06781	.22445	.00180	.00081	281.64	.00019	.03126
#2	.06777	.23575	.00219	.00074	281.64	.00039	.03109
#3	.06773	.20461	.00169	-.00005	277.66	.00017	.03129

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47212	.00012	.03259	.08954	.33176	-.00055	.00458
Stddev	.00880	.00016	.00332	.00221	.00447	.00025	.00078
%RSD	1.8635	130.32	10.200	2.4732	1.3481	45.087	17.099

#1	.48194	.00001	.02889	.09138	.33546	-.00048	.00394
#2	.46947	.00031	.03357	.09014	.32679	-.00083	.00545
#3	.46495	.00005	.03532	.08708	.33304	-.00034	.00435

Sample Name: K2515-24DUP Acquired: 4/22/2019 21:56:22 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-16DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00101	.0111	.00720	10.823	F<.00000
Stddev	.00082	.0002	.00004	.038	5.3001
%RSD	80.927	1.431	.58081	.34823	21.520

#1	-.00020	.0111	.00717	10.791	-25.833
#2	-.00101	.0110	.00720	10.812	-18.829
#3	-.00184	.0113	.00725	10.865	-29.222

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4456.3	58149.	6122.8	73.321	4555.2
Stddev	13.7	190.	28.8	1.571	9.4
%RSD	.30745	.32697	.47021	2.1420	.20529

#1	4440.8	57930.	6092.2	73.305	4549.0
#2	4466.6	58250.	6126.6	71.759	4565.9
#3	4461.6	58268.	6149.4	74.900	4550.6

Sample Name: K2515-24LX5 Acquired: 4/22/2019 22:00:58 Type: Unk
Method: P4-ICP2(v3062) 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	-.00152	-.00032	-.00006	.00209	-.00029	.04023	.01948
Stddev	.00056	.00035	.00044	.00228	.00080	.01020	.00077
%RSD	36.590	109.63	681.06	109.37	279.44	25.357	3.9287

#1	-.00145	-.00059	-.00017	-.00043	-.00113	.04237	.01891
#2	-.00101	-.00046	.00042	.00401	.00046	.02913	.02035
#3	-.00211	.00008	-.00044	.00268	-.00019	.04919	.01917

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00003	.26542	.00031	.00012	-.00024	.03311
Stddev	.00003	.00004	.00222	.00020	.00012	.00037	.00084
%RSD	163.51	141.13	.83751	65.464	100.58	152.20	2.5419

#1	-.00000	.00001	.26550	.00041	.00007	.00015	.03306
#2	.00001	.00000	.26316	.00008	.00003	-.00058	.03230
#3	.00005	.00008	.26761	.00044	.00027	-.00029	.03398

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01400	.03256	.00006	.00085	58.499	.00010	.00631
Stddev	.00007	.05607	.00019	.00014	.406	.00050	.00014
%RSD	.50614	172.22	292.32	16.613	.69351	509.35	2.2910

#1	.01399	-.02149	-.00015	.00071	58.744	-.00048	.00619
#2	.01393	.02871	.00013	.00085	58.723	.00032	.00647
#3	.01407	.09046	.00021	.00100	58.031	.00045	.00627

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08031	.00027	.00474	-.01168	.06837	-.00089	.00092
Stddev	.01673	.00009	.01655	.00159	.00332	.00062	.00150
%RSD	20.829	33.145	349.34	13.591	4.8518	69.502	162.33

#1	.06338	.00017	-.00434	-.01322	.06964	-.00086	.00138
#2	.09683	.00034	-.00528	-.01177	.06460	-.00153	-.00075
#3	.08071	.00029	.02384	-.01005	.07085	-.00029	.00214

Sample Name: K2515-24LX5 Acquired: 4/22/2019 22:00:58 Type: Unk
Method: P4-ICP2(v3062) 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	-.00168	-.0011	.00136	9.0591	F<.00000
Stddev	.00175	.0003	.00005	.2568	2.7700
%RSD	104.16	30.78	3.3297	2.8347	22.563

#1	-.00340	-.0012	.00136	9.3182	-13.171
#2	.00009	-.0007	.00131	9.0544	-9.1695
#3	-.00172	-.0013	.00140	8.8047	-14.488

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4612.3	60191.	6163.5	72.722	4873.1
Stddev	13.0	289.	10.4	1.012	17.3
%RSD	.28245	.48051	.16851	1.3914	.35447

#1	4615.8	59909.	6155.4	73.855	4883.3
#2	4597.9	60178.	6175.2	71.906	4853.2
#3	4623.3	60487.	6159.7	72.406	4882.8

Sample Name: K2515-24MS Acquired: 4/22/2019 22:05:27 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-16MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74404	1.8160	.92307	1.9068	.74087	2.0755	.29033
Stddev	.00242	.0096	.00288	.0031	.00321	.0104	.00110
%RSD	.32499	.52668	.31230	.16270	.43311	.50324	.37729

#1	.74519	1.8098	.91994	1.9050	.74235	2.0771	.29150
#2	.74126	1.8113	.92366	1.9104	.73719	2.0851	.29015
#3	.74566	1.8270	.92562	1.9051	.74307	2.0644	.28933

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18920	.18315	2.2674	.36878	.19384	.28316	3.0081
Stddev	.00051	.00061	.0061	.00051	.00046	.00116	.0034
%RSD	.26750	.33310	.26793	.13721	.23559	.41131	.11297

#1	.18900	.18261	2.2674	.36903	.19420	.28219	3.0042
#2	.18977	.18302	2.2614	.36820	.19333	.28283	3.0101
#3	.18882	.18381	2.2735	.36911	.19399	.28445	3.0101

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26364	2.1085	.46616	.06629	298.55	.27999	.21767
Stddev	.00028	.0439	.00123	.00015	1.69	.00093	.00060
%RSD	.10527	2.0806	.26351	.23070	.56765	.33388	.27342

#1	.26342	2.0911	.46504	.06632	296.66	.27904	.21714
#2	.26356	2.0759	.46596	.06642	299.08	.28003	.21757
#3	.26395	2.1584	.46747	.06612	299.93	.28091	.21831

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7150	.38057	.30904	.07684	1.1288	.62307	.20371
Stddev	.0806	.00114	.01353	.00257	.0120	.00233	.00758
%RSD	.83001	.29861	4.3781	3.3481	1.0594	.37458	3.7195

#1	9.7858	.38025	.29618	.07473	1.1287	.62108	.19831
#2	9.7320	.37963	.32315	.07971	1.1169	.62250	.21237
#3	9.6273	.38183	.30779	.07610	1.1409	.62564	.20045

Sample Name: K2515-24MS Acquired: 4/22/2019 22:05:27 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-16MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16615	5.445	.18698	10.488	F<.00000
Stddev	.00179	.010	.00062	.095	8.0151
%RSD	1.0789	.1825	.33033	.90455	57.100

#1	.16777	5.443	.18766	10.542	-12.980
#2	.16423	5.437	.18645	10.544	-22.528
#3	.16646	5.456	.18684	10.378	-6.6029

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4446.6	57786.	6044.5	72.779	4531.2
Stddev	7.0	64.	19.0	.576	6.6
%RSD	.15718	.10997	.31427	.79171	.14519

#1	4441.2	57782.	6053.7	73.350	4529.0
#2	4454.5	57725.	6057.0	72.789	4538.6
#3	4444.1	57852.	6022.6	72.198	4526.0

Sample Name: K2515-24MSD Acquired: 4/22/2019 22:09:42 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-16MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73793	1.8060	.92206	1.8987	.73498	2.0634	.28756
Stddev	.00330	.0072	.00013	.0131	.00619	.0253	.00115
%RSD	.44739	.40034	.01436	.68777	.84175	1.2242	.39963

#1	.74174	1.8092	.92221	1.9067	.74073	2.0563	.28627
#2	.73619	1.7977	.92196	1.8836	.72843	2.0915	.28849
#3	.73587	1.8110	.92201	1.9057	.73579	2.0425	.28791

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18763	.18229	2.2585	.36539	.19280	.28115	2.9840
Stddev	.00040	.00030	.0161	.00083	.00064	.00173	.0111
%RSD	.21413	.16229	.71220	.22837	.33097	.61521	.37074

#1	.18741	.18251	2.2520	.36523	.19346	.28256	2.9818
#2	.18810	.18196	2.2768	.36629	.19219	.27922	2.9960
#3	.18739	.18242	2.2466	.36465	.19275	.28166	2.9742

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26252	2.1261	.46378	.06494	297.55	.27761	.21647
Stddev	.00065	.0094	.00209	.00042	1.02	.00145	.00078
%RSD	.24930	.44153	.45002	.64533	.34134	.52183	.35991

#1	.26224	2.1291	.46488	.06498	296.63	.27709	.21685
#2	.26327	2.1336	.46138	.06534	298.64	.27924	.21557
#3	.26205	2.1156	.46510	.06450	297.39	.27649	.21698

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6625	.37808	.30630	.07897	1.1194	.62208	.19682
Stddev	.0509	.00047	.00689	.00323	.0116	.00139	.00201
%RSD	.52660	.12414	2.2495	4.0904	1.0326	.22403	1.0207

#1	9.6046	.37824	.30250	.07726	1.1304	.62068	.19454
#2	9.7000	.37755	.30215	.07695	1.1206	.62209	.19760
#3	9.6829	.37844	.31426	.08270	1.1074	.62347	.19833

Sample Name: K2515-24MSD Acquired: 4/22/2019 22:09:42 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-16MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16632	5.417	.18668	10.663	F<.00000
Stddev	.00242	.012	.00099	.300	7.3128
%RSD	1.4525	.2243	.53076	2.8130	24.219

#1	.16353	5.427	.18580	10.448	-22.278
#2	.16772	5.404	.18775	11.006	-36.697
#3	.16771	5.422	.18648	10.536	-31.607

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4478.6	58539.	6087.8	73.152	4555.4
Stddev	9.8	182.	20.3	.206	4.4
%RSD	.21916	.31006	.33281	.28214	.09556

#1	4470.6	58406.	6099.7	72.964	4559.1
#2	4489.6	58466.	6064.4	73.373	4556.5
#3	4475.7	58746.	6099.3	73.120	4550.6

Sample Name: K2515-24A Acquired: 4/22/2019 22:13:58 Type: Unk
Method: P4-ICP2(v3062) 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	.73892	1.8018	.91639	1.8982	.73355	2.0648	.28878
Stddev	.00432	.0093	.00246	.0087	.00127	.0050	.00133
%RSD	.58421	.51782	.26885	.45635	.17331	.24410	.45912

#1	.74050	1.7935	.91495	1.8945	.73268	2.0687	.29028
#2	.74223	1.8001	.91498	1.9081	.73297	2.0591	.28777
#3	.73404	1.8119	.91923	1.8920	.73501	2.0665	.28828

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18785	.18199	2.2572	.36722	.19302	.28116	2.9893
Stddev	.00043	.00047	.0128	.00139	.00055	.00050	.0022
%RSD	.22756	.26020	.56540	.37848	.28309	.17845	.07355

#1	.18754	.18189	2.2427	.36854	.19239	.28134	2.9878
#2	.18766	.18157	2.2621	.36577	.19327	.28059	2.9883
#3	.18833	.18250	2.2668	.36734	.19340	.28154	2.9918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26239	2.0715	.46187	.06587	297.74	.27799	.21569
Stddev	.00049	.0306	.00108	.00048	1.29	.00115	.00065
%RSD	.18575	1.4791	.23430	.73068	.43260	.41354	.30268

#1	.26193	2.0627	.46163	.06540	299.14	.27928	.21518
#2	.26290	2.1055	.46093	.06636	297.47	.27707	.21546
#3	.26235	2.0462	.46305	.06584	296.61	.27762	.21642

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6877	.37802	.30252	.07413	1.1429	.61999	.19581
Stddev	.0744	.00084	.02084	.00243	.0079	.00295	.00087
%RSD	.76787	.22254	6.8880	3.2729	.69032	.47586	.44234

#1	9.7721	.37732	.27943	.07135	1.1519	.62039	.19567
#2	9.6592	.37896	.31993	.07525	1.1369	.61687	.19673
#3	9.6317	.37779	.30819	.07580	1.1401	.62273	.19501

Sample Name: K2515-24A Acquired: 4/22/2019 22:13:58 Type: Unk
 Method: P4-ICP2(v3062) 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	.16572	5.408	.18644	10.472	F<.00000
Stddev	.00102	.017	.00058	.266	5.0913
%RSD	.61723	.3191	.31113	2.5377	22.505
#1	.16459	5.392	.18577	10.772	-21.006
#2	.16658	5.407	.18679	10.267	-28.327
#3	.16598	5.426	.18675	10.377	-18.537
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4486.3	58288.	6054.5	72.678	4567.5
Stddev	10.6	185.	45.6	2.355	8.3
%RSD	.23524	.31658	.75286	3.2407	.18228
#1	4475.4	58195.	6095.2	74.698	4558.5
#2	4487.1	58169.	6005.3	70.091	4574.9
#3	4496.5	58501.	6063.1	73.245	4569.0

Sample Name: K2482-02 Acquired: 4/22/2019 22:18:14 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: AU-041819 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00130	.00031	-.00027	.00498	.00039	-.00548	.05533	-.00001
Stddev	.00168	.00049	.00095	.00016	.00073	.00906	.00006	.00002
%RSD	129.70	156.09	350.04	3.2437	184.16	165.35	.11674	204.21

#1	.00061	.00085	-.00111	.00503	.00082	-.01592	.05530	-.00002
#2	-.00195	.00020	-.00047	.00480	.00081	.00028	.05528	.00001
#3	-.00255	-.00011	.00077	.00511	-.00044	-.00079	.05540	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	16.481	.00053	.00070	-.00055	.03917	.11495	1.5110
Stddev	.00003	.079	.00040	.00016	.00029	.00055	.00061	.0397
%RSD	55.194	.48226	75.156	22.991	52.706	1.3967	.52882	2.6268

#1	-.00008	16.409	.00023	.00056	-.00024	.03946	.11566	1.5092
#2	-.00007	16.468	.00098	.00067	-.00060	.03952	.11458	1.5515
#3	-.00002	16.566	.00037	.00088	-.00081	.03854	.11462	1.4722

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00092	.00039	11.240	-.00015	.04087	.66411	.00059	.74556
Stddev	.00037	.00038	.097	.00008	.00038	.01718	.00016	.01251
%RSD	39.831	98.678	.85994	56.453	.92751	2.5873	27.135	1.6784

#1	.00132	.00054	11.131	-.00022	.04117	.64619	.00072	.74202
#2	.00061	.00066	11.274	-.00016	.04100	.66570	.00041	.75946
#3	.00083	-.00005	11.315	-.00006	.04044	.68045	.00062	.73520

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9035	.51342	-.00237	.00011	-.00158	.0012	.08164	7.9930
Stddev	.0389	.00264	.00042	.00180	.00106	.0005	.00027	.0923
%RSD	.99736	.51332	17.749	1684.2	66.921	43.87	.33449	1.1544

#1	3.9287	.51505	-.00225	-.00191	-.00036	.0011	.08183	7.8921
#2	3.9230	.51484	-.00284	.00067	-.00215	.0018	.08133	8.0730
#3	3.8586	.51038	-.00202	.00157	-.00222	.0008	.08177	8.0140

Sample Name: K2482-02 Acquired: 4/22/2019 22:18:14 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: AU-041819 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .88746
 Stddev 6.3297
 %RSD 713.24

#1 -5.4651
 #2 7.1941
 #3 .93338

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4733.5	62413.	6229.9	75.560	5142.3
Stddev	30.7	52.	32.6	1.062	38.7
%RSD	.64802	.08337	.52330	1.4056	.75259

#1	4719.9	62423.	6198.1	76.777	5119.6
#2	4711.9	62460.	6263.3	75.084	5120.3
#3	4768.6	62357.	6228.4	74.819	5187.0

Sample Name: K2516-02 Acquired: 4/22/2019 22:22:37 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P041919 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00090	-.00034	-.00037	.00183	-.00061	.00829	.07284
Stddev	.00107	.00047	.00034	.00224	.00110	.00487	.00074
%RSD	119.04	136.71	90.513	122.23	178.88	58.680	1.0138

#1	-.00197	.00020	-.00000	.00419	-.00185	.01007	.07220
#2	-.00088	-.00061	-.00067	-.00026	-.00023	.00279	.07267
#3	.00016	-.00062	-.00045	.00155	.00024	.01202	.07365

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	-.00002	9.5434	.00143	.00015	-.00025	.02909
Stddev	.00005	.00006	.0274	.00028	.00018	.00032	.00044
%RSD	210.90	350.23	.28723	19.386	121.81	129.30	1.5220

#1	-.00002	-.00007	9.5560	.00128	.00006	-.00027	.02951
#2	.00001	-.00002	9.5119	.00126	.00003	.00008	.02863
#3	.00008	.00004	9.5622	.00175	.00036	-.00056	.02915

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02895	1.3634	.00061	.00025	22.112	.00062	.01808
Stddev	.00012	.0072	.00023	.00030	.014	.00018	.00012
%RSD	.41736	.52528	37.332	120.01	.06428	28.499	.67751

#1	.02903	1.3564	.00046	-.00000	22.107	.00046	.01805
#2	.02901	1.3707	.00087	.00057	22.128	.00081	.01798
#3	.02881	1.3629	.00049	.00017	22.101	.00060	.01822

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6121	.00179	.02654	1.6250	1.0141	-.00190	-.00076
Stddev	.0172	.00014	.00246	.0045	.0014	.00063	.00097
%RSD	1.0660	7.8731	9.2550	.27511	.14166	33.061	128.13

#1	1.6318	.00193	.02904	1.6266	1.0143	-.00218	-.00136
#2	1.5998	.00165	.02647	1.6199	1.0154	-.00233	-.00127
#3	1.6048	.00180	.02412	1.6284	1.0125	-.00118	.00036

Sample Name: K2516-02 Acquired: 4/22/2019 22:22:37 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: P041919 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00309	.0082	.05082	7.2391	F<.00000
Stddev	.00120	.0012	.00012	.2592	4.5841
%RSD	38.895	14.04	.23728	3.5807	137.49

#1	-.00179	.0086	.05068	7.4852	-5.7050
#2	-.00416	.0091	.05089	7.2634	1.9498
#3	-.00333	.0069	.05089	6.9685	-6.2472

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4744.7	62190.	6252.3	77.634	5144.0
Stddev	13.0	48.	29.5	1.439	4.1
%RSD	.27358	.07692	.47201	1.8534	.07898

#1	4753.9	62192.	6241.5	79.071	5147.4
#2	4750.3	62141.	6229.7	77.638	5144.9
#3	4729.8	62237.	6285.7	76.193	5139.5

Sample Name: K2516-02DUP Acquired: 4/22/2019 22:27:02 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P041919DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	.00024	-.00053	.00324	.00057	.00808	.07339
Stddev	.00026	.00076	.00038	.00143	.00141	.00528	.00111
%RSD	16.565	318.08	71.603	44.060	249.83	65.287	1.5178

#1	-.00134	-.00062	-.00047	.00402	-.00105	.00362	.07213
#2	-.00151	.00082	-.00019	.00410	.00117	.00672	.07380
#3	-.00185	.00052	-.00094	.00159	.00157	.01391	.07424

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00006	9.6890	.00134	.00009	.00002	.02911
Stddev	.00003	.00003	.0089	.00037	.00009	.00015	.00001
%RSD	81.475	49.357	.09173	27.665	92.293	897.06	.02597

#1	-.00006	-.00007	9.6892	.00107	.00008	.00019	.02910
#2	-.00000	-.00002	9.6978	.00120	.00001	-.00008	.02912
#3	-.00006	-.00007	9.6800	.00177	.00019	-.00006	.02911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02942	1.4171	.00080	.00041	22.317	.00073	.01447
Stddev	.00016	.0390	.00023	.00021	.136	.00021	.00002
%RSD	.54092	2.7539	28.499	52.211	.61073	28.668	.11762

#1	.02937	1.3753	.00105	.00051	22.283	.00073	.01449
#2	.02929	1.4525	.00074	.00016	22.467	.00053	.01447
#3	.02960	1.4236	.00060	.00055	22.201	.00095	.01445

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6236	.00183	.04850	1.6507	1.0278	-.00165	-.00022
Stddev	.0015	.00020	.00739	.0141	.0033	.00010	.00054
%RSD	.09238	10.803	15.234	.85292	.32301	6.3465	251.01

#1	1.6252	.00202	.04389	1.6360	1.0248	-.00157	-.00011
#2	1.6233	.00184	.05702	1.6521	1.0272	-.00161	.00026
#3	1.6223	.00162	.04459	1.6641	1.0314	-.00176	-.00080

Sample Name: K2516-02DUP Acquired: 4/22/2019 22:27:02 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P041919DUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00275	.0066	.05155	7.7107	F<.00000
Stddev	.00035	.0006	.00021	.3804	1.3410
%RSD	12.851	9.680	.41593	4.9329	22.386

#1	-.00282	.0060	.05155	7.9598	-7.4903
#2	-.00237	.0073	.05133	7.2729	-4.9076
#3	-.00306	.0064	.05176	7.8995	-5.5727

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4708.6	61634.	6159.1	75.193	5099.1
Stddev	6.8	292.	20.2	.812	5.1
%RSD	.14508	.47431	.32778	1.0795	.09914

#1	4705.8	61611.	6148.6	74.661	5099.2
#2	4716.4	61354.	6146.4	74.791	5104.0
#3	4703.6	61937.	6182.4	76.128	5093.9

Sample Name: CCV10 Acquired: 4/22/2019 22:31:27 Type: Unk
Method: P4-ICP2(v3062) 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	4.9017	4.9787	4.9080	4.8952	4.9143	9.3451	9.6252
Stddev	.0157	.0110	.0108	.0067	.0037	.0315	.0223
%RSD	.32032	.22134	.22048	.13625	.07555	.33704	.23208

#1	4.8987	4.9847	4.9162	4.8964	4.9125	9.3300	9.6001
#2	4.8878	4.9854	4.9120	4.9012	4.9118	9.3812	9.6327
#3	4.9187	4.9660	4.8957	4.8880	4.9185	9.3239	9.6429

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24828	2.3657	23.785	.93630	2.4633	1.2151	4.8412
Stddev	.00081	.0037	.057	.00240	.0052	.0007	.0062
%RSD	.32457	.15680	.24125	.25618	.20895	.05715	.12887

#1	.24814	2.3682	23.739	.93363	2.4692	1.2154	4.8363
#2	.24755	2.3675	23.850	.93698	2.4606	1.2156	4.8390
#3	.24914	2.3614	23.767	.93828	2.4601	1.2143	4.8482

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4836	23.994	2.3848	1.2012	23.656	2.3322	2.4129
Stddev	.0011	.169	.0027	.0013	.057	.0057	.0038
%RSD	.04312	.70470	.11428	.10735	.24188	.24352	.15836

#1	2.4823	23.945	2.3847	1.2006	23.590	2.3256	2.4169
#2	2.4843	24.182	2.3876	1.2027	23.692	2.3354	2.4125
#3	2.4841	23.854	2.3821	1.2003	23.686	2.3356	2.4092

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.987	4.8124	4.7970	4.6289	F 4.3153	4.6259	4.8133
Stddev	.084	.0023	.0354	.0110	.0240	.0087	.0067
%RSD	.36566	.04732	.73776	.23661	.55525	.18865	.13987

#1	22.897	4.8110	4.7564	4.6398	4.3137	4.6297	4.8190
#2	23.063	4.8150	4.8135	4.6179	4.2921	4.6320	4.8059
#3	23.002	4.8111	4.8212	4.6291	4.3400	4.6159	4.8150

Sample Name: CCV10 Acquired: 4/22/2019 22:31:27 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F 4.3879	4.879	4.7945	F 9.8785	F<.00000
Stddev	.0127	.011	.0111	.1566	7.1696
%RSD	.29053	.2197	.23141	1.5852	87.292
#1	4.3873	4.890	4.7969	9.9112	-13.203
#2	4.3755	4.877	4.7825	9.7082	-11.439
#3	4.4010	4.869	4.8043	10.016	.0025
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4601.7	59631.	6130.3	72.723	4678.8
Stddev	2.8	174.	12.8	1.062	10.2
%RSD	.05988	.29242	.20843	1.4603	.21829
#1	4602.3	59829.	6132.8	73.944	4670.2
#2	4598.6	59564.	6141.7	72.017	4676.1
#3	4604.0	59500.	6116.5	72.208	4690.1

Sample Name: CCB10 Acquired: 4/22/2019 22:35:26 Type: Unk
Method: P4-ICP2(v3062) 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	-.00032	.00129	-.00096	.00168	-.00056	-.02329	.00054
Stddev	.00011	.00079	.00056	.00101	.00074	.00371	.00001
%RSD	32.841	61.306	57.937	60.346	131.63	15.945	2.0505

#1	-.00021	.00209	-.00075	.00205	-.00140	-.01909	.00053
#2	-.00042	.00051	-.00054	.00053	.00003	-.02463	.00054
#3	-.00033	.00127	-.00160	.00246	-.00033	-.02615	.00055

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00004	.00281	-.00003	.00018	-.00050	.00016
Stddev	.00008	.00004	.01716	.00028	.00025	.00022	.00003
%RSD	1091.3	100.84	611.91	977.44	143.99	44.813	19.959

#1	.00008	.00000	-.01076	.00018	-.00007	-.00072	.00020
#2	-.00007	.00009	.02210	-.00035	.00017	-.00050	.00016
#3	.00001	.00004	-.00293	.00009	.00043	-.00027	.00013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00015	-.02099	.00037	.00041	-.11316	-.00015	-.00015
Stddev	.00005	.02426	.00020	.00009	.00418	.00050	.00005
%RSD	36.129	115.60	55.652	23.098	3.6957	336.04	35.577

#1	-.00009	-.03786	.00029	.00037	-.11767	.00020	-.00009
#2	-.00015	.00682	.00060	.00034	-.11241	-.00073	-.00018
#3	-.00020	-.03192	.00021	.00051	-.10941	.00008	-.00018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.09816	.00065	.00850	F -.03664	-.00264	-.00140	.00006
Stddev	.00505	.00024	.00464	.00164	.00206	.00064	.00088
%RSD	5.1469	37.254	54.564	4.4871	77.870	45.515	1468.0

#1	-.09592	.00089	.00412	-.03647	-.00438	-.00073	-.00006
#2	-.10394	.00041	.01336	-.03837	-.00037	-.00199	-.00075
#3	-.09461	.00064	.00801	-.03509	-.00318	-.00147	.00099

Sample Name: CCB10 Acquired: 4/22/2019 22:35:26 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00322	-0.0025	-0.00006	F 6.8987	F 4.1957
Stddev	.00134	.0008	.00005	.1442	1.2736
%RSD	41.795	33.16	83.533	2.0899	30.354
#1	-0.00231	-0.0035	-0.00009	6.8016	2.8471
#2	-0.00257	-0.0021	-0.00000	7.0644	4.3620
#3	-0.00476	-0.0020	-0.00009	6.8301	5.3779
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4844.6	62989.	6206.9	75.440	5340.0
Stddev	8.3	161.	45.5	1.649	3.6
%RSD	.17183	.25569	.73231	2.1861	.06663
#1	4839.5	62935.	6154.8	77.332	5340.0
#2	4840.2	62862.	6227.0	74.305	5336.4
#3	4854.2	63170.	6238.8	74.684	5343.5

Sample Name: K2516-02LX5 Acquired: 4/22/2019 22:39:55 Type: Unk
Method: P4-ICP2(v3062) 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	-.00066	.00088	-.00030	.00188	-.00138	-.01879	.01531
Stddev	.00119	.00047	.00054	.00157	.00026	.00390	.00026
%RSD	180.38	53.248	179.83	83.572	18.789	20.740	1.7040

#1	-.00203	.00109	-.00044	.00149	-.00151	-.01431	.01506
#2	.00014	.00120	.00030	.00054	-.00108	-.02140	.01530
#3	-.00010	.00034	-.00077	.00361	-.00155	-.02066	.01558

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00005	1.9987	.00030	-.00004	-.00089	.00622
Stddev	.00002	.00001	.0075	.00040	.00007	.00037	.00036
%RSD	289.87	27.793	.37268	134.83	191.43	41.778	5.7196

#1	-.00001	.00003	1.9998	.00075	.00004	-.00110	.00661
#2	.00003	.00006	1.9908	.00019	-.00007	-.00110	.00592
#3	.00000	.00005	2.0056	-.00004	-.00008	-.00046	.00614

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00619	.30665	.00064	.00067	4.5897	-.00015	.00480
Stddev	.00004	.04122	.00009	.00029	.0436	.00027	.00006
%RSD	.72235	13.444	13.797	43.083	.95062	183.26	1.2153

#1	.00617	.26197	.00071	.00053	4.5980	-.00008	.00481
#2	.00616	.34320	.00054	.00100	4.5426	-.00044	.00486
#3	.00624	.31479	.00068	.00048	4.6286	.00008	.00474

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27723	.00056	.02314	.31558	.21447	-.00143	-.00045
Stddev	.00910	.00007	.01090	.00282	.00199	.00048	.00158
%RSD	3.2815	13.128	47.132	.89470	.92802	33.266	352.84

#1	.26726	.00052	.03572	.31474	.21310	-.00146	-.00034
#2	.27933	.00051	.01709	.31326	.21356	-.00094	-.00207
#3	.28508	.00064	.01659	.31872	.21675	-.00189	.00108

Sample Name: K2516-02LX5 Acquired: 4/22/2019 22:39:55 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00216	-0.0009	.01042	8.0846	F<.00000
Stddev	.00123	.0009	.00007	.1473	1.3917
%RSD	56.663	106.0	.68849	1.8224	34.514

#1	-0.00155	.0002	.01049	8.2189	-4.6722
#2	-0.00357	-0.0015	.01044	8.1079	-2.4357
#3	-0.00137	-0.0013	.01035	7.9270	-4.9888

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4817.0	62860.	6263.1	76.619	5281.0
Stddev	2.3	64.	25.2	.479	.7
%RSD	.04754	.10233	.40176	.62549	.01394

#1	4814.4	62806.	6265.7	76.957	5281.7
#2	4817.8	62931.	6236.7	76.830	5281.1
#3	4818.8	62843.	6286.9	76.070	5280.2

Sample Name: K2516-02MS Acquired: 4/22/2019 22:44:25 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P041919MS 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	.71614	1.8539	.90977	1.8041	.73343	1.7759	.26249	.18390	.17398
Stddev	.00388	.0059	.00403	.0078	.00552	.0158	.00081	.00032	.00078
%RSD	.54247	.31752	.44336	.43508	.75279	.89218	.30939	.17142	.45008

#1	.71183	1.8555	.90796	1.8001	.73616	1.7672	.26233	.18426	.17367
#2	.71722	1.8474	.90696	1.7991	.72708	1.7664	.26177	.18375	.17339
#3	.71937	1.8588	.91439	1.8131	.73705	1.7942	.26337	.18369	.17487

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.189	.37161	.18934	.28745	2.9158	.22704	3.2702	.45543	.06516
Stddev	.008	.00067	.00071	.00082	.0052	.00023	.0312	.00117	.00019
%RSD	.07016	.17973	.37317	.28661	.17881	.10131	.95392	.25652	.28512

#1	11.198	.37237	.18901	.28729	2.9208	.22720	3.3003	.45436	.06496
#2	11.182	.37113	.18887	.28672	2.9164	.22714	3.2724	.45526	.06532
#3	11.187	.37132	.19016	.28834	2.9104	.22677	3.2380	.45668	.06520

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	25.881	.28183	.19483	10.530	.38657	.32315	1.7239	1.8583	.61158
Stddev	.026	.00041	.00050	.064	.00095	.00656	.0131	.0069	.00144
%RSD	.10074	.14393	.25625	.60802	.24548	2.0298	.75985	.37377	.23567

#1	25.875	.28171	.19504	10.578	.38657	.31565	1.7105	1.8657	.61130
#2	25.859	.28227	.19426	10.457	.38562	.32597	1.7244	1.8571	.61030
#3	25.910	.28149	.19519	10.554	.38752	.32782	1.7367	1.8520	.61314

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19216	.16697	5.077	.23722	8.8748	7.6255			
Stddev	.00274	.00183	.021	.00123	.2528	3.4684			
%RSD	1.4244	1.0954	.4091	.51979	2.8490	45.485			

#1	.19498	.16783	5.053	.23817	8.9718	11.629			
#2	.18952	.16487	5.087	.23767	9.0647	5.5147			
#3	.19198	.16822	5.091	.23583	8.5878	5.7333			

Sample Name: K2516-02MS Acquired: 4/22/2019 22:44:25 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P041919MS 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	4738.2	62115.	6143.2	74.414	5056.1
Stddev	3.0	140.	45.1	2.712	5.7
%RSD	.06396	.22574	.73398	3.6439	.11214
#1	4739.3	61956.	6110.9	72.443	5059.0
#2	4734.7	62165.	6124.0	73.293	5049.5
#3	4740.5	62223.	6194.7	77.506	5059.6

Sample Name: K2516-02MSD Acquired: 4/22/2019 22:48:31 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P041919MSD 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	.72502	1.8729	.91933	1.8212	.74186	1.7876	.26569	.18565	.17614
Stddev	.00668	.0107	.00718	.0059	.00478	.0098	.00190	.00039	.00120
%RSD	.92143	.56960	.78105	.32197	.64387	.55121	.71516	.21168	.68054

#1	.72274	1.8777	.92092	1.8217	.74245	1.7773	.26353	.18530	.17635
#2	.71978	1.8607	.91149	1.8151	.73682	1.7888	.26645	.18557	.17485
#3	.73255	1.8804	.92558	1.8268	.74632	1.7969	.26710	.18608	.17721

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.315	.37546	.19134	.29131	2.9316	.22961	3.3772	.46110	.06520
Stddev	.022	.00051	.00149	.00271	.0038	.00041	.0343	.00285	.00023
%RSD	.19703	.13702	.77730	.93000	.13038	.18048	1.0155	.61837	.35485

#1	11.335	.37488	.19153	.29019	2.9272	.22923	3.3379	.46264	.06545
#2	11.291	.37586	.18977	.28933	2.9343	.23005	3.4007	.45781	.06500
#3	11.319	.37564	.19273	.29440	2.9333	.22955	3.3931	.46285	.06515

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	26.245	.28410	.19536	10.609	.39192	.33207	1.7438	1.8848	.61842
Stddev	.080	.00060	.00107	.045	.00240	.01060	.0127	.0131	.00359
%RSD	.30479	.21057	.54649	.42595	.61219	3.1911	.72774	.69322	.58021

#1	26.153	.28372	.19514	10.592	.39290	.32463	1.7554	1.8974	.62066
#2	26.291	.28379	.19442	10.660	.38918	.34420	1.7302	1.8713	.61428
#3	26.292	.28479	.19652	10.574	.39367	.32738	1.7457	1.8856	.62032

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19256	.16768	5.126	.23871	9.0308	3.1937
Stddev	.00204	.00121	.048	.00103	.3269	2.6836
%RSD	1.0574	.71893	.9434	.43262	3.6194	84.028

#1	.19488	.16852	5.157	.23849	8.8106	5.5035
#2	.19109	.16630	5.071	.23781	9.4064	3.8276
#3	.19170	.16822	5.151	.23984	8.8755	.24988

Sample Name: K2516-02MSD Acquired: 4/22/2019 22:48:31 Type: Unk
Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: P041919MSD 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	4713.6	61906.	6141.2	74.418	5030.0
Stddev	18.9	106.	34.7	.832	18.8
%RSD	.40184	.17061	.56426	1.1186	.37293
#1	4706.5	61913.	6130.5	74.052	5018.1
#2	4735.1	62007.	6180.0	75.371	5051.6
#3	4699.2	61797.	6113.2	73.832	5020.3

Sample Name: K2516-02A Acquired: 4/22/2019 22:52:36 Type: Unk
Method: P4-ICP2(v3062) 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	.72365	1.8699	.91851	1.8166	.74080	1.7861	.26476	.18508	.17550
Stddev	.00384	.0091	.00157	.0049	.00206	.0043	.00107	.00112	.00021
%RSD	.53015	.48545	.17046	.27096	.27759	.24222	.40422	.60300	.11940
#1	.72798	1.8601	.91804	1.8120	.73882	1.7885	.26585	.18635	.17532
#2	.72066	1.8716	.91723	1.8160	.74065	1.7886	.26472	.18426	.17546
#3	.72233	1.8781	.92025	1.8217	.74293	1.7811	.26371	.18463	.17573
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.288	.37535	.19094	.28964	2.9288	.22912	3.3375	.45974	.06547
Stddev	.089	.00097	.00043	.00100	.0159	.00097	.0324	.00114	.00009
%RSD	.78541	.25797	.22602	.34458	.54404	.42200	.97014	.24756	.13565
#1	11.187	.37631	.19132	.28950	2.9460	.23024	3.3691	.45848	.06546
#2	11.321	.37437	.19047	.28872	2.9146	.22847	3.3390	.46003	.06539
#3	11.355	.37538	.19105	.29070	2.9259	.22867	3.3044	.46070	.06557
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	26.217	.28436	.19325	10.597	.39062	.32725	1.7398	1.8805	.61761
Stddev	.033	.00100	.00035	.043	.00129	.02408	.0131	.0175	.00212
%RSD	.12413	.35175	.18003	.40391	.32916	7.3583	.75344	.92916	.34300
#1	26.244	.28550	.19294	10.634	.38922	.30121	1.7281	1.8604	.61563
#2	26.226	.28398	.19319	10.607	.39090	.34872	1.7539	1.8905	.61735
#3	26.181	.28361	.19362	10.550	.39175	.33182	1.7372	1.8908	.61985
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19420	.16777	5.126	.23872	8.9200	2.4003			
Stddev	.00073	.00111	.004	.00167	.2863	3.8182			
%RSD	.37709	.66098	.0702	.69940	3.2095	159.07			
#1	.19336	.16706	5.123	.23682	9.2477	4.1866			
#2	.19460	.16905	5.130	.23995	8.7937	4.9980			
#3	.19466	.16721	5.125	.23938	8.7185	-1.9837			

Sample Name: K2516-02A Acquired: 4/22/2019 22:52:36 Type: Unk
Method: P4-ICP2(v3062) 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	4722.2	62076.	6164.6	75.191	5040.1
Stddev	5.1	166.	35.3	1.137	2.4
%RSD	.10790	.26683	.57205	1.5124	.04743
#1	4716.6	61967.	6203.9	75.894	5037.3
#2	4726.5	61993.	6135.8	75.801	5041.3
#3	4723.5	62266.	6154.0	73.880	5041.6

Sample Name: CCV11 Acquired: 4/22/2019 22:56:41 Type: Unk
Method: P4-ICP2(v3062) 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	4.9508	5.0350	4.9606	4.9482	4.9562	9.4505	9.7579	.25149	2.3861
Stddev	.0060	.0099	.0095	.0021	.0089	.0711	.0445	.00034	.0038
%RSD	.12150	.19655	.19071	.04137	.18008	.75186	.45557	.13644	.15973
#1	4.9558	5.0426	4.9674	4.9468	4.9660	9.4484	9.8085	.25188	2.3876
#2	4.9441	5.0387	4.9498	4.9473	4.9541	9.3805	9.7405	.25123	2.3818
#3	4.9525	5.0238	4.9645	4.9506	4.9485	9.5226	9.7248	.25136	2.3890
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.910	.94224	2.4892	1.2221	4.8745	2.5102	24.404	2.4096	1.2110
Stddev	.020	.00277	.0026	.0003	.0052	.0011	.091	.0017	.0037
%RSD	.08359	.29431	.10240	.02140	.10620	.04399	.37466	.07075	.30741
#1	23.924	.94488	2.4892	1.2220	4.8803	2.5106	24.354	2.4087	1.2139
#2	23.919	.93935	2.4867	1.2220	4.8705	2.5111	24.348	2.4084	1.2068
#3	23.887	.94250	2.4918	1.2224	4.8725	2.5090	24.509	2.4115	1.2122
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.990	2.3540	2.4436	23.332	4.8597	4.8687	4.6753	4.3211	4.6671
Stddev	.081	.0010	.0025	.121	.0060	.0303	.0045	.0029	.0064
%RSD	.33816	.04129	.10082	.51936	.12413	.62282	.09536	.06725	.13711
#1	24.082	2.3546	2.4461	23.465	4.8650	4.9034	4.6797	4.3191	4.6612
#2	23.958	2.3528	2.4412	23.302	4.8609	4.8557	4.6754	4.3244	4.6661
#3	23.930	2.3545	2.4437	23.229	4.8531	4.8471	4.6708	4.3197	4.6739
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	4.8334	4.3988	4.930	4.8237	10.218	1.2858			
Stddev	.0027	.0145	.014	.0134	.535	7.5712			
%RSD	.05694	.32887	.2855	.27798	5.2395	588.82			
#1	4.8303	4.4152	4.946	4.8359	9.6118	-1.0634			
#2	4.8344	4.3934	4.920	4.8257	10.627	-4.8323			
#3	4.8356	4.3878	4.923	4.8093	10.414	9.7531			

Sample Name: CCV11 Acquired: 4/22/2019 22:56:41 Type: Unk
Method: P4-ICP2(v3062) 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	4621.8	59933.	6208.1	74.076	4696.1
Stddev	4.8	244.	9.4	1.286	8.4
%RSD	.10489	.40701	.15213	1.7358	.17806
#1	4617.2	59737.	6203.7	74.496	4694.5
#2	4626.9	60206.	6218.9	72.633	4705.2
#3	4621.4	59856.	6201.6	75.099	4688.7

Sample Name: CCB11 Acquired: 4/22/2019 23:00:40 Type: Unk
Method: P4-ICP2(v3062) 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	-.00002	.00242	-.00123	.00266	-.00014	-.01734	.00089	.00002
Stddev	.00279	.00093	.00031	.00209	.00087	.01253	.00045	.00005
%RSD	13541.	38.648	25.495	78.649	608.03	72.263	51.110	198.78

#1	-.00324	.00324	-.00090	.00081	.00006	-.02993	.00141	-.00000
#2	.00156	.00140	-.00126	.00223	-.00110	-.00487	.00069	-.00000
#3	.00161	.00262	-.00152	.00492	.00061	-.01723	.00057	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.01310	-.00034	.00016	-.00064	-.00004	-.00008	-.03471
Stddev	.00008	.00366	.00029	.00024	.00047	.00015	.00003	.02268
%RSD	109.54	27.958	86.358	155.39	73.617	413.63	39.420	65.342

#1	.00007	-.01410	-.00046	-.00006	-.00083	-.00018	-.00012	-.03941
#2	.00015	-.00904	-.00000	.00011	-.00099	.00012	-.00008	-.01005
#3	-.00001	-.01616	-.00054	.00042	-.00010	-.00006	-.00005	-.05468

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	.00043	-.15233	-.00026	-.00020	-.08204	.00054	.01719
Stddev	.00006	.00071	.00392	.00024	.00004	.03048	.00020	.02072
%RSD	11.597	166.13	2.5739	92.511	20.171	37.150	36.766	120.53

#1	.00044	-.00029	-.15360	-.00010	-.00019	-.11398	.00062	.00353
#2	.00051	.00113	-.14793	-.00015	-.00024	-.05327	.00069	.04103
#3	.00055	.00044	-.15546	-.00054	-.00016	-.07887	.00032	.00701

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03726	-.00319	-.00047	.00087	-.00354	-.0020	-.00012	7.9061
Stddev	.00189	.00014	.00031	.00059	.00152	.0011	.00002	.3869
%RSD	5.0781	4.5234	66.013	68.535	43.029	53.62	17.014	4.8932

#1	-.03866	-.00325	-.00050	.00150	-.00484	-.0013	-.00015	7.5544
#2	-.03801	-.00330	-.00077	.00079	-.00391	-.0033	-.00011	8.3205
#3	-.03511	-.00303	-.00015	.00031	-.00186	-.0015	-.00012	7.8435

Sample Name: CCB11 Acquired: 4/22/2019 23:00:40 Type: Unk
 Method: P4-ICP2(v3062) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.5732
Stddev	3.9562
%RSD	110.72

#1	4.2185
#2	-.66593
#3	7.1671

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4827.4	62596.	6217.0	73.691	5311.3
Stddev	17.5	131.	34.9	.478	11.6
%RSD	.36246	.20947	.56213	.64905	.21789

#1	4815.8	62511.	6189.5	74.202	5298.3
#2	4818.9	62747.	6256.4	73.255	5314.8
#3	4847.6	62531.	6205.2	73.616	5320.7