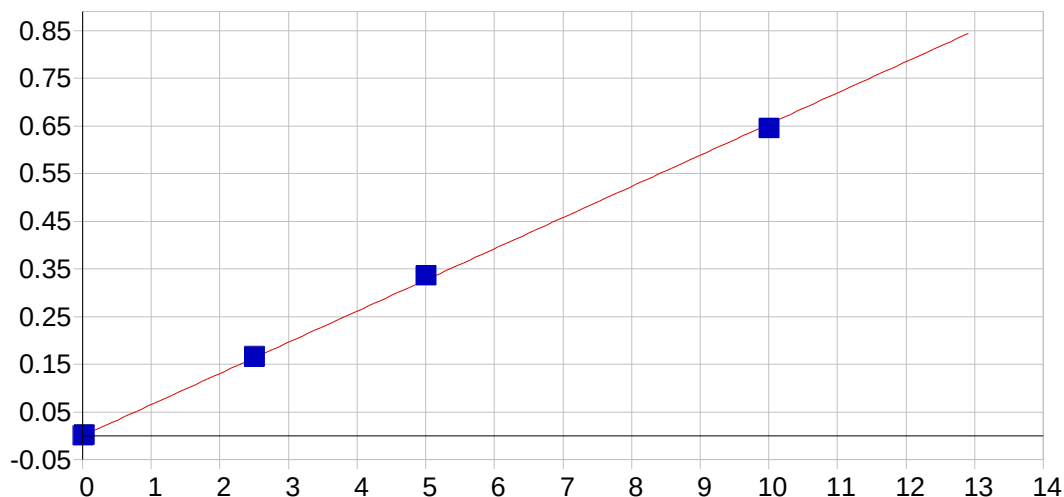




As 189.042 {478}

Date of Fit: 4/16/2019 16:23:16

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000165

Re-Slope: 1.000000

A1 (Gain): 0.065402

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999842

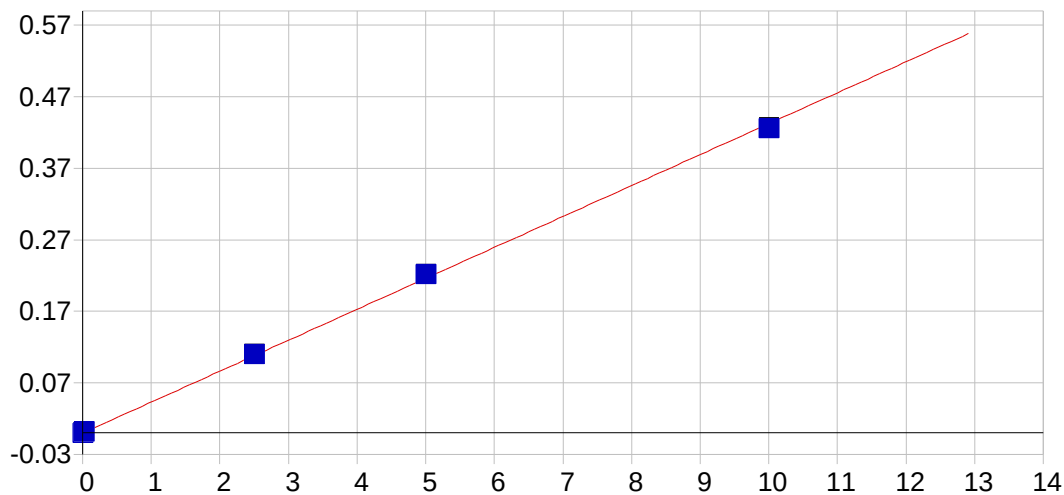
Status: OK.

Std Error of Est: 0.000028

Predicted MDL: 0.002277

Predicted MQL: 0.007592

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00016	.000	1
S1	.02000	.01878	-.001	-6.11	.00106	.000	1
S3	2.5000	2.5269	.027	1.08	.16509	.000	1
S4	5.0000	5.1221	.122	2.44	.33481	.001	1
S5	10.000	9.8522	-.148	-1.48	.64415	.000	1



As 189.042 {479}

Date of Fit: 4/16/2019 16:23:16

Type of Fit: Linear

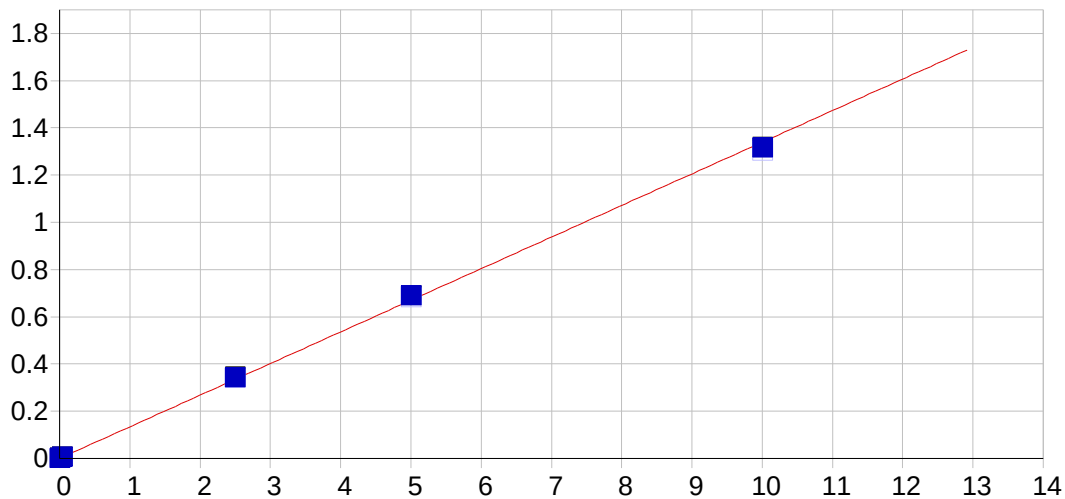
Weighting: 1/Conc

A0 (Offset): -0.000079

Re-Slope: 1.000000

A1 (Gain): 0.043246 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999828 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.002215
 Predicted MQL: 0.007384

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.02000	.02289	.003	14.5	.00091	.000	1
S3	2.5000	2.5343	.034	1.37	.10952	.000	1
S4	5.0000	5.1175	.117	2.35	.22123	.000	1
S5	10.000	9.8453	-.155	-1.55	.42570	.001	1

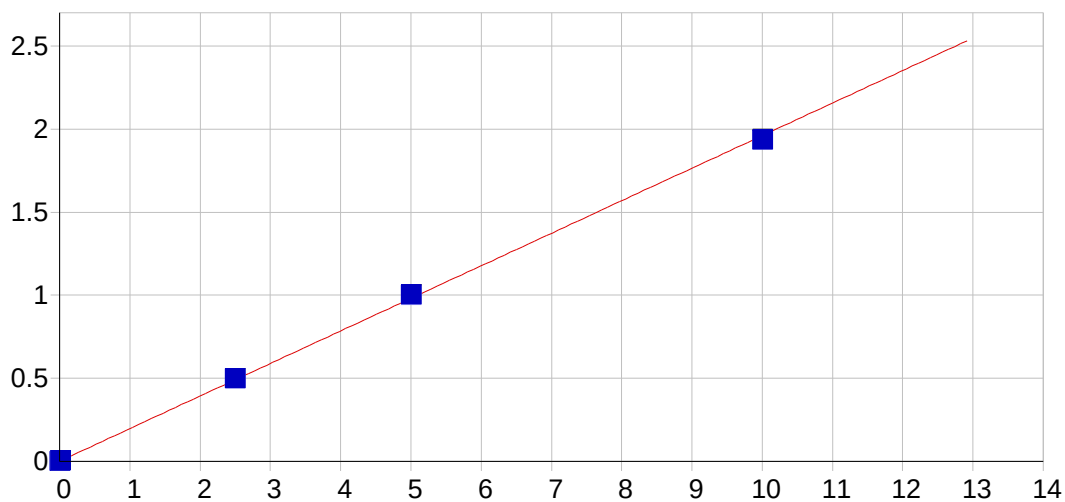


TI 190.856 {477}

Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000324 Re-Slope: 1.000000
 A1 (Gain): 0.133904 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999753 Status: OK.
 Std Error of Est: 0.000101
 Predicted MDL: 0.000941
 Predicted MQL: 0.003136

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00032	.000	1
S1	.04000	.04081	.001	2.02	.00565	.000	1
S3	2.5000	2.5565	.057	2.26	.33922	.001	1
S4	5.0000	5.1333	.133	2.67	.68082	.001	1
S5	10.000	9.8094	-.191	-1.91	1.3001	.004	1

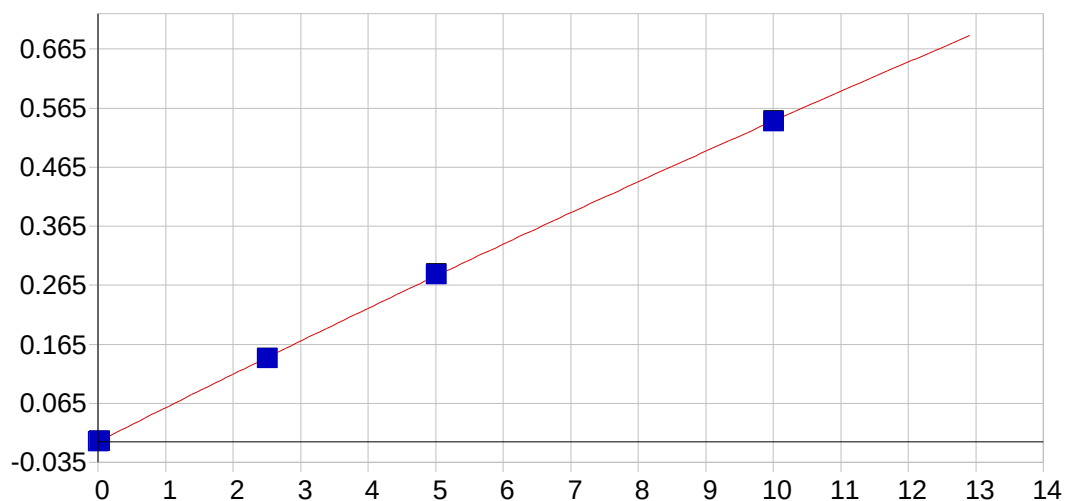


Pb 220.353 {453}

Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001621 Re-Slope: 1.000000
 A1 (Gain): 0.195887 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.000931
 Predicted MQL: 0.003104

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00162	.000	1
S1	.01200	.01214	.000	1.18	.00395	.000	1
S3	2.5000	2.5314	.031	1.25	.49677	.000	1
S4	5.0000	5.0989	.099	1.98	.99901	.001	1
S5	10.000	9.8696	-.130	-1.30	1.9321	.003	1



Se 196.090 {472}

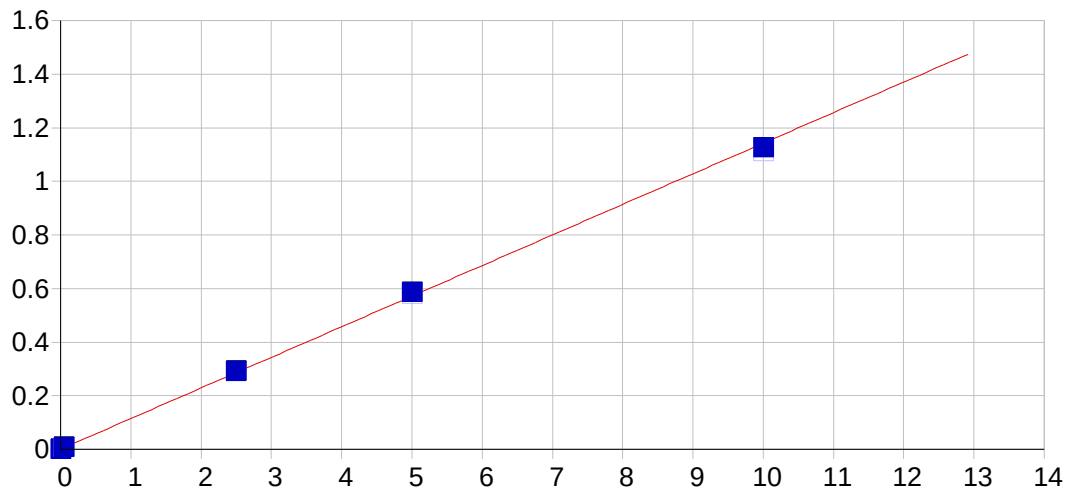
Date of Fit: 4/16/2019 16:23:16 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000240 Re-Slope: 1.000000
 A1 (Gain): 0.057956 Y-int: 0.000000

A2 (Curvature): -0.000362
 n (Exponent): 1.000000
 Correlation: 0.999975
 Std Error of Est: 0.000011
 Predicted MDL: 0.002427
 Predicted MQL: 0.008091

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00024	.000	1
S1	.02000	.02092	.001	4.58	.00097	.000	1
S3	2.5000	2.4693	-.031	-1.23	.14063	.001	1
S4	5.0000	5.0457	.046	.913	.28289	.001	1
S5	10.000	9.9840	-.016	-.160	.54213	.000	1



Sb 206.833 {463}

Date of Fit: 4/16/2019 16:23:16

Type of Fit: Linear

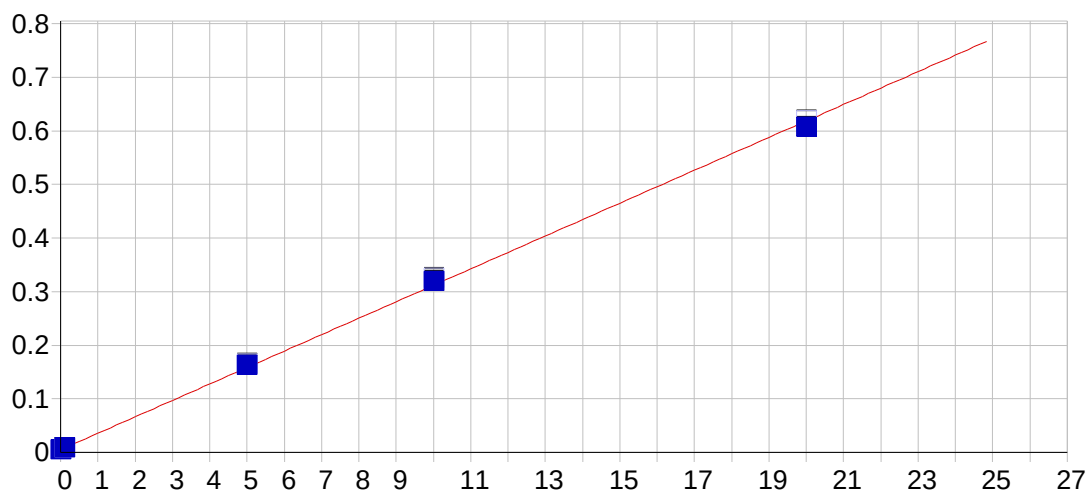
Weighting: 1/Conc

A0 (Offset): 0.000674
 A1 (Gain): 0.114140
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999822
 Std Error of Est: 0.000081
 Predicted MDL: 0.001503
 Predicted MQL: 0.005011

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	.00067	.000	1
S1	.05000	.05086	.001	1.72	.00634	.000	1
S3	2.5000	2.5456	.046	1.82	.28802	.001	1
S4	5.0000	5.1150	.115	2.30	.57808	.001	1
S5	10.000	9.8386	-.161	-1.61	1.1108	.001	1

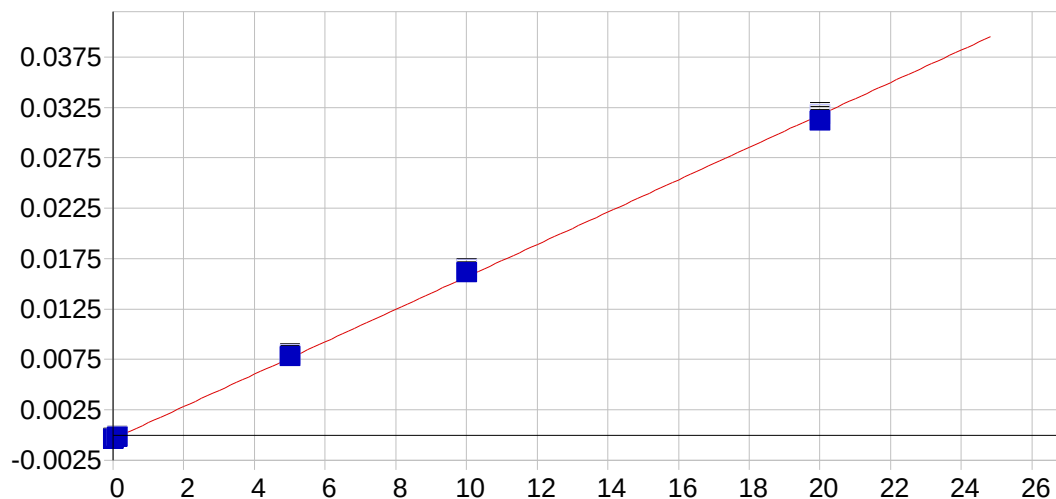


AI 308.215 {109}

Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004923 Re-Slope: 1.000000
 A1 (Gain): 0.030683 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999748 Status: OK.
 Std Error of Est: 0.000054
 Predicted MDL: 0.002632
 Predicted MQL: 0.008774

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00492	.000	1
S1	.10000	.11480	.015	14.8	.00866	.000	1
S3	5.0000	5.1243	.124	2.49	.16521	.001	1
S4	10.000	10.242	.242	2.42	.32527	.001	1
S5	20.000	19.619	-.381	-1.91	.61909	.001	1



AI 309.271 {109}

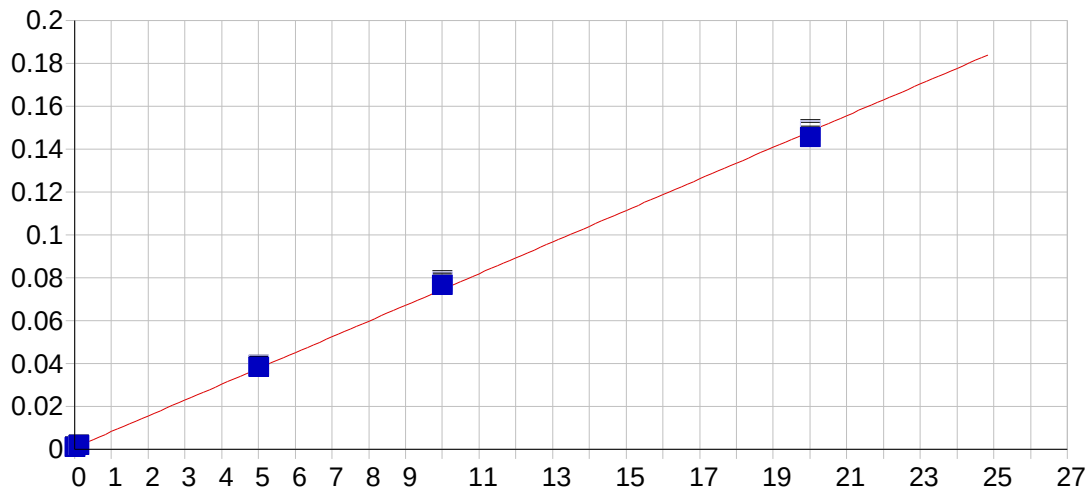
Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000389 Re-Slope: 1.000000
 A1 (Gain): 0.001607 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999711
 Std Error of Est: 0.000003
 Predicted MDL: 0.032978
 Predicted MQL: 0.109926

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00039	.000	1
S1	.10000	.12204	.022	22.0	-.00018	.000	1
S3	5.0000	5.0994	.099	1.99	.00797	.000	1
S4	10.000	10.263	.263	2.63	.01643	.000	1
S5	20.000	19.615	-.385	-1.93	.03178	.000	1



AI 396.152 { 85}

Date of Fit: 4/16/2019 16:23:16

Type of Fit: Linear

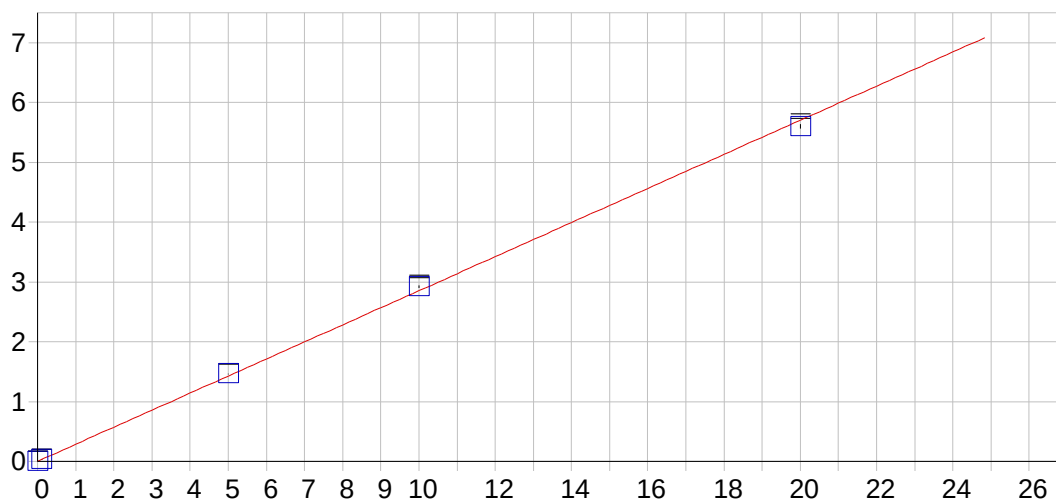
Weighting: 1/Conc

A0 (Offset): 0.000850
 A1 (Gain): 0.007369
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999754
 Std Error of Est: 0.000013
 Predicted MDL: 0.012777
 Predicted MQL: 0.042591

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00085	.000	1
S1	.10000	.11584	.016	15.8	.00176	.000	1
S3	5.0000	5.0865	.086	1.73	.03907	.000	1
S4	10.000	10.267	.267	2.67	.07798	.000	1
S5	20.000	19.630	-.370	-1.85	.14845	.001	1

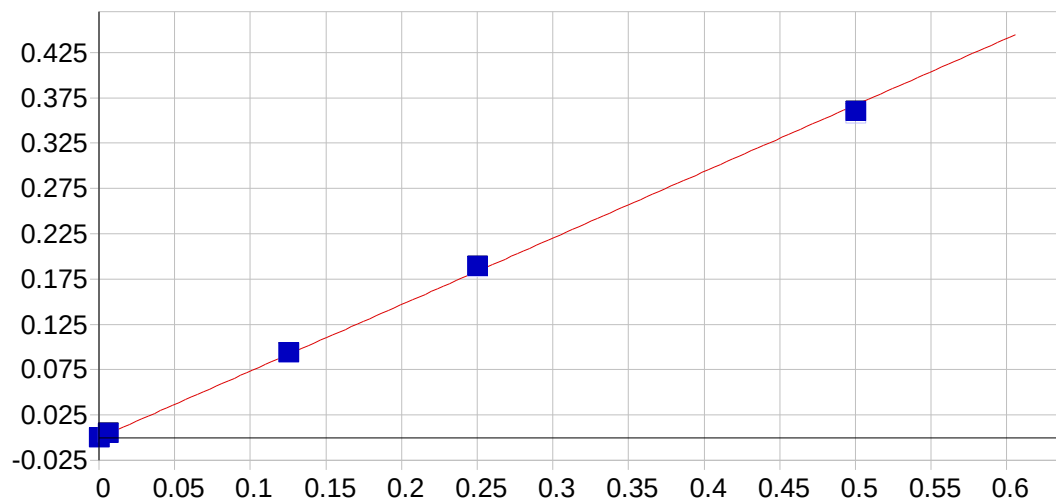


Ba 493.409 { 68}

Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001378 Re-Slope: 1.000000
 A1 (Gain): 0.285099 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999779 Status: OK.
 Std Error of Est: 0.000458
 Predicted MDL: 0.000635
 Predicted MQL: 0.002115

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00138	.000	1
S1	.10000	.10523	.005	5.23	.03138	.000	1
S3	5.0000	5.1261	.126	2.52	1.4628	.008	1
S5	20.000	19.636	-.364	-1.82	5.5995	.034	1
S4	10.000	10.233	.233	2.33	2.9187	.020	1



Be 234.861 {144}

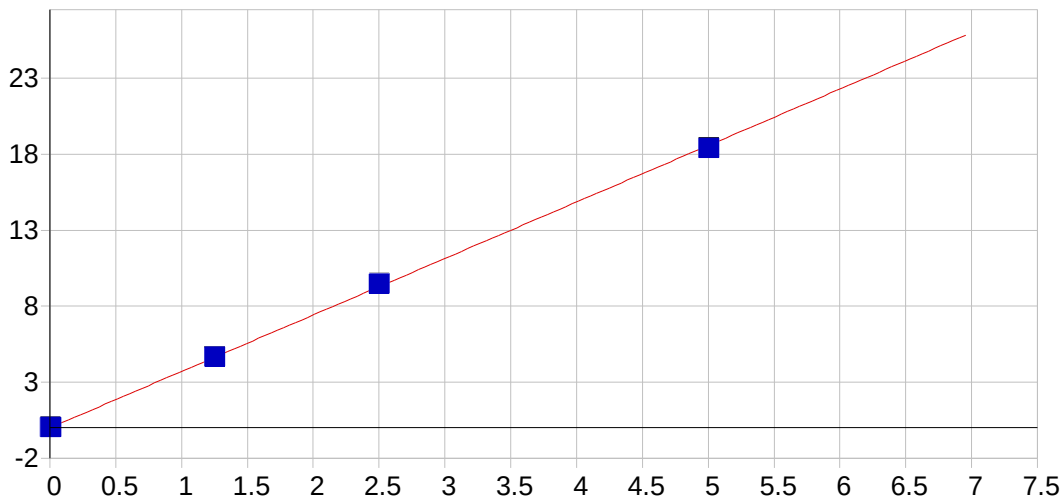
Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000043 Re-Slope: 1.000000
 A1 (Gain): 0.734159 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999725
 Std Error of Est: 0.000051
 Predicted MDL: 0.000072
 Predicted MQL: 0.000240

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.00600	.00635	.000	5.86	.00457	.000	1
S3	.12500	.12768	.003	2.14	.09312	.000	1
S4	.25000	.25703	.007	2.81	.18750	.001	1
S5	.50000	.48994	-.010	-2.01	.35734	.000	1



Cd 226.502 {449}

Date of Fit: 4/16/2019 16:23:16

Type of Fit: Linear

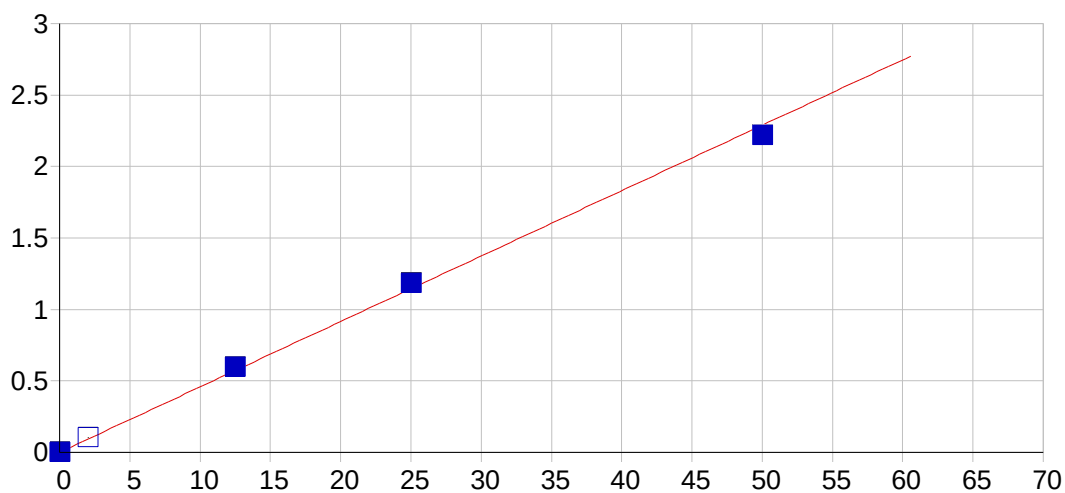
Weighting: 1/Conc

A0 (Offset): -0.000324
 A1 (Gain): 3.713480
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916
 Std Error of Est: 0.000450
 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	-.00032	.000	1
S1	.00600	.00598	-.000	-.341	.02192	.000	1
S3	1.2500	1.2502	.000	.013	4.6432	.001	1
S4	2.5000	2.5494	.049	1.98	9.4691	.017	1
S5	5.0000	4.9504	-.050	-9.92	18.387	.020	1

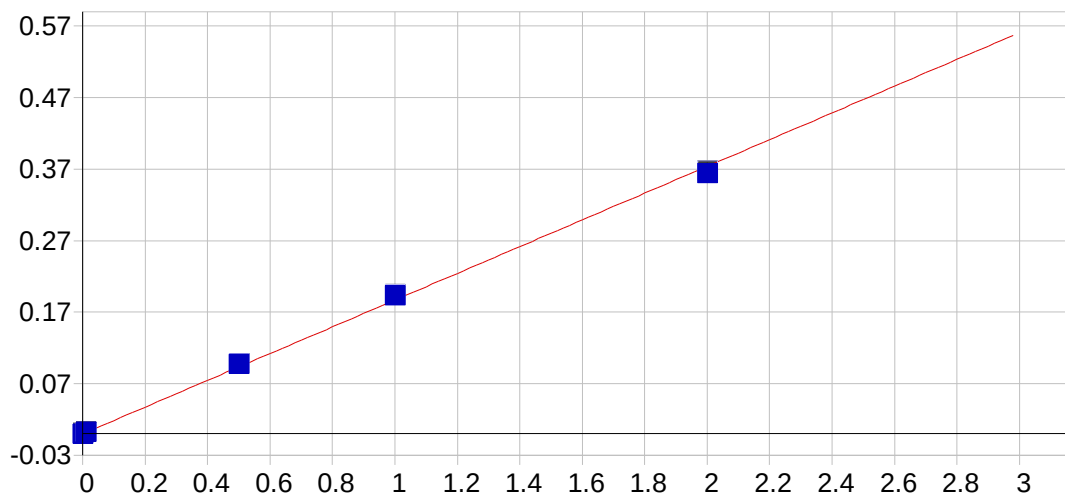


Ca 373.690 { 90}

Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000588 Re-Slope: 1.000000
 A1 (Gain): 0.045764 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999330 Status: OK.
 Std Error of Est: 0.000915
 Predicted MDL: 0.015750
 Predicted MQL: 0.052500

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2347	.235	11.7	.10286	.001	1
S0	.00000	-.00032	-.000	.000	.00057	.000	1
S3	12.500	12.990	.490	3.92	.59538	.001	1
S4	25.000	25.810	.810	3.24	1.1824	.004	1
S5	50.000	48.465	-1.53	-3.07	2.2198	.000	1



Cr 267.716 {126}

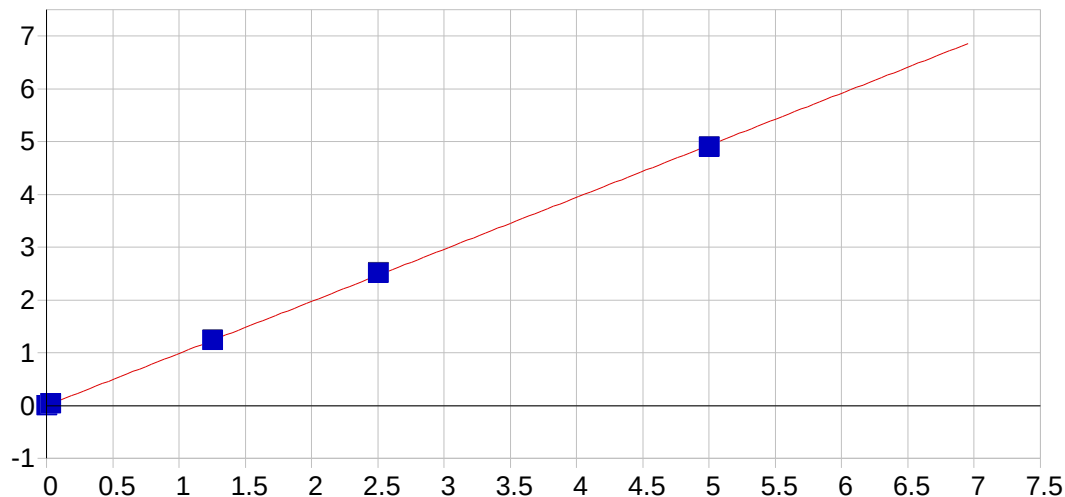
Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000029 Re-Slope: 1.000000
 A1 (Gain): 0.186948 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999539
 Std Error of Est: 0.000044
 Predicted MDL: 0.000400
 Predicted MQL: 0.001334

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	.01088	.001	8.82	.00202	.000	1
S3	.50000	.51970	.020	3.94	.09786	.000	1
S4	1.0000	1.0323	.032	3.23	.19442	.000	1
S5	2.0000	1.9472	-.053	-2.64	.36693	.000	1



Co 228.616 {447}

Date of Fit: 4/16/2019 16:23:16

Type of Fit: Linear

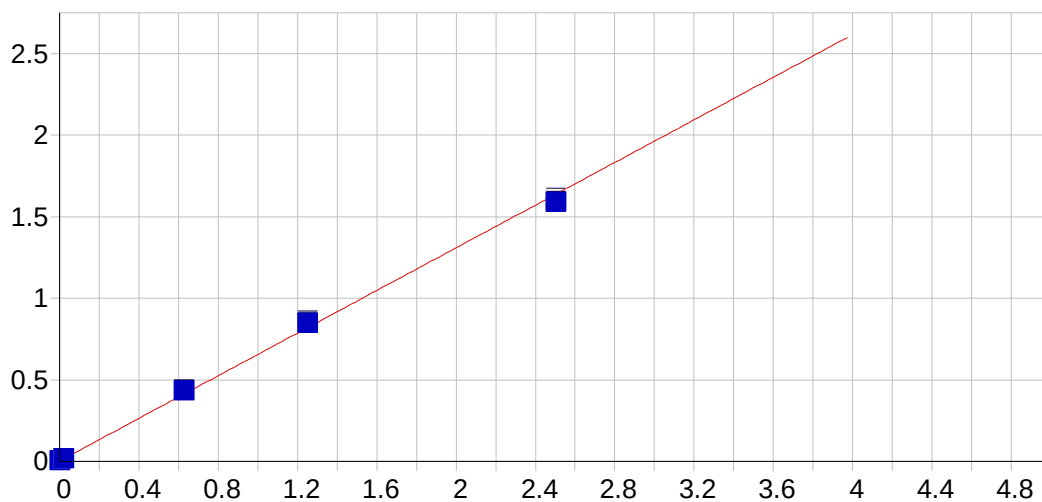
Weighting: 1/Conc

A0 (Offset): -0.000300
 A1 (Gain): 0.986277
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938
 Std Error of Est: 0.000231
 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	-.00030	.000	1
S1	.03000	.02936	-.001	-2.15	.02845	.000	1
S3	1.2500	1.2503	.000	.028	1.2339	.001	1
S4	2.5000	2.5426	.043	1.70	2.5093	.003	1
S5	5.0000	4.9577	-.042	-.846	4.8932	.004	1

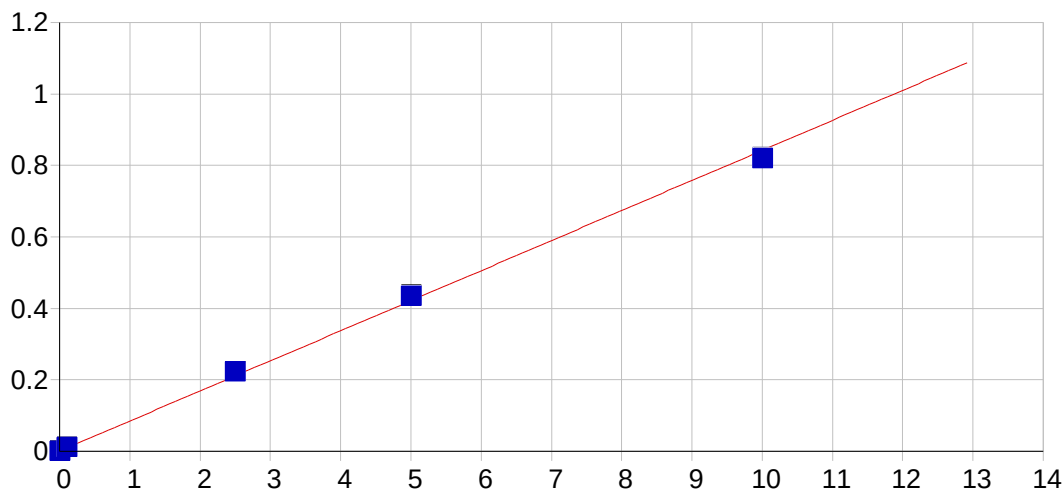


Cu 224.700 {450}

Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002262 Re-Slope: 1.000000
 A1 (Gain): 0.653512 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999457 Status: OK.
 Std Error of Est: 0.000265
 Predicted MDL: 0.000370
 Predicted MQL: 0.001235

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00226	.000	1
S1	.02000	.02211	.002	10.5	.01691	.000	1
S3	.62500	.65407	.029	4.65	.43631	.002	1
S4	1.2500	1.2904	.040	3.23	.85875	.001	1
S5	2.5000	2.4284	-.072	-2.86	1.6157	.002	1



Fe 240.488 {140}

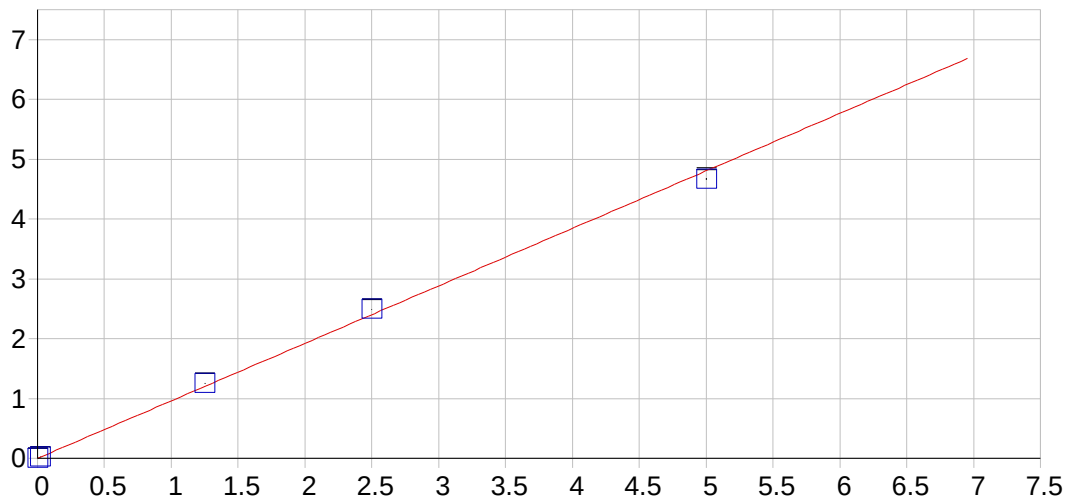
Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000734 Re-Slope: 1.000000
 A1 (Gain): 0.084139 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999459
 Std Error of Est: 0.000150
 Predicted MDL: 0.000697
 Predicted MQL: 0.002322

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	.10864	.009	8.64	.00992	.000	1
S3	2.5000	2.6222	.122	4.89	.22214	.000	1
S4	5.0000	5.1510	.151	3.02	.43570	.001	1
S5	10.000	9.7182	-.282	-2.82	.82156	.001	1



Mn 257.610 {131}

Date of Fit: 4/16/2019 16:23:16

Type of Fit: Linear

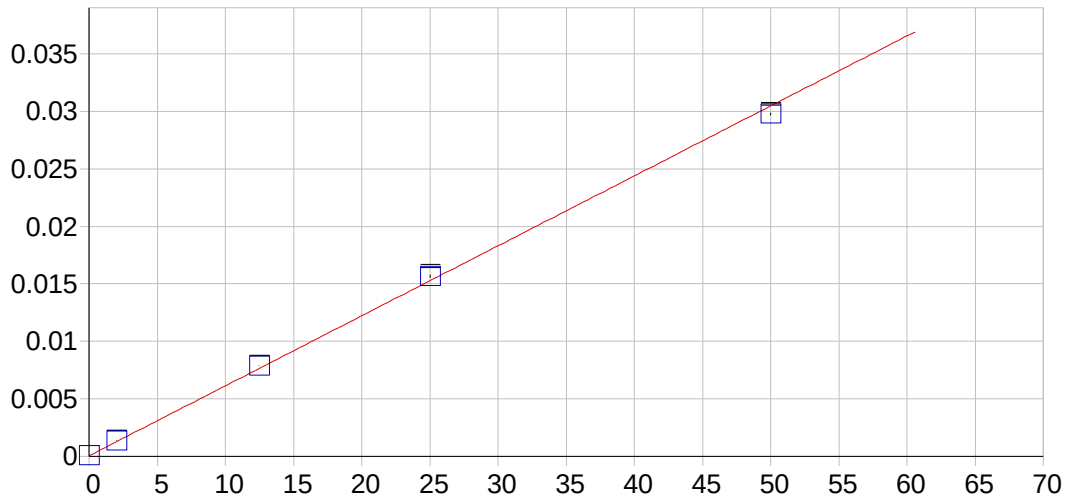
Weighting: 1/Conc

A0 (Offset): 0.000116
 A1 (Gain): 0.961022
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999447
 Std Error of Est: 0.000546
 Predicted MDL: 0.000065
 Predicted MQL: 0.000217

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	.00011	.000	1
S1	.02000	.02245	.002	12.3	.02169	.000	1
S3	1.2500	1.3013	.051	4.10	1.2507	.002	1
S4	2.5000	2.5894	.089	3.58	2.4886	.003	1
S5	5.0000	4.8568	-.143	-2.86	4.6676	.017	1

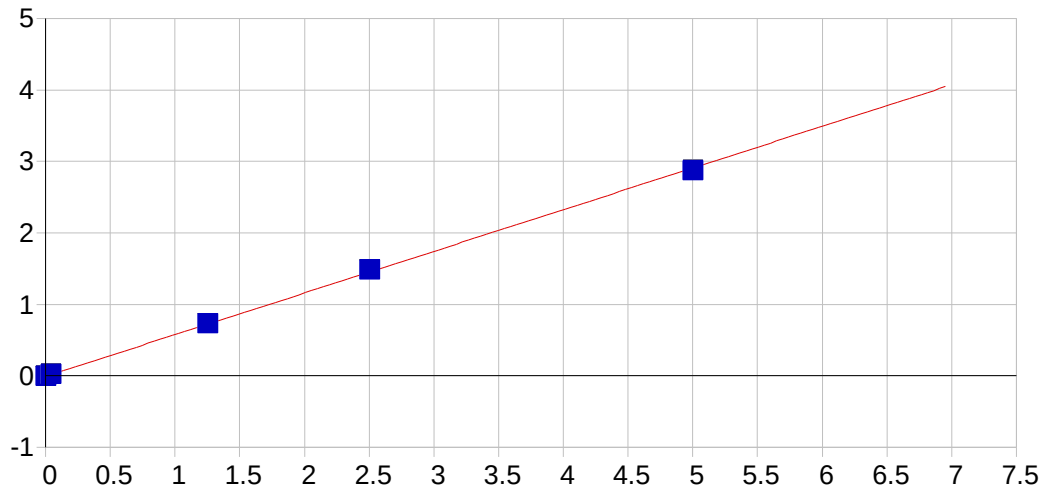


Mg 279.079 {121}

Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000054 Re-Slope: 1.000000
 A1 (Gain): 0.000608 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999665 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.043905
 Predicted MQL: 0.146349

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1368	.137	6.84	.00135	.000	1
S0	.00000	-.00020	-.000	.000	.00005	.000	1
S3	12.500	12.845	.345	2.76	.00787	.000	1
S4	25.000	25.634	.634	2.54	.01565	.000	1
S5	50.000	48.884	-1.12	-2.23	.02979	.000	1



Ni 231.604 {445}

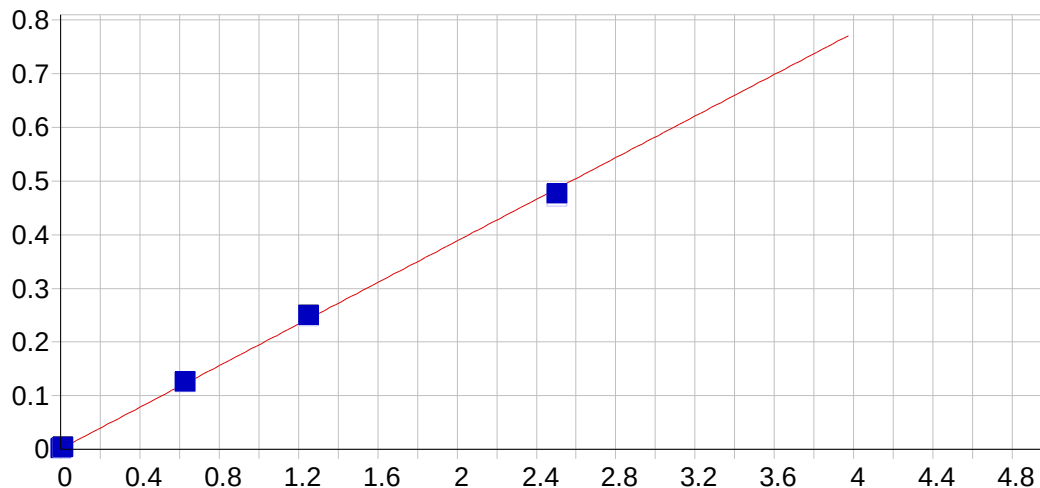
Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007008 Re-Slope: 1.000000
 A1 (Gain): 0.583022 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896
 Std Error of Est: 0.000203
 Predicted MDL: 0.000364
 Predicted MQL: 0.001213

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00701	.000	1
S1	.04000	.04059	.001	1.48	.01667	.000	1
S3	1.2500	1.2631	.013	1.05	.73018	.001	1
S4	2.5000	2.5480	.048	1.92	1.4801	.002	1
S5	5.0000	4.9383	-.062	-1.23	2.8753	.005	1



Ag 328.068 {103}

Date of Fit: 4/16/2019 16:23:16

Type of Fit: Linear

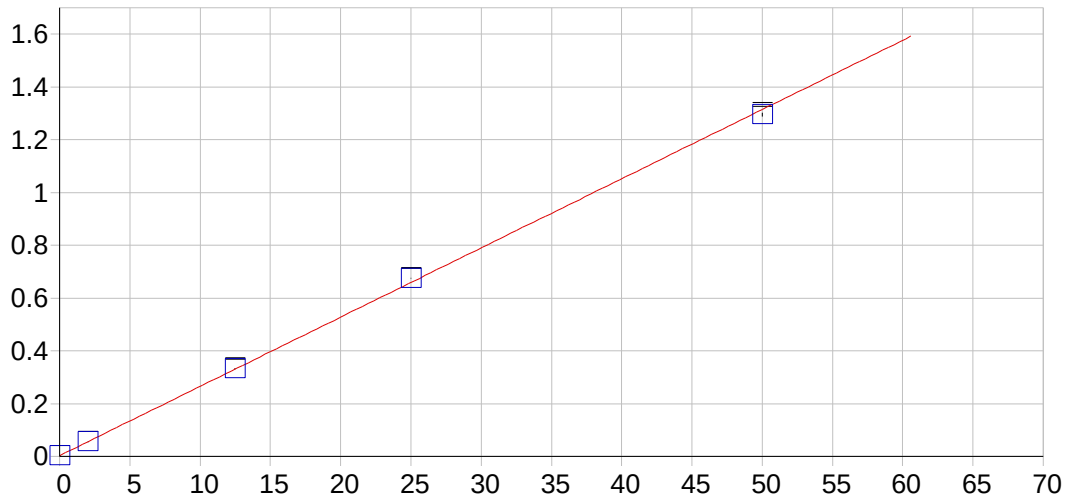
Weighting: 1/Conc

A0 (Offset): 0.000806
 A1 (Gain): 0.193841
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999702
 Std Error of Est: 0.000040
 Predicted MDL: 0.000567
 Predicted MQL: 0.001888

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	.00081	.000	1
S1	.01000	.01133	.001	13.3	.00296	.000	1
S3	.62500	.64349	.018	2.96	.12417	.000	1
S4	1.2500	1.2813	.031	2.51	.24643	.000	1
S5	2.5000	2.4488	-.051	-2.05	.47000	.000	1

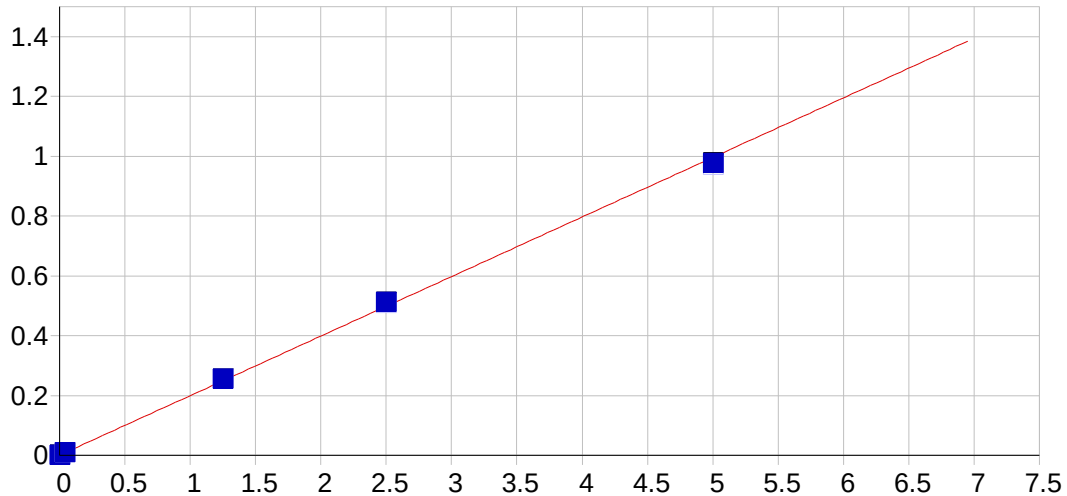


Na 589.592 { 57}

Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003048 Re-Slope: 1.000000
 A1 (Gain): 0.026228 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999852 Status: OK.
 Std Error of Est: 0.000246
 Predicted MDL: 0.009303
 Predicted MQL: 0.031010

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0457	.046	2.29	.05670	.000	1
S0	.00000	-.00008	-.000	.000	.00305	.000	1
S3	12.500	12.585	.085	.679	.33313	.002	1
S4	25.000	25.597	.597	2.39	.67441	.001	1
S5	50.000	49.272	-.728	-1.46	1.2954	.007	1



V 292.402 {115}

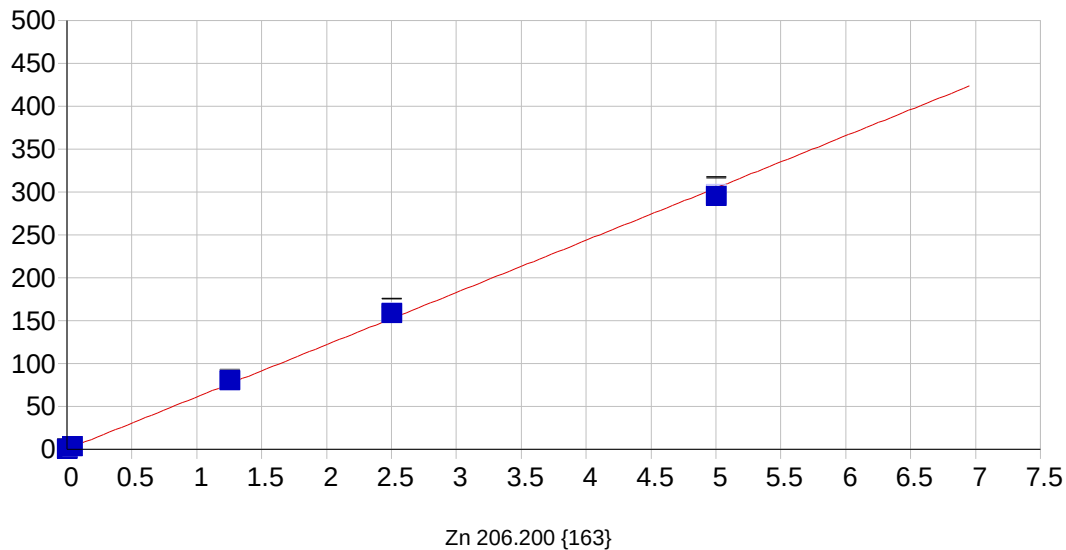
Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000299 Re-Slope: 1.000000
 A1 (Gain): 0.199125 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999737
 Std Error of Est: 0.000110
 Predicted MDL: 0.000425
 Predicted MQL: 0.001418

Status: OK.

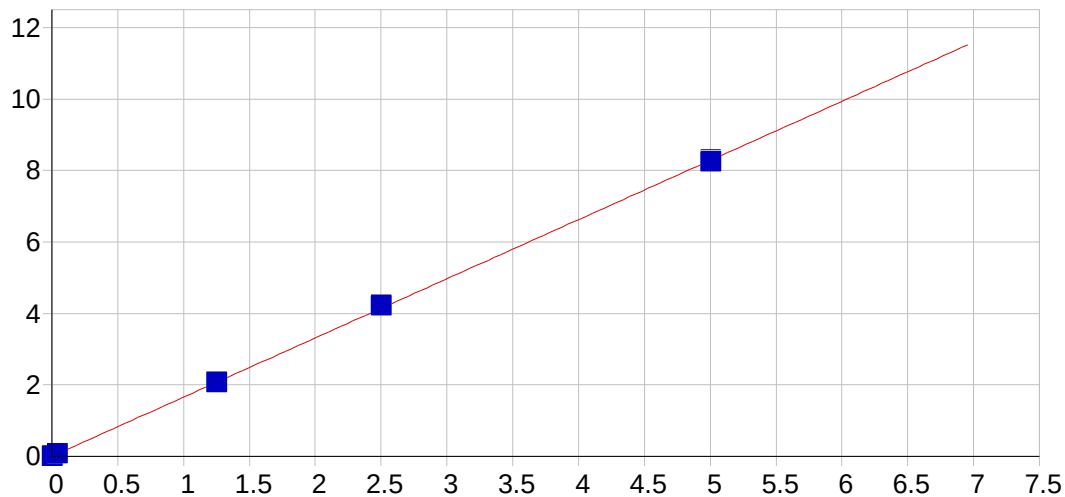
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00030	.000	1
S1	.04000	.04178	.002	4.46	.00850	.000	1
S3	1.2500	1.2810	.031	2.48	.25376	.000	1
S4	2.5000	2.5663	.066	2.65	.50806	.001	1
S5	5.0000	4.9009	-.099	-1.98	.96969	.001	1



Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.112048 Re-Slope: 1.000000
 A1 (Gain): 60.910424 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999334 Status: OK.
 Std Error of Est: 0.054124
 Predicted MDL: 0.000343
 Predicted MQL: 0.001143

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.11178	.024	1
S1	.04000	.04228	.002	5.71	2.7035	.044	1
S3	1.2500	1.3094	.059	4.75	80.327	.797	1
S4	2.5000	2.5977	.098	3.91	159.26	4.98	1
S5	5.0000	4.8406	-.159	-3.19	296.80	9.50	1

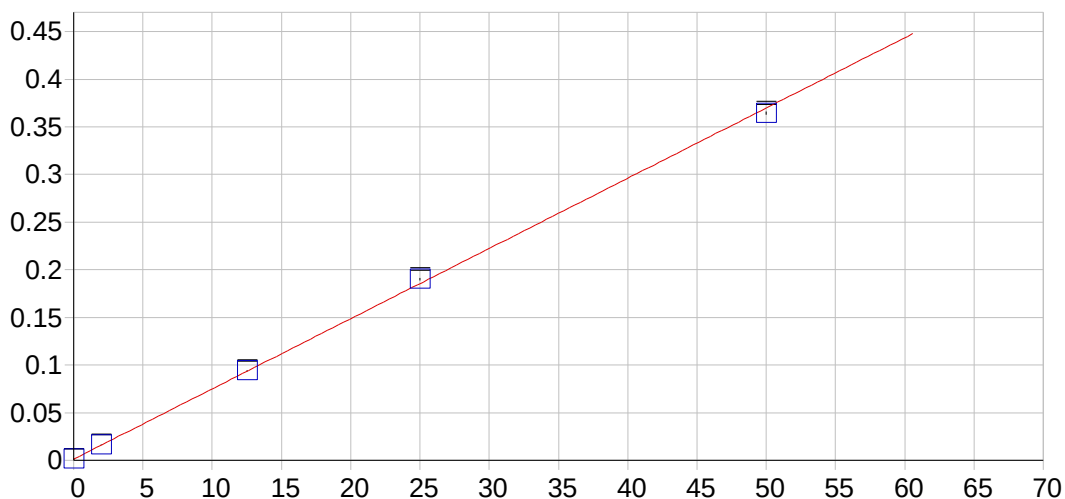


Zn 213.856 {458}

Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002500 Re-Slope: 1.000000
 A1 (Gain): 1.655627 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000379
 Predicted MDL: 0.000090
 Predicted MQL: 0.000301

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00250	.000	1
S1	.04000	.03871	-.001	-3.22	.06705	.000	1
S3	1.2500	1.2457	-.004	-.345	2.0781	.002	1
S4	2.5000	2.5366	.037	1.47	4.2286	.003	1
S5	5.0000	4.9690	-.031	-.621	8.2821	.008	1



K 766.490 {44}

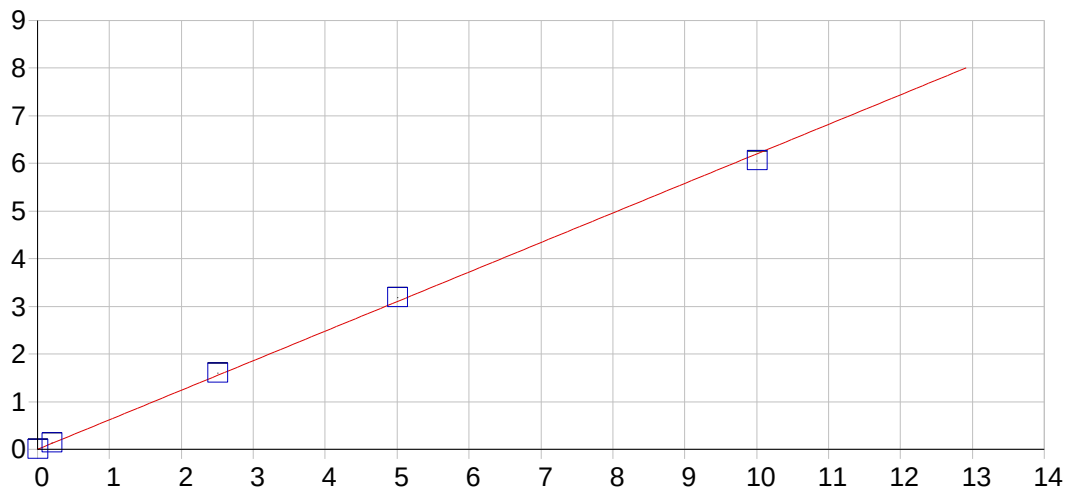
Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001214 Re-Slope: 1.000000
 A1 (Gain): 0.007371 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999847
 Std Error of Est: 0.000070
 Predicted MDL: 0.034871
 Predicted MQL: 0.116236

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0426	.043	2.13	.01627	.000	1
S0	.00000	-.00008	-.000	.000	.00121	.000	1
S3	12.500	12.588	.088	.705	.09400	.001	1
S4	25.000	25.611	.611	2.44	.19000	.001	1
S5	50.000	49.259	-.741	-1.48	.36431	.002	1



Mo 202.030 {467}

Date of Fit: 4/16/2019 16:23:16

Type of Fit: Linear

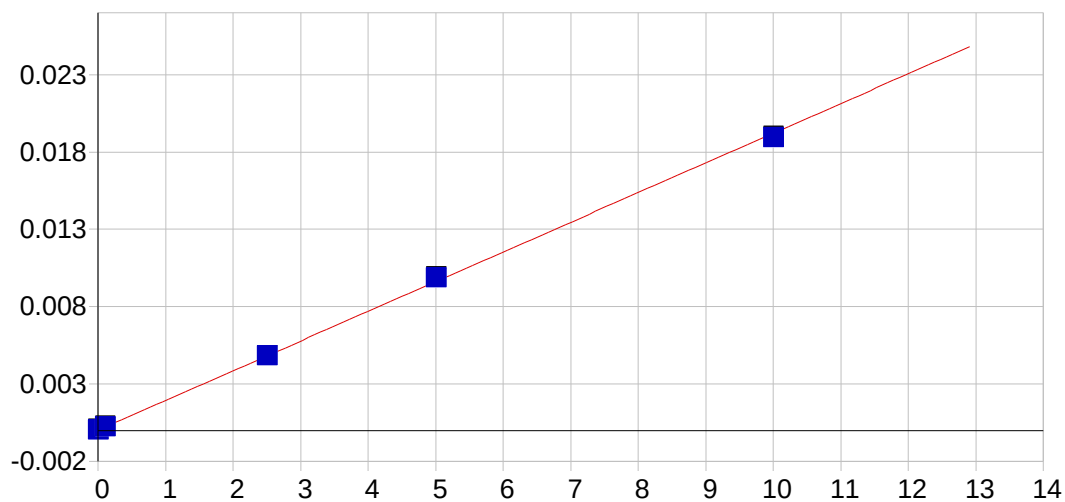
Weighting: 1/Conc

A0 (Offset): 0.000196
 A1 (Gain): 0.619974
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999636
 Std Error of Est: 0.001285
 Predicted MDL: 0.000250
 Predicted MQL: 0.000833

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00018	.000	1
S1	.20000	.21642	.016	8.21	.13437	.000	1
S3	2.5000	2.5793	.079	3.17	1.5993	.002	1
S4	5.0000	5.1357	.136	2.71	3.1842	.001	1
S5	10.000	9.7686	-.231	-2.31	6.0564	.006	1

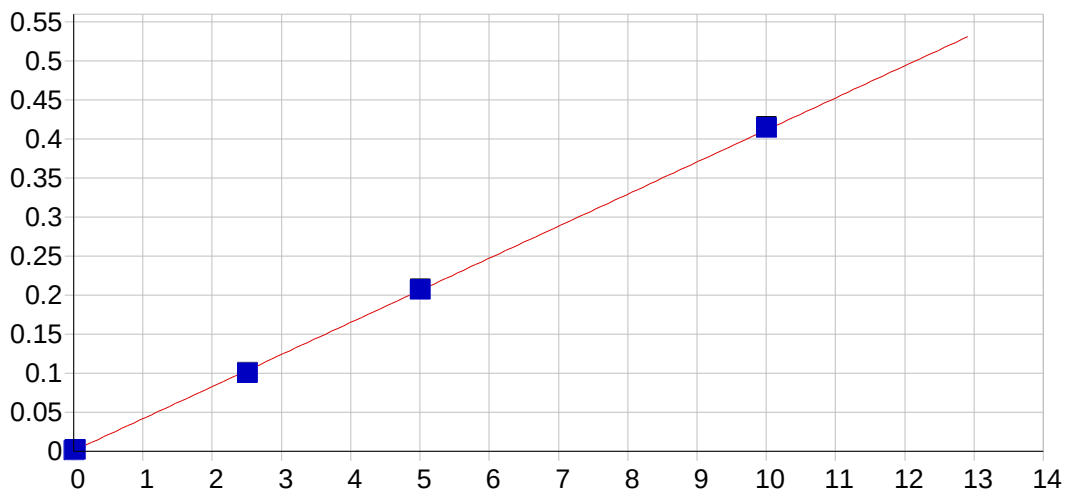


B 249.678 {135}

Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000017 Re-Slope: 1.000000
 A1 (Gain): 0.001919 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999810 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.011934
 Predicted MQL: 0.039782

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00002	.000	1
S1	.10000	.10933	.009	9.33	.00023	.000	1
S3	2.5000	2.5044	.004	.176	.00481	.000	1
S4	5.0000	5.1340	.134	2.68	.00985	.000	1
S5	10.000	9.8523	-.148	-1.48	.01888	.000	1



S 182.034 {485}

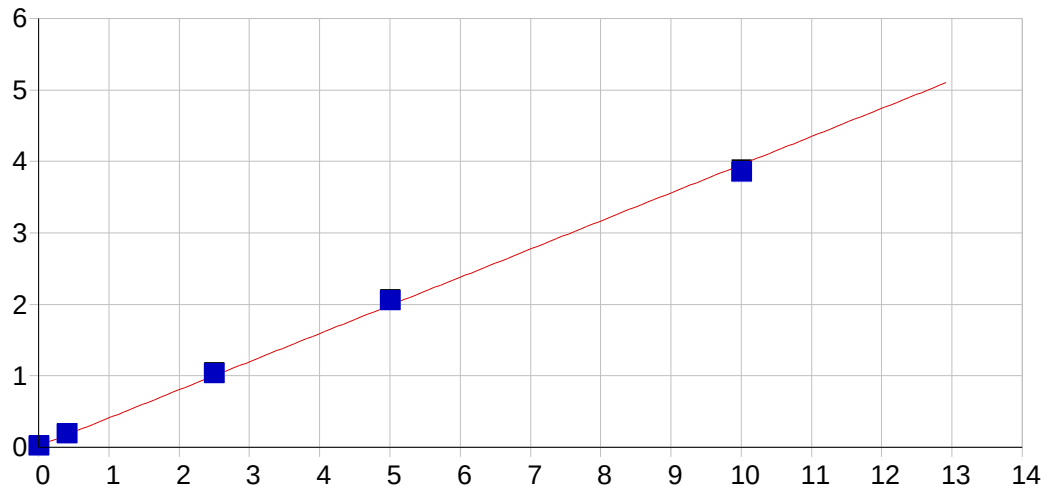
Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000669 Re-Slope: 1.000000
 A1 (Gain): 0.041094 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916
 Std Error of Est: 0.000013
 Predicted MDL: 0.002481
 Predicted MQL: 0.008270

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00067	.000	1
S1	.02000	.02121	.001	6.07	.00152	.000	1
S3	2.5000	2.4216	-.078	-3.14	.10007	.000	1
S4	5.0000	5.0187	.019	.374	.20668	.001	1
S5	10.000	10.059	.059	.585	.41356	.001	1



Si 288.158 {117}

Date of Fit: 4/16/2019 16:23:16

Type of Fit: Linear

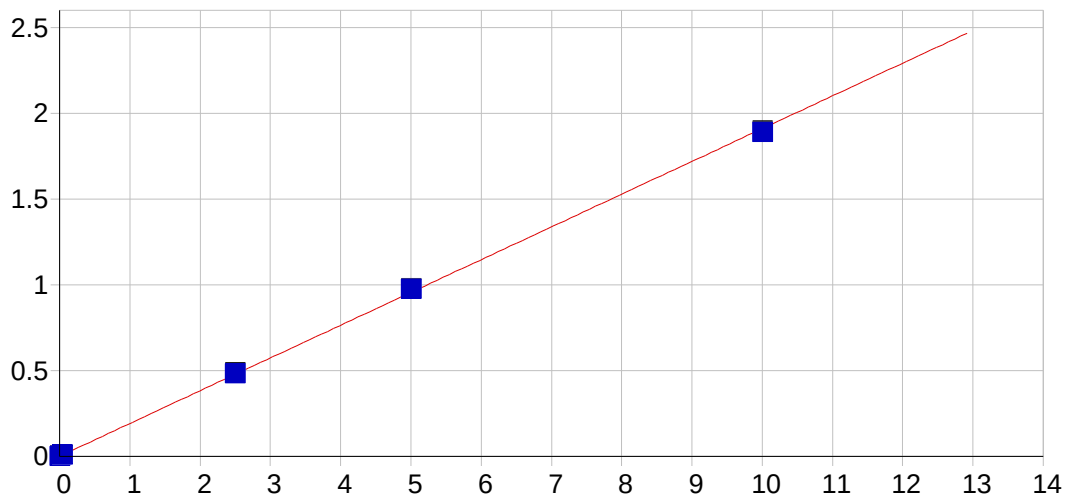
Weighting: 1/Conc

A0 (Offset): 0.017102
 A1 (Gain): 0.393726
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999521
 Std Error of Est: 0.001330
 Predicted MDL: 0.002339
 Predicted MQL: 0.007796

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	.01708	.001	1
S1	.40000	.42871	.029	7.18	.18577	.002	1
S3	2.5000	2.5760	.076	3.04	1.0308	.007	1
S4	5.0000	5.1653	.165	3.31	2.0498	.010	1
S5	10.000	9.7299	-.270	-2.70	3.8459	.026	1

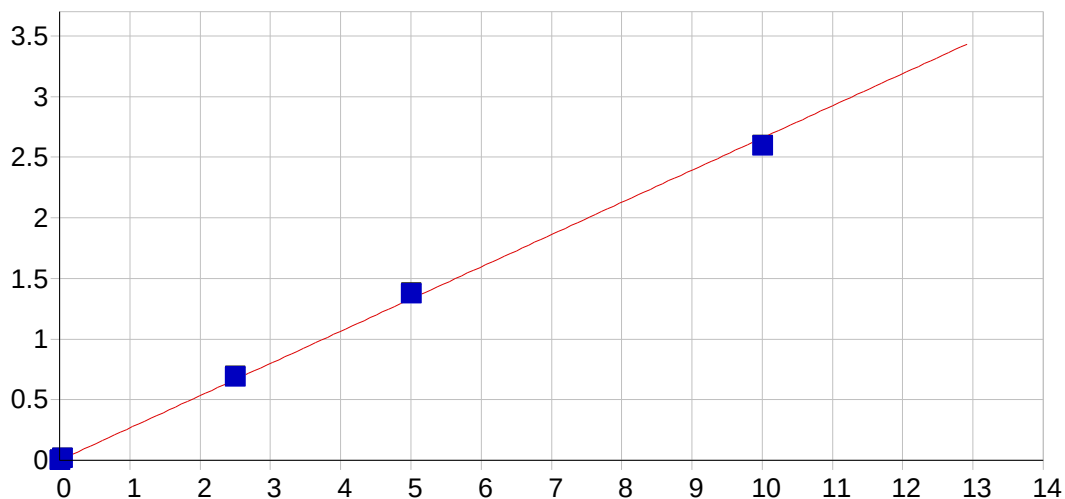


Sn 189.989 {477}

Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000887 Re-Slope: 1.000000
 A1 (Gain): 0.190937 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: OK.
 Std Error of Est: 0.000090
 Predicted MDL: 0.000566
 Predicted MQL: 0.001887

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00089	.000	1
S1	.04000	.03881	-.001	-2.98	.00830	.000	1
S3	2.5000	2.5230	.023	.922	.48271	.002	1
S4	5.0000	5.0937	.094	1.87	.97362	.002	1
S5	10.000	9.8845	-.116	-1.16	1.8885	.006	1



Ti 336.121 {100}

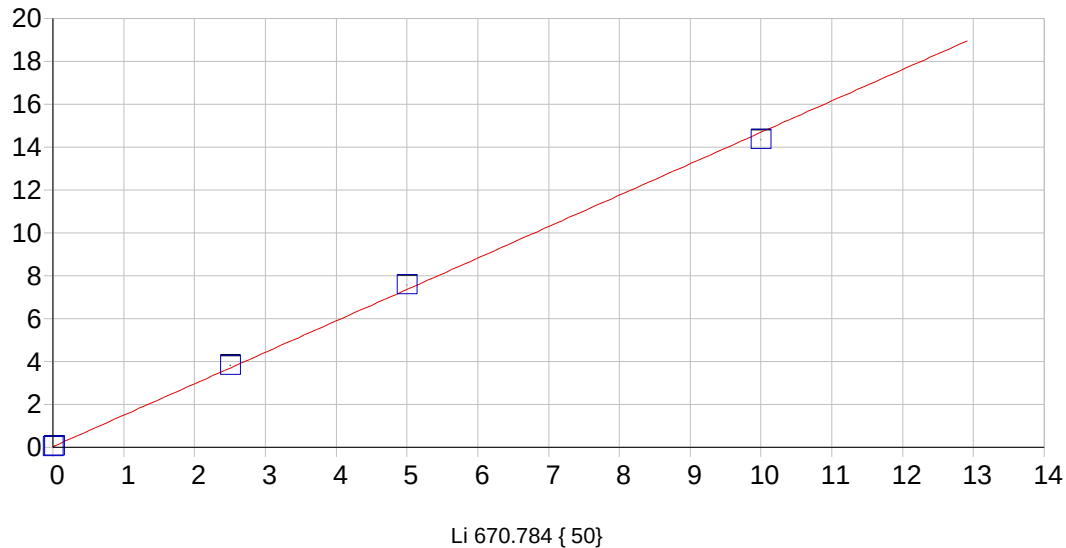
Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001727 Re-Slope: 1.000000
 A1 (Gain): 0.265656 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999599
 Std Error of Est: 0.000257
 Predicted MDL: 0.001938
 Predicted MQL: 0.006459

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00173	.000	1
S1	.04000	.04334	.003	8.36	.01324	.001	1
S3	2.5000	2.5764	.076	3.06	.68609	.004	1
S4	5.0000	5.1652	.165	3.30	1.3737	.006	1
S5	10.000	9.7550	-.245	-2.45	2.5929	.001	1



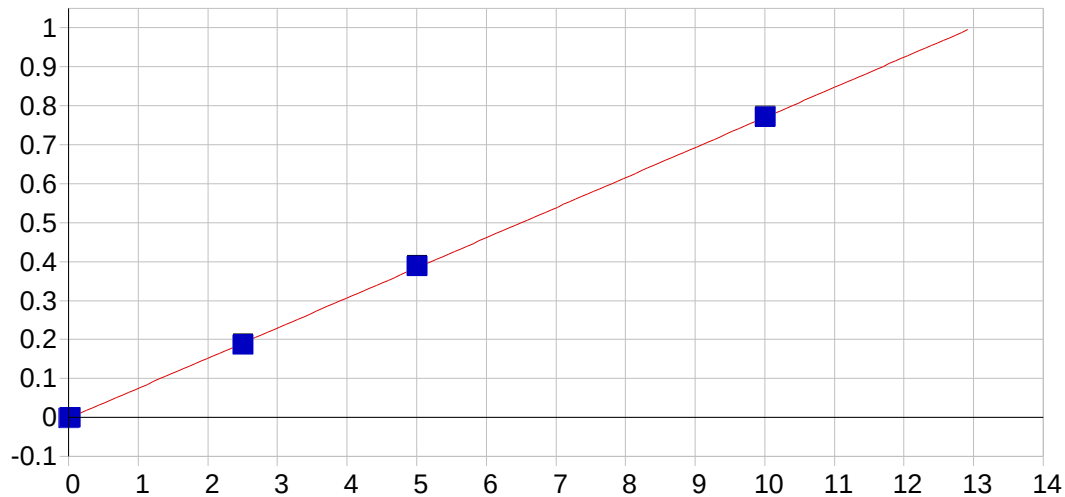
Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.030152
 A1 (Gain): 1.466128
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999621
 Std Error of Est: 0.000975
 Predicted MDL: 0.001719
 Predicted MQL: 0.005728

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	.03015	.003	1
S1	.02000	.01858	-.001	-7.10	.05739	.002	1
S3	2.5000	2.5921	.092	3.69	3.8306	.030	1
S4	5.0000	5.1451	.145	2.90	7.5736	.014	1
S5	10.000	9.7641	-.236	-2.36	14.346	.008	1

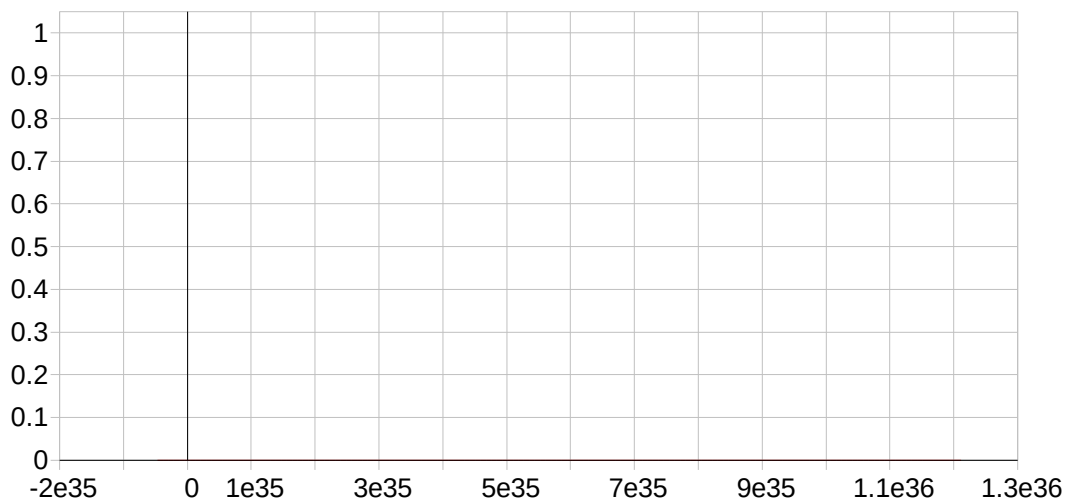


P 177.495 {490}

Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002308 Re-Slope: 1.000000
 A1 (Gain): 0.077231 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999921 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.001316
 Predicted MQL: 0.004386

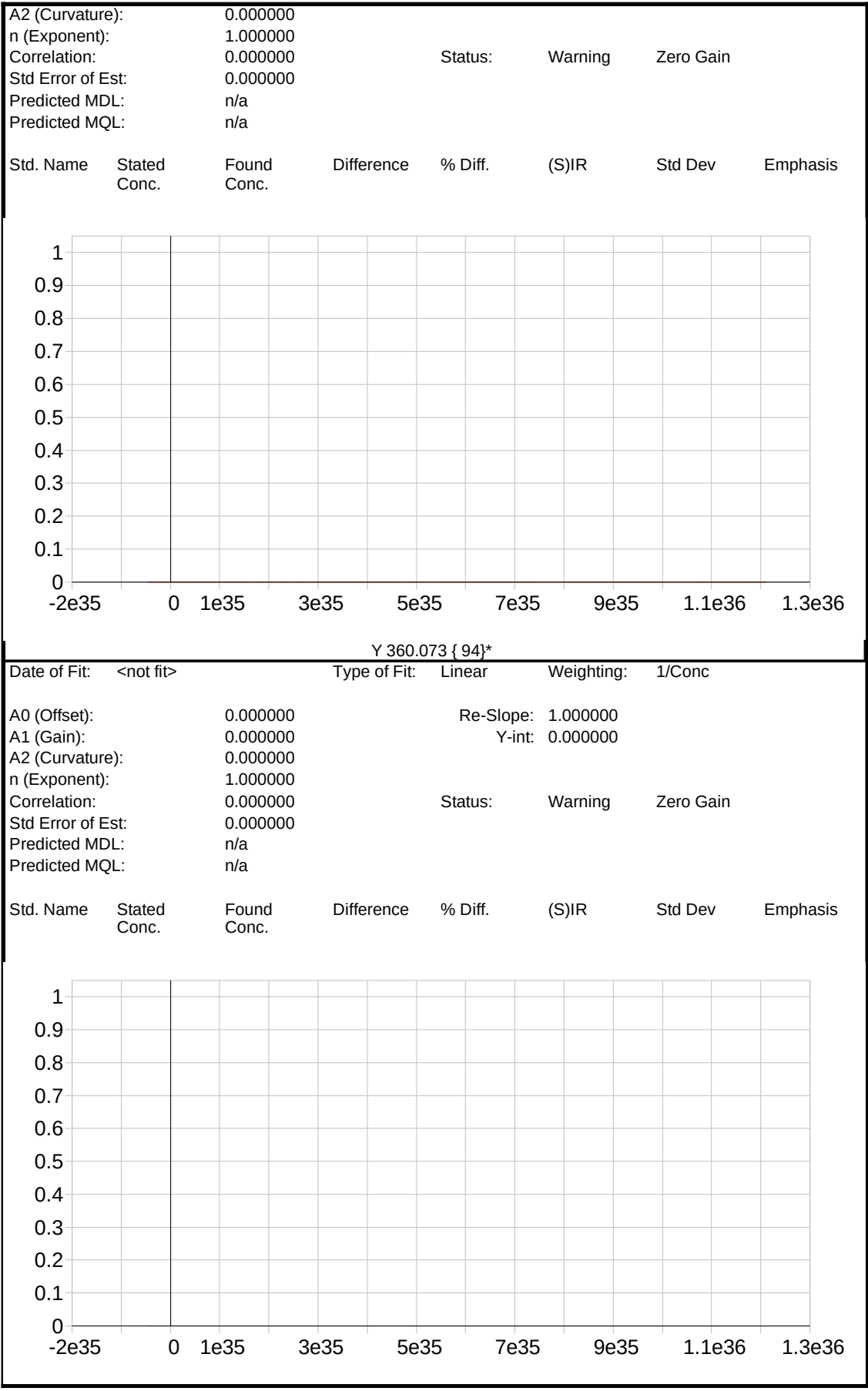
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00231	.000	1
S1	.02000	.01566	-.004	-21.7	-.00110	.000	1
S3	2.5000	2.4423	-.058	-2.31	.18603	.001	1
S4	5.0000	5.0482	.048	.964	.38701	.002	1
S5	10.000	10.014	.014	.139	.76995	.002	1

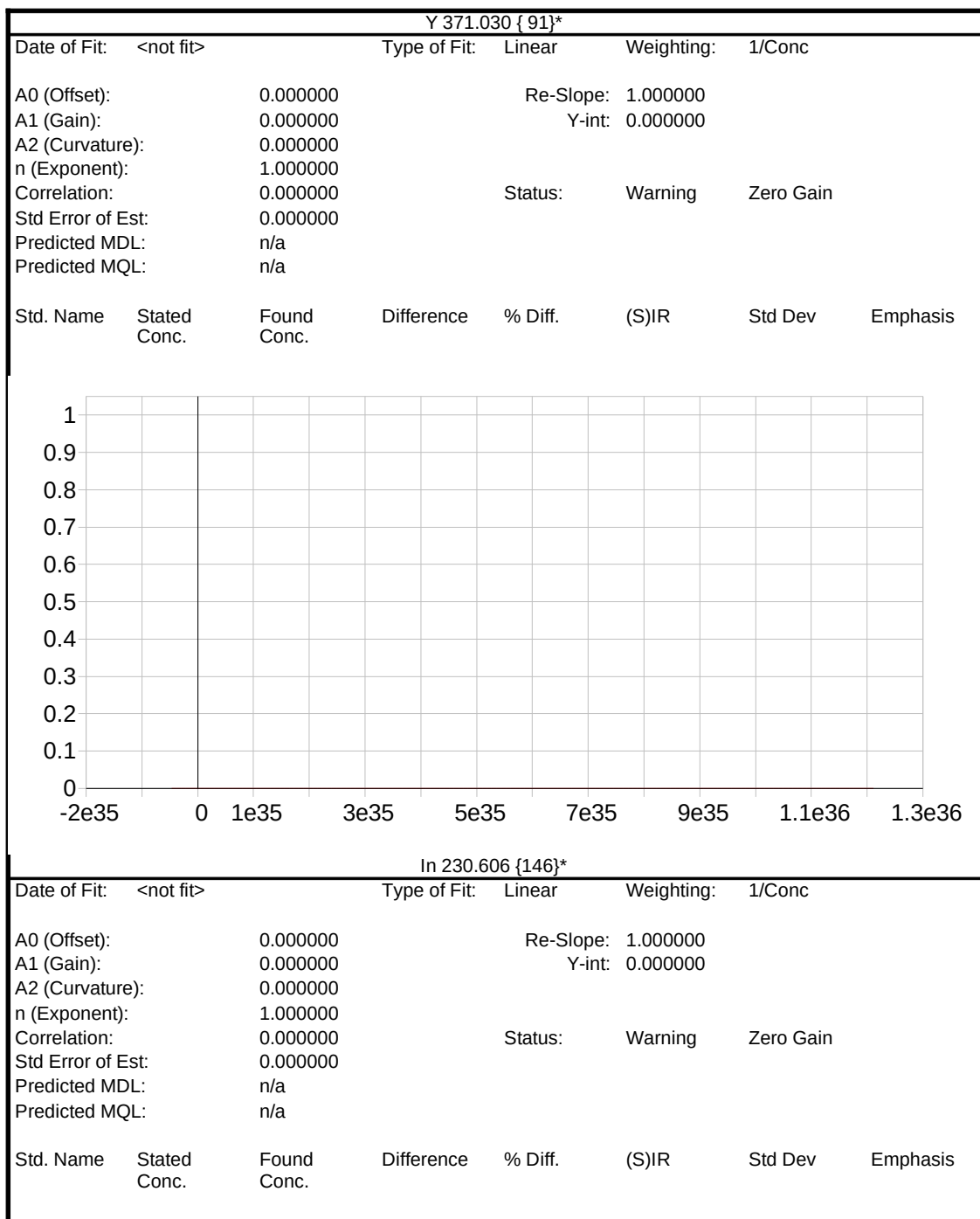


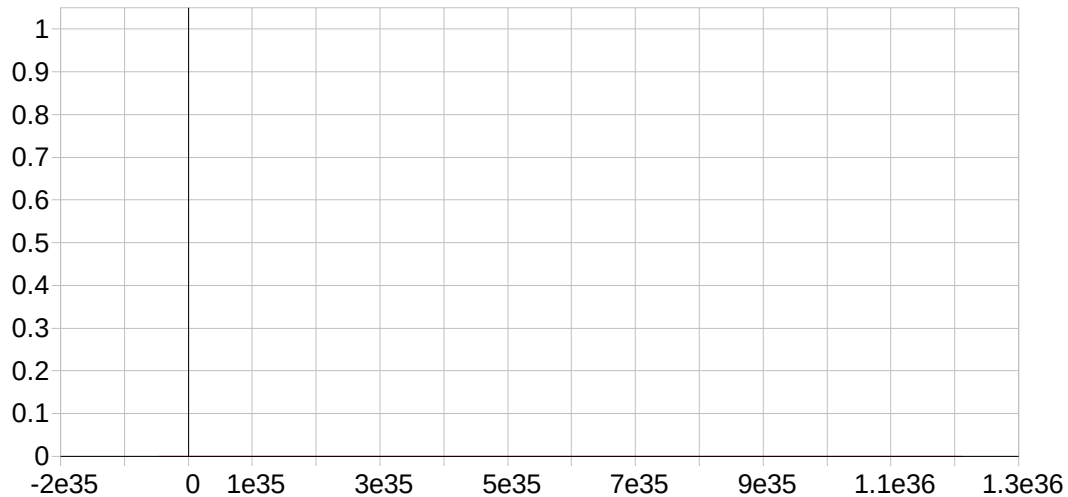
Y 224.306 {450}*

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

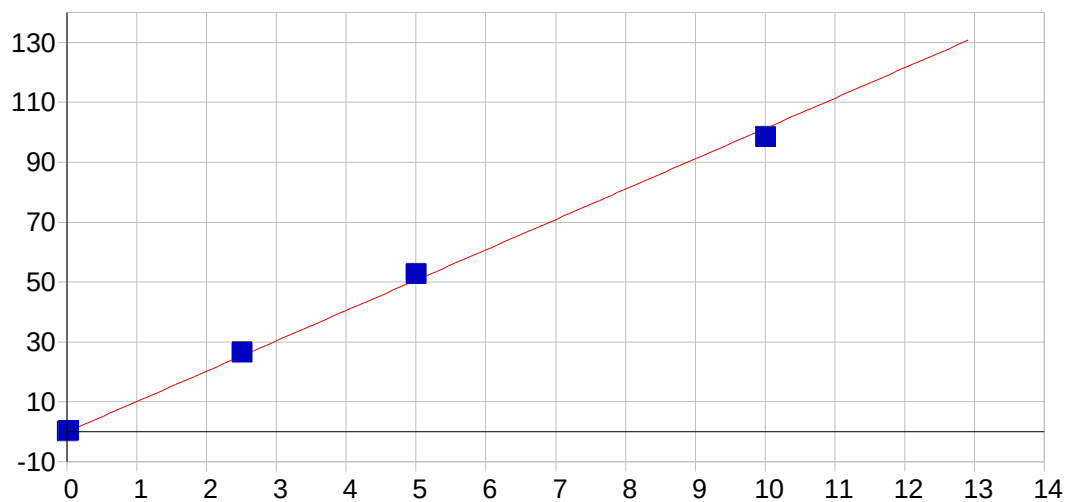
Status: Warning Zero Gain

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: 4/16/2019 16:23:16

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006107

Re-Slope: 1.000000

A1 (Gain): 10.127146

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999403

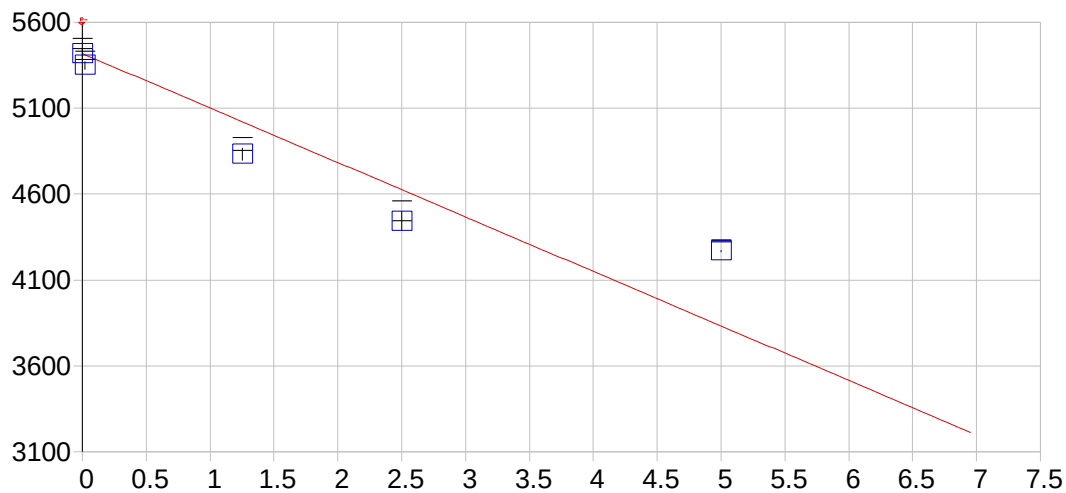
Status: OK.

Std Error of Est: 0.008462

Predicted MDL: 0.000100

Predicted MQL: 0.000333

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00613	.001	1
S1	.02000	.02157	.002	7.85	.21345	.000	1
S3	2.5000	2.6035	.103	4.14	26.387	.122	1
S4	5.0000	5.1947	.195	3.89	52.657	.089	1
S5	10.000	9.7003	-.300	-3.00	98.342	.301	1

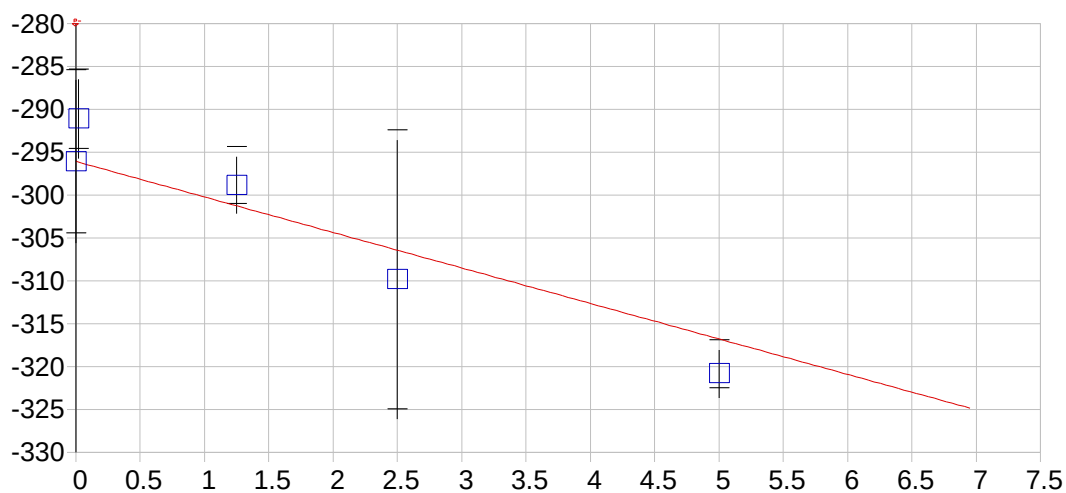


U 367.007 { 92 }

Date of Fit: 4/16/2019 16:23:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 5418.372026 Re-Slope: 1.000000
A1 (Gain): -317.115767 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.870776 Status: Warning Negative Gain
Std Error of Est: 3.059863
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00021	-.000	.000	5418.4	30.6	1
S1	.02000	.21990	.200	999.	5348.6	23.0	1
S3	1.2500	1.8476	.598	47.8	4832.5	37.3	1
S4	2.5000	3.0762	.576	23.0	4442.8	57.8	1
S5	5.0000	3.6263	-1.37	-27.5	4268.4	6.38	1



U 385.958 { 87}

Date of Fit: 4/16/2019 16:23:16

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -296.081139

Re-Slope: 1.000000

A1 (Gain): -4.137619

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.322194

Status: Warning Negative Gain

Std Error of Est: 0.207750

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00122	.001	.000	-296.09	9.49	1
S1	.02000	-1.2039	-1.22	-6120.	-291.10	4.61	1
S3	1.2500	.66910	-.581	-46.5	-298.85	3.34	1
S4	2.5000	3.3252	.825	33.0	-309.84	16.3	1
S5	5.0000	5.9796	.980	19.6	-320.82	2.80	1

Sample Name: S0 Acquired: 4/16/2019 11:21:26 Type: Cal
Method: P4-ICP2(v3052) 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	-.00008	.00032	.00162	-.00024	.00067	.00085	.00138	-.00004
Stddev	.00005	.00007	.00020	.00008	.00004	.00004	.00008	.00003
%RSD	61.760	22.972	12.339	32.990	5.9948	4.8317	5.7036	63.134

#1	-.00005	.00031	.00144	-.00033	.00067	.00086	.00132	-.00003
#2	-.00005	.00040	.00158	-.00019	.00064	.00089	.00134	-.00008
#3	-.00014	.00026	.00184	-.00020	.00072	.00081	.00147	-.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	-.00032	.00057	-.00003	-.00030	.00226	.00073	.00011	.00005
Stddev	.00020	.00020	.00002	.00005	.00022	.00002	.00001	.00001
%RSD	63.129	35.516	81.617	18.124	9.7166	2.4017	7.9978	23.588

#1	-.00010	.00042	-.00001	-.00024	.00202	.00075	.00012	.00005
#2	-.00038	.00080	-.00003	-.00035	.00246	.00074	.00011	.00004
#3	-.00049	.00049	-.00006	-.00031	.00230	.00071	.00011	.00007

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00701	.00081	.00305	.00030	.00250	.00121	.00018	.00002
Stddev	.00021	.00008	.00033	.00010	.00014	.00008	.00012	.00004
%RSD	2.9690	9.5946	10.901	34.659	5.6716	6.3778	65.918	214.48

#1	-.00713	.00072	.00279	.00042	.00255	.00129	.00005	.00006
#2	-.00677	.00085	.00292	.00023	.00234	.00114	.00022	-.00002
#3	-.00713	.00085	.00342	.00025	.00261	.00121	.00028	.00001

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	.00067	.01708	.00089	.00173	.03015	-.0023	-.00613	5418.4
Stddev	.00008	.00134	.00012	.00044	.00333	.0000	.00112	30.6
%RSD	11.848	7.8431	13.301	25.394	11.046	1.479	18.208	.56454

#1	.00058	.01835	.00094	.00133	.02806	-.0023	-.00485	5422.0
#2	.00071	.01723	.00097	.00165	.02840	-.0023	-.00688	5447.1
#3	.00072	.01568	.00075	.00220	.03399	-.0023	-.00667	5386.2

Sample Name: S0 Acquired: 4/16/2019 11:21:26 Type: Cal
 Method: P4-ICP2(v3052) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-296.09
Stddev	9.49
%RSD	3.2037

#1	-307.04
#2	-290.73
#3	-290.49

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5338.6	61841.	5795.3	76.205	5643.5
Stddev	12.9	241.	13.0	2.821	8.4
%RSD	.24254	.39012	.22441	3.7020	.14947

#1	5327.0	61638.	5780.6	73.050	5635.1
#2	5336.1	61777.	5799.8	77.082	5643.5
#3	5352.6	62108.	5805.5	78.484	5652.0

Sample Name: S1 Acquired: 4/16/2019 11:25:52 Type: Cal
Method: P4-ICP2(v3052) 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	.00091	.00565	.00395	.00097	.00634	.00176	.03138	.00457
Stddev	.00004	.00010	.00016	.00014	.00005	.00006	.00026	.00003
%RSD	4.0226	1.6999	4.0798	14.890	.85758	3.5697	.84373	.55265

#1	.00094	.00571	.00379	.00087	.00628	.00181	.03110	.00458
#2	.00092	.00569	.00395	.00114	.00638	.00169	.03163	.00459
#3	.00087	.00554	.00411	.00090	.00635	.00177	.03140	.00454

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	.02192	.00202	.02845	.01691	.00992	.02169	.01667	.00296
Stddev	.00010	.00005	.00021	.00012	.00007	.00027	.00002	.00001
%RSD	.45196	2.4303	.73677	.71978	.68498	1.2579	.13168	.50145

#1	.02203	.00200	.02859	.01681	.00997	.02182	.01665	.00295
#2	.02184	.00207	.02821	.01688	.00994	.02187	.01667	.00296
#3	.02190	.00198	.02856	.01704	.00984	.02138	.01669	.00298

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	.00850	.06705	.13437	.00023	.00152	.18577	.00830	.01324
Stddev	.00006	.00035	.00006	.00003	.00014	.00152	.00010	.00050
%RSD	.70267	.52317	.04658	12.340	9.3980	.81936	1.2122	3.7816

#1	.00845	.06665	.13431	.00026	.00163	.18752	.00839	.01381
#2	.00856	.06725	.13436	.00020	.00136	.18498	.00819	.01296
#3	.00848	.06726	.13443	.00022	.00156	.18480	.00830	.01293

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05739	-.0011	.21345	5348.6	-291.10
Stddev	.00243	.0001	.00046	23.0	4.61
%RSD	4.2370	4.765	.21562	.42942	1.5835

#1	.05855	-.0011	.21296	5371.9	-288.39
#2	.05460	-.0011	.21387	5325.9	-296.42
#3	.05903	-.0010	.21353	5348.1	-288.48

Sample Name: S1 Acquired: 4/16/2019 11:25:52 Type: Cal
Method: P4-ICP2(v3052) 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	5330.1	61706.	5867.5	79.099	5552.6
Stddev	10.9	213.	45.2	1.623	4.8
%RSD	.20475	.34451	.77040	2.0515	.08692
#1	5333.3	61502.	5815.5	77.475	5548.5
#2	5318.0	61689.	5897.1	80.720	5551.4
#3	5339.1	61927.	5889.9	79.102	5557.9

Sample Name: S2 Acquired: 4/16/2019 11:30:15 Type: Cal
 Method: P4-ICP2(v3052) 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	.10286	.00135	.05670	.01627
Stddev	.00072	.00003	.00017	.00019
%RSD	.69773	2.0383	.30112	1.1740

#1	.10215	.00133	.05654	.01606
#2	.10358	.00134	.05669	.01631
#3	.10285	.00139	.05688	.01644

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	62553.	5950.8
Stddev	24.	25.3
%RSD	.03871	.42564

#1	62529.	5932.3
#2	62577.	5940.4
#3	62555.	5979.7

Sample Name: S3 Acquired: 4/16/2019 11:34:26 Type: Cal
Method: P4-ICP2(v3052) 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	.10952	.33922	.49677	.14063	.28802	.03907	1.4628	.09312
Stddev	.00020	.00050	.00042	.00050	.00080	.00016	.0077	.00011
%RSD	.18650	.14886	.08468	.35778	.27870	.40249	.52739	.11622

#1	.10945	.33902	.49698	.14091	.28895	.03905	1.4642	.09308
#2	.10936	.33979	.49704	.14092	.28761	.03892	1.4545	.09324
#3	.10975	.33884	.49629	.14005	.28750	.03923	1.4698	.09304

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	4.6432	.59538	.09786	1.2339	.43631	.22214	1.2507	.00787
Stddev	.0010	.00090	.00037	.0006	.00209	.00011	.0023	.00005
%RSD	.02110	.15073	.37748	.05063	.47911	.04762	.18626	.57481

#1	4.6424	.59599	.09826	1.2340	.43872	.22216	1.2534	.00788
#2	4.6429	.59579	.09753	1.2344	.43500	.22203	1.2497	.00782
#3	4.6443	.59435	.09780	1.2332	.43520	.22224	1.2490	.00790

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	.73018	.12417	.33313	.25376	2.0781	.09400	1.5993	.00481
Stddev	.00117	.00004	.00212	.00029	.0018	.00078	.0021	.00001
%RSD	.15984	.03137	.63777	.11466	.08750	.83047	.13240	.26448

#1	.72907	.12413	.33269	.25405	2.0767	.09385	1.5987	.00480
#2	.73140	.12416	.33125	.25375	2.0802	.09331	1.6016	.00482
#3	.73008	.12421	.33543	.25347	2.0774	.09485	1.5975	.00481

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	.10007	1.0308	.48271	.68609	3.8306	.1860	26.387	4832.5
Stddev	.00035	.0066	.00235	.00414	.0296	.0007	.122	37.3
%RSD	.35409	.63659	.48612	.60366	.77291	.3943	.46194	.77156

#1	.10037	1.0285	.48493	.68278	3.8343	.1869	26.330	4874.8
#2	.09968	1.0382	.48295	.69073	3.8581	.1858	26.527	4804.5
#3	.10016	1.0258	.48026	.68476	3.7993	.1855	26.305	4818.1

Sample Name: S3 Acquired: 4/16/2019 11:34:26 Type: Cal
 Method: P4-ICP2(v3052) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-298.85
Stddev	3.34
%RSD	1.1184

#1	-296.77
#2	-297.07
#3	-302.71

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5174.0	60636.	5919.3	77.559	5127.6
Stddev	7.0	52.	51.9	.767	2.6
%RSD	.13530	.08595	.87652	.98942	.05051

#1	5167.6	60576.	5930.2	77.668	5126.7
#2	5173.0	60669.	5862.9	78.266	5125.6
#3	5181.5	60663.	5964.9	76.743	5130.6

Sample Name: S4 Acquired: 4/16/2019 11:38:25 Type: Cal
Method: P4-ICP2(v3052) 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	.22123	.68082	.99901	.28289	.57808	.07798	2.9187	.18750
Stddev	.00032	.00103	.00082	.00051	.00055	.00045	.0201	.00065
%RSD	.14435	.15056	.08207	.17953	.09594	.57382	.68917	.34715

#1	.22135	.67969	.99827	.28336	.57746	.07775	2.9105	.18753
#2	.22087	.68111	.99887	.28296	.57827	.07849	2.9417	.18813
#3	.22148	.68168	.99989	.28235	.57852	.07769	2.9041	.18683

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	9.4691	1.1824	.19442	2.5093	.85875	.43570	2.4886	.01565
Stddev	.0170	.0040	.00012	.0034	.00128	.00091	.0032	.00014
%RSD	.18005	.34257	.06394	.13346	.14950	.20787	.12645	.89251

#1	9.4495	1.1778	.19456	2.5058	.85728	.43560	2.4879	.01555
#2	9.4809	1.1855	.19434	2.5096	.85957	.43665	2.4921	.01581
#3	9.4768	1.1838	.19436	2.5125	.85942	.43485	2.4859	.01559

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	1.4801	.24643	.67441	.50806	4.2286	.19000	3.1842	.00985
Stddev	.0016	.00045	.00121	.00098	.0026	.00114	.0012	.00006
%RSD	.11031	.18120	.17936	.19381	.06236	.59819	.03851	.57081

#1	1.4782	.24691	.67561	.50805	4.2258	.19073	3.1838	.00983
#2	1.4811	.24637	.67443	.50905	4.2291	.19058	3.1856	.00991
#3	1.4810	.24602	.67319	.50708	4.2310	.18869	3.1833	.00980

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	.20668	2.0498	.97362	1.3737	7.5736	.3870	52.657	4442.8
Stddev	.00067	.0097	.00200	.0056	.0138	.0015	.089	57.8
%RSD	.32182	.47310	.20557	.40900	.18177	.3889	.16960	1.3013

#1	.20591	2.0490	.97170	1.3680	7.5585	.3853	52.753	4493.7
#2	.20710	2.0405	.97347	1.3793	7.5854	.3879	52.641	4380.0
#3	.20702	2.0598	.97569	1.3739	7.5768	.3879	52.576	4454.9

Sample Name: S4 Acquired: 4/16/2019 11:38:25 Type: Cal
Method: P4-ICP2(v3052) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-309.84
Stddev	16.28
%RSD	5.2533

#1	-291.11
#2	-317.85
#3	-320.56

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4953.7	58231.	5751.9	74.462	4780.9
Stddev	10.8	161.	4.2	2.429	13.2
%RSD	.21762	.27570	.07255	3.2623	.27546

#1	4966.0	58179.	5755.9	72.784	4796.0
#2	4945.6	58103.	5747.6	77.248	4771.6
#3	4949.6	58411.	5752.3	73.355	4775.1

Sample Name: S5 Acquired: 4/16/2019 11:42:32 Type: Cal
Method: P4-ICP2(v3052) 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	.42570	1.3001	1.9321	.54213	1.1108	.14845	5.5995	.35734
Stddev	.00087	.0036	.0032	.00033	.0013	.00060	.0336	.00015
%RSD	.20502	.27790	.16393	.06022	.12013	.40594	.59964	.04240

#1	.42558	1.2967	1.9288	.54194	1.1122	.14901	5.6094	.35727
#2	.42662	1.3039	1.9352	.54251	1.1095	.14852	5.5621	.35725
#3	.42489	1.2997	1.9323	.54195	1.1108	.14781	5.6271	.35752

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	18.387	2.2198	.36693	4.8932	1.6157	.82156	4.6676	.02979
Stddev	.020	.0003	.00035	.0045	.0023	.00100	.0173	.00011
%RSD	.10652	.01415	.09468	.09090	.14331	.12194	.37013	.37960

#1	18.389	2.2201	.36690	4.8900	1.6183	.82043	4.6868	.02990
#2	18.406	2.2195	.36729	4.8983	1.6145	.82188	4.6533	.02968
#3	18.367	2.2198	.36659	4.8914	1.6142	.82236	4.6627	.02979

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	2.8753	.47000	1.2954	.96969	8.2821	.36431	6.0564	.01888
Stddev	.0049	.00041	.0074	.00119	.0084	.00192	.0059	.00008
%RSD	.16983	.08692	.56804	.12289	.10126	.52727	.09786	.40583

#1	2.8720	.46956	1.3033	.96832	8.2787	.36632	6.0566	.01895
#2	2.8809	.47007	1.2939	.97023	8.2916	.36412	6.0623	.01889
#3	2.8731	.47036	1.2888	.97051	8.2759	.36249	6.0504	.01880

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	.41356	3.8459	1.8885	2.5929	14.346	.7700	98.342	4268.4
Stddev	.00147	.0258	.0062	.0012	.008	.0021	.301	6.4
%RSD	.35469	.67065	.32604	.04542	.05375	.2685	.30618	.14940

#1	.41209	3.8193	1.8842	2.5915	14.354	.7682	98.205	4271.6
#2	.41502	3.8477	1.8956	2.5932	14.344	.7722	98.687	4261.1
#3	.41356	3.8708	1.8858	2.5938	14.339	.7694	98.133	4272.6

Sample Name: S5 Acquired: 4/16/2019 11:42:32 Type: Cal
Method: P4-ICP2(v3052) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-320.82
Stddev	2.80
%RSD	.87237

#1	-320.22
#2	-318.37
#3	-323.87

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4919.1	58509.	5853.1	75.363	4602.4
Stddev	11.4	198.	2.8	2.206	5.9
%RSD	.23251	.33825	.04707	2.9268	.12758

#1	4906.4	58298.	5854.6	75.925	4595.7
#2	4928.6	58540.	5854.8	72.931	4606.6
#3	4922.4	58690.	5849.9	77.234	4604.9

Sample Name: ICV01 Acquired: 4/16/2019 11:46:55 Type: Unk
Method: P4-ICP2(v3052) 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	1.0176	1.0660	1.0137	.98061	1.0030	2.5602	.50337
Stddev	.0035	.0055	.0039	.00274	.0034	.0184	.00029
%RSD	.34554	.51970	.38397	.27913	.33884	.71957	.05717

#1	1.0169	1.0630	1.0167	.97751	.99906	2.5423	.50305
#2	1.0213	1.0627	1.0093	.98270	1.0047	2.5791	.50361
#3	1.0144	1.0724	1.0151	.98162	1.0052	2.5593	.50345

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50512	.49188	10.476	.51334	.50710	.53520	5.2176
Stddev	.00069	.00068	.022	.00101	.00056	.00115	.0057
%RSD	.13582	.13861	.21022	.19623	.11015	.21431	.10866

#1	.50439	.49263	10.484	.51266	.50648	.53539	5.2184
#2	.50522	.49169	10.451	.51449	.50756	.53397	5.2116
#3	.50576	.49130	10.493	.51285	.50727	.53625	5.2228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52147	6.0418	.50970	.51723	9.9860	.50362	.98664
Stddev	.00047	.0424	.00081	.00040	.0377	.00023	.00095
%RSD	.08924	.70104	.15905	.07735	.37714	.04478	.09676

#1	.52131	6.0658	.50967	.51736	9.9541	.50343	.98774
#2	.52110	5.9929	.50891	.51678	10.028	.50387	.98614
#3	.52199	6.0667	.51053	.51754	9.9763	.50355	.98604

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.017	2.5549	2.5182	F .00190	2.4981	2.4943	2.6088
Stddev	.044	.0031	.0275	.00048	.0120	.0103	.0040
%RSD	.43503	.12305	1.0910	25.120	.48002	.41349	.15353

#1	9.9670	2.5515	2.4944	.00245	2.5117	2.4911	2.6043
#2	10.044	2.5553	2.5483	.00157	2.4938	2.4860	2.6101
#3	10.041	2.5577	2.5121	.00169	2.4889	2.5059	2.6119

Sample Name: ICV01 Acquired: 4/16/2019 11:46:55 Type: Unk
Method: P4-ICP2(v3052) 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 -.00165	F -.0001	F .00622	F 2.2283	F 2.8075
Stddev	.00007	.0016	.00009	.0765	.7809
%RSD	4.4397	1641.	1.4398	3.4343	27.816
#1	-.00174	-.0005	.00632	2.1838	3.6943
#2	-.00161	-.0014	.00616	2.1844	2.5052
#3	-.00161	.0017	.00619	2.3167	2.2228
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5205.1	61887.	5979.3	77.626	5239.1
Stddev	3.2	127.	24.0	1.182	7.4
%RSD	.06079	.20574	.40173	1.5229	.14217
#1	5202.3	61798.	5951.6	76.894	5230.6
#2	5204.5	61831.	5991.0	76.993	5242.3
#3	5208.5	62033.	5995.1	78.990	5244.4

Sample Name: LLICV01 Acquired: 4/16/2019 11:53:22 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02343	.04245	.01240	.02362	.05214	.11215	.10657	.00659
Stddev	.00199	.00013	.00099	.00016	.00064	.00429	.00059	.00012
%RSD	8.4968	.31572	7.9615	.69772	1.2205	3.8258	.55288	1.8823
#1	.02391	.04229	.01278	.02377	.05228	.11711	.10589	.00673
#2	.02514	.04254	.01314	.02365	.05270	.10968	.10695	.00656
#3	.02124	.04250	.01128	.02345	.05145	.10967	.10688	.00649
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00604	2.1963	.01090	.03023	.02242	.10898	.02291	2.1462
Stddev	.00007	.0127	.00038	.00012	.00049	.00068	.00014	.0544
%RSD	1.1360	.57779	3.4810	.39130	2.1976	.62681	.59422	2.5327
#1	.00605	2.1838	.01133	.03030	.02284	.10843	.02281	2.0853
#2	.00596	2.1960	.01061	.03030	.02188	.10974	.02287	2.1634
#3	.00610	2.2092	.01077	.03010	.02255	.10875	.02307	2.1899
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04127	.01089	2.0597	.04197	.03954	2.0516	.21851	.11901
Stddev	.00038	.00034	.0089	.00055	.00007	.0178	.00073	.00655
%RSD	.92882	3.0883	.43477	1.3109	.18446	.86619	.33196	5.5065
#1	.04160	.01052	2.0495	.04213	.03961	2.0373	.21836	.11306
#2	.04085	.01117	2.0631	.04136	.03955	2.0461	.21929	.11794
#3	.04136	.01100	2.0664	.04242	.03947	2.0715	.21786	.12603
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01687	.41639	.04035	.04258	.01874	F .0157	.02162	F 2.3693
Stddev	.00124	.00080	.00041	.00020	.00072	.0016	.00012	.0781
%RSD	7.3670	.19166	1.0162	.47072	3.8585	10.12	.54308	3.2954
#1	.01547	.41708	.04021	.04248	.01905	.0154	.02156	2.4072
#2	.01787	.41552	.04081	.04246	.01792	.0142	.02155	2.4213
#3	.01725	.41657	.04003	.04282	.01926	.0174	.02176	2.2796

Sample Name: LLICV01 Acquired: 4/16/2019 11:53:22 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 2.9063
 Stddev 2.6958
 %RSD 92.757

#1 -.19317
 #2 4.2064
 #3 4.7055

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5211.5	62217.	5931.9	77.863	5421.5
Stddev	5.8	128.	15.8	.783	9.4
%RSD	.11109	.20528	.26706	1.0060	.17293

#1	5208.7	62144.	5913.8	77.034	5411.9
#2	5207.7	62143.	5939.0	77.964	5422.1
#3	5218.2	62365.	5943.0	78.591	5430.6

Sample Name: ICB01 Acquired: 4/16/2019 11:57:44 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00135	-.00078	-.00089	-.00121	-.00028	-.01148	-.00002	-.00006
Stddev	.00279	.00048	.00062	.00218	.00188	.01360	.00035	.00009
%RSD	206.49	61.549	69.528	180.15	674.72	118.49	1516.9	151.94
#1	-.00094	-.00039	-.00158	.00076	.00040	-.00936	.00028	-.00014
#2	.00446	-.00131	-.00040	-.00355	.00117	-.02601	-.00040	-.00007
#3	.00053	-.00062	-.00068	-.00084	-.00241	.00094	.00005	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00750	-.00045	.00003	-.00042	.00015	-.00001	-.00944
Stddev	.00006	.01028	.00025	.00013	.00043	.00030	.00003	.05011
%RSD	602.70	137.11	54.426	498.55	101.37	208.28	197.81	530.80
#1	-.00005	-.00312	-.00023	.00000	-.00044	-.00008	-.00002	-.06684
#2	-.00004	.00820	-.00072	.00016	.00002	.00003	.00002	.02554
#3	.00006	.01741	-.00041	-.00009	-.00084	.00049	-.00004	.01298
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.00049	-.04931	-.00007	-.00031	-.06830	-.00026	-.00733
Stddev	.00032	.00036	.00719	.00051	.00008	.01277	.00011	.00676
%RSD	197.78	74.072	14.576	737.51	27.586	18.691	41.480	92.212
#1	.00018	.00077	-.05298	-.00042	-.00021	-.07657	-.00016	-.01481
#2	.00047	.00008	-.04103	.00052	-.00038	-.07473	-.00024	-.00165
#3	-.00017	.00062	-.05392	-.00030	-.00033	-.05360	-.00038	-.00553
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00220	-.00112	-.00102	-.00126	-.00381	-.0029	-.00008	F 2.1726
Stddev	.00365	.00104	.00039	.00068	.00176	.0008	.00009	.1215
%RSD	165.48	93.150	38.483	53.625	46.256	27.08	108.45	5.5935
#1	.00184	-.00006	-.00058	-.00052	-.00511	-.0029	.00000	2.2729
#2	-.00525	-.00214	-.00133	-.00142	-.00452	-.0036	-.00017	2.2073
#3	-.00320	-.00115	-.00116	-.00184	-.00180	-.0021	-.00007	2.0375

Sample Name: ICB01 Acquired: 4/16/2019 11:57:44 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6612
Stddev	4.2981
%RSD	258.74

#1	6.5836
#2	-1.3489
#3	-.25117

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5233.0	62782.	6001.0	79.414	5508.3
Stddev	9.7	242.	22.6	.925	7.6
%RSD	.18551	.38604	.37598	1.1642	.13711

#1	5228.5	62684.	6001.9	78.525	5504.7
#2	5226.4	62604.	5978.0	80.370	5503.2
#3	5244.2	63058.	6023.1	79.348	5517.0

Sample Name: CRI01 Acquired: 4/16/2019 12:02:12 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02076	.04414	.01314	.02221	.05329	.11166	.11039	.00666
Stddev	.00112	.00107	.00124	.00247	.00130	.00307	.00061	.00009
%RSD	5.3930	2.4320	9.4051	11.101	2.4417	2.7487	.55063	1.4214
#1	.01947	.04533	.01196	.02504	.05179	.11173	.11092	.00670
#2	.02127	.04383	.01442	.02049	.05415	.10856	.11052	.00655
#3	.02153	.04325	.01302	.02111	.05393	.11470	.10973	.00672
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00626	2.2313	.01098	.03113	.02291	.11217	.02359	2.1245
Stddev	.00003	.0177	.00012	.00008	.00015	.00042	.00008	.0559
%RSD	.47646	.79469	1.1311	.26880	.64889	.37060	.34434	2.6328
#1	.00624	2.2112	.01085	.03121	.02286	.11170	.02364	2.1587
#2	.00624	2.2381	.01109	.03115	.02279	.11250	.02364	2.1548
#3	.00629	2.2446	.01100	.03104	.02308	.11230	.02350	2.0599
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04229	.01193	2.1113	.04263	.04039	2.0912	.22420	.10385
Stddev	.00033	.00016	.0040	.00049	.00009	.0149	.00097	.01058
%RSD	.79218	1.3244	.18873	1.1441	.22898	.71168	.43122	10.185
#1	.04195	.01211	2.1129	.04285	.04047	2.0938	.22529	.09268
#2	.04230	.01186	2.1067	.04297	.04029	2.0752	.22346	.11372
#3	.04262	.01182	2.1142	.04207	.04041	2.1047	.22384	.10515
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02036	.41725	.04008	.04431	.01853	.0154	.02217	F 3.0107
Stddev	.00318	.00451	.00049	.00146	.00192	.0007	.00006	.1657
%RSD	15.615	1.0814	1.2262	3.2994	10.344	4.426	.29152	5.5048
#1	.01675	.41428	.03973	.04596	.01942	.0147	.02210	2.9142
#2	.02276	.41501	.03986	.04377	.01984	.0154	.02223	3.2021
#3	.02156	.42244	.04064	.04319	.01633	.0161	.02219	2.9160

Sample Name: CRI01 Acquired: 4/16/2019 12:02:12 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 3.2812
Stddev	2.1870
%RSD	66.654

#1	1.9136
#2	2.1264
#3	5.8035

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5088.6	61032.	5870.1	77.210	5287.3
Stddev	4.8	175.	10.0	1.469	7.2
%RSD	.09472	.28607	.16986	1.9031	.13619

#1	5083.2	60834.	5859.1	76.927	5282.6
#2	5092.4	61099.	5878.5	75.902	5295.6
#3	5090.2	61163.	5872.7	78.800	5283.8

Sample Name: ICSA01 Acquired: 4/16/2019 12:06:35 Type: Unk
 Method: P4-ICP2(v3052) 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	-.00019	.00876	-.00050	-.01697	.00724	278.12	.00848	.00195
Stddev	.00365	.00017	.00137	.00341	.00295	1.59	.00004	.00005
%RSD	1939.7	1.9375	275.28	20.089	40.699	.57041	.50690	2.5188
#1	-.00277	.00857	-.00199	-.01477	.01036	276.70	.00853	.00190
#2	-.00178	.00889	.00069	-.01524	.00450	279.83	.00845	.00198
#3	.00399	.00884	-.00019	-.02089	.00687	277.83	.00845	.00199
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00221	257.45	.04927	-.00085	.00367	98.492	.01512	279.79
Stddev	.00003	.89	.00049	.00025	.00020	.428	.00011	2.00
%RSD	1.5787	.34661	.99283	28.922	5.5169	.43466	.74588	.71514
#1	-.00217	256.58	.04983	-.00096	.00344	98.001	.01501	277.85
#2	-.00224	257.39	.04895	-.00102	.00377	98.788	.01511	281.85
#3	-.00222	258.36	.04901	-.00057	.00381	98.688	.01524	279.66
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01308	-.00542	-.01368	.00180	-.01375	-.00026	-.00023	.05693
Stddev	.00027	.00016	.00536	.00012	.00005	.00816	.00012	.01161
%RSD	2.0312	2.9385	39.156	6.8574	.39134	3113.8	51.462	20.388
#1	-.01327	-.00525	-.01985	.00187	-.01371	.00097	-.00033	.06968
#2	-.01278	-.00546	-.01012	.00166	-.01373	-.00897	-.00026	.04699
#3	-.01320	-.00556	-.01109	.00187	-.01381	.00721	-.00010	.05411
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01128	-.00202	.00561	-.00137	.00920	-.0030	-.00173	5.0984
Stddev	.00651	.00115	.00013	.00044	.00183	.0008	.00074	.0839
%RSD	57.725	56.870	2.3029	32.007	19.873	24.89	42.690	1.6461
#1	.00635	-.00274	.00553	-.00131	.00709	-.0026	-.00097	5.1649
#2	.00882	-.00069	.00576	-.00097	.01027	-.0026	-.00244	5.1262
#3	.01866	-.00262	.00554	-.00184	.01024	-.0039	-.00178	5.0041

Sample Name: ICSA01 Acquired: 4/16/2019 12:06:35 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.97678
%RSD	52.379

#1	-2.9750
#2	-1.4822
#3	-1.1373

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4521.9	54177.	5607.7	69.679	4181.7
Stddev	4.4	205.	15.3	1.386	5.6
%RSD	.09623	.37923	.27208	1.9894	.13446

#1	4525.3	54389.	5612.4	69.542	4181.1
#2	4517.0	53979.	5620.0	68.365	4176.3
#3	4523.3	54163.	5590.6	71.128	4187.5

Sample Name: ICSAB01 Acquired: 4/16/2019 12:18:37 Type: Unk
Method: P4-ICP2(v3052) 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	.10004	.11693	.04996	.03014	.62874	265.33	.55507
Stddev	.00361	.00193	.00303	.00535	.00135	1.25	.00149
%RSD	3.6070	1.6540	6.0589	17.758	.21449	.46975	.26885

#1	.09830	.11916	.04937	.02397	.62838	265.46	.55529
#2	.09763	.11597	.04728	.03359	.63023	266.50	.55644
#3	.10419	.11567	.05324	.03285	.62761	264.02	.55348

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55422	1.0164	243.66	.55309	.51554	.50633	94.340
Stddev	.00111	.0021	.34	.00075	.00090	.00043	.340
%RSD	.19958	.20679	.14062	.13479	.17476	.08422	.36077

#1	.55468	1.0152	243.96	.55310	.51496	.50616	94.463
#2	.55502	1.0151	243.72	.55382	.51507	.50602	94.602
#3	.55296	1.0188	243.29	.55233	.51658	.50682	93.955

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53233	267.51	.99506	.21005	.06056	.50723	1.0810
Stddev	.00006	1.47	.00167	.00021	.00782	.00051	.0013
%RSD	.01067	.54824	.16770	.10148	12.905	.10099	.11825

#1	.53226	267.77	.99317	.21022	.05162	.50771	1.0799
#2	.53236	268.84	.99568	.21011	.06400	.50729	1.0807
#3	.53236	265.94	.99633	.20981	.06608	.50669	1.0824

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09275	1.0103	1.1536	F .01491	.88813	1.0303	1.0356
Stddev	.04065	.0022	.0085	.00554	.00749	.0033	.0036
%RSD	43.830	.21555	.73940	37.155	.84333	.32156	.34557

#1	.11378	1.0079	1.1633	.01220	.88885	1.0265	1.0314
#2	.11858	1.0108	1.1473	.01125	.88031	1.0314	1.0379
#3	.04589	1.0122	1.1503	.02129	.89523	1.0329	1.0374

Sample Name: ICSAB01 Acquired: 4/16/2019 12:18:37 Type: Unk
 Method: P4-ICP2(v3052) 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 .00689	F -.0035	F -.00210	5.1181	<.00000
Stddev	.00215	.0016	.00039	.0504	3.0866
%RSD	31.263	44.60	18.762	.98552	268.03

#1	.00519	-.0042	-.00198	5.0754	.07258
#2	.00931	-.0017	-.00254	5.1738	1.1352
#3	.00618	-.0046	-.00178	5.1051	-4.6625

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4567.8	54869.	5760.1	73.902	4223.5
Stddev	14.3	218.	5.8	.969	7.7
%RSD	.31210	.39799	.10139	1.3111	.18259

#1	4553.8	54844.	5754.7	74.133	4218.6
#2	4582.3	54664.	5766.3	74.734	4232.4
#3	4567.1	55098.	5759.5	72.838	4219.6

Sample Name: CCV01 Acquired: 4/16/2019 12:22:58 Type: Unk
Method: P4-ICP2(v3052) 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	5.0674	5.1320	5.0445	5.0735	5.0995	9.8889	10.016	.25575
Stddev	.0043	.0249	.0071	.0131	.0139	.0439	.039	.00088
%RSD	.08541	.48422	.14059	.25896	.27328	.44366	.39201	.34462
#1	5.0626	5.1520	5.0397	5.0766	5.0870	9.8435	9.9887	.25509
#2	5.0711	5.1042	5.0411	5.0591	5.1145	9.8921	10.061	.25675
#3	5.0684	5.1399	5.0526	5.0849	5.0969	9.9311	9.9973	.25541
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5176	25.196	.99942	2.5537	1.2658	5.0408	2.5772	25.120
Stddev	.0019	.019	.00170	.0028	.0023	.0072	.0021	.254
%RSD	.07517	.07566	.17014	.11057	.17961	.14195	.08316	1.0118
#1	2.5155	25.218	.99793	2.5515	1.2632	5.0418	2.5794	24.828
#2	2.5192	25.181	1.0013	2.5528	1.2676	5.0474	2.5769	25.240
#3	2.5180	25.190	.99906	2.5569	1.2665	5.0332	2.5751	25.291
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5151	1.2618	25.007	2.4777	2.5303	24.910	5.0359	5.0710
Stddev	.0010	.0008	.144	.0037	.0019	.157	.0093	.0395
%RSD	.03811	.06232	.57389	.14779	.07557	.62869	.18456	.77957
#1	2.5162	1.2620	24.846	2.4813	2.5316	24.760	5.0466	5.0257
#2	2.5144	1.2624	25.055	2.4779	2.5281	24.897	5.0295	5.0892
#3	2.5146	1.2609	25.121	2.4739	2.5311	25.072	5.0318	5.0982
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9077	4.8772	4.9597	5.1161	4.8242	5.027	5.0602	F 4.2979
Stddev	.0272	.0159	.0112	.0091	.0436	.016	.0242	.1930
%RSD	.55508	.32646	.22631	.17822	.90459	.3232	.47815	4.4915
#1	4.9349	4.8814	4.9726	5.1261	4.8707	5.046	5.0850	4.4835
#2	4.8805	4.8596	4.9518	5.1082	4.7841	5.015	5.0366	4.3120
#3	4.9078	4.8906	4.9548	5.1141	4.8179	5.021	5.0591	4.0982

Sample Name: CCV01 Acquired: 4/16/2019 12:22:58 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 5.9572
Stddev 2.5400
%RSD 42.638

#1 5.9828
#2 8.4844
#3 3.4045

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4953.7	60087.	5970.1	77.261	4771.6
Stddev	10.7	39.	37.3	.840	6.0
%RSD	.21576	.06526	.62438	1.0866	.12493

#1	4963.2	60122.	5927.2	77.823	4775.6
#2	4942.1	60095.	5994.9	77.665	4764.7
#3	4955.9	60044.	5988.2	76.296	4774.4

Sample Name: LLCCV01 Acquired: 4/16/2019 12:27:02 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02191	.04305	.01303	.02104	.05350	.09403	.10792	.00658
Stddev	.00296	.00018	.00051	.00081	.00057	.01488	.00119	.00003
%RSD	13.523	.42754	3.8931	3.8550	1.0678	15.823	1.1037	.51699
#1	.02088	.04316	.01322	.02168	.05369	.11120	.10676	.00658
#2	.01959	.04316	.01245	.02131	.05396	.08533	.10914	.00654
#3	.02524	.04284	.01340	.02012	.05286	.08554	.10787	.00661
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00616	2.1725	.01048	.03056	.02273	.10911	.02347	2.1231
Stddev	.00005	.0111	.00023	.00002	.00011	.00059	.00010	.0304
%RSD	.79959	.51127	2.2002	.05651	.49640	.53887	.40954	1.4316
#1	.00616	2.1645	.01032	.03057	.02260	.10953	.02356	2.1152
#2	.00621	2.1678	.01074	.03056	.02277	.10844	.02337	2.1567
#3	.00611	2.1852	.01037	.03054	.02281	.10937	.02347	2.0974
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04147	.01131	2.0770	.04117	.04011	2.0388	.21807	.10787
Stddev	.00011	.00033	.0024	.00017	.00014	.0168	.00060	.00810
%RSD	.26848	2.9407	.11787	.42030	.33814	.82539	.27671	7.5115
#1	.04146	.01112	2.0751	.04126	.04017	2.0369	.21874	.11340
#2	.04137	.01169	2.0763	.04097	.04021	2.0230	.21788	.11163
#3	.04159	.01112	2.0798	.04128	.03996	2.0565	.21758	.09857
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01983	.39826	.03983	.04540	.01644	F .0143	.02179	F 3.1035
Stddev	.00248	.00544	.00081	.00133	.00066	.0004	.00011	.1313
%RSD	12.531	1.3660	2.0404	2.9264	3.9981	2.447	.51839	4.2320
#1	.02067	.39655	.04037	.04465	.01720	.0147	.02192	2.9849
#2	.02178	.39388	.04022	.04462	.01609	.0140	.02177	3.2447
#3	.01703	.40435	.03889	.04694	.01604	.0142	.02169	3.0809

Sample Name: LLCCV01 Acquired: 4/16/2019 12:27:02 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 4.3150
Stddev	2.0106
%RSD	46.595

#1	2.2751
#2	4.3750
#3	6.2949

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5148.1	62463.	6045.4	79.576	5348.7
Stddev	17.0	55.	25.3	1.253	11.4
%RSD	.32957	.08878	.41872	1.5743	.21316

#1	5128.9	62400.	6047.5	80.193	5336.3
#2	5161.0	62506.	6069.5	78.134	5351.1
#3	5154.5	62482.	6019.0	80.400	5358.8

Sample Name: CCB01 Acquired: 4/16/2019 12:31:27 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	-.00079	-.00047	-.00098	-.00132	-.01304	.00076	-.00005
Stddev	.00078	.00106	.00067	.00167	.00092	.00376	.00066	.00006
%RSD	477.07	134.00	141.84	170.09	69.495	28.811	87.726	129.11

#1	.00101	-.00037	-.00004	.00040	-.00026	-.00874	.00027	-.00007
#2	.00002	-.00201	-.00124	-.00051	-.00185	-.01467	.00049	.00002
#3	-.00054	-.00001	-.00014	-.00284	-.00184	-.01571	.00151	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.01250	.00005	-.00011	-.00006	.00045	.00002	-.01496
Stddev	.00005	.01151	.00023	.00009	.00023	.00041	.00002	.02964
%RSD	346.00	92.100	426.46	79.635	365.57	90.740	152.80	198.12

#1	-.00005	.02262	.00013	-.00020	.00010	.00020	-.00001	-.00028
#2	-.00004	.01488	.00024	-.00010	-.00033	.00093	.00001	.00447
#3	.00005	-.00002	-.00021	-.00003	.00004	.00023	.00004	-.04907

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00035	.00045	-.08114	-.00015	-.00033	-.06941	-.00023	-.00746
Stddev	.00030	.00031	.00468	.00019	.00003	.03635	.00008	.00309
%RSD	86.538	68.393	5.7625	123.16	9.6699	52.375	36.123	41.445

#1	-.00070	.00032	-.08610	-.00015	-.00031	-.04946	-.00017	-.01039
#2	-.00018	.00022	-.08052	.00003	-.00037	-.11137	-.00019	-.00775
#3	-.00017	.00080	-.07681	-.00035	-.00032	-.04740	-.00032	-.00423

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	-.00010	-.00117	-.00085	-.00574	-.0044	-.00000	F 3.7084
Stddev	.00127	.00187	.00057	.00110	.00090	.0007	.00006	.0728
%RSD	113.52	1940.5	48.535	129.71	15.660	16.09	2737.2	1.9625

#1	-.00053	-.00225	-.00069	-.00068	-.00614	-.0053	.00007	3.6254
#2	-.00025	.00081	-.00180	-.00202	-.00471	-.0040	-.00003	3.7384
#3	-.00257	.00115	-.00103	.00016	-.00637	-.0040	-.00005	3.7613

Sample Name: CCB01 Acquired: 4/16/2019 12:31:27 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.2322
Stddev 3.0142
%RSD 71.221

#1 2.6921
#2 7.7053
#3 2.2992

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5031.9	61091.	5845.6	77.480	5297.1
Stddev	15.1	166.	42.8	.333	7.4
%RSD	.29950	.27141	.73283	.42947	.13950

#1	5016.1	60900.	5807.4	77.134	5289.1
#2	5033.4	61175.	5891.9	77.509	5303.6
#3	5046.2	61199.	5837.4	77.798	5298.7

Sample Name: LR CHECK 1 Acquired: 4/16/2019 12:35:41 Type: Unk
Method: P4-ICP2(v3052) 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	-.12791	.04652	.01509	-.75983	.11655	1914.3	.01591	.04234
Stddev	.00664	.00564	.00393	.01915	.00451	16.2	.00046	.00040
%RSD	5.1919	12.119	26.018	2.5205	3.8725	.84773	2.9208	.94378

#1	-.12746	.04828	.01057	-.78113	.11149	1932.9	.01565	.04260
#2	-.12151	.04021	.01712	-.74403	.11799	1906.1	.01563	.04253
#3	-.13477	.05107	.01759	-.75434	.12016	1903.7	.01645	.04188

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11904	1704.5	-.05845	.09037	.18374	829.27	-.00919	1663.1
Stddev	.00196	7.1	.00094	.00056	.00036	5.01	.00018	4.0
%RSD	1.6434	.41507	1.6163	.62423	.19521	.60393	1.9335	.24087

#1	.11864	1708.2	-.05818	.09012	.18391	829.74	-.00935	1661.0
#2	.11731	1709.1	-.05949	.08997	.18332	834.02	-.00900	1667.7
#3	.12116	1696.4	-.05766	.09101	.18398	824.04	-.00922	1660.6

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03008	-.25284	1887.9	.01621	.24716	1023.1	-.00803	-.54814
Stddev	.00068	.00133	6.4	.00109	.00282	3.0	.00088	.01878
%RSD	2.2693	.52745	.33682	6.7522	1.1426	.29184	10.982	3.4263

#1	-.02963	-.25174	1893.9	.01676	.24601	1020.2	-.00892	-.52658
#2	-.02974	-.25246	1888.5	.01692	.24509	1026.1	-.00715	-.55688
#3	-.03086	-.25433	1881.2	.01495	.25038	1022.9	-.00801	-.56096

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43220	.00821	.05367	-.05174	.08178	.0587	-.89664	1.2311
Stddev	.00360	.00206	.00151	.00237	.00098	.0063	.00560	.0894
%RSD	.83253	25.154	2.8162	4.5907	1.1926	10.66	.62454	7.2629

#1	.43547	.00981	.05537	-.04935	.08088	.0593	-.89735	1.1489
#2	.42835	.00588	.05314	-.05175	.08165	.0647	-.90185	1.3263
#3	.43279	.00893	.05249	-.05410	.08281	.0522	-.89072	1.2179

Sample Name: LR CHECK 1 Acquired: 4/16/2019 12:35:41 Type: Unk
 Method: P4-ICP2(v3052) 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	3329.1	41588.	5061.4	57.711	2482.3
Stddev	2.3	44.	1.7	1.301	12.1
%RSD	.06850	.10687	.03383	2.2542	.48797

#1	3329.6	41547.	5060.4	56.768	2491.1
#2	3331.1	41582.	5063.4	59.195	2487.5
#3	3326.6	41635.	5060.5	57.170	2468.5

Sample Name: LR CHECK 2 Acquired: 4/16/2019 12:40:44 Type: Unk
Method: P4-ICP2(v3052) 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	-.00265	-.01053	240.53	.02662	-.03050	-.25715	94.841	-.00164
Stddev	.00346	.00139	.98	.00196	.00147	.00361	.318	.00011
%RSD	130.44	13.241	.40933	7.3803	4.8315	1.4035	.33535	6.6698

#1	-.00160	-.00972	240.16	.02867	-.03216	-.26066	94.570	-.00151
#2	-.00651	-.01214	239.78	.02476	-.03003	-.25345	94.761	-.00171
#3	.00016	-.00973	241.65	.02644	-.02932	-.25735	95.191	-.00169

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00643	.22892	-.13411	-.00217	255.15	-.79355	43.855	-.11850
Stddev	.00009	.01098	.00048	.00047	1.04	.00288	.318	.02443
%RSD	1.4445	4.7952	.36040	21.575	.40698	.36332	.72472	20.612

#1	-.00654	.24034	-.13355	-.00180	256.00	-.79226	43.555	-.10970
#2	-.00639	.22798	-.13436	-.00269	253.99	-.79154	44.188	-.14611
#3	-.00637	.21844	-.13441	-.00201	255.44	-.79685	43.821	-.09969

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.970	.00950	.85092	-.08856	36.045	.62866	-.00853	-.00150
Stddev	.158	.00080	.02270	.00090	.417	.01121	.00038	.00838
%RSD	.30998	8.4354	2.6676	1.0185	1.1579	1.7824	4.4773	556.94

#1	50.934	.00986	.86976	-.08802	36.432	.62626	-.00867	.00092
#2	50.833	.01005	.85728	-.08960	36.101	.64088	-.00883	.00540
#3	51.143	.00858	.82572	-.08806	35.602	.61885	-.00810	-.01082

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01936	-.00542	.00002	.02166	-.00670	.1239	.00299	4.5662
Stddev	.00422	.00102	.00077	.00200	.00146	.0009	.00004	.0574
%RSD	21.781	18.885	4630.9	9.2206	21.747	.7190	1.2101	1.2563

#1	-.02113	-.00430	.00072	.01973	-.00586	.1249	.00295	4.5321
#2	-.02240	-.00565	-.00081	.02371	-.00586	.1235	.00301	4.5340
#3	-.01454	-.00630	.00014	.02153	-.00838	.1233	.00301	4.6324

Sample Name: LR CHECK 2 Acquired: 4/16/2019 12:40:44 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .54698
 Stddev 1.8178
 %RSD 332.34

#1 -.46109
 #2 -.54347
 #3 2.6455

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4791.8	62128.	6035.9	78.870	4889.3
Stddev	8.5	223.	47.6	1.057	8.6
%RSD	.17655	.35945	.78933	1.3396	.17682

#1	4782.3	62374.	6056.8	80.068	4885.7
#2	4794.8	61938.	6069.5	78.070	4899.2
#3	4798.4	62070.	5981.4	78.473	4883.0

Sample Name: K2423-01 Acquired: 4/16/2019 12:45:17 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP1-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01065	-.00920	.30349	-.09937	.02236	491.17	4.7977
Stddev	.00108	.00447	.00339	.00569	.00160	1.56	.0214
%RSD	10.177	48.586	1.1155	5.7253	7.1558	.31678	.44697

#1	.01110	-.01124	.30209	-.10303	.02054	489.44	4.7917
#2	.01143	-.00407	.30736	-.09281	.02352	491.59	4.8216
#3	.00941	-.01228	.30104	-.10227	.02303	492.47	4.7800

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03353	.02761	4.8966	.51157	.47789	.25459	308.33
Stddev	.00010	.00035	.0125	.00026	.00067	.00110	.99
%RSD	.29157	1.2629	.25540	.05020	.13933	.43039	.32165

#1	.03350	.02799	4.9020	.51168	.47865	.25579	307.19
#2	.03364	.02731	4.8824	.51175	.47756	.25433	308.90
#3	.03345	.02753	4.9056	.51128	.47745	.25364	308.91

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.193	125.23	.84367	-.03906	6.2481	.44528	2.4273
Stddev	.038	.54	.00176	.00063	.0234	.00158	.0021
%RSD	.31024	.43254	.20850	1.6005	.37406	.35406	.08553

#1	12.150	124.67	.84269	-.03977	6.2380	.44562	2.4285
#2	12.220	125.75	.84570	-.03859	6.2749	.44356	2.4285
#3	12.208	125.28	.84263	-.03882	6.2316	.44666	2.4249

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	108.01	-.00294	.42415	2.0858	5.8022	.05222	9.8836
Stddev	.47	.00024	.00744	.0078	.0817	.00043	.0238
%RSD	.43349	8.0768	1.7552	.37567	1.4081	.81436	.24091

#1	107.97	-.00297	.42785	2.0770	5.8784	.05208	9.9094
#2	108.49	-.00315	.41558	2.0921	5.7159	.05270	9.8789
#3	107.56	-.00268	.42903	2.0882	5.8124	.05189	9.8625

Sample Name: K2423-01 Acquired: 4/16/2019 12:45:17 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP1-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.75783	4.785	-.07097	<.00000	F<.00000
Stddev	.00247	.013	.00192	.09837	4.9913
%RSD	.32541	.2670	2.7070	1.5878	1.7899
#1	.75981	4.779	-.06876	-6.1141	-280.08
#2	.75507	4.799	-.07187	-6.3046	-273.36
#3	.75861	4.776	-.07227	-6.1667	-283.12
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7505.4	89280.	9600.5	72.121	3980.4
Stddev	10.8	120.	42.4	1.236	5.6
%RSD	.14397	.13416	.44185	1.7142	.14022
#1	7493.3	89369.	9557.1	73.548	3974.8
#2	7509.0	89144.	9641.8	71.360	3980.3
#3	7514.0	89328.	9602.5	71.456	3986.0

Sample Name: K2423-03 Acquired: 4/16/2019 12:49:57 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP1-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01263	-.00824	.30727	-.09547	.02238	497.98	4.8637
Stddev	.00205	.00284	.00334	.00210	.00139	4.12	.0227
%RSD	16.186	34.434	1.0879	2.1969	6.2224	.82685	.46721

#1	.01032	-.00583	.30982	-.09787	.02175	501.23	4.8894
#2	.01339	-.00752	.30851	-.09459	.02142	499.36	4.8463
#3	.01420	-.01137	.30349	-.09396	.02398	493.35	4.8553

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03417	.03077	4.9428	.49331	.46267	.22498	305.54
Stddev	.00016	.00022	.0212	.00037	.00074	.00092	2.01
%RSD	.45762	.71100	.42861	.07529	.15977	.40717	.65679

#1	.03424	.03063	4.9487	.49291	.46190	.22415	307.83
#2	.03429	.03066	4.9604	.49365	.46337	.22481	304.09
#3	.03400	.03102	4.9193	.49336	.46274	.22596	304.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.389	124.91	.84286	-.03885	6.8527	.44366	2.5798
Stddev	.029	.36	.00236	.00024	.0226	.00086	.0024
%RSD	.23073	.28803	.28035	.62858	.32908	.19462	.09132

#1	12.402	125.18	.84076	-.03866	6.8763	.44324	2.5808
#2	12.408	124.50	.84542	-.03913	6.8314	.44466	2.5814
#3	12.356	125.04	.84240	-.03877	6.8504	.44309	2.5771

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	110.06	-.00311	.42084	1.9459	5.6560	.05335	F 10.071
Stddev	.45	.00019	.01415	.0091	.0626	.00175	.016
%RSD	.40795	6.0362	3.3617	.46592	1.1066	3.2853	.16320

#1	110.58	-.00291	.42929	1.9519	5.7153	.05179	10.082
#2	109.75	-.00313	.40451	1.9504	5.6621	.05525	10.079
#3	109.86	-.00329	.42873	1.9355	5.5905	.05301	10.053

Sample Name: K2423-03 Acquired: 4/16/2019 12:49:57 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP1-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.74969	4.968	-.04625	<.00000	F<.00000
Stddev	.00315	.007	.00186	.20566	3.7525
%RSD	.42053	.1500	4.0247	3.2762	1.3081
#1	.75130	4.965	-.04794	-6.3598	-283.18
#2	.75171	4.964	-.04425	-6.4290	-286.73
#3	.74606	4.977	-.04656	-6.0433	-290.68
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7658.9	91047.	9826.6	70.390	3874.6
Stddev	12.7	449.	49.4	.491	2.3
%RSD	.16550	.49321	.50316	.69783	.06002
#1	7660.9	90595.	9803.8	70.891	3874.9
#2	7670.5	91053.	9792.7	70.370	3872.1
#3	7645.4	91493.	9883.4	69.909	3876.7

Sample Name: K2423-05 Acquired: 4/16/2019 12:54:36 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP2-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00959	-.00355	.33343	-.08558	.02000	455.60	3.2688
Stddev	.00113	.00229	.00263	.00357	.00218	4.19	.0021
%RSD	11.754	64.469	.78806	4.1688	10.915	.92027	.06301

#1	.00856	-.00389	.33285	-.08374	.01760	458.97	3.2708
#2	.00943	-.00565	.33630	-.08969	.02054	456.93	3.2667
#3	.01080	-.00111	.33114	-.08330	.02186	450.90	3.2689

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03757	.03018	13.308	.50876	.44551	.19054	271.80
Stddev	.00011	.00059	.052	.00055	.00210	.00096	2.13
%RSD	.28923	1.9576	.39034	.10778	.47135	.50218	.78211

#1	.03746	.02952	13.249	.50939	.44309	.18949	273.81
#2	.03757	.03066	13.329	.50839	.44664	.19137	269.57
#3	.03767	.03036	13.347	.50850	.44681	.19077	272.01

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9128	123.43	.82241	-.03367	7.6113	.43230	2.3350
Stddev	.0262	.32	.00445	.00074	.0097	.00393	.0040
%RSD	.26430	.26016	.54153	2.2006	.12679	.90873	.17200

#1	9.8966	123.19	.81732	-.03322	7.6221	.43133	2.3332
#2	9.9430	123.80	.82434	-.03326	7.6035	.42895	2.3396
#3	9.8986	123.31	.82558	-.03452	7.6085	.43663	2.3323

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	92.534	-.00262	.39092	1.4163	2.9572	.04964	8.0209
Stddev	.058	.00024	.00944	.0091	.0293	.00201	.0254
%RSD	.06293	9.2824	2.4142	.64135	.99083	4.0591	.31669

#1	92.533	-.00235	.40170	1.4064	2.9870	.05194	7.9924
#2	92.476	-.00269	.38415	1.4181	2.9562	.04822	8.0289
#3	92.593	-.00282	.38690	1.4243	2.9284	.04875	8.0413

Sample Name: K2423-05 Acquired: 4/16/2019 12:54:36 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP2-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.66173	6.280	.16034	<.00000	F<.00000
Stddev	.00091	.028	.00306	.09621	5.1692
%RSD	.13719	.4516	1.9094	1.1792	1.9744
#1	.66256	6.255	.15697	-8.1810	-257.79
#2	.66187	6.311	.16294	-8.0531	-260.01
#3	.66076	6.273	.16112	-8.2415	-267.64
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8246.0	98559.	10668.	72.714	3961.3
Stddev	12.1	515.	29.	1.548	7.0
%RSD	.14719	.52282	.27598	2.1291	.17678
#1	8247.4	97970.	10642.	70.949	3964.7
#2	8233.2	98931.	10700.	73.843	3953.2
#3	8257.3	98775.	10661.	73.349	3965.9

Sample Name: K2423-07 Acquired: 4/16/2019 12:59:13 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP2-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01235	-.00107	.35755	-.07817	.01818	484.45	3.5238
Stddev	.00065	.00184	.00109	.00066	.00097	2.98	.0128
%RSD	5.2349	171.88	.30472	.84999	5.3515	.61521	.36385

#1	.01162	-.00153	.35831	-.07756	.01746	486.83	3.5196
#2	.01284	-.00264	.35630	-.07888	.01780	485.43	3.5382
#3	.01260	.00096	.35805	-.07807	.01929	481.11	3.5136

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03848	.03562	9.4840	.47188	.49912	.15991	244.28
Stddev	.00027	.00033	.0293	.00050	.00091	.00042	1.05
%RSD	.69172	.92755	.30909	.10688	.18285	.26208	.42793

#1	.03855	.03551	9.4510	.47186	.49854	.15999	244.90
#2	.03818	.03536	9.4938	.47139	.50017	.16028	244.86
#3	.03870	.03599	9.5072	.47239	.49864	.15945	243.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.575	114.88	.89745	-.03018	7.2164	.38062	2.6817
Stddev	.050	.12	.00135	.00040	.0227	.00047	.0044
%RSD	.42777	.10447	.15075	1.3176	.31412	.12425	.16516

#1	11.557	114.76	.89808	-.03021	7.2063	.38019	2.6810
#2	11.631	115.00	.89837	-.02977	7.2424	.38054	2.6864
#3	11.536	114.86	.89590	-.03057	7.2006	.38113	2.6777

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	91.811	-.00215	.34796	1.4429	2.8431	.05422	6.9489
Stddev	.316	.00026	.01012	.0059	.0176	.00107	.0119
%RSD	.34379	12.029	2.9083	.40554	.62044	1.9761	.17070

#1	91.612	-.00206	.35949	1.4447	2.8302	.05448	6.9417
#2	92.174	-.00195	.34059	1.4476	2.8359	.05515	6.9423
#3	91.645	-.00244	.34378	1.4363	2.8632	.05305	6.9626

Sample Name: K2423-07 Acquired: 4/16/2019 12:59:13 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP2-B Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.64977	6.912	.24376	<.00000	F<.00000
Stddev	.00066	.034	.00146	.27306	5.0725
%RSD	.10194	.4948	.59804	2.4684	1.9409
#1	.65053	6.915	.24276	-10.834	-263.92
#2	.64942	6.945	.24309	-11.365	-264.63
#3	.64935	6.877	.24543	-10.988	-255.51
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9249.1	109300.	11834.	70.821	3833.5
Stddev	7.9	233.	19.	1.527	7.0
%RSD	.08529	.21308	.16443	2.1555	.18353
#1	9257.3	109270.	11829.	69.167	3840.1
#2	9241.6	109090.	11855.	72.177	3826.1
#3	9248.5	109550.	11817.	71.118	3834.2

Sample Name: K2423-09 Acquired: 4/16/2019 13:03:53 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP3-A Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01154	-.00585	.34654	-.08083	.01925	434.55	3.6537
Stddev	.00159	.00212	.00129	.00377	.00169	1.77	.0214
%RSD	13.808	36.167	.37103	4.6656	8.8037	.40690	.58606

#1	.01316	-.00678	.34598	-.07674	.02095	434.03	3.6333
#2	.01150	-.00343	.34563	-.08417	.01922	436.52	3.6518
#3	.00997	-.00734	.34801	-.08158	.01756	433.09	3.6760

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03697	.02855	7.2912	.47256	.42554	.16742	263.91
Stddev	.00003	.00026	.0229	.00118	.00189	.00038	.37
%RSD	.09054	.92107	.31411	.25038	.44384	.22483	.13922

#1	.03698	.02844	7.3176	.47206	.42391	.16785	264.24
#2	.03693	.02835	7.2785	.47171	.42510	.16715	263.97
#3	.03700	.02885	7.2774	.47391	.42761	.16726	263.51

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4179	119.18	.80116	-.03248	7.2594	.39235	2.4967
Stddev	.0129	.96	.00139	.00043	.0485	.00254	.0009
%RSD	.17426	.80177	.17373	1.3129	.66803	.64702	.03498

#1	7.4158	118.30	.80126	-.03244	7.2162	.39143	2.4958
#2	7.4061	119.05	.79972	-.03207	7.2502	.39039	2.4975
#3	7.4317	120.20	.80249	-.03292	7.3119	.39522	2.4969

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	102.14	-.00236	.38727	1.2252	5.0377	.05229	8.2154
Stddev	.67	.00022	.00401	.0022	.0376	.00124	.0310
%RSD	.65890	9.1387	1.0350	.18048	.74664	2.3762	.37754

#1	101.45	-.00256	.38285	1.2231	5.0025	.05113	8.2442
#2	102.17	-.00213	.38829	1.2275	5.0334	.05213	8.2195
#3	102.80	-.00239	.39067	1.2252	5.0773	.05360	8.1825

Sample Name: K2423-09 Acquired: 4/16/2019 13:03:53 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP3-A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.71842	8.131	.17913	<.00000	F<.00000
Stddev	.00475	.005	.00114	.12303	.57565
%RSD	.66114	.0607	.63681	1.4868	.24067
#1	.72080	8.127	.17988	-8.3371	-238.64
#2	.72152	8.129	.17970	-8.1328	-239.13
#3	.71295	8.136	.17782	-8.3538	-239.78
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8312.1	98937.	10604.	71.756	3924.0
Stddev	4.1	115.	94.	1.117	3.3
%RSD	.04977	.11619	.89009	1.5570	.08323
#1	8315.0	99026.	10529.	70.609	3923.4
#2	8307.4	98807.	10573.	72.841	3921.1
#3	8314.0	98978.	10710.	71.819	3927.5

Sample Name: K2423-11 Acquired: 4/16/2019 13:08:27 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP3-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01217	-.00978	.36521	-.08937	.02000	455.62	3.9889
Stddev	.00211	.00376	.00324	.00223	.00151	2.42	.0173
%RSD	17.356	38.462	.88819	2.4984	7.5534	.53215	.43287

#1	.01176	-.00887	.36217	-.08850	.02115	452.82	3.9978
#2	.01446	-.01391	.36483	-.09191	.01829	456.97	3.9690
#3	.01030	-.00656	.36863	-.08770	.02057	457.06	3.9999

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03634	.03693	7.4311	.43280	.44996	.17563	260.81
Stddev	.00015	.00017	.0111	.00068	.00049	.00026	.38
%RSD	.40549	.44927	.14886	.15695	.10819	.14809	.14684

#1	.03650	.03675	7.4211	.43204	.44944	.17578	261.25
#2	.03628	.03709	7.4430	.43334	.45041	.17533	260.54
#3	.03622	.03695	7.4293	.43302	.45004	.17578	260.65

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6566	109.12	.83086	-.03580	8.1002	.39731	2.5579
Stddev	.0183	.41	.00148	.00050	.0512	.00064	.0038
%RSD	.23909	.37238	.17793	1.3938	.63204	.16051	.14847

#1	7.6434	109.20	.83226	-.03628	8.1272	.39765	2.5601
#2	7.6489	108.67	.82932	-.03528	8.0412	.39657	2.5535
#3	7.6775	109.47	.83101	-.03583	8.1323	.39770	2.5601

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	93.376	-.00241	.36699	1.3003	5.6610	.05715	8.4337
Stddev	.473	.00006	.00320	.0076	.0368	.00112	.0095
%RSD	.50603	2.4981	.87241	.58057	.65043	1.9572	.11264

#1	93.560	-.00248	.36685	1.3090	5.6421	.05624	8.4358
#2	92.840	-.00237	.36387	1.2967	5.7034	.05682	8.4419
#3	93.730	-.00237	.37026	1.2952	5.6375	.05840	8.4233

Sample Name: K2423-11 Acquired: 4/16/2019 13:08:27 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP3-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.65189	8.434	.16662	<.00000	F<.00000
Stddev	.00134	.026	.00053	.13554	2.3526
%RSD	.20622	.3092	.31705	1.2884	.77310

#1	.65084	8.464	.16613	-10.665	-301.83
#2	.65143	8.417	.16718	-10.499	-304.61
#3	.65341	8.421	.16656	-10.396	-306.50

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9088.2	108290.	11675.	71.460	3911.4
Stddev	11.8	109.	40.	.764	3.3
%RSD	.12975	.10094	.34688	1.0694	.08479

#1	9087.7	108340.	11690.	71.338	3908.2
#2	9076.7	108360.	11629.	70.765	3911.1
#3	9100.3	108160.	11707.	72.279	3914.8

Sample Name: K2423-13 Acquired: 4/16/2019 13:13:06 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP4-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05588	.00544	.24189	-.07010	.01235	279.59	2.3735
Stddev	.00316	.00162	.00167	.00249	.00157	1.60	.0070
%RSD	5.6572	29.710	.69136	3.5584	12.709	.57385	.29344

#1	.05423	.00500	.24216	-.07026	.01377	277.74	2.3687
#2	.05952	.00723	.24341	-.07251	.01066	280.46	2.3815
#3	.05388	.00409	.24010	-.06753	.01262	280.58	2.3704

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02610	.00983	26.266	.40434	.23390	.18701	286.27
Stddev	.00027	.00047	.129	.00142	.00030	.00121	.77
%RSD	1.0189	4.8022	.49206	.35044	.12937	.64825	.27016

#1	.02583	.01022	26.295	.40323	.23397	.18726	285.38
#2	.02611	.00996	26.377	.40386	.23417	.18809	286.74
#3	.02636	.00930	26.124	.40594	.23358	.18570	286.70

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8395	86.685	.43433	-.02937	7.5297	.45161	1.2364
Stddev	.0165	.347	.00131	.00061	.0149	.00132	.0009
%RSD	.34029	.40047	.30068	2.0794	.19782	.29123	.07127

#1	4.8220	86.293	.43508	-.02948	7.5137	.45022	1.2369
#2	4.8418	86.808	.43510	-.02992	7.5432	.45283	1.2354
#3	4.8547	86.954	.43283	-.02872	7.5321	.45177	1.2370

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.275	-.00079	.22708	.71918	4.0204	.02556	4.8239
Stddev	.192	.00012	.00716	.00090	.0208	.00153	.0126
%RSD	.43275	14.963	3.1538	.12550	.51631	5.9965	.26086

#1	44.240	-.00092	.22208	.71877	4.0430	.02720	4.8095
#2	44.481	-.00071	.23528	.72021	4.0022	.02531	4.8300
#3	44.103	-.00072	.22387	.71855	4.0161	.02417	4.8324

Sample Name: K2423-13 Acquired: 4/16/2019 13:13:06 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP4-A Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.43287	5.449	.21133	<.00000	F<.00000
Stddev	.00177	.021	.00221	.17603	6.2822
%RSD	.40965	.3954	1.0453	8.3399	4.3296
#1	.43083	5.450	.21301	-1.9081	-151.04
#2	.43384	5.471	.21215	-2.2269	-145.74
#3	.43395	5.427	.20883	-2.1969	-138.52
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6404.1	77550.	8023.6	70.857	4152.6
Stddev	7.7	101.	25.1	.600	4.7
%RSD	.12049	.13074	.31298	.84679	.11359
#1	6400.4	77658.	7996.5	70.309	4147.5
#2	6398.9	77535.	8028.2	70.764	4153.7
#3	6412.9	77457.	8046.1	71.498	4156.7

Sample Name: K2423-15 Acquired: 4/16/2019 13:17:40 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP4-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10368	.00679	.24561	-.08795	.01681	289.50	2.3790
Stddev	.00095	.00039	.00052	.00209	.00145	1.23	.0101
%RSD	.91611	5.7727	.21321	2.3738	8.6284	.42523	.42491

#1	.10259	.00688	.24533	-.08601	.01598	290.54	2.3903
#2	.10408	.00636	.24622	-.08767	.01849	288.14	2.3708
#3	.10436	.00713	.24529	-.09016	.01597	289.81	2.3759

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02846	.01531	23.940	.35586	.22006	.22280	311.39
Stddev	.00029	.00034	.134	.00069	.00094	.00086	.34
%RSD	1.0300	2.2279	.55876	.19493	.42597	.38541	.10954

#1	.02878	.01524	23.925	.35666	.21899	.22182	311.74
#2	.02837	.01501	23.814	.35553	.22042	.22344	311.37
#3	.02822	.01568	24.080	.35540	.22076	.22314	311.06

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9544	75.831	.41463	-.03548	5.4007	.52441	1.2484
Stddev	.0160	.356	.00131	.00070	.0178	.00164	.0017
%RSD	.26907	.47008	.31505	1.9647	.32881	.31215	.13668

#1	5.9664	76.228	.41341	-.03596	5.4202	.52332	1.2504
#2	5.9606	75.539	.41601	-.03468	5.3963	.52629	1.2471
#3	5.9362	75.727	.41447	-.03579	5.3855	.52362	1.2479

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.071	.00211	.20190	.92311	3.8559	.02404	4.0595
Stddev	.054	.00010	.00743	.00940	.0407	.00084	.0131
%RSD	.13896	4.7507	3.6780	1.0182	1.0557	3.4974	.32342

#1	39.108	.00219	.20506	.91295	3.8255	.02427	4.0521
#2	39.009	.00216	.20722	.93150	3.8401	.02474	4.0517
#3	39.096	.00200	.19341	.92488	3.9022	.02311	4.0746

Sample Name: K2423-15 Acquired: 4/16/2019 13:17:40 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP4-B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.37048	7.338	.22539	<.00000	F<.00000
Stddev	.00152	.018	.00238	.21873	2.4023
%RSD	.40969	.2524	1.0572	7.0088	1.1941
#1	.37150	7.324	.22525	-3.3477	-200.62
#2	.36874	7.331	.22308	-2.9113	-199.10
#3	.37122	7.359	.22784	-3.1032	-203.80
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6626.5	80309.	8340.5	71.599	4099.8
Stddev	5.2	67.	29.7	1.378	5.3
%RSD	.07851	.08349	.35608	1.9246	.12837
#1	6625.2	80238.	8367.8	72.990	4093.7
#2	6622.1	80371.	8344.8	70.235	4102.5
#3	6632.2	80317.	8308.9	71.573	4103.1

Sample Name: CCV02 Acquired: 4/16/2019 13:22:14 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14846 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1111	5.1866	5.0331	5.1315	5.1546	9.7779	9.9246	.25809
Stddev	.0059	.0112	.0098	.0126	.0063	.0536	.0138	.00095
%RSD	.11498	.21664	.19484	.24497	.12208	.54774	.13900	.36760
#1	5.1130	5.1768	5.0309	5.1208	5.1586	9.7204	9.9367	.25911
#2	5.1045	5.1841	5.0246	5.1285	5.1473	9.7869	9.9275	.25793
#3	5.1158	5.1989	5.0438	5.1453	5.1578	9.8264	9.9096	.25723
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5069	25.107	.99141	2.5665	1.2679	5.0355	2.5809	24.964
Stddev	.0045	.065	.00332	.0017	.0005	.0089	.0033	.134
%RSD	.17836	.25819	.33483	.06536	.03972	.17616	.12940	.53713
#1	2.5075	25.117	.98931	2.5664	1.2685	5.0421	2.5834	24.809
#2	2.5021	25.038	.98968	2.5649	1.2675	5.0254	2.5821	25.041
#3	2.5110	25.166	.99524	2.5682	1.2678	5.0391	2.5771	25.041
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5135	1.2638	24.691	2.4696	2.5435	24.911	5.0765	5.0728
Stddev	.0039	.0009	.164	.0010	.0027	.178	.0039	.0256
%RSD	.15502	.06810	.66401	.03925	.10548	.71396	.07638	.50470
#1	2.5110	1.2634	24.502	2.4691	2.5442	24.710	5.0724	5.0577
#2	2.5116	1.2648	24.792	2.4707	2.5405	24.976	5.0800	5.0583
#3	2.5180	1.2633	24.778	2.4690	2.5457	25.048	5.0772	5.1024
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9762	4.8278	4.9446	5.1209	4.7114	5.109	5.0581	4.9254
Stddev	.0176	.0159	.0084	.0096	.0116	.007	.0072	.1242
%RSD	.35413	.32829	.17099	.18774	.24559	.1446	.14266	2.5216
#1	4.9739	4.8432	4.9356	5.1276	4.7052	5.112	5.0518	5.0580
#2	4.9599	4.8116	4.9456	5.1251	4.7248	5.100	5.0660	4.8117
#3	4.9949	4.8284	4.9525	5.1099	4.7044	5.113	5.0565	4.9066

Sample Name: CCV02 Acquired: 4/16/2019 13:22:14 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14846 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.7176
Stddev 2.7036
%RSD 157.40

#1 2.6410
#2 -1.3267
#3 3.8386

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4907.0	60012.	5966.5	76.974	4742.8
Stddev	7.7	246.	10.9	1.547	6.8
%RSD	.15705	.41061	.18289	2.0092	.14441

#1	4899.3	60269.	5964.5	75.523	4735.0
#2	4906.9	59990.	5978.3	76.798	4747.9
#3	4914.7	59778.	5956.8	78.601	4745.5

Sample Name: CCB02 Acquired: 4/16/2019 13:26:18 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14846 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	.00032	.00129	-.00016	-.00143	-.02287	.00069	-.00007
Stddev	.00310	.00059	.00068	.00092	.00132	.00569	.00022	.00004
%RSD	953.25	186.70	52.721	588.62	92.282	24.866	32.431	56.229

#1	.00372	-.00034	.00130	.00067	-.00138	-.02648	.00058	-.00012
#2	-.00037	.00081	.00060	.00000	-.00014	-.01632	.00054	-.00007
#3	-.00237	.00049	.00196	-.00115	-.00279	-.02583	.00095	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.01399	-.00008	-.00010	-.00014	.00182	.00002	-.00552
Stddev	.00003	.00798	.00023	.00012	.00017	.00065	.00004	.04324
%RSD	52.421	57.052	269.18	124.14	116.30	35.854	196.11	783.85

#1	.00007	.02245	-.00027	-.00001	-.00033	.00223	.00000	.04394
#2	.00003	.00659	.00017	-.00005	-.00000	.00107	.00007	-.03618
#3	.00009	.01294	-.00015	-.00024	-.00010	.00217	-.00001	-.02431

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00002	-.02440	-.00037	.00043	.06544	.00005	-.00990
Stddev	.00014	.00055	.01182	.00014	.00007	.01706	.00016	.00102
%RSD	194.40	2350.5	48.458	38.859	16.314	26.070	300.21	10.343

#1	-.00021	.00042	-.03746	-.00053	.00044	.07948	.00023	-.00883
#2	.00006	-.00065	-.01442	-.00026	.00035	.04645	.00001	-.00999
#3	-.00005	.00015	-.02132	-.00032	.00049	.07038	-.00008	-.01087

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00059	-.00085	.00029	-.00333	-.0042	.00002	F 4.2866
Stddev	.00231	.00039	.00117	.00088	.00094	.0004	.00006	.1143
%RSD	39391.	65.600	137.53	301.29	28.120	10.18	265.51	2.6661

#1	.00022	-.00094	.00010	.00087	-.00255	-.0043	.00006	4.1718
#2	.00221	-.00017	-.00050	.00072	-.00307	-.0037	.00004	4.2875
#3	-.00241	-.00067	-.00216	-.00072	-.00436	-.0046	-.00004	4.4004

Sample Name: CCB02 Acquired: 4/16/2019 13:26:18 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14846 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.3206
Stddev .9199
%RSD 27.703

#1 3.7119
#2 2.2697
#3 3.9802

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4992.8	61510.	5877.7	76.810	5251.5
Stddev	6.4	56.	17.7	.914	11.3
%RSD	.12763	.09132	.30180	1.1901	.21529

#1	4987.1	61461.	5857.9	75.770	5240.7
#2	4991.7	61571.	5892.0	77.489	5250.7
#3	4999.7	61498.	5883.2	77.170	5263.2

Sample Name: PB118909BL Acquired: 4/16/2019 13:35:11 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118909BL 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	-.00048	.00099	.00206	-.00097	-.01944	.00098	-.00000
Stddev	.00278	.00112	.00114	.00175	.00036	.00419	.00055	.00002
%RSD	187.77	233.75	115.58	84.843	37.553	21.582	56.206	4741.8
#1	.00055	-.00177	.00176	.00239	-.00055	-.02423	.00150	-.00002
#2	-.00034	.00004	-.00032	.00362	-.00118	-.01766	.00104	.00002
#3	-.00464	.00029	.00153	.00017	-.00118	-.01642	.00040	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.01277	-.00004	-.00004	-.00033	.00091	-.00004	.03240
Stddev	.00002	.01064	.00015	.00001	.00017	.00025	.00003	.05090
%RSD	43.015	83.297	394.14	36.463	52.052	27.179	82.443	157.13
#1	-.00004	.01954	-.00004	-.00005	-.00038	.00067	-.00005	.09067
#2	-.00002	.01828	.00011	-.00005	-.00048	.00090	-.00006	-.00339
#3	-.00005	.00051	-.00019	-.00002	-.00014	.00116	-.00000	.00990
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	.00023	-.05183	-.00026	.00019	.03979	-.00045	-.01254
Stddev	.00029	.00005	.00554	.00039	.00006	.01427	.00014	.00629
%RSD	55.921	21.980	10.684	148.40	31.356	35.873	30.938	50.141
#1	.00019	.00024	-.05794	-.00049	.00020	.02331	-.00030	-.01773
#2	.00075	.00028	-.05042	-.00048	.00013	.04838	-.00050	-.00555
#3	.00060	.00018	-.04714	.00019	.00025	.04767	-.00057	-.01434
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00111	.00018	-.00192	-.00038	-.00638	-.0053	.00007	F 3.9975
Stddev	.00122	.00150	.00008	.00049	.00075	.0015	.00003	.0781
%RSD	110.38	845.65	4.2229	130.18	11.809	27.89	37.113	1.9529
#1	.00022	-.00012	-.00187	-.00034	-.00584	-.0036	.00007	3.9075
#2	-.00219	-.00116	-.00202	-.00088	-.00606	-.0063	.00004	4.0461
#3	-.00136	.00181	-.00188	.00010	-.00724	-.0059	.00009	4.0390

Sample Name: PB118909BL Acquired: 4/16/2019 13:35:11 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118909BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7404
Stddev	1.2202
%RSD	44.527

#1	1.4200
#2	2.9748
#3	3.8264

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5098.7	62766.	6004.8	80.108	5384.3
Stddev	7.2	120.	25.6	.347	2.7
%RSD	.14050	.19091	.42684	.43360	.05090

#1	5091.2	62862.	5995.9	80.468	5386.9
#2	5105.5	62632.	6033.7	80.082	5384.5
#3	5099.6	62804.	5984.9	79.775	5381.5

Sample Name: PB118909BS Acquired: 4/16/2019 13:39:40 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118909BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73649	1.9523	.93922	1.8840	.78543	1.8164	.19286
Stddev	.00294	.0064	.00099	.0062	.00094	.0117	.00131
%RSD	.39876	.32957	.10525	.33095	.11965	.64543	.67668

#1	.73644	1.9454	.93874	1.8800	.78436	1.8082	.19145
#2	.73358	1.9581	.94035	1.8808	.78615	1.8298	.19308
#3	.73946	1.9535	.93856	1.8912	.78577	1.8113	.19403

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18815	.18203	1.0230	.39256	.19661	.30450	2.9836
Stddev	.00045	.00056	.0076	.00099	.00070	.00059	.0063
%RSD	.24026	.30980	.74812	.25119	.35589	.19417	.21048

#1	.18764	.18268	1.0144	.39151	.19593	.30504	2.9909
#2	.18832	.18163	1.0290	.39269	.19733	.30459	2.9802
#3	.18849	.18179	1.0257	.39346	.19659	.30387	2.9798

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20530	1.9107	.47968	.06819	2.8168	.29188	.18654
Stddev	.00027	.0208	.00065	.00021	.0183	.00104	.00028
%RSD	.13170	1.0887	.13569	.31148	.65076	.35647	.15249

#1	.20539	1.9270	.47935	.06795	2.7984	.29074	.18627
#2	.20552	1.9178	.48042	.06830	2.8350	.29211	.18684
#3	.20500	1.8872	.47925	.06833	2.8169	.29279	.18652

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3621	.41138	.28677	F -.00438	.85141	.65759	.20785
Stddev	.0452	.00123	.00895	.00088	.00719	.00247	.00203
%RSD	.48336	.30021	3.1192	20.174	.84465	.37581	.97650

#1	9.3184	.41024	.27649	-.00514	.85964	.65475	.21017
#2	9.3594	.41269	.29273	-.00341	.84635	.65874	.20702
#3	9.4087	.41120	.29110	-.00459	.84824	.65928	.20638

Sample Name: PB118909BS Acquired: 4/16/2019 13:39:40 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118909BS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17807	5.093	.19485	F 4.1526	F<.00000
Stddev	.00168	.009	.00065	.0495	2.2537
%RSD	.94519	.1794	.33539	1.1908	49.137
#1	.17765	5.085	.19538	4.1357	-5.6607
#2	.17665	5.103	.19412	4.1139	-6.1020
#3	.17993	5.092	.19504	4.2083	-1.9967
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5051.5	62650.	5980.1	78.693	5213.1
Stddev	10.9	56.	45.0	.963	9.0
%RSD	.21632	.08981	.75187	1.2240	.17252
#1	5039.7	62587.	5929.4	77.677	5202.8
#2	5061.3	62669.	6015.1	78.809	5217.1
#3	5053.5	62695.	5995.9	79.593	5219.4

Sample Name: PB118931BL Acquired: 4/16/2019 13:43:45 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118931BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00288	-.00055	.00081	-.00050	-.00196	-.02779	.00033	-.00002
Stddev	.00232	.00081	.00039	.00096	.00216	.00167	.00017	.00008
%RSD	80.760	146.93	48.769	192.79	110.18	6.0056	53.486	457.32
#1	.00550	-.00076	.00036	-.00155	-.00207	-.02801	.00040	.00004
#2	.00206	-.00123	.00111	-.00026	.00025	-.02602	.00045	.00002
#3	.00107	.00034	.00095	.00032	-.00407	-.02934	.00013	-.00011
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00186	.00007	-.00001	-.00033	-.00045	-.00009	-.00699
Stddev	.00003	.01709	.00007	.00009	.00032	.00049	.00004	.04699
%RSD	197.18	918.11	94.057	733.39	98.311	108.32	37.609	672.66
#1	-.00001	-.01783	.00014	.00009	-.00066	-.00083	-.00007	-.00876
#2	.00001	.01051	.00001	-.00009	-.00030	.00010	-.00008	-.05307
#3	-.00004	.01290	.00007	-.00004	-.00002	-.00062	-.00013	.04087
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00037	.00021	-.08462	-.00051	-.00005	-.04408	-.00022	-.00608
Stddev	.00010	.00038	.00217	.00021	.00034	.01625	.00020	.00922
%RSD	27.134	180.99	2.5700	39.859	647.99	36.862	93.208	151.58
#1	.00038	.00016	-.08668	-.00029	.00034	-.03010	-.00022	.00408
#2	.00026	-.00015	-.08484	-.00068	-.00020	-.04023	-.00001	-.00843
#3	.00046	.00062	-.08234	-.00058	-.00029	-.06190	-.00041	-.01389
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00421	-.00203	-.00199	-.00005	-.00747	-.0034	-.00002	F 3.6575
Stddev	.00111	.00051	.00023	.00137	.00196	.0011	.00005	.1999
%RSD	26.464	24.983	11.449	2506.6	26.291	30.49	262.27	5.4651
#1	-.00444	-.00179	-.00183	.00048	-.00533	-.0023	-.00005	3.6464
#2	-.00300	-.00261	-.00188	.00096	-.00918	-.0038	-.00005	3.4633
#3	-.00519	-.00168	-.00225	-.00161	-.00790	-.0043	.00004	3.8627

Sample Name: PB118931BL Acquired: 4/16/2019 13:43:45 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118931BL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.1327
Stddev	1.5495
%RSD	136.80

#1	1.0460
#2	2.7237
#3	-.37172

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5122.0	63594.	6098.0	80.664	5414.2
Stddev	3.4	161.	17.3	.694	6.9
%RSD	.06733	.25318	.28350	.86095	.12663

#1	5118.0	63580.	6100.2	80.020	5406.3
#2	5124.4	63441.	6114.2	80.570	5417.3
#3	5123.5	63762.	6079.8	81.400	5418.9

Sample Name: PB118931BS Acquired: 4/16/2019 13:48:13 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118931BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81252	2.1608	1.0329	2.0959	.83587	1.9806	.20681
Stddev	.00198	.0041	.0023	.0057	.00073	.0267	.00070
%RSD	.24336	.19123	.22540	.27368	.08781	1.3460	.33919
#1	.81027	2.1640	1.0340	2.0939	.83513	1.9830	.20696
#2	.81333	2.1562	1.0302	2.0914	.83586	1.9528	.20605
#3	.81397	2.1624	1.0344	2.1023	.83660	2.0059	.20743
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21188	.20218	1.0854	.42460	.21428	.33587	3.2497
Stddev	.00077	.00036	.0065	.00079	.00053	.00020	.0043
%RSD	.36460	.17731	.59464	.18580	.24927	.05828	.13217
#1	.21184	.20200	1.0923	.42548	.21454	.33580	3.2453
#2	.21267	.20259	1.0795	.42395	.21367	.33609	3.2539
#3	.21113	.20194	1.0845	.42438	.21464	.33571	3.2498
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22236	2.1003	.52430	.07647	3.0249	.31206	.20524
Stddev	.00053	.0187	.00129	.00075	.0173	.00042	.00014
%RSD	.23847	.88812	.24598	.98052	.57183	.13304	.06863
#1	.22229	2.1150	.52388	.07716	3.0069	.31158	.20539
#2	.22292	2.1067	.52327	.07567	3.0264	.31227	.20519
#3	.22187	2.0793	.52574	.07657	3.0414	.31233	.20513
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.051	.42384	.29954	F -.01069	.90131	.69694	.21408
Stddev	.025	.00095	.01658	.00315	.00312	.00162	.00165
%RSD	.24408	.22479	5.5354	29.462	.34594	.23237	.77196
#1	10.023	.42286	.31344	-.00879	.89782	.69508	.21293
#2	10.060	.42390	.28119	-.01432	.90381	.69807	.21597
#3	10.069	.42476	.30400	-.00895	.90231	.69766	.21333

Sample Name: PB118931BS Acquired: 4/16/2019 13:48:13 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118931BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19329	5.656	.20981	F 4.1827	F<.00000
Stddev	.00327	.006	.00029	.0610	1.6282
%RSD	1.6893	.1061	.13782	1.4586	76.354
#1	.19706	5.661	.21014	4.1979	-2.9763
#2	.19137	5.649	.20965	4.2346	-.25551
#3	.19145	5.659	.20964	4.1155	-3.1654
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4967.6	61479.	5890.1	78.858	5099.1
Stddev	14.5	198.	15.7	1.270	12.2
%RSD	.29185	.32286	.26605	1.6108	.23904
#1	4967.9	61301.	5872.7	79.600	5095.3
#2	4952.9	61693.	5894.7	77.391	5089.3
#3	4981.9	61443.	5903.0	79.582	5112.7

Sample Name: PB118910BL Acquired: 4/16/2019 13:52:16 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118910BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00083	-.00007	.00068	.00054	-.00157	-.02000	.00037	-.00002
Stddev	.00217	.00077	.00046	.00079	.00039	.00564	.00042	.00002
%RSD	260.91	1046.2	68.309	145.57	25.216	28.228	111.37	109.76

#1	.00292	-.00027	.00052	-.00024	-.00114	-.01353	.00006	-.00000
#2	.00098	.00078	.00119	.00134	-.00163	-.02252	.00022	-.00001
#3	-.00141	-.00073	.00031	.00052	-.00192	-.02394	.00085	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.01003	.00024	-.00007	-.00058	.00014	-.00006	-.02016
Stddev	.00003	.01154	.00025	.00003	.00023	.00047	.00005	.02289
%RSD	203.05	115.15	101.75	53.014	40.054	328.58	76.166	113.55

#1	-.00002	-.00178	.00046	-.00003	-.00036	.00037	-.00007	.00034
#2	.00004	.01057	-.00003	-.00008	-.00082	.00046	-.00010	-.01596
#3	.00003	.02129	.00029	-.00009	-.00054	-.00040	-.00001	-.04487

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00049	-.08034	-.00036	-.00017	-.00526	-.00039	-.00269
Stddev	.00019	.00038	.00684	.00022	.00008	.02183	.00016	.00984
%RSD	222.91	78.642	8.5186	61.731	49.401	414.94	39.844	366.17

#1	.00028	.00010	-.08546	-.00026	-.00022	-.02979	-.00043	.00384
#2	-.00011	.00050	-.07257	-.00020	-.00007	.01200	-.00052	.00211
#3	.00009	.00086	-.08298	-.00061	-.00021	.00201	-.00022	-.01400

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	-.00215	-.00161	.00001	-.00652	-.0043	.00008	F 3.8802
Stddev	.00187	.00256	.00065	.00140	.00237	.0003	.00007	.0551
%RSD	375.74	118.81	40.621	16668.	36.303	7.658	86.550	1.4209

#1	-.00206	-.00293	-.00095	-.00150	-.00694	-.0047	.00008	3.8804
#2	-.00101	.00070	-.00162	.00028	-.00865	-.0042	.00016	3.8249
#3	.00157	-.00423	-.00226	.00125	-.00397	-.0041	.00001	3.9352

Sample Name: PB118910BL Acquired: 4/16/2019 13:52:16 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118910BL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.7761
Stddev	1.4287
%RSD	51.464

#1	3.5332
#2	1.1282
#3	3.6670

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5080.4	62714.	6012.6	79.296	5353.5
Stddev	5.2	155.	25.8	2.015	8.4
%RSD	.10204	.24672	.42974	2.5415	.15706

#1	5074.9	62779.	6039.6	78.443	5345.7
#2	5085.2	62537.	6010.0	81.598	5352.3
#3	5080.9	62826.	5988.1	77.848	5362.4

Sample Name: PB118910BS Acquired: 4/16/2019 13:56:42 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB118910BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74995	1.9863	.95561	1.9181	.76866	1.8331	.19502
Stddev	.00190	.0106	.00142	.0043	.00161	.0068	.00074
%RSD	.25390	.53470	.14894	.22226	.20959	.37007	.37906

#1	.74976	1.9844	.95410	1.9230	.76908	1.8256	.19441
#2	.74815	1.9768	.95580	1.9152	.76688	1.8349	.19584
#3	.75195	1.9978	.95693	1.9162	.77001	1.8388	.19481

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19084	.18588	1.0270	.40144	.20123	.30993	3.0396
Stddev	.00004	.00071	.0059	.00047	.00020	.00117	.0031
%RSD	.01946	.38419	.57487	.11802	.09952	.37742	.10112

#1	.19088	.18566	1.0232	.40134	.20144	.30945	3.0361
#2	.19083	.18530	1.0338	.40102	.20121	.30908	3.0405
#3	.19081	.18667	1.0240	.40195	.20104	.31126	3.0421

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21011	1.9561	.48934	.06918	2.8296	.29843	.18816
Stddev	.00023	.0251	.00163	.00054	.0190	.00024	.00009
%RSD	.11093	1.2829	.33225	.78732	.67075	.07976	.04603

#1	.20986	1.9480	.48901	.06890	2.8079	.29817	.18826
#2	.21032	1.9361	.48790	.06883	2.8428	.29849	.18811
#3	.21016	1.9843	.49110	.06981	2.8382	.29863	.18812

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4385	.40798	.28505	F -.00953	.82890	.64275	.20506
Stddev	.0589	.00090	.00478	.00151	.00676	.00123	.00140
%RSD	.62431	.22144	1.6765	15.814	.81581	.19201	.68130

#1	9.3725	.40888	.28177	-.00938	.83610	.64175	.20346
#2	9.4572	.40708	.28285	-.00810	.82792	.64237	.20603
#3	9.4859	.40797	.29053	-.01110	.82268	.64413	.20569

Sample Name: PB118910BS Acquired: 4/16/2019 13:56:42 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB118910BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18117	5.174	.19922	F 4.3267	F<.00000
Stddev	.00146	.014	.00058	.0642	1.1019
%RSD	.80456	.2626	.29003	1.4846	27.994
#1	.18138	5.169	.19878	4.3786	-2.6880
#2	.18251	5.163	.19901	4.3467	-4.3473
#3	.17962	5.189	.19988	4.2548	-4.7738
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5015.3	62784.	5964.1	78.534	5179.6
Stddev	15.6	77.	28.2	1.137	10.4
%RSD	.31073	.12216	.47331	1.4472	.20152
#1	4999.8	62728.	5935.0	78.068	5170.6
#2	5030.9	62872.	5991.4	77.705	5191.0
#3	5015.1	62753.	5966.0	79.830	5177.1

Sample Name: PB118932BL Acquired: 4/16/2019 14:00:46 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00015	.00048	.00115	-.00134	-.00932	.00123	-.00004
Stddev	.00350	.00058	.00040	.00056	.00117	.00326	.00008	.00002
%RSD	3276.3	375.73	82.683	48.491	87.017	34.911	6.5344	40.562
#1	-.00351	.00051	.00002	.00112	-.00209	-.00606	.00120	-.00005
#2	-.00030	-.00058	.00075	.00060	.00000	-.01257	.00132	-.00006
#3	.00348	-.00040	.00068	.00171	-.00194	-.00933	.00118	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00320	-.00004	.00004	-.00053	.00040	.00002	-.01996
Stddev	.00006	.00398	.00022	.00007	.00027	.00032	.00004	.01318
%RSD	144.87	124.55	532.46	169.29	49.755	80.580	264.35	66.008
#1	.00002	-.00130	.00016	.00009	-.00053	.00060	.00005	-.03039
#2	-.00008	.00628	-.00001	.00006	-.00027	.00003	.00002	-.00515
#3	-.00006	.00462	-.00028	-.00004	-.00080	.00057	-.00003	-.02435
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	.00001	-.08568	-.00040	-.00018	-.02936	-.00007	-.01100
Stddev	.00009	.00050	.00437	.00022	.00008	.02078	.00007	.02395
%RSD	14.029	4618.3	5.0967	55.797	42.301	70.772	106.70	217.72
#1	.00053	-.00056	-.08097	-.00063	-.00026	-.01131	-.00011	.01655
#2	.00067	.00034	-.08648	-.00019	-.00011	-.05207	.00002	-.02265
#3	.00069	.00025	-.08959	-.00038	-.00017	-.02469	-.00011	-.02691
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00104	-.00210	-.00233	-.00072	-.00725	-.0044	.00003	F 4.0814
Stddev	.00048	.00111	.00064	.00129	.00062	.0018	.00009	.1624
%RSD	46.183	53.106	27.448	179.35	8.5656	40.17	340.26	3.9787
#1	-.00159	-.00119	-.00268	-.00064	-.00654	-.0056	.00012	3.9118
#2	-.00087	-.00334	-.00159	-.00205	-.00763	-.0052	-.00003	4.2354
#3	-.00068	-.00176	-.00272	.00053	-.00760	-.0024	-.00002	4.0971

Sample Name: PB118932BL Acquired: 4/16/2019 14:00:46 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.5084
Stddev 1.8485
%RSD 52.688

#1 4.2667
#2 4.8571
#3 1.4013

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5092.6	63239.	6066.4	79.829	5367.3
Stddev	4.5	241.	20.1	.809	5.8
%RSD	.08846	.38176	.33136	1.0138	.10750

#1	5087.5	62973.	6047.1	79.986	5371.5
#2	5095.8	63299.	6087.2	80.548	5360.8
#3	5094.5	63445.	6065.0	78.952	5369.8

Sample Name: PB118932BS Acquired: 4/16/2019 14:05:13 Type: Unk
Method: P4-ICP2(v3052) 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	.77649	2.0493	.98366	1.9786	.79358	1.9081	.20169
Stddev	.00470	.0073	.00252	.0061	.00207	.0163	.00139
%RSD	.60577	.35826	.25629	.30974	.26110	.85427	.68872

#1	.78016	2.0456	.98515	1.9847	.79359	1.8894	.20091
#2	.77812	2.0446	.98074	1.9725	.79150	1.9189	.20088
#3	.77118	2.0578	.98507	1.9786	.79565	1.9160	.20330

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19680	.19061	1.0698	.41383	.20887	.31975	3.1385
Stddev	.00049	.00026	.0198	.00131	.00052	.00092	.0120
%RSD	.24834	.13900	1.8498	.31540	.24976	.28852	.38290

#1	.19624	.19056	1.0494	.41236	.20923	.32079	3.1254
#2	.19699	.19090	1.0711	.41427	.20828	.31903	3.1408
#3	.19716	.19038	1.0889	.41485	.20912	.31945	3.1491

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21731	1.9689	.50411	.07126	2.9296	.30794	.19632
Stddev	.00074	.0145	.00120	.00019	.0218	.00127	.00038
%RSD	.34261	.73759	.23893	.26033	.74288	.41171	.19163

#1	.21646	1.9687	.50550	.07106	2.9109	.30663	.19620
#2	.21782	1.9544	.50338	.07142	2.9243	.30801	.19601
#3	.21765	1.9835	.50346	.07131	2.9535	.30916	.19674

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7317	.42197	.28349	F -.00623	.84178	.66347	.21170
Stddev	.0980	.00079	.00586	.00374	.00576	.00174	.00253
%RSD	1.0066	.18724	2.0662	59.960	.68444	.26215	1.1943

#1	9.6309	.42275	.28565	-.00404	.83549	.66326	.20907
#2	9.7378	.42117	.28795	-.01054	.84681	.66530	.21411
#3	9.8265	.42198	.27685	-.00411	.84304	.66185	.21191

Sample Name: PB118932BS Acquired: 4/16/2019 14:05:13 Type: Unk
 Method: P4-ICP2(v3052) 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	.18736	5.335	.20504	F 4.6499	F<.00000
Stddev	.00178	.008	.00119	.0355	1.4673
%RSD	.94888	.1534	.58222	.76320	50.562
#1	.18864	5.334	.20381	4.6742	-3.5860
#2	.18533	5.328	.20511	4.6663	-3.9025
#3	.18811	5.344	.20620	4.6092	-1.2176
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4952.7	61981.	5919.2	77.474	5115.5
Stddev	24.3	34.	6.0	.619	15.9
%RSD	.48992	.05529	.10152	.79955	.31097
#1	4924.9	61944.	5918.9	77.359	5097.4
#2	4969.9	61988.	5913.3	78.143	5127.2
#3	4963.3	62011.	5925.3	76.920	5121.8

Sample Name: PB118932TB Acquired: 4/16/2019 14:09:17 Type: Unk
Method: P4-ICP2(v3052) 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	-.00396	-.00281	.00057	.00356	-.00079	-.00631	.00097	-.00018
Stddev	.00087	.00075	.00084	.00259	.00067	.00428	.00086	.00002
%RSD	21.894	26.743	147.24	72.726	84.249	67.880	88.164	8.2221
#1	-.00455	-.00198	-.00039	.00441	-.00120	-.00463	.00102	-.00017
#2	-.00436	-.00299	.00094	.00561	-.00002	-.01118	.00009	-.00020
#3	-.00296	-.00345	.00116	.00065	-.00117	-.00312	.00180	-.00018
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	.01701	.00075	-.00028	-.00039	.00534	.00015	-.01522
Stddev	.00006	.00113	.00030	.00014	.00017	.00028	.00006	.02840
%RSD	58.953	6.6390	40.545	49.412	43.502	5.2681	43.549	186.54
#1	-.00012	.01649	.00041	-.00034	-.00058	.00506	.00022	-.00445
#2	-.00004	.01830	.00086	-.00037	-.00025	.00562	.00014	-.04743
#3	-.00017	.01623	.00098	-.00012	-.00033	.00534	.00009	.00621
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00153	.00151	F 313.01	-.00034	.00122	.08449	-.00017	.00102
Stddev	.00057	.00062	1.40	.00016	.00006	.05234	.00028	.00582
%RSD	37.468	40.794	.44813	46.602	4.8977	61.945	161.68	572.84
#1	.00088	.00205	314.63	-.00031	.00129	.02894	.00007	-.00570
#2	.00196	.00165	312.18	-.00020	.00120	.09166	-.00011	.00422
#3	.00175	.00084	312.22	-.00051	.00118	.13288	-.00047	.00453
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00785	.00631	-.00086	.00038	-.00717	-.0057	.00002	5.6900
Stddev	.00121	.00092	.00029	.00259	.00056	.0016	.00003	.0340
%RSD	15.410	14.516	33.724	679.20	7.8180	28.85	156.98	.59833
#1	.00663	.00580	-.00077	-.00055	-.00766	-.0045	-.00001	5.6545
#2	.00905	.00576	-.00062	-.00161	-.00728	-.0075	.00003	5.6930
#3	.00788	.00737	-.00118	.00330	-.00656	-.0049	.00005	5.7224

Sample Name: PB118932TB Acquired: 4/16/2019 14:09:17 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.2539
Stddev	.5315
%RSD	5.7435

#1	8.6783
#2	9.7260
#3	9.3573

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4701.6	57907.	5968.6	76.992	4557.2
Stddev	10.8	243.	74.5	1.989	4.5
%RSD	.22956	.42012	1.2489	2.5832	.09874

#1	4691.5	57741.	6054.6	79.220	4554.2
#2	4700.3	57793.	5924.6	75.398	4555.0
#3	4713.0	58186.	5926.5	76.357	4562.4

Sample Name: PB118931TB Acquired: 4/16/2019 14:13:53 Type: Unk
Method: P4-ICP2(v3052) 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	-.00089	-.00129	-.00035	.00174	-.00084	-.00925	.00113	-.00014
Stddev	.00157	.00060	.00105	.00002	.00110	.01098	.00053	.00006
%RSD	176.96	46.819	295.16	.86841	130.66	118.71	46.429	40.591
#1	.00083	-.00164	-.00110	.00174	.00023	-.01076	.00057	-.00010
#2	-.00224	-.00164	-.00080	.00175	-.00196	-.01940	.00162	-.00021
#3	-.00126	-.00059	.00084	.00172	-.00079	.00241	.00121	-.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.01502	.00036	-.00027	-.00033	.00345	.00018	-.03359
Stddev	.00002	.00423	.00041	.00010	.00009	.00035	.00004	.06377
%RSD	31.137	28.188	111.75	36.219	28.182	10.228	25.320	189.85
#1	-.00004	.01186	.00033	-.00016	-.00031	.00385	.00018	-.10199
#2	-.00005	.01337	-.00003	-.00029	-.00042	.00318	.00013	-.02300
#3	-.00007	.01983	.00078	-.00036	-.00024	.00333	.00022	.02422
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00120	.00133	F 281.07	-.00040	.00509	.15635	-.00014	-.00161
Stddev	.00025	.00024	2.09	.00012	.00007	.05779	.00023	.00470
%RSD	20.506	18.042	.74436	29.628	1.2943	36.959	165.53	291.50
#1	.00138	.00106	279.10	-.00034	.00506	.12883	-.00036	-.00543
#2	.00092	.00151	280.83	-.00032	.00504	.11747	.00010	-.00304
#3	.00129	.00142	283.27	-.00054	.00516	.22275	-.00016	.00364
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00290	.00358	-.00120	-.00001	-.00322	-.0067	.00006	5.3699
Stddev	.00255	.00168	.00046	.00115	.00094	.0009	.00003	.1265
%RSD	87.777	46.987	38.180	7854.1	29.178	13.88	44.014	2.3561
#1	.00010	.00287	-.00159	-.00133	-.00214	-.0059	.00008	5.3161
#2	.00509	.00550	-.00132	.00077	-.00381	-.0077	.00006	5.5144
#3	.00352	.00237	-.00069	.00052	-.00371	-.0063	.00003	5.2791

Sample Name: PB118931TB Acquired: 4/16/2019 14:13:53 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	11.201
Stddev	1.150
%RSD	10.270

#1	9.8821
#2	11.727
#3	11.995

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4745.8	58669.	6027.3	79.109	4610.3
Stddev	9.0	62.	25.4	.597	6.0
%RSD	.18870	.10487	.42100	.75459	.12971

#1	4741.7	58664.	5999.8	78.939	4608.7
#2	4739.6	58610.	6032.2	79.773	4605.2
#3	4756.0	58732.	6049.8	78.616	4616.9

Sample Name: CCV03 Acquired: 4/16/2019 14:18:29 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2330	5.2603	5.1247	5.2311	5.3105	9.9932	10.180	.26344
Stddev	.0095	.0189	.0059	.0145	.0111	.1016	.054	.00052
%RSD	.18082	.35962	.11447	.27763	.20895	1.0168	.53268	.19675
#1	5.2359	5.2644	5.1283	5.2393	5.3204	9.9846	10.167	.26382
#2	5.2406	5.2768	5.1179	5.2398	5.2985	9.8961	10.134	.26285
#3	5.2224	5.2396	5.1278	5.2144	5.3125	10.099	10.240	.26366
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5598	25.124	.99643	2.6430	1.2907	5.0726	2.6256	25.369
Stddev	.0031	.098	.00240	.0023	.0027	.0045	.0024	.285
%RSD	.12240	.38926	.24084	.08586	.21215	.08810	.08983	1.1226
#1	2.5626	25.169	.99538	2.6423	1.2937	5.0681	2.6283	25.269
#2	2.5564	25.012	.99474	2.6412	1.2883	5.0770	2.6238	25.148
#3	2.5603	25.191	.99918	2.6456	1.2901	5.0727	2.6248	25.691
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5527	1.2777	25.205	2.4615	2.6129	24.955	5.1087	5.1199
Stddev	.0036	.0024	.133	.0034	.0009	.189	.0063	.0531
%RSD	.14230	.18599	.52590	.13868	.03407	.75787	.12425	1.0363
#1	2.5569	1.2786	25.156	2.4586	2.6129	24.851	5.1149	5.1381
#2	2.5503	1.2796	25.104	2.4653	2.6139	24.840	5.1088	5.0601
#3	2.5508	1.2750	25.355	2.4607	2.6121	25.173	5.1022	5.1614
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9749	4.7036	4.9413	5.1742	4.7094	5.172	5.1076	5.0661
Stddev	.0224	.0256	.0051	.0129	.0151	.020	.0133	.0670
%RSD	.45056	.54478	.10316	.24827	.32151	.3943	.26087	1.3220
#1	4.9848	4.6750	4.9373	5.1761	4.6983	5.177	5.0996	5.1434
#2	4.9906	4.7243	4.9471	5.1606	4.7033	5.188	5.1002	5.0304
#3	4.9492	4.7116	4.9396	5.1860	4.7266	5.149	5.1230	5.0245

Sample Name: CCV03 Acquired: 4/16/2019 14:18:29 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.8723
Stddev	.8770
%RSD	30.533

#1	2.9535
#2	1.9576
#3	3.7059

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4860.9	60452.	6110.3	77.450	4692.4
Stddev	8.2	294.	17.1	1.540	3.6
%RSD	.16875	.48678	.27951	1.9881	.07715

#1	4855.1	60653.	6129.8	76.071	4693.1
#2	4857.3	60588.	6103.1	77.167	4688.5
#3	4870.2	60114.	6097.9	79.111	4695.7

Sample Name: CCB03 Acquired: 4/16/2019 14:22:27 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8134 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00132	.00051	.00024	.00121	-.00046	-.01697	.00100	-.00008
Stddev	.00026	.00090	.00101	.00100	.00034	.00868	.00065	.00011
%RSD	19.259	176.97	423.72	83.052	75.366	51.153	65.515	141.42
#1	.00162	.00096	.00139	.00119	-.00082	-.02637	.00168	-.00020
#2	.00121	-.00053	-.00023	.00021	-.00042	-.00925	.00093	-.00001
#3	.00115	.00110	-.00045	.00222	-.00013	-.01530	.00038	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00390	-.00025	-.00023	-.00061	-.00021	.00002	-.00022
Stddev	.00006	.01016	.00008	.00003	.00019	.00070	.00002	.02499
%RSD	304.48	260.33	32.615	12.064	31.798	340.78	118.15	11305.
#1	.00008	-.00736	-.00026	-.00022	-.00043	-.00035	-.00000	-.01594
#2	-.00003	.01237	-.00017	-.00022	-.00081	-.00082	.00005	.02860
#3	.00001	.00669	-.00034	-.00026	-.00059	.00056	.00002	-.01332
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	-.00029	-.01155	-.00040	-.00019	.00242	.00004	.00461
Stddev	.00035	.00050	.00261	.00012	.00003	.03085	.00018	.01065
%RSD	73.098	173.02	22.618	30.276	14.974	1273.0	490.85	231.06
#1	.00088	-.00085	-.00856	-.00029	-.00017	.03420	.00012	.00071
#2	.00025	-.00015	-.01339	-.00053	-.00018	.00049	.00016	-.00354
#3	.00030	.00013	-.01270	-.00039	-.00023	-.02742	-.00017	.01666
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00116	-.00219	-.00102	.00120	-.00476	-.0058	.00009	F 4.0593
Stddev	.00155	.00130	.00055	.00088	.00054	.0019	.00004	.0061
%RSD	134.46	59.521	53.822	72.909	11.374	32.69	42.925	.14994
#1	.00295	-.00106	-.00042	.00202	-.00417	-.0053	.00011	4.0527
#2	.00026	-.00361	-.00115	.00028	-.00523	-.0043	.00010	4.0606
#3	.00025	-.00188	-.00149	.00130	-.00489	-.0080	.00004	4.0647

Sample Name: CCB03 Acquired: 4/16/2019 14:22:27 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8134 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5012
Stddev	1.1031
%RSD	73.478

#1	1.2916
#2	2.6941
#3	.51805

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5057.5	63374.	6132.5	80.102	5336.9
Stddev	3.9	91.	33.4	.397	5.9
%RSD	.07639	.14402	.54544	.49519	.11032

#1	5053.3	63269.	6097.3	80.502	5330.7
#2	5058.1	63424.	6163.9	80.093	5337.5
#3	5061.0	63430.	6136.4	79.709	5342.5

Sample Name: K2423-17 Acquired: 4/16/2019 14:26:55 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP5-A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12516	.00606	.30909	-.12005	.01581	233.12	1.5103
Stddev	.00459	.00206	.00098	.00427	.00165	1.41	.0074
%RSD	3.6671	33.971	.31570	3.5567	10.409	.60512	.49044

#1	.12973	.00513	.30804	-.12241	.01554	234.43	1.5174
#2	.12055	.00842	.30997	-.12262	.01757	231.63	1.5026
#3	.12519	.00464	.30925	-.11512	.01431	233.32	1.5109

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02579	.01650	13.840	.41995	.29355	.36234	325.86
Stddev	.00017	.00057	.017	.00036	.00178	.00105	.31
%RSD	.66137	3.4403	.12237	.08562	.60785	.29092	.09497

#1	.02576	.01597	13.833	.41957	.29213	.36245	326.05
#2	.02563	.01710	13.827	.41999	.29555	.36333	325.51
#3	.02597	.01643	13.859	.42029	.29297	.36123	326.03

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3197	65.293	.37909	-.03344	2.4734	.78107	1.0984
Stddev	.0391	.434	.00156	.00077	.0300	.00210	.0028
%RSD	.53351	.66481	.41283	2.2941	1.2141	.26944	.25217

#1	7.3318	65.680	.37843	-.03260	2.4903	.77864	1.0987
#2	7.2760	64.823	.38088	-.03411	2.4387	.78211	1.1010
#3	7.3513	65.377	.37797	-.03360	2.4911	.78245	1.0955

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.905	.00915	.13239	1.4355	3.0997	.02619	5.6350
Stddev	.113	.00013	.00614	.0084	.0403	.00026	.0186
%RSD	.49328	1.4404	4.6374	.58323	1.2999	1.0002	.33070

#1	23.002	.00922	.12715	1.4311	3.0707	.02607	5.6484
#2	22.781	.00923	.13088	1.4451	3.1457	.02649	5.6428
#3	22.932	.00900	.13915	1.4302	3.0826	.02601	5.6137

Sample Name: K2423-17 Acquired: 4/16/2019 14:26:55 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP5-A Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25385	7.884	-.20233	<.00000	F<.00000
Stddev	.00041	.055	.00005	.03738	1.0719
%RSD	.16086	.6974	.02572	1.3555	.45262
#1	.25397	7.901	-.20227	-2.7145	-236.12
#2	.25339	7.929	-.20236	-2.7822	-236.27
#3	.25418	7.823	-.20235	-2.7758	-238.05
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6351.6	79238.	8305.9	75.355	4251.0
Stddev	8.9	339.	26.4	1.558	4.6
%RSD	.13950	.42824	.31808	2.0674	.10813
#1	6358.5	78875.	8321.5	76.630	4255.6
#2	6354.7	79547.	8275.4	75.815	4246.4
#3	6341.6	79293.	8320.9	73.618	4250.9

Sample Name: K2423-19 Acquired: 4/16/2019 14:35:34 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP5-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08862	.00701	.34858	-.09784	.01593	212.49	1.2096
Stddev	.00253	.00072	.00225	.00063	.00174	.28	.0024
%RSD	2.8545	10.349	.64542	.64464	10.915	.12965	.19999

#1	.09105	.00635	.34904	-.09789	.01394	212.70	1.2071
#2	.08880	.00778	.35057	-.09719	.01713	212.18	1.2098
#3	.08600	.00688	.34614	-.09845	.01673	212.59	1.2119

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02188	.01086	15.586	.34832	.25389	.29037	300.44
Stddev	.00006	.00031	.003	.00089	.00073	.00098	1.32
%RSD	.26483	2.8232	.01965	.25434	.28829	.33827	.43931

#1	.02182	.01113	15.585	.34739	.25371	.29134	299.40
#2	.02193	.01053	15.584	.34915	.25469	.28938	301.93
#3	.02190	.01091	15.590	.34844	.25326	.29040	300.00

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.5971	52.201	.28746	-.02712	1.9925	.59957	1.0460
Stddev	.0393	.211	.00055	.00010	.0101	.00234	.0010
%RSD	.51717	.40440	.19037	.35625	.50638	.38955	.09516

#1	7.5604	51.960	.28783	-.02701	1.9873	.59706	1.0452
#2	7.6386	52.291	.28773	-.02715	2.0041	.60168	1.0471
#3	7.5923	52.352	.28683	-.02720	1.9860	.59998	1.0457

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.673	.00325	.13520	2.2434	4.9667	.03071	4.5003
Stddev	.017	.00030	.00345	.0154	.0550	.00051	.0180
%RSD	.10955	9.1953	2.5537	.68647	1.1077	1.6729	.39930

#1	15.671	.00296	.13247	2.2591	4.9128	.03112	4.5138
#2	15.657	.00323	.13908	2.2283	4.9647	.03013	4.4799
#3	15.691	.00356	.13406	2.2430	5.0227	.03087	4.5072

Sample Name: K2423-19 Acquired: 4/16/2019 14:35:34 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP5-B Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22757	7.435	-.19426	<.00000	F<.00000
Stddev	.00223	.019	.00159	.07814	2.9624
%RSD	.98095	.2594	.81943	5.5208	1.8496
#1	.22895	7.455	-.19282	-1.4696	-156.90
#2	.22876	7.417	-.19597	-1.4508	-160.90
#3	.22499	7.433	-.19401	-1.3258	-162.69
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6052.7	75383.	7802.0	74.268	4278.1
Stddev	8.7	49.	23.5	.628	6.9
%RSD	.14350	.06562	.30177	.84496	.16021
#1	6059.7	75326.	7777.1	74.833	4286.0
#2	6055.6	75407.	7805.1	73.593	4273.6
#3	6043.0	75417.	7823.8	74.379	4274.7

Sample Name: K2423-19DUP Acquired: 4/16/2019 14:40:08 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP5-BDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08779	.00740	.33806	-.09875	.01277	208.65	1.1898
Stddev	.00105	.00121	.00061	.00221	.00068	.47	.0019
%RSD	1.1952	16.354	.18144	2.2412	5.3480	.22443	.15744

#1	.08663	.00673	.33876	-.09620	.01200	208.91	1.1882
#2	.08809	.00667	.33781	-.10017	.01304	208.10	1.1918
#3	.08866	.00880	.33761	-.09988	.01328	208.92	1.1892

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02153	.01004	15.235	.34236	.24630	.28567	295.53
Stddev	.00041	.00011	.035	.00161	.00043	.00127	1.58
%RSD	1.8926	1.1429	.23234	.47105	.17387	.44368	.53489

#1	.02193	.00994	15.276	.34184	.24669	.28710	296.91
#2	.02111	.01003	15.210	.34107	.24637	.28471	293.81
#3	.02156	.01016	15.220	.34416	.24584	.28519	295.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4433	51.616	.28167	-.02667	1.9387	.58911	1.0174
Stddev	.0147	.351	.00153	.00039	.0056	.00114	.0004
%RSD	.19782	.68072	.54157	1.4694	.29023	.19420	.04218

#1	7.4599	51.247	.28333	-.02625	1.9325	.58834	1.0179
#2	7.4319	51.657	.28032	-.02702	1.9436	.58858	1.0170
#3	7.4382	51.946	.28138	-.02673	1.9398	.59043	1.0173

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.524	.00317	.13285	2.1956	4.7158	.02870	4.4065
Stddev	.061	.00016	.00958	.0138	.0610	.00090	.0107
%RSD	.39611	5.2055	7.2096	.63031	1.2929	3.1304	.24221

#1	15.481	.00315	.14245	2.2064	4.7712	.02924	4.4056
#2	15.594	.00334	.13279	2.1800	4.6505	.02766	4.3963
#3	15.497	.00301	.12330	2.2003	4.7257	.02919	4.4176

Sample Name: K2423-19DUP Acquired: 4/16/2019 14:40:08 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP5-BDUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22235	7.248	-.19115	<.00000	F<.00000
Stddev	.00194	.015	.00141	.26107	7.8404
%RSD	.87198	.2117	.73858	15.201	5.0285

#1	.22244	7.264	-.19257	-2.0130	-149.39
#2	.22036	7.233	-.18975	-1.6211	-164.62
#3	.22424	7.247	-.19113	-1.5182	-153.75

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6155.8	76550.	7966.1	75.344	4378.6
Stddev	3.5	207.	39.5	.611	4.5
%RSD	.05605	.27045	.49524	.81106	.10306

#1	6158.8	76423.	7946.8	76.047	4376.2
#2	6152.0	76789.	8011.5	75.047	4383.8
#3	6156.6	76438.	7940.0	74.938	4375.7

Sample Name: K2423-19LX5 Acquired: 4/16/2019 14:44:42 Type: Unk
Method: P4-ICP2(v3052) 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	.02378	.00406	.06684	-.01465	.00340	50.847	.28965
Stddev	.00217	.00171	.00153	.00180	.00078	.285	.00109
%RSD	9.1112	41.977	2.2830	12.261	23.071	.56039	.37464

#1	.02552	.00270	.06836	-.01583	.00384	50.953	.29010
#2	.02447	.00597	.06685	-.01258	.00386	50.524	.28842
#3	.02135	.00351	.06531	-.01553	.00249	51.064	.29045

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00519	-.00243	3.9223	.08638	.04990	.07247	95.210
Stddev	.00002	.00013	.0126	.00042	.00024	.00029	.203
%RSD	.31327	5.1498	.32218	.48336	.48272	.39583	.21302

#1	.00520	-.00242	3.9340	.08598	.04980	.07250	95.223
#2	.00520	-.00231	3.9241	.08681	.04972	.07217	95.001
#3	.00517	-.00256	3.9089	.08634	.05017	.07274	95.406

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9936	12.947	.05532	-.00423	.40119	.14954	.19126
Stddev	.0024	.181	.00037	.00055	.00505	.00114	.00045
%RSD	.11824	1.4005	.66419	12.973	1.2581	.76097	.23568

#1	1.9944	13.155	.05549	-.00391	.39548	.14868	.19131
#2	1.9910	12.820	.05490	-.00487	.40305	.15083	.19168
#3	1.9955	12.867	.05557	-.00392	.40504	.14912	.19078

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7051	.00055	.06523	.43603	1.0116	.00346	1.1192
Stddev	.0524	.00012	.00480	.00526	.0131	.00062	.0108
%RSD	1.4145	21.856	7.3561	1.2056	1.2911	17.901	.96633

#1	3.7207	.00043	.07024	.44064	1.0258	.00416	1.1307
#2	3.6467	.00068	.06479	.43715	1.0002	.00325	1.1175
#3	3.7480	.00055	.06067	.43030	1.0086	.00297	1.1092

Sample Name: K2423-19LX5 Acquired: 4/16/2019 14:44:42 Type: Unk
 Method: P4-ICP2(v3052) 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	.05090	1.422	-.07050	3.4646	F<.00000
Stddev	.00113	.009	.00029	.1052	1.8328
%RSD	2.2144	.6215	.41612	3.0372	16.174

#1	.05121	1.420	-.07018	3.5776	-12.901
#2	.04965	1.431	-.07058	3.3694	-9.3175
#3	.05183	1.414	-.07075	3.4468	-11.776

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5239.1	65358.	6524.4	79.119	4866.2
Stddev	8.4	323.	23.9	.382	2.9
%RSD	.15940	.49389	.36680	.48263	.05897

#1	5230.0	65130.	6496.8	78.971	4864.9
#2	5240.8	65727.	6538.1	79.552	4864.2
#3	5246.4	65217.	6538.4	78.833	4869.5

Sample Name: K2423-19MS Acquired: 4/16/2019 14:49:06 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP5-BMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68350	2.0010	1.3662	1.3140	.10963	227.01	1.3336
Stddev	.00041	.0111	.0056	.0064	.00292	.94	.0092
%RSD	.06055	.55266	.41094	.48769	2.6632	.41554	.68587

#1	.68367	1.9985	1.3721	1.3132	.10866	226.46	1.3329
#2	.68302	2.0132	1.3657	1.3207	.10732	228.10	1.3430
#3	.68379	1.9915	1.3609	1.3080	.11291	226.47	1.3248

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18366	.21064	16.412	.68087	.54380	.50333	312.51
Stddev	.00062	.00003	.095	.00149	.00167	.00262	.82
%RSD	.33983	.01447	.57616	.21921	.30655	.52110	.26154

#1	.18299	.21063	16.520	.68117	.54510	.50629	311.99
#2	.18423	.21068	16.370	.68218	.54437	.50127	312.07
#3	.18375	.21062	16.345	.67925	.54192	.50244	313.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9202	53.442	.78656	.02665	4.2940	.84345	1.2254
Stddev	.0406	.293	.00238	.00033	.0346	.00107	.0002
%RSD	.45551	.54853	.30270	1.2216	.80639	.12742	.01508

#1	8.9665	53.614	.78831	.02702	4.3131	.84455	1.2256
#2	8.9038	53.608	.78752	.02652	4.3149	.84241	1.2255
#3	8.8904	53.103	.78384	.02641	4.2541	.84339	1.2252

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.258	.26034	.28415	2.1849	4.7704	.62618	4.5160
Stddev	.130	.00097	.01624	.0181	.0745	.00085	.0078
%RSD	.55792	.37281	5.7142	.82795	1.5624	.13544	.17203

#1	23.279	.26128	.26686	2.1859	4.8533	.62520	4.5090
#2	23.376	.26041	.29907	2.2024	4.7490	.62667	4.5243
#3	23.119	.25934	.28651	2.1663	4.7089	.62667	4.5145

Sample Name: K2423-19MS Acquired: 4/16/2019 14:49:06 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP5-BMS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.37106	F 14.01	-.06053	<.00000	F<.00000
Stddev	.00091	.07	.00128	.13548	2.7865
%RSD	.24429	.5237	2.1100	10.241	1.4338

#1	.37064	14.00	-.05916	-1.4631	-191.43
#2	.37045	14.09	-.06074	-1.1927	-194.65
#3	.37210	13.95	-.06169	-1.3127	-196.97

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6060.3	75541.	7860.1	75.027	4289.0
Stddev	1.9	187.	54.2	.750	2.5
%RSD	.03142	.24769	.68934	.99973	.05721

#1	6061.5	75371.	7815.0	75.445	4291.9
#2	6058.1	75511.	7920.2	75.476	4287.8
#3	6061.3	75741.	7845.1	74.161	4287.5

Sample Name: K2423-19MSD Acquired: 4/16/2019 14:53:31 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP5-BMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68165	1.9994	1.3564	1.3191	.10836	228.47	1.3549
Stddev	.00148	.0088	.0027	.0065	.00240	1.06	.0046
%RSD	.21747	.44218	.19834	.49095	2.2189	.46209	.33725

#1	.67996	2.0080	1.3562	1.3149	.10971	229.52	1.3602
#2	.68226	1.9999	1.3592	1.3158	.10978	228.50	1.3529
#3	.68273	1.9904	1.3538	1.3266	.10558	227.41	1.3518

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18412	.21131	16.845	.67779	.52773	.50304	310.26
Stddev	.00031	.00076	.031	.00076	.00073	.00112	.46
%RSD	.16812	.35734	.18359	.11206	.13781	.22190	.14954

#1	.18395	.21212	16.880	.67715	.52819	.50290	309.89
#2	.18448	.21118	16.824	.67863	.52689	.50422	310.78
#3	.18393	.21062	16.831	.67759	.52811	.50200	310.11

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.6711	53.339	.78652	.02663	4.3034	.83571	1.2313
Stddev	.0227	.193	.00097	.00041	.0227	.00046	.0040
%RSD	.26196	.36126	.12281	1.5221	.52843	.05540	.32929

#1	8.6654	53.557	.78751	.02653	4.3248	.83621	1.2358
#2	8.6518	53.271	.78646	.02628	4.3059	.83529	1.2303
#3	8.6961	53.190	.78558	.02707	4.2795	.83564	1.2279

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.548	.26082	.28791	2.1946	3.9791	.62466	4.4663
Stddev	.094	.00087	.00197	.0155	.0154	.00256	.0043
%RSD	.40024	.33382	.68302	.70421	.38762	.41054	.09717

#1	23.657	.26006	.28944	2.2109	3.9686	.62676	4.4709
#2	23.494	.26177	.28861	2.1802	3.9968	.62541	4.4622
#3	23.492	.26062	.28569	2.1925	3.9718	.62180	4.4658

Sample Name: K2423-19MSD Acquired: 4/16/2019 14:53:31 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP5-BMSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.37531	F 13.93	-.05391	<.00000	F<.00000
Stddev	.00055	.07	.00121	.15974	3.2802
%RSD	.14729	.5178	2.2433	13.480	1.7658
#1	.37511	14.01	-.05256	-1.2487	-185.18
#2	.37593	13.91	-.05491	-1.3031	-182.81
#3	.37488	13.87	-.05424	-1.0033	-189.29
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6084.3	75767.	7857.1	74.477	4307.0
Stddev	6.4	216.	8.5	.552	6.2
%RSD	.10541	.28556	.10791	.74134	.14367
#1	6088.8	75539.	7847.9	73.861	4302.3
#2	6076.9	75793.	7864.6	74.929	4304.7
#3	6087.1	75969.	7859.0	74.639	4314.0

Sample Name: K2423-19A Acquired: 4/16/2019 14:57:56 Type: Unk
Method: P4-ICP2(v3052) 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	.68433	2.0140	1.3616	1.3256	.10565	230.39	1.3755
Stddev	.00053	.0090	.0070	.0053	.00060	1.21	.0067
%RSD	.07708	.44578	.51124	.39611	.57135	.52565	.48810

#1	.68381	2.0215	1.3695	1.3311	.10497	229.33	1.3681
#2	.68486	2.0041	1.3567	1.3207	.10613	230.13	1.3772
#3	.68432	2.0166	1.3585	1.3248	.10585	231.71	1.3812

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18433	.21334	17.219	.67828	.50367	.50676	307.03
Stddev	.00028	.00017	.046	.00115	.00137	.00160	.98
%RSD	.14920	.07929	.26583	.16941	.27155	.31516	.31864

#1	.18430	.21328	17.271	.67708	.50525	.50849	305.98
#2	.18462	.21322	17.185	.67937	.50298	.50534	307.19
#3	.18408	.21354	17.201	.67839	.50279	.50644	307.92

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.3087	53.578	.79522	.02785	4.3417	.83219	1.2513
Stddev	.0516	.240	.00374	.00030	.0121	.00232	.0013
%RSD	.62148	.44770	.47025	1.0658	.27753	.27901	.10093

#1	8.2620	53.331	.79915	.02795	4.3296	.83384	1.2522
#2	8.3000	53.810	.79482	.02809	4.3537	.83319	1.2518
#3	8.3641	53.593	.79170	.02752	4.3418	.82953	1.2498

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.848	.26135	.28190	2.2030	3.5958	.62893	4.4334
Stddev	.042	.00049	.00641	.0032	.0800	.00262	.0120
%RSD	.17657	.18897	2.2730	.14345	2.2248	.41584	.26952

#1	23.801	.26191	.28329	2.2046	3.6799	.63121	4.4472
#2	23.882	.26116	.28749	2.2051	3.5868	.62608	4.4257
#3	23.863	.26098	.27491	2.1994	3.5206	.62950	4.4273

Sample Name: K2423-19A Acquired: 4/16/2019 14:57:56 Type: Unk
Method: P4-ICP2(v3052) 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	.38341	F 13.83	-.04795	<.00000	F<.00000
Stddev	.00088	.04	.00187	.14757	4.0293
%RSD	.23007	.2795	3.8987	8.9023	2.2317

#1	.38349	13.85	-.04579	-1.5078	-179.40
#2	.38249	13.78	-.04897	-1.6625	-185.02
#3	.38425	13.85	-.04909	-1.8028	-177.21

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6106.4	75793.	7859.3	75.320	4310.7
Stddev	6.5	173.	38.3	.433	3.5
%RSD	.10677	.22840	.48740	.57499	.08011

#1	6100.0	75926.	7815.1	75.326	4309.0
#2	6113.0	75857.	7883.0	75.750	4314.7
#3	6106.3	75598.	7879.8	74.884	4308.4

Sample Name: K2203-09 Acquired: 4/16/2019 15:05:21 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-041519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04529	.00421	1.1851	-.06695	.01008	159.23	1.3761
Stddev	.00207	.00134	.0084	.00257	.00118	.64	.0023
%RSD	4.5733	31.840	.70724	3.8442	11.721	.40052	.17018

#1	.04309	.00515	1.1869	-.06781	.01136	159.07	1.3748
#2	.04721	.00268	1.1760	-.06898	.00903	158.68	1.3747
#3	.04557	.00481	1.1925	-.06405	.00985	159.93	1.3788

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01373	.00935	126.42	.26783	.18324	.55969	239.33
Stddev	.00005	.00018	.20	.00027	.00095	.00201	1.01
%RSD	.33578	1.8874	.15737	.09937	.52065	.35960	.42018

#1	.01372	.00953	126.35	.26807	.18400	.56154	239.21
#2	.01369	.00933	126.65	.26787	.18217	.55755	238.39
#3	.01378	.00918	126.27	.26754	.18355	.55998	240.39

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0148	73.488	.30757	-.01707	4.3068	.56496	1.6715
Stddev	.0273	.319	.00217	.00030	.0188	.00313	.0017
%RSD	.45418	.43354	.70396	1.7325	.43569	.55353	.09864

#1	6.0054	73.405	.30992	-.01716	4.2964	.56620	1.6733
#2	6.0455	73.218	.30566	-.01732	4.2954	.56140	1.6700
#3	5.9933	73.839	.30713	-.01674	4.3284	.56728	1.6713

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.015	.00503	.20779	7.0862	3.8857	.04827	5.1224
Stddev	.066	.00027	.00513	.0423	.0752	.00100	.0113
%RSD	.50622	5.2926	2.4685	.59625	1.9344	2.0732	.22081

#1	12.944	.00525	.20875	7.1101	3.9245	.04882	5.1269
#2	13.075	.00511	.21238	7.0374	3.9335	.04712	5.1095
#3	13.025	.00474	.20225	7.1111	3.7990	.04888	5.1308

Sample Name: K2203-09 Acquired: 4/16/2019 15:05:21 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-01-041519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21677	9.825	.25064	.33182	F<.00000
Stddev	.00166	.051	.00174	.04936	5.0273
%RSD	.76595	.5207	.69322	14.875	5.5574
#1	.21745	9.865	.25121	.28248	-90.366
#2	.21487	9.767	.25202	.38119	-85.483
#3	.21798	9.842	.24869	.33178	-95.536
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5626.3	70237.	7315.4	73.483	4309.3
Stddev	5.9	13.	28.0	1.041	4.8
%RSD	.10545	.01833	.38314	1.4173	.11217
#1	5621.3	70223.	7304.4	74.193	4303.7
#2	5624.9	70248.	7294.5	72.287	4312.3
#3	5632.9	70241.	7347.3	73.968	4311.9

Sample Name: K2203-11 Acquired: 4/16/2019 15:09:52 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-041519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12060	.00208	.47332	-.07305	.01229	182.93	.80338
Stddev	.00255	.00244	.00073	.00385	.00120	3.44	.01591
%RSD	2.1122	117.43	.15465	5.2716	9.7500	1.8782	1.9805

#1	.12319	-.00002	.47387	-.07749	.01111	179.03	.78508
#2	.11810	.00150	.47249	-.07103	.01351	184.23	.81117
#3	.12051	.00476	.47359	-.07063	.01224	185.52	.81390

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01460	.00784	73.644	.27960	.18382	.46883	247.28
Stddev	.00024	.00071	.134	.00771	.00041	.00193	6.29
%RSD	1.6197	9.0647	.18160	2.7573	.22270	.41145	2.5450

#1	.01433	.00865	73.535	.27070	.18421	.47105	240.02
#2	.01469	.00754	73.793	.28387	.18387	.46782	251.09
#3	.01477	.00732	73.605	.28422	.18339	.46761	250.73

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9892	62.135	.33709	-.01875	9.3309	.55179	1.1364
Stddev	.1760	1.402	.00007	.00098	.1822	.01838	.0020
%RSD	2.5184	2.2568	.01932	5.2404	1.9525	3.3309	.17604

#1	6.7874	60.545	.33710	-.01764	9.1212	.53060	1.1376
#2	7.1114	62.664	.33714	-.01915	9.4215	.56144	1.1341
#3	7.0687	63.196	.33702	-.01948	9.4501	.56334	1.1376

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.140	.00332	.17738	4.1341	2.5653	.02307	5.9849
Stddev	.275	.00010	.00813	.0170	.0134	.00043	.0114
%RSD	2.2675	3.1453	4.5819	.41092	.52292	1.8650	.19061

#1	11.823	.00322	.16971	4.1298	2.5794	.02321	5.9823
#2	12.276	.00332	.18590	4.1528	2.5527	.02259	5.9973
#3	12.320	.00342	.17654	4.1197	2.5638	.02341	5.9750

Sample Name: K2203-11 Acquired: 4/16/2019 15:09:52 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-01-041519 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20016	8.596	-.01287	<.00000	F<.00000
Stddev	.00043	.013	.00656	.29327	.54665
%RSD	.21342	.1519	50.980	41.334	.52948
#1	.20027	8.611	-.00530	-1.0481	-103.23
#2	.20053	8.587	-.01698	-.54689	-103.80
#3	.19969	8.591	-.01634	-.53360	-102.70
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5795.3	72890.	7509.1	74.064	4332.2
Stddev	19.5	1424.	32.4	1.570	8.3
%RSD	.33564	1.9533	.43121	2.1196	.19200
#1	5774.6	74532.	7513.5	74.623	4323.3
#2	5797.9	71996.	7474.8	75.277	4339.7
#3	5813.3	72143.	7539.1	72.291	4333.6

Sample Name: K2411-03 Acquired: 4/16/2019 15:14:25 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-16-S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03520	.00680	.41477	-.05348	.00765	132.22	.58762
Stddev	.00257	.00038	.00277	.00365	.00111	.51	.00289
%RSD	7.3109	5.6246	.66731	6.8209	14.558	.38909	.49189

#1	.03361	.00715	.41360	-.05722	.00694	131.76	.58467
#2	.03382	.00684	.41277	-.05330	.00708	132.12	.59044
#3	.03817	.00639	.41793	-.04993	.00894	132.78	.58776

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01175	.00060	47.980	.15858	.13668	.29318	228.15
Stddev	.00006	.00028	.069	.00128	.00061	.00044	.16
%RSD	.50403	46.121	.14459	.80407	.44733	.14925	.07187

#1	.01170	.00089	48.041	.15723	.13683	.29351	228.28
#2	.01181	.00035	47.905	.15875	.13601	.29336	228.20
#3	.01174	.00055	47.995	.15977	.13720	.29269	227.96

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6892	47.713	.24378	-.01491	9.0537	.33822	.80596
Stddev	.0132	.157	.00159	.00007	.0445	.00193	.00096
%RSD	.23227	.32911	.65209	.49879	.49136	.56948	.11911

#1	5.6804	47.578	.24480	-.01492	9.0042	.33734	.80676
#2	5.7044	47.885	.24195	-.01483	9.0665	.33689	.80490
#3	5.6828	47.674	.24460	-.01497	9.0903	.34043	.80624

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.223	.00100	.16451	1.3414	5.0159	.01520	3.2407
Stddev	.074	.00032	.00486	.0019	.0338	.00127	.0055
%RSD	.65878	31.532	2.9535	.14297	.67405	8.3532	.17049

#1	11.160	.00097	.16495	1.3414	5.0467	.01607	3.2348
#2	11.206	.00071	.15944	1.3394	5.0212	.01375	3.2457
#3	11.305	.00134	.16913	1.3433	4.9797	.01579	3.2417

Sample Name: K2411-03 Acquired: 4/16/2019 15:14:25 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-16-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14739	7.177	-.04388	1.0265	F<.00000
Stddev	.00166	.016	.00061	.0746	4.1105
%RSD	1.1247	.2177	1.4009	7.2690	5.5869
#1	.14750	7.195	-.04401	1.0103	-71.305
#2	.14568	7.170	-.04442	.96131	-71.100
#3	.14899	7.166	-.04321	1.1079	-78.320
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5488.0	68155.	6996.1	75.114	4517.3
Stddev	3.6	175.	34.4	2.451	8.0
%RSD	.06580	.25718	.49146	3.2626	.17683
#1	5485.8	68122.	6957.9	72.468	4512.7
#2	5485.9	67998.	7005.7	77.306	4526.6
#3	5492.1	68344.	7024.7	75.569	4512.7

Sample Name: CCV04 Acquired: 4/16/2019 15:19:00 Type: Unk
Method: P4-ICP2(v3052) 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	5.2517	5.3151	5.1243	5.2604	5.3145	9.9880	10.122	.26359
Stddev	.0139	.0190	.0094	.0150	.0117	.0222	.044	.00044
%RSD	.26478	.35754	.18266	.28460	.21996	.22211	.43271	.16683
#1	5.2463	5.3329	5.1172	5.2477	5.3046	9.9894	10.123	.26375
#2	5.2414	5.2951	5.1207	5.2566	5.3115	9.9652	10.077	.26309
#3	5.2675	5.3174	5.1349	5.2769	5.3274	10.009	10.165	.26393
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5499	25.009	.99307	2.6425	1.2890	5.0617	2.6158	25.318
Stddev	.0019	.034	.00281	.0024	.0015	.0127	.0031	.089
%RSD	.07237	.13776	.28264	.08906	.11710	.24991	.11941	.35185
#1	2.5479	25.011	.99160	2.6405	1.2885	5.0473	2.6128	25.216
#2	2.5504	25.043	.99130	2.6419	1.2878	5.0670	2.6157	25.359
#3	2.5514	24.974	.99631	2.6451	1.2907	5.0708	2.6190	25.379
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5471	1.2892	24.968	2.4521	2.6163	24.851	5.1255	5.1008
Stddev	.0030	.0011	.113	.0056	.0019	.102	.0100	.0197
%RSD	.11835	.08265	.45244	.22795	.07157	.40860	.19412	.38618
#1	2.5444	1.2901	24.960	2.4489	2.6160	24.785	5.1292	5.0954
#2	2.5466	1.2895	24.859	2.4488	2.6146	24.800	5.1142	5.0844
#3	2.5503	1.2880	25.084	2.4585	2.6183	24.968	5.1330	5.1227
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0223	4.7748	4.9714	5.2267	4.6731	5.212	5.1193	5.1083
Stddev	.0139	.0089	.0052	.0185	.0076	.007	.0086	.0833
%RSD	.27627	.18532	.10377	.35295	.16331	.1341	.16819	1.6296
#1	5.0342	4.7646	4.9760	5.2359	4.6765	5.220	5.1208	5.0144
#2	5.0071	4.7809	4.9658	5.2388	4.6644	5.207	5.1101	5.1374
#3	5.0256	4.7788	4.9724	5.2055	4.6784	5.210	5.1272	5.1731

Sample Name: CCV04 Acquired: 4/16/2019 15:19:00 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5037
Stddev	1.3734
%RSD	91.334

#1	-.05507
#2	2.0304
#3	2.5359

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4821.4	59935.	6032.9	75.638	4664.6
Stddev	4.0	134.	10.3	1.062	3.4
%RSD	.08215	.22324	.17004	1.4037	.07262

#1	4823.0	59996.	6038.6	75.080	4667.7
#2	4824.3	60028.	6021.0	74.972	4665.2
#3	4816.9	59782.	6039.0	76.863	4661.0

Sample Name: CCB04 Acquired: 4/16/2019 15:22:57 Type: Unk
Method: P4-ICP2(v3052) 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	.00165	-.00019	.00042	.00130	-.00191	-.02570	.00067	-.00005
Stddev	.00051	.00068	.00044	.00226	.00080	.00575	.00047	.00004
%RSD	30.973	362.06	105.61	173.26	42.209	22.366	70.633	82.880
#1	.00204	.00054	.00093	.00324	-.00113	-.02830	.00078	-.00010
#2	.00183	-.00081	.00023	-.00118	-.00274	-.01911	.00106	-.00004
#3	.00107	-.00030	.00010	.00186	-.00185	-.02968	.00015	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.00281	.00003	-.00009	-.00034	.00048	-.00004	.00660
Stddev	.00007	.01735	.00034	.00009	.00013	.00041	.00005	.01979
%RSD	155.65	617.08	1135.0	94.405	37.478	85.206	118.61	299.95
#1	.00003	-.01329	.00032	.00001	-.00024	.00004	-.00010	-.00707
#2	-.00005	.00053	.00011	-.00014	-.00048	.00057	-.00001	-.00243
#3	-.00012	.02120	-.00035	-.00015	-.00029	.00084	-.00002	.02928
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	-.00030	-.10548	-.00066	-.00012	.01289	.00023	-.00743
Stddev	.00033	.00060	.00563	.00020	.00003	.04584	.00019	.00982
%RSD	78.991	203.04	5.3347	29.969	28.475	355.46	81.966	132.17
#1	.00004	-.00071	-.10665	-.00057	-.00014	-.03127	.00044	-.01769
#2	.00062	-.00057	-.11043	-.00053	-.00015	.06023	.00007	-.00650
#3	.00061	.00039	-.09936	-.00089	-.00008	.00972	.00017	.00189
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.00108	-.00106	.00120	-.00632	-.0059	.00006	F 4.1440
Stddev	.00339	.00144	.00041	.00077	.00069	.0015	.00002	.0260
%RSD	2739.0	133.28	38.924	63.977	10.866	25.01	33.867	.62851
#1	-.00087	.00001	-.00087	.00032	-.00595	-.0075	.00008	4.1715
#2	.00358	.00272	-.00077	.00157	-.00711	-.0046	.00006	4.1198
#3	-.00308	.00052	-.00153	.00171	-.00590	-.0056	.00004	4.1406

Sample Name: CCB04 Acquired: 4/16/2019 15:22:57 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .18342
Stddev	1.3690
%RSD	746.38

#1	1.5755
#2	-1.1613
#3	.13604

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5050.9	62680.	6127.6	80.142	5335.2
Stddev	13.0	65.	33.0	.762	7.9
%RSD	.25796	.10450	.53805	.95124	.14892

#1	5049.6	62605.	6090.3	80.320	5333.1
#2	5038.6	62728.	6139.7	80.800	5328.4
#3	5064.5	62707.	6152.8	79.307	5343.9

Sample Name: K2411-07 Acquired: 4/16/2019 15:27:24 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-14-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00029	-.00450	1.8051	-.08356	.01874	180.35	.90476
Stddev	.00130	.00069	.0030	.00297	.00073	.29	.00191
%RSD	453.74	15.280	.16672	3.5550	3.9166	.15914	.21112

#1	-.00023	-.00371	1.8054	-.08259	.01834	180.53	.90256
#2	-.00161	-.00487	1.8019	-.08120	.01829	180.02	.90601
#3	.00098	-.00493	1.8079	-.08690	.01958	180.50	.90571

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02169	.00409	67.026	.44280	.30910	2.4032	291.78
Stddev	.00017	.00009	.261	.00073	.00111	.0056	1.11
%RSD	.77214	2.1126	.38969	.16574	.35974	.23370	.38208

#1	.02151	.00419	67.029	.44196	.30916	2.3968	290.60
#2	.02171	.00404	67.286	.44326	.30795	2.4056	291.91
#3	.02184	.00404	66.763	.44319	.31017	2.4072	292.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7754	87.545	.91601	-.01885	7.0476	.58370	6.1462
Stddev	.0397	.161	.00103	.00025	.0090	.00226	.0054
%RSD	.51045	.18395	.11277	1.3050	.12799	.38766	.08810

#1	7.8212	87.475	.91623	-.01901	7.0574	.58254	6.1488
#2	7.7502	87.430	.91489	-.01898	7.0456	.58225	6.1400
#3	7.7549	87.729	.91692	-.01857	7.0397	.58631	6.1499

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1536	.03527	.26499	1.6986	5.9940	.57445	F 10.504
Stddev	.0510	.00044	.00654	.0088	.0381	.00064	.041
%RSD	.71368	1.2469	2.4697	.51961	.63557	.11194	.39454

#1	7.1027	.03482	.25827	1.7068	6.0313	.57518	10.505
#2	7.1532	.03531	.27134	1.6893	5.9954	.57417	10.545
#3	7.2048	.03570	.26536	1.6996	5.9551	.57399	10.462

Sample Name: K2411-07 Acquired: 4/16/2019 15:27:24 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-14-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16412	8.089	-.05444	1.5649	F<.00000
Stddev	.00118	.011	.00253	.0284	3.4992
%RSD	.71790	.1342	4.6430	1.8115	3.2158

#1	.16548	8.101	-.05204	1.5890	-105.11
#2	.16339	8.084	-.05419	1.5337	-109.27
#3	.16350	8.081	-.05708	1.5722	-112.06

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5279.4	65854.	6829.5	73.860	4261.3
Stddev	12.8	100.	20.3	.963	11.5
%RSD	.24190	.15149	.29775	1.3040	.26970

#1	5289.4	65814.	6815.2	74.899	4258.9
#2	5283.7	65967.	6820.5	73.685	4273.7
#3	5265.0	65780.	6852.8	72.997	4251.1

Sample Name: K2411-07DUP Acquired: 4/16/2019 15:31:58 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-14-SDUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00070	-.00288	1.7039	-.08107	.01861	177.00	.87974
Stddev	.00231	.00398	.0080	.00207	.00197	.19	.00160
%RSD	331.97	138.20	.47208	2.5491	10.571	.10805	.18150

#1	-.00334	.00159	1.6996	-.08113	.01969	177.22	.87898
#2	.00096	-.00419	1.6989	-.07898	.01634	176.94	.88157
#3	.00029	-.00603	1.7131	-.08311	.01979	176.85	.87866

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02092	.00392	65.688	.42945	.30128	2.2360	288.26
Stddev	.00008	.00015	.091	.00099	.00084	.0053	.58
%RSD	.39925	3.8876	.13789	.23112	.27800	.23899	.20225

#1	.02087	.00398	65.758	.42927	.30133	2.2336	288.25
#2	.02088	.00375	65.719	.43052	.30042	2.2323	288.85
#3	.02102	.00403	65.586	.42856	.30209	2.2421	287.68

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.7979	87.686	.85824	-.01910	7.0392	.57972	5.7020
Stddev	.0399	.211	.00320	.00039	.0063	.00132	.0188
%RSD	.51142	.24094	.37284	2.0533	.08900	.22758	.32989

#1	7.8435	87.827	.85564	-.01954	7.0383	.57983	5.6841
#2	7.7692	87.787	.85726	-.01878	7.0459	.58099	5.7004
#3	7.7812	87.443	.86181	-.01898	7.0334	.57836	5.7216

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1138	.03239	.25377	1.6607	5.9141	.51689	F 10.432
Stddev	.0313	.00050	.01378	.0077	.0253	.00312	.030
%RSD	.44040	1.5428	5.4287	.46678	.42765	.60359	.28610

#1	7.1002	.03196	.23977	1.6652	5.9230	.51369	10.461
#2	7.1496	.03227	.26731	1.6651	5.9338	.51707	10.402
#3	7.0915	.03294	.25423	1.6518	5.8856	.51992	10.433

Sample Name: K2411-07DUP Acquired: 4/16/2019 15:31:58 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-14-SDUP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16091	7.853	-.05801	1.2822	F<.00000
Stddev	.00059	.001	.00077	.1562	1.2980
%RSD	.36756	.0156	1.3296	12.182	1.2010

#1	.16153	7.852	-.05755	1.2062	-108.15
#2	.16084	7.854	-.05890	1.1785	-106.75
#3	.16035	7.854	-.05758	1.4618	-109.34

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5338.5	66492.	6920.3	75.442	4317.3
Stddev	7.2	189.	26.0	.383	4.3
%RSD	.13532	.28373	.37511	.50812	.09880

#1	5330.2	66317.	6891.9	75.544	4315.4
#2	5343.7	66468.	6926.3	75.764	4322.2
#3	5341.5	66692.	6942.8	75.018	4314.3

Sample Name: K2411-07LX5 Acquired: 4/16/2019 15:36:32 Type: Unk
Method: P4-ICP2(v3052) 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	.00080	.00170	.33010	-.01031	.00260	36.859	.18467
Stddev	.00177	.00126	.00181	.00051	.00101	.120	.00087
%RSD	219.31	74.048	.54921	4.9674	38.836	.32434	.47352

#1	.00276	.00304	.32828	-.00983	.00284	36.987	.18565
#2	-.00068	.00055	.33191	-.01085	.00149	36.750	.18396
#3	.00034	.00151	.33011	-.01025	.00347	36.841	.18441

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00441	-.00230	14.616	.09407	.05721	.51913	77.807
Stddev	.00012	.00005	.019	.00054	.00010	.00089	.407
%RSD	2.8053	2.0507	.13295	.56891	.17348	.17195	.52327

#1	.00445	-.00224	14.637	.09428	.05728	.51922	77.459
#2	.00450	-.00233	14.600	.09347	.05726	.51820	77.707
#3	.00427	-.00232	14.610	.09448	.05710	.51998	78.255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7737	18.599	.16335	-.00195	1.3577	.12534	1.0618
Stddev	.0029	.062	.00047	.00057	.0112	.00082	.0005
%RSD	.16079	.33205	.28632	29.094	.82760	.65071	.04907

#1	1.7761	18.669	.16375	-.00247	1.3700	.12535	1.0613
#2	1.7706	18.550	.16284	-.00204	1.3480	.12614	1.0623
#3	1.7743	18.578	.16345	-.00134	1.3552	.12451	1.0617

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3983	.00681	.07385	.30764	1.3529	.09795	2.2891
Stddev	.0336	.00019	.00499	.00404	.0124	.00090	.0085
%RSD	2.4009	2.8582	6.7514	1.3124	.91752	.92172	.36976

#1	1.3784	.00665	.06892	.30986	1.3562	.09846	2.2944
#2	1.3794	.00703	.07376	.30298	1.3633	.09849	2.2934
#3	1.4370	.00675	.07889	.31008	1.3391	.09691	2.2793

Sample Name: K2411-07LX5 Acquired: 4/16/2019 15:36:32 Type: Unk
Method: P4-ICP2(v3052) 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	.02904	1.450	-.02843	4.1531	F<.00000
Stddev	.00095	.002	.00051	.1335	1.1942
%RSD	3.2814	.1268	1.7979	3.2137	21.357

#1	.02825	1.451	-.02795	3.9993	-4.3741
#2	.03010	1.448	-.02837	4.2383	-6.7610
#3	.02877	1.451	-.02897	4.2218	-5.6399

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5072.7	63020.	6248.8	77.722	4886.4
Stddev	7.5	105.	16.1	1.420	6.7
%RSD	.14873	.16587	.25703	1.8268	.13715

#1	5064.5	62920.	6247.5	78.984	4878.9
#2	5079.3	63012.	6233.4	76.185	4888.3
#3	5074.4	63128.	6265.5	77.997	4891.9

Sample Name: K2411-07MS Acquired: 4/16/2019 15:40:54 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-14-SMS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69518	2.0916	2.4011	1.6750	.22944	192.04	1.0293
Stddev	.00344	.0089	.0040	.0023	.00216	1.49	.0084
%RSD	.49435	.42547	.16673	.13672	.94036	.77524	.81834

#1	.69256	2.0960	2.4045	1.6728	.22771	190.45	1.0209
#2	.69907	2.0814	2.3967	1.6774	.23186	192.28	1.0293
#3	.69391	2.0974	2.4021	1.6748	.22875	193.40	1.0378

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20915	.21109	80.067	.79782	.51040	2.1412	294.73
Stddev	.00033	.00020	.202	.00363	.00039	.0047	1.92
%RSD	.15845	.09565	.25168	.45550	.07686	.22087	.65257

#1	.20886	.21113	80.263	.79541	.51038	2.1432	293.59
#2	.20908	.21087	80.078	.79605	.51002	2.1446	293.65
#3	.20951	.21127	79.861	.80200	.51081	2.1358	296.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4312	96.984	1.2747	.04518	8.6066	.86581	5.0800
Stddev	.0618	.745	.0003	.00043	.0598	.00150	.0107
%RSD	.83207	.76824	.02353	.95265	.69527	.17340	.21001

#1	7.3737	96.287	1.2751	.04515	8.5489	.86415	5.0890
#2	7.4232	96.896	1.2745	.04476	8.6026	.86621	5.0682
#3	7.4966	97.769	1.2746	.04562	8.6684	.86707	5.0829

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.790	.37197	.51070	1.5968	5.7400	1.0353	F 12.135
Stddev	.183	.00098	.00445	.0058	.0593	.0018	.023
%RSD	1.1612	.26458	.87172	.36539	1.0328	.17117	.19189

#1	15.624	.37276	.51462	1.6032	5.8012	1.0357	12.160
#2	15.759	.37229	.50586	1.5955	5.6828	1.0334	12.131
#3	15.987	.37087	.51163	1.5917	5.7360	1.0369	12.114

Sample Name: K2411-07MS Acquired: 4/16/2019 15:40:54 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-14-SMS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32927	F 13.89	.11300	1.7004	F<.00000
Stddev	.00179	.06	.00344	.1510	4.5247
%RSD	.54231	.4411	3.0431	8.8803	3.8550
#1	.32832	13.91	.11566	1.8249	-119.52
#2	.33133	13.82	.11423	1.7440	-120.42
#3	.32815	13.93	.10912	1.5324	-112.17
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5217.1	64739.	6680.6	71.702	4183.4
Stddev	14.4	341.	30.0	.735	5.4
%RSD	.27538	.52703	.44902	1.0248	.12932
#1	5209.3	65005.	6647.1	70.869	4177.2
#2	5208.2	64857.	6689.8	71.977	4185.4
#3	5233.6	64354.	6705.0	72.260	4187.4

Sample Name: K2411-07MSD Acquired: 4/16/2019 15:45:20 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-14-SMSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.67708	2.0360	2.3252	1.6337	.22162	185.05	.99356
Stddev	.00209	.0112	.0072	.0091	.00189	.78	.00416
%RSD	.30925	.55154	.30852	.55637	.85304	.42288	.41883

#1	.67916	2.0261	2.3218	1.6408	.22290	184.21	.98892
#2	.67710	2.0482	2.3335	1.6369	.22252	185.19	.99477
#3	.67498	2.0336	2.3204	1.6235	.21945	185.76	.99697

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20398	.20467	77.573	.77347	.49470	2.0756	285.00
Stddev	.00035	.00033	.386	.00157	.00093	.0052	1.44
%RSD	.17060	.16063	.49717	.20322	.18709	.25097	.50411

#1	.20438	.20505	77.185	.77194	.49494	2.0801	283.41
#2	.20382	.20449	77.577	.77338	.49548	2.0768	285.39
#3	.20374	.20448	77.956	.77508	.49368	2.0699	286.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2086	93.014	1.2297	.04428	8.3305	.83879	4.8434
Stddev	.0248	.513	.0013	.00019	.0280	.00124	.0032
%RSD	.34453	.55103	.10460	.42334	.33569	.14814	.06573

#1	7.1979	92.443	1.2288	.04432	8.2985	.83940	4.8429
#2	7.2369	93.164	1.2292	.04444	8.3433	.83961	4.8405
#3	7.1908	93.435	1.2312	.04407	8.3498	.83736	4.8468

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.206	.36232	.49474	1.5437	5.5976	.99821	F 11.752
Stddev	.093	.00136	.01808	.0083	.0558	.00289	.041
%RSD	.61200	.37491	3.6539	.54050	.99703	.28935	.34861

#1	15.108	.36307	.49164	1.5442	5.6073	.99597	11.729
#2	15.218	.36313	.47842	1.5518	5.5376	1.0015	11.727
#3	15.293	.36075	.51417	1.5352	5.6479	.99720	11.799

Sample Name: K2411-07MSD Acquired: 4/16/2019 15:45:20 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-14-SMSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.31635	F 13.41	.11192	1.5237	F<.00000
Stddev	.00278	.03	.00059	.1772	4.1316
%RSD	.88024	.2099	.52727	11.626	3.7966
#1	.31349	13.41	.11246	1.6381	-112.04
#2	.31651	13.44	.11129	1.6133	-110.27
#3	.31906	13.38	.11201	1.3196	-104.17
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5310.6	66098.	6788.0	75.000	4285.9
Stddev	12.1	42.	12.3	1.301	2.9
%RSD	.22760	.06323	.18102	1.7351	.06789
#1	5297.5	66146.	6775.6	73.500	4285.8
#2	5313.1	66072.	6800.2	75.671	4288.9
#3	5321.2	66075.	6788.1	75.829	4283.1

Sample Name: K2411-07A Acquired: 4/16/2019 15:49:48 Type: Unk
 Method: P4-ICP2(v3052) 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	.67963	2.0322	2.3091	1.6308	.22033	184.24	.98959
Stddev	.00600	.0129	.0039	.0104	.00280	.45	.00239
%RSD	.88350	.63503	.16989	.63990	1.2691	.24615	.24136

#1	.68057	2.0284	2.3135	1.6206	.21950	184.73	.99139
#2	.67321	2.0216	2.3079	1.6305	.21804	183.83	.99051
#3	.68511	2.0466	2.3059	1.6414	.22345	184.16	.98688

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20249	.20340	77.015	.76833	.49343	2.0631	282.81
Stddev	.00032	.00083	.109	.00050	.00224	.0089	.94
%RSD	.15644	.40870	.14189	.06477	.45495	.43371	.33126

#1	.20218	.20299	76.903	.76786	.49296	2.0569	283.71
#2	.20281	.20285	77.021	.76828	.49146	2.0590	281.84
#3	.20246	.20436	77.121	.76885	.49588	2.0733	282.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1156	91.938	1.2214	.04454	8.2939	.83380	4.7966
Stddev	.0448	.191	.0048	.00066	.0257	.00210	.0145
%RSD	.62939	.20819	.39546	1.4790	.30967	.25174	.30140

#1	7.1644	92.070	1.2176	.04523	8.3076	.83142	4.7925
#2	7.0764	92.025	1.2198	.04449	8.3098	.83539	4.7847
#3	7.1058	91.718	1.2269	.04392	8.2643	.83458	4.8127

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.163	.36151	.48722	1.5327	5.5800	.99741	F 11.671
Stddev	.123	.00262	.00604	.0136	.0205	.00600	.012
%RSD	.81144	.72352	1.2396	.88821	.36671	.60131	.09891

#1	15.216	.35931	.48031	1.5300	5.5917	.99394	11.678
#2	15.251	.36082	.48987	1.5207	5.5564	.99396	11.657
#3	15.023	.36440	.49149	1.5475	5.5920	1.0043	11.677

Sample Name: K2411-07A Acquired: 4/16/2019 15:49:48 Type: Unk
Method: P4-ICP2(v3052) 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	.31456	F 13.33	.11292	1.3392	F<.00000
Stddev	.00170	.04	.00055	.1205	.70296
%RSD	.53927	.2787	.48537	8.9957	.64123
#1	.31629	13.32	.11231	1.3403	-110.03
#2	.31290	13.30	.11337	1.4591	-108.82
#3	.31449	13.37	.11308	1.2182	-110.04
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5326.1	66229.	6797.2	73.128	4302.1
Stddev	20.7	179.	12.3	.561	15.5
%RSD	.38923	.26972	.18069	.76654	.36114
#1	5329.6	66038.	6788.9	72.837	4297.4
#2	5344.9	66257.	6811.3	73.774	4319.4
#3	5303.9	66392.	6791.4	72.773	4289.4

Sample Name: K2411-11 Acquired: 4/16/2019 15:54:15 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-14-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00814	.00003	.25518	-.04909	.00699	127.57	.46025
Stddev	.00181	.00120	.00050	.00338	.00088	.34	.00094
%RSD	22.288	4673.9	.19655	6.8958	12.587	.26384	.20482

#1	.00812	.00012	.25564	-.04525	.00641	127.19	.45939
#2	.00633	.00117	.25526	-.05164	.00655	127.79	.46126
#3	.00996	-.00121	.25465	-.05037	.00800	127.75	.46010

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00940	-.00075	45.768	.25860	.15028	.43174	214.96
Stddev	.00022	.00020	.339	.00199	.00066	.00249	1.01
%RSD	2.3567	25.921	.74094	.77038	.43798	.57644	.46993

#1	.00963	-.00068	45.907	.26010	.15007	.43118	213.86
#2	.00919	-.00098	46.015	.25634	.14976	.42958	215.83
#3	.00939	-.00061	45.381	.25934	.15102	.43446	215.20

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9428	60.769	.22676	-.01163	7.0305	.41084	.60049
Stddev	.0096	.192	.00031	.00067	.0117	.00394	.00099
%RSD	.19378	.31610	.13683	5.7247	.16686	.95933	.16479

#1	4.9405	60.551	.22672	-.01157	7.0174	.41344	.60122
#2	4.9346	60.840	.22648	-.01100	7.0401	.40631	.59937
#3	4.9534	60.915	.22709	-.01232	7.0340	.41278	.60090

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0001	-.00045	.14807	.72428	3.6907	.01702	7.0954
Stddev	.0204	.00018	.00948	.00185	.0216	.00013	.0726
%RSD	.33953	40.191	6.4039	.25498	.58543	.78907	1.0227

#1	5.9822	-.00061	.13789	.72509	3.6823	.01717	7.1572
#2	5.9959	-.00025	.14967	.72217	3.7152	.01692	7.1134
#3	6.0222	-.00048	.15665	.72559	3.6745	.01698	7.0155

Sample Name: K2411-11 Acquired: 4/16/2019 15:54:15 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-14-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11079	5.888	-.07612	2.0330	F<.00000
Stddev	.00134	.016	.00076	.0373	3.4337
%RSD	1.2127	.2705	1.0037	1.8369	5.9110

#1	.11039	5.882	-.07524	2.0013	-58.201
#2	.11228	5.876	-.07654	2.0742	-54.603
#3	.10969	5.906	-.07659	2.0235	-61.468

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5320.4	66193.	6801.2	75.761	4528.4
Stddev	9.9	117.	60.5	.860	8.9
%RSD	.18575	.17626	.88998	1.1350	.19616

#1	5310.5	66244.	6775.7	75.767	4519.5
#2	5320.4	66059.	6757.6	74.899	4528.4
#3	5330.3	66274.	6870.3	76.618	4537.3

Sample Name: K2413-01 Acquired: 4/16/2019 15:58:49 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NCC-TOPSOIL- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02355	.00662	.28213	-.03741	.00583	46.416	.41662
Stddev	.00241	.00114	.00210	.00072	.00098	.240	.00318
%RSD	10.242	17.210	.74542	1.9298	16.891	.51721	.76312

#1	.02374	.00769	.28029	-.03677	.00696	46.463	.41516
#2	.02105	.00674	.28169	-.03819	.00527	46.157	.41444
#3	.02586	.00542	.28442	-.03728	.00525	46.630	.42027

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00643	-.00060	64.791	.17845	.03880	.24609	182.31
Stddev	.00008	.00015	.261	.00183	.00012	.00045	.48
%RSD	1.2049	24.963	.40312	1.0249	.31184	.18298	.26383

#1	.00652	-.00072	64.490	.17722	.03866	.24640	182.64
#2	.00641	-.00043	64.927	.18056	.03889	.24629	181.75
#3	.00637	-.00064	64.957	.17759	.03884	.24557	182.52

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9580	25.439	.07574	-.00907	1.1982	.23166	.71597
Stddev	.0012	.317	.00088	.00083	.0186	.00140	.00072
%RSD	.03917	1.2467	1.1571	9.1018	1.5557	.60563	.10054

#1	2.9593	25.635	.07473	-.00828	1.2035	.23098	.71519
#2	2.9572	25.073	.07634	-.00993	1.1774	.23328	.71661
#3	2.9574	25.610	.07615	-.00900	1.2136	.23073	.71612

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.919	.00374	.20858	5.9671	2.9703	.00744	1.8738
Stddev	.113	.00024	.00660	.0081	.0673	.00037	.0111
%RSD	1.0360	6.2907	3.1642	.13529	2.2667	4.9200	.59027

#1	10.973	.00398	.21614	5.9687	2.9264	.00776	1.8828
#2	10.789	.00351	.20565	5.9583	3.0478	.00704	1.8771
#3	10.996	.00372	.20396	5.9742	2.9366	.00751	1.8614

Sample Name: K2413-01 Acquired: 4/16/2019 15:58:49 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NCC-TOPSOIL- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03993	6.953	.04814	3.1204	F<.00000
Stddev	.00110	.016	.00117	.2175	2.1603
%RSD	2.7470	.2314	2.4403	6.9687	6.0549

#1	.04119	6.934	.04694	3.3574	-37.748
#2	.03937	6.964	.04928	3.0740	-33.438
#3	.03922	6.959	.04821	2.9300	-35.852

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5029.1	62937.	6383.3	76.501	4698.7
Stddev	9.2	263.	36.8	.929	4.6
%RSD	.18347	.41716	.57662	1.2145	.09696

#1	5018.5	62962.	6411.8	77.206	4698.0
#2	5034.3	63187.	6341.7	75.448	4694.5
#3	5034.6	62663.	6396.3	76.849	4703.5

Sample Name: K2413-02 Acquired: 4/16/2019 16:17:03 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: NCC-TOPSOIL- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02505	.00661	.30333	-.04078	.00632	46.986	.47458
Stddev	.00299	.00102	.00079	.00297	.00052	.237	.00192
%RSD	11.946	15.390	.26207	7.2718	8.2662	.50516	.40470

#1	.02850	.00627	.30248	-.04087	.00677	47.105	.47559
#2	.02329	.00775	.30406	-.04370	.00575	46.713	.47236
#3	.02334	.00580	.30343	-.03777	.00644	47.141	.47578

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00661	.02209	71.191	.18129	.04726	.25179	195.98
Stddev	.00011	.00017	.127	.00144	.00026	.00118	1.34
%RSD	1.7336	.78451	.17877	.79629	.54953	.46846	.68198

#1	.00657	.02199	71.046	.18124	.04753	.25043	196.51
#2	.00674	.02229	71.240	.18276	.04722	.25245	194.46
#3	.00652	.02199	71.286	.17988	.04702	.25250	196.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2170	25.604	.07792	-.00920	1.2118	.23837	.76816
Stddev	.0056	.073	.00021	.00056	.0114	.00095	.00089
%RSD	.13366	.28555	.26466	6.0845	.93735	.39667	.11609

#1	4.2186	25.590	.07777	-.00875	1.2068	.23945	.76918
#2	4.2108	25.540	.07815	-.00983	1.2037	.23793	.76770
#3	4.2217	25.684	.07784	-.00902	1.2247	.23772	.76758

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.857	.00393	.21100	6.3321	3.1298	.00642	1.9319
Stddev	.076	.00056	.01766	.0170	.0342	.00068	.0105
%RSD	.70172	14.201	8.3719	.26913	1.0940	10.538	.54269

#1	10.858	.00379	.23124	6.3320	3.1423	.00607	1.9437
#2	10.781	.00346	.19870	6.3152	3.1560	.00720	1.9283
#3	10.933	.00455	.20306	6.3493	3.0910	.00599	1.9237

Sample Name: K2413-02 Acquired: 4/16/2019 16:17:03 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: NCC-TOPSOIL- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03326	7.541	.03554	3.6360	F<.00000
Stddev	.00061	.012	.00182	.1609	1.2728
%RSD	1.8487	.1649	5.1131	4.4252	3.0217
#1	.03317	7.554	.03477	3.5474	-40.812
#2	.03392	7.538	.03762	3.5389	-42.196
#3	.03270	7.530	.03425	3.8217	-43.354
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4881.3	61493.	6217.5	73.681	4538.9
Stddev	7.6	205.	10.3	.531	2.6
%RSD	.15534	.33361	.16619	.72114	.05838
#1	4876.2	61311.	6207.6	73.288	4536.9
#2	4877.7	61716.	6216.7	74.286	4541.9
#3	4890.0	61453.	6228.2	73.470	4538.0

Sample Name: K2414-01 Acquired: 4/16/2019 16:21:21 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-PS-01-044 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12825	.00917	.09447	-.03397	.00428	53.009	.09698
Stddev	.00237	.00013	.00109	.00113	.00054	.239	.00078
%RSD	1.8487	1.4000	1.1587	3.3132	12.640	.45021	.80185

#1	.12782	.00904	.09358	-.03293	.00456	53.018	.09761
#2	.13080	.00916	.09414	-.03516	.00365	53.244	.09723
#3	.12612	.00930	.09569	-.03382	.00462	52.767	.09611

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00468	-.00323	17.413	.40584	.00559	.12514	167.40
Stddev	.00008	.00011	.053	.00262	.00012	.00041	.09
%RSD	1.7032	3.4953	.30634	.64680	2.2046	.33096	.05120

#1	.00465	-.00313	17.354	.40281	.00546	.12481	167.30
#2	.00478	-.00336	17.430	.40729	.00563	.12560	167.47
#3	.00463	-.00321	17.457	.40741	.00569	.12499	167.42

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35664	3.5512	-.00193	-.00877	.44639	.36993	.14908
Stddev	.00061	.0247	.00025	.00029	.00936	.00068	.00039
%RSD	.17028	.69614	12.942	3.3628	2.0972	.18505	.26100

#1	.35628	3.5283	-.00171	-.00870	.45630	.36925	.14935
#2	.35631	3.5480	-.00221	-.00909	.44517	.36991	.14864
#3	.35735	3.5774	-.00188	-.00851	.43770	.37062	.14927

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3854	.01054	.11811	2.3810	3.4593	.00788	.65921
Stddev	.0538	.00036	.00936	.0057	.0317	.00023	.00650
%RSD	1.5889	3.4071	7.9265	.24025	.91729	2.9517	.98557

#1	3.3280	.01015	.12729	2.3834	3.4623	.00815	.65486
#2	3.4346	.01061	.10858	2.3745	3.4262	.00776	.66668
#3	3.3938	.01085	.11846	2.3851	3.4894	.00773	.65610

Sample Name: K2414-01 Acquired: 4/16/2019 16:21:21 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-PS-01-044 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00150	1.693	-.11443	2.6257	F<.00000
Stddev	.00119	.004	.00044	.1100	1.8111
%RSD	79.069	.2297	.38587	4.1891	5.3534

#1	.00226	1.688	-.11482	2.7513	-33.967
#2	.00013	1.695	-.11453	2.5468	-35.570
#3	.00212	1.694	-.11395	2.5790	-31.956

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5222.2	65782.	6647.0	78.918	4846.6
Stddev	8.4	191.	27.4	.449	9.2
%RSD	.16038	.29015	.41187	.56845	.19063

#1	5212.6	65726.	6644.6	78.744	4836.0
#2	5226.1	65625.	6675.6	78.582	4852.8
#3	5228.0	65994.	6621.0	79.427	4851.1

Sample Name: CCV05 Acquired: 4/16/2019 16:25:42 Type: Unk
Method: P4-ICP2(v3052) 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	5.2632	5.3307	5.1126	5.2571	5.3333	10.000	10.032	.26381
Stddev	.0166	.0178	.0168	.0122	.0184	.051	.053	.00070
%RSD	.31471	.33338	.32760	.23277	.34428	.50878	.52747	.26695
#1	5.2819	5.3505	5.1306	5.2693	5.3491	9.9500	10.020	.26448
#2	5.2576	5.3162	5.0975	5.2574	5.3378	9.9993	10.089	.26387
#3	5.2502	5.3252	5.1098	5.2448	5.3132	10.052	9.9853	.26307
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5473	24.891	.98949	2.6420	1.2899	5.0624	2.6209	25.263
Stddev	.0068	.072	.00112	.0081	.0032	.0027	.0023	.191
%RSD	.26622	.28839	.11288	.30666	.24819	.05284	.08679	.75647
#1	2.5551	24.809	.99078	2.6513	1.2921	5.0605	2.6214	25.060
#2	2.5427	24.921	.98897	2.6384	1.2912	5.0654	2.6229	25.290
#3	2.5441	24.942	.98874	2.6364	1.2862	5.0611	2.6184	25.439
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5359	1.2916	24.696	2.4394	2.6287	24.459	5.1021	5.1100
Stddev	.0079	.0042	.142	.0051	.0068	.142	.0070	.0475
%RSD	.31311	.32265	.57416	.20998	.26016	.57887	.13635	.93018
#1	2.5450	1.2941	24.683	2.4394	2.6366	24.429	5.1100	5.0556
#2	2.5315	1.2940	24.844	2.4445	2.6248	24.613	5.0992	5.1433
#3	2.5311	1.2868	24.561	2.4342	2.6247	24.334	5.0969	5.1312
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9833	4.7686	4.9329	5.2156	4.5872	5.221	5.0690	5.2777
Stddev	.0162	.0092	.0104	.0214	.0111	.023	.0128	.0261
%RSD	.32510	.19302	.21114	.40951	.24253	.4449	.25275	.49385
#1	5.0016	4.7733	4.9446	5.1952	4.6001	5.246	5.0694	5.2604
#2	4.9778	4.7580	4.9244	5.2138	4.5817	5.215	5.0817	5.3077
#3	4.9706	4.7745	4.9298	5.2378	4.5800	5.201	5.0560	5.2651

Sample Name: CCV05 Acquired: 4/16/2019 16:25:42 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 4.4163
Stddev	2.5371
%RSD	57.448

#1	3.7269
#2	7.2268
#3	2.2952

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4761.9	59164.	5985.8	76.423	4618.9
Stddev	9.3	169.	21.3	1.305	15.6
%RSD	.19484	.28626	.35526	1.7079	.33874

#1	4751.7	59039.	5963.0	76.282	4601.1
#2	4764.1	59097.	5989.1	75.194	4630.5
#3	4769.8	59357.	6005.2	77.793	4625.1

Sample Name: CCB05 Acquired: 4/16/2019 16:29:40 Type: Unk
Method: P4-ICP2(v3052) 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	-.00021	.00039	.00001	.00016	-.00173	-.02512	.00058	-.00005
Stddev	.00162	.00044	.00054	.00221	.00155	.00660	.00080	.00006
%RSD	771.19	113.61	4853.0	1409.8	89.205	26.264	136.32	122.02
#1	.00166	.00021	-.00006	-.00194	-.00352	-.03082	-.00033	-.00002
#2	-.00127	.00089	.00059	-.00005	-.00079	-.02663	.00100	-.00012
#3	-.00102	.00007	-.00049	.00246	-.00089	-.01789	.00108	-.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.00428	-.00030	.00002	-.00012	.00040	-.00004	-.01660
Stddev	.00001	.00808	.00007	.00005	.00022	.00073	.00005	.02287
%RSD	18.712	188.85	21.914	223.25	186.31	181.78	137.59	137.76
#1	.00003	-.00765	-.00038	.00008	-.00032	.00101	-.00008	-.03896
#2	.00005	.00494	-.00026	-.00001	-.00015	-.00040	-.00005	.00675
#3	.00004	-.01013	-.00026	-.00000	.00012	.00059	.00002	-.01761
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00049	-.00004	-.11185	-.00029	.00004	-.00053	.00025	-.00049
Stddev	.00032	.00012	.01077	.00009	.00007	.02580	.00008	.00494
%RSD	64.983	334.07	9.6274	32.540	179.58	4844.0	32.893	1015.0
#1	.00012	-.00013	-.11981	-.00040	.00012	-.01574	.00034	-.00054
#2	.00069	.00010	-.11615	-.00023	-.00003	.02926	.00018	-.00539
#3	.00065	-.00008	-.09960	-.00024	.00004	-.01512	.00022	.00448
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00302	.00195	-.00135	.00090	-.00637	-.0065	.00011	F 4.1912
Stddev	.00122	.00135	.00074	.00072	.00108	.0009	.00008	.1611
%RSD	40.188	69.181	55.295	80.809	16.890	14.52	68.891	3.8427
#1	-.00164	.00095	-.00220	.00141	-.00709	-.0060	.00014	4.2311
#2	-.00355	.00348	-.00096	.00121	-.00689	-.0076	.00002	4.3286
#3	-.00389	.00142	-.00087	.00007	-.00513	-.0059	.00017	4.0140

Sample Name: CCB05 Acquired: 4/16/2019 16:29:40 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.4661
Stddev 3.6178
%RSD 246.76

#1 -.31451
#2 -.91625
#3 5.6291

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5006.9	62608.	6139.4	78.807	5294.6
Stddev	7.0	183.	66.0	2.480	9.8
%RSD	.14052	.29207	1.0754	3.1464	.18465

#1	5006.0	62803.	6089.6	77.050	5292.8
#2	5000.4	62581.	6114.3	77.727	5285.8
#3	5014.4	62441.	6214.3	81.643	5305.1

Sample Name: K2417-01 Acquired: 4/16/2019 16:34:09 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-PS-01-045 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07906	.00646	.07907	-.02083	.00252	47.113	.09372
Stddev	.00344	.00056	.00081	.00205	.00165	.257	.00102
%RSD	4.3565	8.6609	1.0201	9.8611	65.479	.54533	1.0916

#1	.08303	.00616	.07885	-.01905	.00322	47.381	.09487
#2	.07681	.00611	.07997	-.02308	.00064	47.090	.09337
#3	.07735	.00711	.07840	-.02036	.00371	46.869	.09291

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00325	-.00277	23.616	.18224	.00291	.08127	121.72
Stddev	.00005	.00011	.612	.00056	.00006	.00074	.13
%RSD	1.5695	3.8952	2.5935	.30521	2.0037	.91011	.10568

#1	.00322	-.00282	24.322	.18168	.00296	.08167	121.63
#2	.00331	-.00264	23.231	.18224	.00293	.08173	121.87
#3	.00322	-.00284	23.294	.18280	.00285	.08042	121.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35567	4.0186	-.00141	-.00537	.52806	.29233	.14731
Stddev	.00028	.0459	.00066	.00032	.01199	.00104	.00078
%RSD	.07756	1.1431	46.614	5.9401	2.2710	.35706	.52681

#1	.35590	4.0139	-.00203	-.00555	.53661	.29150	.14723
#2	.35537	3.9752	-.00072	-.00556	.53322	.29199	.14812
#3	.35574	4.0667	-.00150	-.00500	.51435	.29350	.14657

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6051	.00605	.10413	2.5195	3.2482	.00239	.54313
Stddev	.0107	.00005	.00504	.0137	.0760	.00074	.01621
%RSD	.29785	.77841	4.8393	.54197	2.3397	30.787	2.9843

#1	3.6066	.00608	.09934	2.5264	3.3343	.00212	.56165
#2	3.6150	.00606	.10366	2.5284	3.1906	.00322	.53624
#3	3.5937	.00599	.10939	2.5038	3.2196	.00183	.53151

Sample Name: K2417-01 Acquired: 4/16/2019 16:34:09 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: FK-PS-01-045 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00027	1.708	-.03979	3.4391	F<.00000
Stddev	.00064	.006	.00190	.0479	1.2891
%RSD	238.31	.3507	4.7654	1.3919	5.9147

#1	.00097	1.708	-.03762	3.4943	-23.214
#2	.00014	1.714	-.04112	3.4095	-21.476
#3	-.00030	1.702	-.04063	3.4134	-20.696

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5161.0	65080.	6444.0	78.013	4863.9
Stddev	6.0	130.	133.8	.061	10.5
%RSD	.11568	.20047	2.0764	.07867	.21585

#1	5159.4	64938.	6290.0	78.057	4866.5
#2	5156.0	65105.	6531.9	77.943	4852.3
#3	5167.6	65196.	6510.2	78.040	4872.8

Sample Name: K2422-03 Acquired: 4/16/2019 16:38:32 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP1-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02670	.00402	.59405	-.03661	.00480	154.61	2.4379
Stddev	.00147	.00213	.00170	.00166	.00088	.23	.0089
%RSD	5.4885	52.994	.28581	4.5358	18.434	.15001	.36359

#1	.02510	.00162	.59427	-.03834	.00383	154.37	2.4422
#2	.02797	.00569	.59562	-.03503	.00556	154.84	2.4437
#3	.02703	.00475	.59225	-.03646	.00500	154.61	2.4277

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01410	.00278	50.024	.14320	.10284	.23548	169.83
Stddev	.00003	.00027	.043	.00083	.00035	.00079	.17
%RSD	.22389	9.6982	.08624	.57887	.34107	.33452	.10280

#1	.01410	.00307	50.033	.14370	.10246	.23636	169.67
#2	.01407	.00273	50.061	.14367	.10316	.23484	170.02
#3	.01413	.00254	49.976	.14225	.10291	.23523	169.82

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9052	29.123	.16682	-.00664	15.669	.25057	.87034
Stddev	.0220	.072	.00032	.00041	.045	.00076	.00123
%RSD	.22200	.24746	.19305	6.1853	.28572	.30401	.14153

#1	9.8937	29.202	.16674	-.00711	15.670	.25144	.87135
#2	9.9306	29.061	.16717	-.00635	15.713	.25006	.86897
#3	9.8914	29.108	.16654	-.00647	15.623	.25020	.87070

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9688	.00163	.11132	1.7701	3.2883	.03653	1.7728
Stddev	.0474	.00030	.01167	.0020	.0043	.00085	.0030
%RSD	.47520	18.388	10.483	.11064	.13205	2.3397	.17044

#1	9.9645	.00197	.11856	1.7711	3.2918	.03560	1.7730
#2	10.018	.00152	.11755	1.7678	3.2834	.03669	1.7757
#3	9.9237	.00140	.09786	1.7713	3.2897	.03728	1.7696

Sample Name: K2422-03 Acquired: 4/16/2019 16:38:32 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP1-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10743	F 25.44	.32480	.66452	F<.00000
Stddev	.00100	.02	.00071	.14093	1.3743
%RSD	.92706	.0877	.21905	21.209	2.8557
#1	.10761	25.46	.32435	.81549	-49.027
#2	.10636	25.41	.32562	.64163	-46.542
#3	.10833	25.44	.32444	.53643	-48.801
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5974.8	74776.	7748.3	76.683	4488.2
Stddev	15.1	118.	12.6	1.471	5.3
%RSD	.25193	.15764	.16264	1.9177	.11739
#1	5958.2	74790.	7762.6	77.869	4483.7
#2	5987.4	74651.	7743.7	75.038	4494.0
#3	5978.9	74886.	7738.7	77.143	4487.0

Sample Name: K2422-07 Acquired: 4/16/2019 16:43:07 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP1-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02011	.00692	1.0653	-.04253	.00979	153.30	1.3319
Stddev	.00217	.00116	.0025	.00190	.00169	.21	.0052
%RSD	10.771	16.700	.23887	4.4633	17.224	.13735	.38722

#1	.02242	.00693	1.0678	-.04094	.00785	153.06	1.3260
#2	.01980	.00808	1.0653	-.04203	.01070	153.36	1.3356
#3	.01812	.00576	1.0627	-.04463	.01083	153.47	1.3342

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01279	-.00060	23.368	.16692	.11905	.30514	195.03
Stddev	.00008	.00006	.057	.00121	.00017	.00190	.38
%RSD	.61072	9.3691	.24307	.72714	.14661	.62313	.19589

#1	.01272	-.00055	23.304	.16800	.11925	.30730	195.35
#2	.01277	-.00066	23.389	.16714	.11901	.30374	195.14
#3	.01288	-.00059	23.411	.16561	.11891	.30437	194.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6315	44.588	.19624	-.01023	12.069	.26155	1.1904
Stddev	.0146	.268	.00091	.00050	.043	.00178	.0014
%RSD	.19137	.60191	.46505	4.8636	.35263	.68109	.11618

#1	7.6389	44.288	.19680	-.01059	12.032	.26230	1.1909
#2	7.6147	44.806	.19519	-.01044	12.116	.26284	1.1889
#3	7.6409	44.669	.19673	-.00967	12.059	.25952	1.1915

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.514	.00182	.13236	.76995	2.7628	.03561	1.8852
Stddev	.072	.00006	.00737	.00547	.0357	.00028	.0060
%RSD	.46197	3.5073	5.5694	.71060	1.2907	.77452	.31997

#1	15.435	.00190	.13823	.77216	2.7737	.03593	1.8858
#2	15.575	.00179	.12409	.76372	2.7918	.03548	1.8909
#3	15.533	.00178	.13477	.77398	2.7230	.03543	1.8789

Sample Name: K2422-07 Acquired: 4/16/2019 16:43:07 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP1-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18062	F 10.65	.01906	2.1106	F<.00000
Stddev	.00059	.03	.00083	.0943	2.1774
%RSD	.32393	.3064	4.3537	4.4699	4.5738
#1	.18116	10.64	.01811	2.2020	-47.160
#2	.18000	10.63	.01943	2.1164	-45.688
#3	.18072	10.69	.01963	2.0136	-49.973
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5393.3	66964.	6893.8	75.583	4493.7
Stddev	9.9	91.	7.8	2.103	3.4
%RSD	.18351	.13525	.11340	2.7828	.07469
#1	5382.5	66898.	6884.8	74.152	4490.0
#2	5402.0	66927.	6897.2	77.998	4496.5
#3	5395.2	67067.	6899.3	74.599	4494.7

Sample Name: K2422-11 Acquired: 4/16/2019 16:47:42 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP3-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05252	.01167	.29515	-.06444	.01400	210.71	1.7342
Stddev	.00318	.00021	.00307	.00160	.00039	2.81	.0190
%RSD	6.0554	1.8076	1.0404	2.4797	2.8209	1.3332	1.0932

#1	.05591	.01190	.29835	-.06269	.01426	208.79	1.7191
#2	.05205	.01149	.29487	-.06480	.01354	209.41	1.7280
#3	.04960	.01162	.29223	-.06582	.01419	213.94	1.7554

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01759	.00322	22.695	.19490	.15727	.15652	235.69
Stddev	.00041	.00025	.055	.00273	.00062	.00119	2.02
%RSD	2.3537	7.7778	.24335	1.4012	.39707	.76156	.85527

#1	.01737	.00335	22.685	.19360	.15799	.15759	235.09
#2	.01734	.00339	22.755	.19305	.15695	.15674	234.04
#3	.01807	.00293	22.646	.19803	.15687	.15524	237.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.0610	32.782	.19000	-.01477	17.901	.41661	.98053
Stddev	.1220	.453	.00142	.00021	.220	.00565	.00293
%RSD	1.5129	1.3814	.74938	1.4012	1.2266	1.3560	.29857

#1	7.9616	32.338	.19162	-.01460	17.723	.41385	.98350
#2	8.0242	32.765	.18947	-.01470	17.832	.41286	.98044
#3	8.1971	33.243	.18892	-.01500	18.146	.42310	.97765

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5989	.00420	.14348	.90319	4.1020	.01688	2.0601
Stddev	.0959	.00024	.01694	.01019	.0480	.00039	.0031
%RSD	.99896	5.6224	11.810	1.1282	1.1697	2.2906	.15055

#1	9.5196	.00444	.14048	.90916	4.1206	.01732	2.0578
#2	9.5715	.00420	.16172	.89143	4.0475	.01672	2.0636
#3	9.7055	.00397	.12823	.90899	4.1378	.01660	2.0589

Sample Name: K2422-11 Acquired: 4/16/2019 16:47:42 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP3-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13007	F 18.47	-.01305	.61820	F<.00000
Stddev	.00084	.07	.00240	.30648	2.7611
%RSD	.64493	.3566	18.393	49.576	3.5410
#1	.13085	18.54	-.01262	.37702	-76.513
#2	.13019	18.45	-.01089	.51450	-81.158
#3	.12918	18.41	-.01563	.96307	-76.250
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5760.5	70927.	7357.6	74.247	4382.0
Stddev	2.7	815.	16.8	.735	10.2
%RSD	.04737	1.1485	.22871	.98941	.23195
#1	5757.4	71437.	7338.7	74.008	4370.5
#2	5762.5	71357.	7363.3	75.071	4385.8
#3	5761.5	69987.	7370.9	73.661	4389.7

Sample Name: K2203-10 Acquired: 4/16/2019 16:58:19 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-041519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00144	-.00194	.00956	.00363	-.00192	.05011	.19373	-.00011
Stddev	.00153	.00100	.00043	.00159	.00229	.00526	.00148	.00008
%RSD	105.96	51.612	4.4665	43.748	118.96	10.500	.76205	77.771

#1	-.00313	-.00081	.00983	.00433	-.00343	.04598	.19202	-.00018
#2	-.00016	-.00229	.00907	.00474	-.00304	.04832	.19456	-.00012
#3	-.00103	-.00272	.00979	.00181	.00071	.05604	.19460	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00088	72.958	-.00092	.00817	.00465	.79176	1.8659	3.6241
Stddev	.00007	.320	.00016	.00006	.00037	.00305	.0023	.0444
%RSD	7.4832	.43888	17.040	.76725	7.8631	.38511	.12300	1.2259

#1	.00088	73.248	-.00100	.00810	.00464	.79298	1.8686	3.6702
#2	.00094	72.615	-.00101	.00822	.00428	.79400	1.8643	3.6205
#3	.00081	73.011	-.00074	.00819	.00501	.78828	1.8650	3.5816

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00323	.00003	255.85	-.00147	.06401	1.4415	-.00019	.01674
Stddev	.00005	.00014	.43	.00003	.00038	.0282	.00025	.00391
%RSD	1.6650	485.56	.16629	2.2373	.59337	1.9556	132.88	23.349

#1	.00321	-.00008	255.79	-.00148	.06416	1.4132	-.00026	.01675
#2	.00329	-.00003	256.30	-.00150	.06358	1.4416	-.00039	.02065
#3	.00318	.00019	255.45	-.00144	.06430	1.4696	.00009	.01283

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74957	1.8466	-.00129	.00115	-.00427	-.0030	.31941	5.9214
Stddev	.00599	.0211	.00023	.00022	.00146	.0007	.00073	.1311
%RSD	.79907	1.1440	17.941	18.789	34.177	22.18	.22827	2.2140

#1	.74938	1.8661	-.00151	.00091	-.00486	-.0035	.32025	5.7990
#2	.74369	1.8497	-.00105	.00132	-.00261	-.0022	.31896	5.9054
#3	.75566	1.8242	-.00133	.00122	-.00535	-.0032	.31901	6.0597

Sample Name: K2203-10 Acquired: 4/16/2019 16:58:19 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-01-041519 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.840
Stddev	1.531
%RSD	9.6667

#1	17.331
#2	15.918
#3	14.272

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4573.3	57418.	5953.1	73.791	4422.4
Stddev	3.8	166.	44.2	.552	10.0
%RSD	.08379	.28986	.74188	.74769	.22553

#1	4576.4	57238.	5902.1	74.219	4411.2
#2	4569.0	57450.	5979.1	73.986	4425.8
#3	4574.5	57566.	5978.1	73.169	4430.2

Sample Name: K2203-10DUP Acquired: 4/16/2019 17:02:51 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-041519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00056	-.00206	.01027	.00156	-.00082	.06631	.19277	-.00010
Stddev	.00036	.00101	.00113	.00179	.00042	.00130	.00082	.00001
%RSD	63.400	49.237	11.007	114.50	51.723	1.9557	.42795	7.0636

#1	.00058	-.00271	.00924	-.00046	-.00125	.06709	.19200	-.00010
#2	.00091	-.00258	.01008	.00219	-.00041	.06703	.19266	-.00011
#3	.00020	-.00089	.01148	.00296	-.00080	.06481	.19364	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	72.349	-.00129	.00826	.00453	.79129	1.8594	3.5263
Stddev	.00001	.207	.00017	.00016	.00007	.00632	.0017	.0277
%RSD	1.4845	.28549	13.513	1.9838	1.6539	.79926	.09322	.78413

#1	.00092	72.303	-.00147	.00845	.00459	.79431	1.8612	3.5400
#2	.00090	72.575	-.00112	.00817	.00445	.78402	1.8591	3.4945
#3	.00090	72.170	-.00128	.00816	.00455	.79553	1.8578	3.5444

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00308	.00032	252.06	-.00136	.06329	1.4741	-.00044	.01983
Stddev	.00047	.00043	1.22	.00035	.00021	.0229	.00018	.01666
%RSD	15.120	135.74	.48585	25.672	.32482	1.5511	42.355	84.011

#1	.00318	.00002	251.49	-.00161	.06317	1.4480	-.00024	.02305
#2	.00257	.00012	251.23	-.00150	.06318	1.4836	-.00061	.00179
#3	.00349	.00082	253.47	-.00096	.06353	1.4906	-.00046	.03464

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74267	1.8214	-.00143	.00048	-.00160	-.0022	.31694	5.7524
Stddev	.00368	.0202	.00050	.00067	.00019	.0004	.00128	.1516
%RSD	.49601	1.1087	35.279	140.88	11.588	16.16	.40487	2.6349

#1	.74650	1.8430	-.00183	.00056	-.00164	-.0025	.31813	5.8287
#2	.74234	1.8181	-.00086	.00110	-.00176	-.0022	.31711	5.8505
#3	.73916	1.8030	-.00159	-.00023	-.00140	-.0018	.31558	5.5778

Sample Name: K2203-10DUP Acquired: 4/16/2019 17:02:51 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-01-041519 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	17.793
Stddev	1.936
%RSD	10.883

#1	17.778
#2	15.864
#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	4603.0	57757.	6010.9	75.277	4453.3
Stddev	5.2	69.	45.2	1.216	1.4
%RSD	.11379	.12029	.75215	1.6148	.03088

#1	4599.6	57683.	5981.1	74.359	4453.1
#2	4609.1	57766.	5988.6	74.818	4454.8
#3	4600.4	57822.	6062.9	76.656	4452.1

Sample Name: K2203-10LX5 Acquired: 4/16/2019 17:07:21 Type: Unk
Method: P4-ICP2(v3052) 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	.00011	-.00102	.00192	.00324	-.00181	-.01067	.03911	.00000
Stddev	.00270	.00027	.00051	.00211	.00078	.00643	.00007	.00002
%RSD	2358.2	26.447	26.381	65.058	43.145	60.236	.17606	5894.7

#1	.00221	-.00092	.00194	.00150	-.00148	-.01132	.03905	-.00002
#2	.00107	-.00132	.00241	.00263	-.00126	-.01675	.03911	-.00000
#3	-.00293	-.00082	.00140	.00558	-.00271	-.00394	.03919	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	15.222	-.00035	.00182	.00126	.16967	.39520	.70999
Stddev	.00003	.109	.00041	.00008	.00023	.00109	.00249	.03467
%RSD	18.494	.71723	117.88	4.3082	18.052	.64454	.62913	4.8837

#1	.00018	15.131	-.00005	.00177	.00136	.16842	.39336	.70029
#2	.00013	15.192	-.00018	.00177	.00141	.17015	.39422	.74848
#3	.00014	15.343	-.00081	.00191	.00100	.17044	.39803	.68119

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	.00026	50.984	-.00079	.01328	.38110	-.00037	-.00617
Stddev	.00022	.00041	.822	.00014	.00036	.04432	.00030	.00737
%RSD	76.424	157.95	1.6119	17.757	2.6893	11.629	82.991	119.42

#1	.00055	.00051	50.356	-.00063	.01292	.36156	-.00072	-.01354
#2	.00015	-.00022	50.681	-.00091	.01330	.34992	-.00020	.00120
#3	.00018	.00049	51.914	-.00082	.01363	.43183	-.00018	-.00618

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15693	.39808	-.00190	.00179	-.00299	-.0082	.06645	5.0819
Stddev	.00082	.00248	.00072	.00095	.00169	.0007	.00026	.0216
%RSD	.52490	.62335	37.742	53.162	56.468	8.300	.39699	.42492

#1	.15708	.39972	-.00129	.00170	-.00477	-.0088	.06619	5.0831
#2	.15604	.39930	-.00172	.00279	-.00140	-.0074	.06645	5.0598
#3	.15767	.39523	-.00269	.00089	-.00281	-.0083	.06672	5.1029

Sample Name: K2203-10LX5 Acquired: 4/16/2019 17:07:21 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.7168
Stddev .5011
%RSD 7.4604

#1 7.2635
#2 6.2793
#3 6.6075

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4815.8	60497.	6085.2	78.999	4829.7
Stddev	12.5	120.	40.2	1.650	12.8
%RSD	.25983	.19842	.66073	2.0881	.26560

#1	4814.3	60484.	6048.8	78.461	4833.0
#2	4804.1	60624.	6078.4	77.686	4815.5
#3	4829.0	60385.	6128.3	80.850	4840.5

Sample Name: K2203-10MS Acquired: 4/16/2019 17:11:46 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-041519 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	.82893	2.0039	.99817	2.1204	.83703	2.0660	.40375	.21142	.20274
Stddev	.00431	.0096	.00397	.0105	.00281	.0034	.00176	.00034	.00079
%RSD	.51947	.47889	.39759	.49483	.33626	.16273	.43551	.16096	.38978

#1	.83254	2.0034	.99830	2.1176	.83987	2.0697	.40530	.21104	.20301
#2	.83009	2.0137	1.0021	2.1319	.83697	2.0652	.40413	.21170	.20336
#3	.82416	1.9945	.99413	2.1115	.83424	2.0631	.40184	.21150	.20185

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	77.886	.39682	.22249	.31383	3.8490	2.1706	5.7347	.50943	.07247
Stddev	.071	.00123	.00081	.00169	.0055	.0056	.0198	.00217	.00096
%RSD	.09134	.30945	.36465	.53890	.14233	.25641	.34583	.42629	1.3179

#1	77.951	.39574	.22312	.31525	3.8431	2.1650	5.7174	.51004	.07352
#2	77.810	.39656	.22278	.31427	3.8539	2.1761	5.7303	.51124	.07224
#3	77.897	.39816	.22157	.31196	3.8500	2.1707	5.7563	.50702	.07165

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	266.99	.30015	.28128	11.493	.41191	.31676	.78381	2.7388	.67427
Stddev	.09	.00078	.00130	.035	.00128	.01299	.00641	.0020	.00396
%RSD	.03307	.25950	.46135	.30669	.31099	4.1005	.81730	.07251	.58718

#1	266.98	.30045	.28212	11.526	.41088	.33150	.77645	2.7398	.67503
#2	266.91	.30074	.28194	11.456	.41334	.31175	.78690	2.7401	.67779
#3	267.09	.29927	.27979	11.495	.41151	.30701	.78809	2.7365	.66998

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20783	.18135	6.176	.53160	5.8429	11.872
Stddev	.00184	.00230	.024	.00087	.2028	2.208
%RSD	.88309	1.2707	.3811	.16449	3.4711	18.594

#1	.20741	.17872	6.179	.53249	5.7965	10.610
#2	.20625	.18229	6.197	.53075	6.0649	14.421
#3	.20984	.18303	6.150	.53156	5.6673	10.585

Sample Name: K2203-10MS Acquired: 4/16/2019 17:11:46 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-041519 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	4540.2	57085.	5869.6	73.764	4395.7
Stddev	20.9	101.	9.8	1.382	21.3
%RSD	.45949	.17779	.16636	1.8729	.48463
#1	4518.4	56989.	5862.5	74.632	4375.7
#2	4542.4	57074.	5880.7	72.171	4393.4
#3	4559.9	57191.	5865.7	74.488	4418.1

Sample Name: K2203-10MSD Acquired: 4/16/2019 17:15:59 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-041519 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	.83424	2.0286	1.0045	2.1418	.83828	2.1233	.40951	.21252	.20429
Stddev	.00370	.0066	.0036	.0045	.00179	.0270	.00149	.00072	.00054
%RSD	.44355	.32528	.36275	.20907	.21320	1.2726	.36453	.34111	.26552

#1	.83025	2.0217	1.0024	2.1369	.83948	2.1499	.41099	.21187	.20367
#2	.83756	2.0349	1.0087	2.1428	.83912	2.1240	.40953	.21239	.20468
#3	.83490	2.0291	1.0023	2.1457	.83622	2.0959	.40801	.21330	.20453

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	79.462	.40124	.22394	.31515	3.8933	2.2102	5.8359	.51478	.07285
Stddev	.660	.00109	.00114	.00111	.0104	.0012	.1449	.00149	.00052
%RSD	.83119	.27142	.50839	.35234	.26846	.05531	2.4833	.28870	.71409

#1	79.498	.40057	.22280	.31391	3.8976	2.2094	5.8419	.51322	.07278
#2	78.784	.40066	.22507	.31603	3.8814	2.2096	5.9778	.51618	.07340
#3	80.103	.40250	.22394	.31553	3.9009	2.2116	5.6881	.51494	.07237

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	270.85	.30454	.28453	11.654	.41676	.32152	.79439	2.7949	.68186
Stddev	1.47	.00089	.00058	.076	.00103	.01721	.00754	.0427	.00436
%RSD	.54105	.29191	.20452	.65351	.24704	5.3543	.94876	1.5267	.63907

#1	269.65	.30445	.28386	11.662	.41600	.32441	.79359	2.7686	.67942
#2	272.49	.30370	.28491	11.727	.41793	.33710	.80229	2.7720	.68689
#3	270.42	.30547	.28481	11.575	.41634	.30304	.78728	2.8442	.67927

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20986	.18454	6.258	.53961	5.8681	12.829
Stddev	.00113	.00138	.024	.00363	.0535	.492
%RSD	.53751	.74876	.3777	.67315	.91115	3.8377

#1	.20859	.18498	6.247	.53968	5.8777	13.116
#2	.21074	.18299	6.285	.53595	5.8105	12.261
#3	.21025	.18565	6.242	.54321	5.9161	13.111

Sample Name: K2203-10MSD Acquired: 4/16/2019 17:15:59 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-01-041519 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	4539.3	57250.	5894.0	73.963	4379.8
Stddev	5.5	66.	46.7	.251	6.7
%RSD	.12018	.11481	.79275	.33887	.15298
#1	4539.8	57201.	5906.7	73.987	4383.1
#2	4533.7	57223.	5933.0	74.201	4372.1
#3	4544.6	57324.	5842.2	73.701	4384.2

Sample Name: K2203-10A Acquired: 4/16/2019 17:20:12 Type: Unk
Method: P4-ICP2(v3052) 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	.84319	2.0382	1.0137	2.1654	.84632	2.1390	.42031	.21623	.20578
Stddev	.00321	.0039	.0024	.0097	.00424	.0176	.00099	.00038	.00035
%RSD	.38119	.18974	.23598	.44659	.50100	.82076	.23477	.17581	.16767

#1	.84677	2.0343	1.0112	2.1560	.84399	2.1195	.42145	.21611	.20545
#2	.84225	2.0383	1.0138	2.1648	.85122	2.1536	.41981	.21592	.20577
#3	.84055	2.0420	1.0160	2.1753	.84376	2.1438	.41968	.21666	.20614

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	81.640	.40760	.22596	.31794	3.9542	2.2613	6.0326	.51847	.07451
Stddev	.570	.00075	.00047	.00110	.0029	.0020	.0401	.00092	.00075
%RSD	.69822	.18342	.20966	.34724	.07203	.08918	.66401	.17740	1.0095

#1	81.160	.40791	.22545	.31682	3.9517	2.2606	5.9866	.51745	.07502
#2	82.270	.40675	.22638	.31797	3.9535	2.2597	6.0598	.51871	.07485
#3	81.491	.40815	.22605	.31902	3.9573	2.2636	6.0514	.51924	.07364

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	278.30	.30812	.28732	11.939	.41990	.34135	.80548	2.8426	.68924
Stddev	.87	.00060	.00100	.087	.00028	.00179	.00427	.0130	.00250
%RSD	.31307	.19314	.34906	.72729	.06550	.52583	.53010	.45576	.36334

#1	277.47	.30815	.28629	11.962	.41985	.34270	.80177	2.8504	.68687
#2	279.21	.30751	.28736	11.843	.41966	.34204	.80451	2.8498	.68901
#3	278.24	.30870	.28830	12.012	.42020	.33932	.81015	2.8277	.69186

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21468	.19166	6.315	.55404	6.0372	13.752			
Stddev	.00216	.00367	.028	.00369	.0569	2.279			
%RSD	1.0054	1.9146	.4416	.66620	.94275	16.574			

#1	.21253	.18742	6.284	.55286	6.0871	12.524			
#2	.21685	.19382	6.323	.55818	5.9752	12.350			
#3	.21464	.19373	6.337	.55109	6.0494	16.382			

Sample Name: K2203-10A Acquired: 4/16/2019 17:20:12 Type: Unk
Method: P4-ICP2(v3052) 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	4525.7	56357.	5810.8	74.684	4368.8
Stddev	8.9	132.	35.8	1.086	3.6
%RSD	.19723	.23465	.61531	1.4538	.08279
#1	4517.7	56272.	5823.5	75.249	4366.2
#2	4524.1	56289.	5770.5	75.371	4367.2
#3	4535.3	56509.	5838.5	73.433	4373.0

Sample Name: CCV06 Acquired: 4/16/2019 17:24:25 Type: Unk
Method: P4-ICP2(v3052) 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	5.2214	5.3058	5.1003	5.2218	5.3168	9.8692	9.9244	.26221
Stddev	.0051	.0191	.0078	.0059	.0082	.0308	.0137	.00052
%RSD	.09810	.35901	.15337	.11206	.15355	.31171	.13825	.19744
#1	5.2155	5.2854	5.1038	5.2273	5.3262	9.8527	9.9224	.26238
#2	5.2241	5.3231	5.1058	5.2156	5.3126	9.9047	9.9390	.26163
#3	5.2245	5.3090	5.0914	5.2223	5.3115	9.8502	9.9118	.26262
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5429	24.656	.97856	2.6390	1.2807	5.0062	2.6029	24.953
Stddev	.0043	.043	.00155	.0037	.0026	.0066	.0022	.160
%RSD	.16916	.17278	.15867	.14021	.19890	.13279	.08646	.64183
#1	2.5467	24.607	.97967	2.6433	1.2828	5.0059	2.6003	24.859
#2	2.5437	24.684	.97678	2.6374	1.2779	4.9997	2.6043	25.138
#3	2.5382	24.677	.97922	2.6364	1.2814	5.0130	2.6040	24.863
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5234	1.2711	24.388	2.4060	2.6278	23.985	5.0292	5.0152
Stddev	.0037	.0010	.018	.0047	.0024	.037	.0053	.0306
%RSD	.14581	.08210	.07395	.19684	.09014	.15616	.10619	.61086
#1	2.5258	1.2712	24.387	2.4112	2.6292	23.942	5.0250	4.9810
#2	2.5252	1.2722	24.407	2.4049	2.6293	24.010	5.0352	5.0246
#3	2.5191	1.2701	24.371	2.4020	2.6251	24.002	5.0274	5.0401
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9318	4.5901	4.8703	5.1351	4.5287	5.187	5.0208	5.2774
Stddev	.0148	.0129	.0067	.0104	.0135	.014	.0138	.0553
%RSD	.29940	.28160	.13828	.20320	.29813	.2630	.27387	1.0487
#1	4.9252	4.6050	4.8643	5.1457	4.5443	5.178	5.0367	5.3412
#2	4.9487	4.5823	4.8776	5.1348	4.5207	5.203	5.0127	5.2486
#3	4.9214	4.5829	4.8690	5.1248	4.5211	5.181	5.0130	5.2424

Sample Name: CCV06 Acquired: 4/16/2019 17:24:25 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.1907
Stddev	.8097
%RSD	36.959

#1	1.6072
#2	3.1151
#3	1.8498

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4790.2	59869.	6061.0	74.957	4631.6
Stddev	1.3	103.	17.3	1.186	3.4
%RSD	.02625	.17277	.28578	1.5822	.07423

#1	4789.0	59889.	6041.2	73.812	4631.7
#2	4790.1	59757.	6073.4	74.879	4628.1
#3	4791.5	59961.	6068.4	76.180	4634.9

Sample Name: CCB06 Acquired: 4/16/2019 17:28:22 Type: Unk
Method: P4-ICP2(v3052) 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	.00192	.00100	-.00058	.00277	-.00303	-.01971	.00061	-.00001
Stddev	.00106	.00053	.00067	.00089	.00076	.01095	.00026	.00007
%RSD	55.492	52.797	115.52	32.151	25.173	55.534	42.850	648.82
#1	.00189	.00127	-.00029	.00218	-.00240	-.01986	.00091	-.00002
#2	.00087	.00133	-.00010	.00379	-.00280	-.00869	.00044	.00007
#3	.00299	.00039	-.00135	.00234	-.00388	-.03059	.00048	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00004	-.00036	-.00004	-.00067	-.00056	-.00003	.00380
Stddev	.00005	.00785	.00005	.00012	.00053	.00055	.00002	.03434
%RSD	201.07	20850.	14.174	308.09	79.300	97.531	90.840	904.27
#1	-.00004	.00802	-.00032	-.00008	-.00048	-.00007	-.00005	-.03584
#2	-.00006	-.00023	-.00041	.00009	-.00026	-.00046	-.00003	.02433
#3	.00003	-.00767	-.00033	-.00013	-.00126	-.00115	-.00000	.02290
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.00008	-.01159	-.00066	-.00029	.04143	.00004	-.00479
Stddev	.00017	.00033	.01135	.00009	.00009	.00572	.00030	.01586
%RSD	98.747	404.35	97.856	13.827	31.788	13.817	670.20	331.00
#1	.00018	.00035	-.02468	-.00062	-.00035	.04671	.00031	.01224
#2	.00034	-.00028	-.00454	-.00060	-.00034	.03535	.00009	-.00748
#3	-.00000	.00018	-.00556	-.00077	-.00019	.04223	-.00027	-.01913
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	-.00004	-.00122	.00002	-.00400	-.0072	.00007	F 4.5117
Stddev	.00377	.00151	.00031	.00136	.00145	.0018	.00001	.2424
%RSD	1700.5	4312.5	25.656	7734.9	36.294	25.23	12.051	5.3733
#1	-.00369	-.00170	-.00090	.00150	-.00502	-.0080	.00006	4.3058
#2	.00051	.00125	-.00123	-.00116	-.00234	-.0051	.00006	4.7789
#3	.00384	.00034	-.00152	-.00029	-.00465	-.0085	.00008	4.4504

Sample Name: CCB06 Acquired: 4/16/2019 17:28:22 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5411
Stddev	3.1801
%RSD	206.35

#1	-1.7246
#2	1.7197
#3	4.6281

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5011.9	62663.	6092.3	78.192	5299.8
Stddev	3.0	224.	9.9	.572	11.9
%RSD	.05913	.35759	.16285	.73158	.22427

#1	5010.3	62470.	6088.4	77.582	5286.5
#2	5010.1	62909.	6103.6	78.280	5303.8
#3	5015.4	62610.	6084.9	78.716	5309.3

Sample Name: K2203-12 Acquired: 4/16/2019 17:32:50 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-01-041519 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	-.00269	.00664	.00422	-.00114	.56815	.13451	.00005
Stddev	.00288	.00030	.00100	.00097	.00080	.00292	.00216	.00006
%RSD	866.87	11.295	15.033	22.949	69.920	.51330	1.6091	128.00

#1	-.00293	-.00239	.00614	.00340	-.00022	.56509	.13262	.00008
#2	.00141	-.00300	.00779	.00529	-.00155	.56846	.13404	.00009
#3	.00252	-.00267	.00599	.00397	-.00164	.57089	.13687	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	14.071	.00014	.00707	.00710	1.1096	.74184	2.1554
Stddev	.00003	.070	.00033	.00006	.00018	.0031	.00108	.0434
%RSD	16.086	.49877	233.82	.84018	2.5427	.27591	.14617	2.0149

#1	.00014	14.013	-.00010	.00707	.00731	1.1121	.74067	2.1076
#2	.00019	14.051	.00001	.00713	.00700	1.1105	.74203	2.1659
#3	.00018	14.149	.00051	.00701	.00699	1.1062	.74281	2.1926

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00266	.00006	287.74	.00002	.04242	1.1414	-.00006	.01058
Stddev	.00039	.00020	.49	.00036	.00018	.0553	.00017	.00175
%RSD	14.710	309.82	.17029	2221.1	.42521	4.8436	284.21	16.529

#1	.00311	.00016	288.21	.00004	.04260	1.1328	.00013	.00888
#2	.00241	-.00016	287.78	.00036	.04240	1.0908	-.00021	.01048
#3	.00246	.00019	287.24	-.00035	.04224	1.2004	-.00010	.01237

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21444	1.1640	-.00181	.02199	-.00157	.0105	.05418	5.6738
Stddev	.00272	.0092	.00033	.00228	.00164	.0022	.00015	.1034
%RSD	1.2661	.79215	18.370	10.354	104.07	21.35	.27939	1.8229

#1	.21352	1.1734	-.00174	.02022	-.00346	.0115	.05432	5.6165
#2	.21749	1.1635	-.00152	.02456	-.00066	.0079	.05402	5.6118
#3	.21230	1.1550	-.00218	.02120	-.00060	.0120	.05419	5.7932

Sample Name: K2203-12 Acquired: 4/16/2019 17:32:50 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-01-041519 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.233
Stddev	1.569
%RSD	12.828

#1	10.493
#2	13.540
#3	12.667

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4625.7	57815.	5996.7	76.401	4486.1
Stddev	8.4	115.	58.4	1.052	5.0
%RSD	.18184	.19853	.97304	1.3774	.11237

#1	4623.9	57850.	5965.4	77.273	4481.6
#2	4618.3	57686.	5960.6	75.232	4485.2
#3	4634.9	57907.	6064.0	76.698	4491.6

Sample Name: K2411-04 Acquired: 4/16/2019 17:37:22 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-16-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00161	-.00233	.00199	-.00005	-.00049	.04926	.07001	-.00008
Stddev	.00187	.00071	.00055	.00159	.00102	.00805	.00043	.00004
%RSD	115.97	30.558	27.625	3008.1	209.66	16.336	.61230	54.925

#1	-.00138	-.00156	.00198	-.00090	.00036	.05844	.07030	-.00003
#2	-.00359	-.00248	.00145	.00178	-.00163	.04592	.06952	-.00011
#3	.00013	-.00296	.00255	-.00104	-.00020	.04342	.07021	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	13.302	.00060	.00005	.00485	.04937	.07954	1.1768
Stddev	.00001	.024	.00012	.00026	.00048	.00027	.00058	.0543
%RSD	11.018	.17789	20.256	514.68	9.8320	.55105	.73500	4.6168

#1	.00012	13.290	.00053	.00014	.00487	.04956	.08013	1.1394
#2	.00014	13.329	.00053	-.00024	.00437	.04949	.07896	1.1519
#3	.00015	13.286	.00074	.00026	.00532	.04906	.07954	1.2392

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00067	-.00020	301.76	-.00023	.01861	1.0024	-.00006	.01032
Stddev	.00024	.00038	2.45	.00007	.00014	.0503	.00017	.01063
%RSD	36.501	187.78	.81029	30.076	.75808	5.0216	268.27	102.96

#1	.00081	.00023	299.46	-.00028	.01869	.94932	-.00024	.02259
#2	.00039	-.00048	304.33	-.00025	.01845	1.0084	.00008	.00430
#3	.00081	-.00036	301.50	-.00015	.01870	1.0495	-.00003	.00407

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21883	.38184	-.00125	.00195	-.00205	.0158	.07689	5.7234
Stddev	.00497	.00259	.00105	.00085	.00077	.0012	.00023	.0814
%RSD	2.2730	.67956	83.705	43.380	37.346	7.420	.30280	1.4224

#1	.21426	.38342	-.00091	.00113	-.00282	.0169	.07695	5.6330
#2	.21810	.38325	-.00042	.00282	-.00204	.0146	.07708	5.7460
#3	.22413	.37884	-.00242	.00189	-.00129	.0160	.07663	5.7910

Sample Name: K2411-04 Acquired: 4/16/2019 17:37:22 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-16-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.566
Stddev	2.218
%RSD	20.997

#1	12.330
#2	8.0752
#3	11.293

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4622.4	58164.	6024.9	76.552	4481.6
Stddev	13.3	118.	54.5	.739	7.9
%RSD	.28819	.20234	.90474	.96590	.17536

#1	4610.6	58042.	6003.8	76.082	4473.6
#2	4619.8	58277.	5984.1	76.170	4481.9
#3	4636.8	58172.	6086.8	77.405	4489.3

Sample Name: K2411-08 Acquired: 4/16/2019 17:41:58 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-14-S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00329	-.00174	.00657	.00314	-.00171	.10057	.10482	-.00004
Stddev	.00075	.00044	.00087	.00146	.00118	.00425	.00083	.00003
%RSD	22.904	25.454	13.278	46.687	69.096	4.2279	.79157	93.724

#1	-.00411	-.00146	.00561	.00312	-.00300	.10387	.10461	-.00002
#2	-.00262	-.00151	.00679	.00168	-.00144	.09577	.10573	-.00007
#3	-.00315	-.00225	.00731	.00461	-.00069	.10207	.10411	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	14.352	.00055	-.00002	.01400	.09292	.06762	1.9448
Stddev	.00012	.045	.00021	.00011	.00032	.00014	.00005	.0267
%RSD	146.70	.31012	37.726	624.00	2.3130	.14791	.06657	1.3750

#1	-.00005	14.358	.00031	-.00011	.01409	.09287	.06767	1.9756
#2	.00018	14.392	.00067	.00010	.01365	.09282	.06758	1.9291
#3	.00010	14.304	.00067	-.00005	.01428	.09308	.06761	1.9296

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00212	-.00024	270.60	.00020	.03680	.61475	-.00015	.01065
Stddev	.00035	.00040	.28	.00024	.00012	.05368	.00017	.00638
%RSD	16.626	167.15	.10232	118.96	.32392	8.7319	115.87	59.912

#1	.00252	-.00061	270.91	-.00007	.03672	.55297	-.00014	.00569
#2	.00200	.00018	270.39	.00036	.03674	.64129	-.00033	.00841
#3	.00184	-.00027	270.49	.00031	.03693	.64999	.00002	.01785

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53604	.48792	-.00151	.00349	-.00090	.0078	.06596	5.7396
Stddev	.00108	.00490	.00093	.00141	.00184	.0006	.00023	.0708
%RSD	.20230	1.0036	61.317	40.310	204.50	7.782	.34789	1.2332

#1	.53632	.48932	-.00101	.00295	-.00216	.0077	.06622	5.6903
#2	.53485	.49197	-.00258	.00509	-.00176	.0084	.06585	5.7079
#3	.53696	.48248	-.00095	.00244	.00122	.0072	.06581	5.8207

Sample Name: K2411-08 Acquired: 4/16/2019 17:41:58 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-14-S Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	11.133
Stddev	.949
%RSD	8.5222

#1	10.741
#2	12.215
#3	10.443

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4643.1	58143.	6042.8	74.723	4511.0
Stddev	6.5	73.	8.7	1.691	2.6
%RSD	.14023	.12609	.14420	2.2635	.05751

#1	4635.6	58165.	6033.9	76.668	4508.9
#2	4646.4	58061.	6043.0	73.907	4510.4
#3	4647.3	58203.	6051.4	73.595	4513.9

Sample Name: K2411-12 Acquired: 4/16/2019 17:46:33 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-14-D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	-.00121	.00140	.00271	-.00163	.14337	.09305	-.00004
Stddev	.00109	.00076	.00039	.00264	.00075	.00588	.00105	.00007
%RSD	216.89	62.578	27.528	97.390	46.156	4.1041	1.1303	190.97

#1	-.00024	-.00034	.00101	.00192	-.00238	.13779	.09218	.00002
#2	.00043	-.00156	.00143	.00055	-.00162	.14280	.09275	-.00012
#3	-.00170	-.00173	.00178	.00565	-.00088	.14951	.09422	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	8.1208	.00068	-.00020	.00564	.13055	.02936	1.2565
Stddev	.00006	.0534	.00027	.00006	.00039	.00110	.00025	.0267
%RSD	92.539	.65710	39.100	28.029	6.9508	.84640	.84540	2.1246

#1	-.00012	8.0771	.00050	-.00017	.00596	.13182	.02948	1.2261
#2	-.00000	8.1802	.00056	-.00026	.00576	.12990	.02907	1.2674
#3	-.00006	8.1050	.00099	-.00017	.00520	.12991	.02952	1.2761

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.00015	300.43	-.00007	.02706	.84807	-.00025	-.00099
Stddev	.00033	.00022	.99	.00013	.00005	.04447	.00014	.00382
%RSD	159.37	144.62	.32848	180.68	.19244	5.2439	54.239	386.80

#1	-.00008	-.00003	300.46	.00008	.02712	.82383	-.00010	-.00132
#2	.00056	.00039	299.43	-.00018	.02702	.82097	-.00036	.00299
#3	.00013	.00009	301.40	-.00012	.02704	.89939	-.00030	-.00463

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26834	.47288	-.00101	.00555	-.00017	.0049	.04377	5.8150
Stddev	.00417	.00345	.00048	.00194	.00069	.0006	.00020	.2067
%RSD	1.5543	.72933	47.517	34.986	391.56	11.71	.45715	3.5554

#1	.26376	.47428	-.00110	.00359	-.00048	.0045	.04355	5.8520
#2	.26934	.47540	-.00049	.00559	-.00066	.0047	.04393	5.5923
#3	.27191	.46895	-.00144	.00747	.00061	.0055	.04384	6.0008

Sample Name: K2411-12 Acquired: 4/16/2019 17:46:33 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-14-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.586
 Stddev 2.607
 %RSD 24.622

#1 11.669
 #2 7.6126
 #3 12.477

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4650.2	58188.	6049.9	76.376	4507.6
Stddev	6.9	120.	29.6	2.691	9.1
%RSD	.14813	.20637	.48985	3.5238	.20138

#1	4647.0	58104.	6024.0	75.382	4503.6
#2	4645.6	58326.	6043.5	74.323	4501.3
#3	4658.1	58135.	6082.2	79.423	4518.0

Sample Name: K2421-01 Acquired: 4/16/2019 17:51:08 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00739	.00209	-.00656	-.01229	.00249	-.01344	.12077	.00143
Stddev	.00389	.00054	.00056	.00070	.00115	.01057	.00110	.00004
%RSD	52.639	25.859	8.5609	5.6678	46.381	78.648	.90803	2.5270

#1	-.00452	.00245	-.00628	-.01300	.00200	-.01998	.12029	.00147
#2	-.00584	.00147	-.00620	-.01161	.00166	-.00124	.12000	.00140
#3	-.01182	.00234	-.00721	-.01226	.00380	-.01909	.12203	.00142

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00281	9.0318	.00577	.00675	.00056	79.674	.11999	.30122
Stddev	.00009	.0603	.00039	.00024	.00032	.221	.00024	.01586
%RSD	3.1131	.66740	6.6712	3.5912	56.701	.27695	.19624	5.2652

#1	-.00272	8.9638	.00552	.00661	.00046	79.430	.11994	.28585
#2	-.00281	9.0528	.00558	.00661	.00092	79.734	.11978	.31753
#3	-.00289	9.0787	.00622	.00703	.00031	79.858	.12024	.30028

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08421	-.00301	232.28	.00060	.05465	.47740	.00453	.08720
Stddev	.00039	.00050	.47	.00007	.00029	.02112	.00025	.00816
%RSD	.45844	16.551	.20251	12.409	.53612	4.4247	5.4728	9.3573

#1	.08464	-.00267	231.82	.00068	.05492	.48170	.00428	.08119
#2	.08390	-.00278	232.76	.00058	.05469	.45446	.00453	.08393
#3	.08408	-.00359	232.27	.00053	.05433	.49605	.00478	.09649

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.39155	.59470	-.00171	.00052	.00123	.1694	-.04748	5.2364
Stddev	.00322	.00442	.00041	.00130	.00089	.0004	.00016	.2147
%RSD	.82325	.74377	23.662	250.53	72.208	.2213	.32833	4.1002

#1	.39079	.59019	-.00165	.00121	.00149	.1698	-.04741	5.3590
#2	.39508	.59488	-.00215	-.00098	.00196	.1693	-.04738	5.3617
#3	.38877	.59903	-.00134	.00132	.00024	.1690	-.04766	4.9885

Sample Name: K2421-01 Acquired: 4/16/2019 17:51:08 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.285
Stddev	2.818
%RSD	27.394

#1	12.797
#2	7.2388
#3	10.820

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4640.7	58483.	6042.7	75.032	4501.8
Stddev	17.9	40.	41.5	1.222	15.4
%RSD	.38594	.06924	.68716	1.6292	.34240

#1	4623.6	58528.	6075.5	76.334	4485.5
#2	4659.3	58450.	5996.0	73.909	4503.8
#3	4639.2	58471.	6056.6	74.852	4516.2

Sample Name: K2422-04 Acquired: 4/16/2019 17:55:48 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP1-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	-.00197	.00242	.00129	-.00170	.99563	.16429	-.00008
Stddev	.00216	.00098	.00024	.00274	.00226	.03418	.00083	.00003
%RSD	450.70	50.011	9.9929	213.05	132.82	3.4335	.50369	31.363

#1	.00235	-.00277	.00251	.00414	.00030	.98237	.16379	-.00008
#2	-.00188	-.00226	.00260	.00103	-.00126	.97005	.16525	-.00006
#3	.00097	-.00087	.00215	-.00132	-.00416	1.0345	.16384	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	20.742	.00146	-.00018	.00398	.76631	.03601	.89460
Stddev	.00005	.090	.00005	.00007	.00007	.01585	.00013	.03805
%RSD	156.51	.43537	3.2190	38.288	1.8299	2.0685	.37180	4.2531

#1	-.00000	20.744	.00145	-.00021	.00391	.78460	.03606	.93539
#2	-.00009	20.650	.00151	-.00010	.00397	.75657	.03586	.88835
#3	-.00000	20.831	.00141	-.00023	.00406	.75776	.03612	.86007

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	-.00008	290.56	.00126	.03224	2.0261	-.00018	.01176
Stddev	.00031	.00054	1.53	.00008	.00009	.0162	.00036	.01494
%RSD	55.046	650.86	.52508	6.2344	.29404	.80094	193.74	127.06

#1	-.00088	-.00049	291.74	.00135	.03235	2.0074	.00002	.02030
#2	-.00056	-.00029	288.84	.00121	.03217	2.0346	-.00060	-.00549
#3	-.00026	.00053	291.09	.00122	.03220	2.0363	.00002	.02046

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29557	2.2285	-.00097	.05320	.00085	.5822	.14798	5.7706
Stddev	.00394	.0924	.00097	.00353	.00042	.0026	.00066	.0732
%RSD	1.3322	4.1447	99.872	6.6379	50.017	.4395	.44713	1.2690

#1	.29634	2.2647	-.00021	.05065	.00051	.5849	.14762	5.6863
#2	.29906	2.1235	-.00064	.05171	.00071	.5821	.14758	5.8179
#3	.29130	2.2972	-.00206	.05723	.00132	.5798	.14875	5.8077

Sample Name: K2422-04 Acquired: 4/16/2019 17:55:48 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP1-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.170
Stddev	.192
%RSD	1.3521

#1	13.958
#2	14.331
#3	14.222

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4642.3	58372.	6030.0	76.932	4504.9
Stddev	10.9	188.	33.0	1.878	12.9
%RSD	.23395	.32137	.54719	2.4413	.28691

#1	4630.2	58156.	6014.9	74.848	4492.4
#2	4651.4	58460.	6067.8	78.493	4518.2
#3	4645.2	58499.	6007.2	77.455	4504.1

Sample Name: K2422-08 Acquired: 4/16/2019 18:00:20 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP1-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00346	-.00145	.00682	.00482	.00012	.06881	.13197	-.00010
Stddev	.00382	.00043	.00028	.00183	.00071	.00214	.00094	.00007
%RSD	110.35	29.729	4.1060	37.922	605.37	3.1127	.71417	73.067

#1	-.00307	-.00195	.00657	.00573	-.00047	.06694	.13189	-.00014
#2	.00014	-.00125	.00675	.00271	.00091	.06836	.13108	-.00002
#3	-.00746	-.00116	.00712	.00600	-.00008	.07115	.13296	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	6.9323	.00065	.00002	.00259	.06202	.01366	.48254
Stddev	.00005	.0199	.00015	.00019	.00026	.00030	.00009	.02641
%RSD	930.32	.28637	23.700	753.53	9.8468	.47645	.66306	5.4724

#1	-.00005	6.9286	.00081	.00022	.00285	.06169	.01377	.51204
#2	.00005	6.9537	.00064	-.00015	.00234	.06210	.01359	.47446
#3	.00001	6.9145	.00050	-.00000	.00260	.06227	.01364	.46111

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00065	-.00014	244.92	-.00014	.05341	2.2812	-.00025	.02171
Stddev	.00035	.00045	.42	.00022	.00013	.0345	.00022	.00949
%RSD	53.589	327.55	.16990	160.10	.23428	1.5111	87.278	43.725

#1	-.00046	-.00064	244.79	-.00033	.05327	2.2769	-.00039	.02687
#2	-.00044	.00021	244.58	-.00018	.05347	2.2490	.00000	.02750
#3	-.00106	.00002	245.38	.00010	.05350	2.3176	-.00037	.01075

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16191	.53944	-.00158	.00233	-.00013	.2299	.06858	5.6529
Stddev	.00183	.00672	.00067	.00085	.00092	.0013	.00030	.1258
%RSD	1.1321	1.2457	42.316	36.464	684.05	.5580	.43685	2.2248

#1	.16015	.54214	-.00198	.00189	-.00120	.2293	.06825	5.5121
#2	.16178	.54438	-.00196	.00179	.00045	.2291	.06884	5.7542
#3	.16381	.53179	-.00081	.00331	.00035	.2314	.06865	5.6923

Sample Name: K2422-08 Acquired: 4/16/2019 18:00:20 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP1-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.530
 Stddev 1.425
 %RSD 13.532

#1 8.8867
 #2 11.424
 #3 11.279

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4666.8	58542.	6043.5	77.352	4567.1
Stddev	12.2	118.	37.1	1.028	5.8
%RSD	.26081	.20159	.61355	1.3288	.12728

#1	4652.7	58408.	6045.3	76.580	4561.4
#2	4673.7	58632.	6005.5	76.957	4573.0
#3	4673.9	58585.	6079.6	78.518	4567.0

Sample Name: K2422-12 Acquired: 4/16/2019 18:04:53 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP3-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00118	-.00173	.00218	.00217	-.00183	.10950	.15325	-.00011
Stddev	.00095	.00105	.00076	.00052	.00119	.00209	.00071	.00006
%RSD	80.526	60.462	34.783	23.965	64.688	1.9083	.46415	54.770

#1	-.00213	-.00285	.00146	.00157	-.00320	.10908	.15264	-.00011
#2	-.00022	-.00156	.00296	.00252	-.00105	.11177	.15308	-.00005
#3	-.00120	-.00078	.00211	.00242	-.00125	.10766	.15403	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	16.988	.00093	-.00019	.00211	.08541	.00828	.51654
Stddev	.00002	.044	.00038	.00013	.00019	.00129	.00010	.04052
%RSD	19.821	.26141	40.639	67.363	9.0320	1.5128	1.1711	7.8448

#1	.00007	16.940	.00065	-.00015	.00189	.08393	.00822	.49150
#2	.00010	16.997	.00077	-.00009	.00226	.08598	.00823	.49483
#3	.00009	17.027	.00136	-.00034	.00217	.08632	.00839	.56329

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	.00001	305.02	-.00002	.02626	1.6023	-.00019	-.00311
Stddev	.00030	.00024	2.48	.00023	.00008	.0293	.00014	.01229
%RSD	152.19	2379.0	.81393	955.66	.31703	1.8254	72.994	394.65

#1	-.00031	-.00011	302.16	-.00012	.02617	1.5738	-.00032	-.01355
#2	-.00042	.00028	306.48	-.00019	.02626	1.6009	-.00005	-.00623
#3	.00014	-.00015	306.43	.00024	.02634	1.6322	-.00020	.01044

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23264	.98913	-.00102	.00341	-.00004	.1242	.12272	5.9563
Stddev	.00435	.00109	.00066	.00101	.00103	.0015	.00006	.0377
%RSD	1.8684	.11039	65.178	29.633	2821.4	1.198	.05083	.63222

#1	.23187	.98960	-.00176	.00261	.00025	.1225	.12279	5.9831
#2	.23732	.98991	-.00082	.00308	.00083	.1251	.12267	5.9132
#3	.22873	.98788	-.00048	.00455	-.00118	.1250	.12270	5.9726

Sample Name: K2422-12 Acquired: 4/16/2019 18:04:53 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP3-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.710
Stddev	1.272
%RSD	10.010

#1	14.173
#2	11.865
#3	12.092

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4621.2	57678.	5971.1	74.077	4477.3
Stddev	7.0	120.	15.7	1.185	8.9
%RSD	.15222	.20725	.26283	1.5998	.19938

#1	4622.1	57548.	5958.9	74.805	4469.5
#2	4613.8	57783.	5965.6	74.716	4475.2
#3	4627.8	57704.	5988.8	72.709	4487.0

Sample Name: K2397-18 Acquired: 4/16/2019 18:09:27 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00070	-.00061	.00015	.00163	-.00232	-.02202	.11270	-.00012
Stddev	.00046	.00038	.00115	.00097	.00096	.00687	.00090	.00003
%RSD	66.567	62.325	753.24	59.344	41.522	31.215	.79441	27.313

#1	.00016	-.00063	-.00050	.00274	-.00125	-.01466	.11192	-.00009
#2	.00101	-.00098	-.00052	.00095	-.00260	-.02312	.11368	-.00015
#3	.00091	-.00022	.00149	.00121	-.00311	-.02827	.11251	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	18.710	.00038	.00040	.00020	.94105	.14340	4.6475
Stddev	.00005	.066	.00031	.00025	.00019	.00091	.00047	.0480
%RSD	78.881	.35211	81.844	60.964	95.620	.09645	.32772	1.0325

#1	-.00005	18.762	.00045	.00066	.00010	.94135	.14313	4.5939
#2	-.00002	18.732	.00066	.00037	.00008	.94003	.14312	4.6865
#3	-.00013	18.636	.00004	.00017	.00041	.94177	.14394	4.6620

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	-.00074	29.826	-.00061	.05850	2.2087	-.00013	.07202
Stddev	.00031	.00020	.075	.00010	.00015	.0049	.00025	.00310
%RSD	48.876	26.558	.25267	15.862	.24843	.21999	199.92	4.3095

#1	.00094	-.00081	29.741	-.00071	.05834	2.2091	-.00010	.07245
#2	.00066	-.00052	29.886	-.00053	.05860	2.2037	.00011	.07489
#3	.00032	-.00089	29.850	-.00057	.05858	2.2134	-.00039	.06872

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.69745	2.3982	-.00237	-.00033	.00673	-.0055	.09791	4.6085
Stddev	.00377	.0042	.00039	.00171	.00132	.0016	.00031	.2518
%RSD	.53993	.17415	16.686	522.91	19.544	28.29	.31178	5.4641

#1	.69671	2.4027	-.00282	.00129	.00814	-.0042	.09790	4.8602
#2	.70152	2.3975	-.00216	-.00016	.00553	-.0072	.09822	4.6089
#3	.69410	2.3945	-.00212	-.00211	.00654	-.0051	.09761	4.3565

Sample Name: K2397-18 Acquired: 4/16/2019 18:09:27 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	5.1049
Stddev	1.7241
%RSD	33.774

#1	5.3546
#2	6.6905
#3	3.2695

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4917.8	62315.	6157.8	79.903	5030.9
Stddev	7.6	73.	31.2	1.253	13.4
%RSD	.15378	.11782	.50695	1.5681	.26684

#1	4912.2	62337.	6138.8	80.609	5025.5
#2	4926.4	62233.	6140.8	78.456	5046.2
#3	4914.7	62375.	6193.8	80.644	5021.1

Sample Name: K2397-18DUP Acquired: 4/16/2019 18:13:50 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00195	-.00034	-.00016	.00403	-.00220	-.03201	.11359	-.00007
Stddev	.00258	.00133	.00021	.00536	.00054	.00287	.00089	.00003
%RSD	131.94	392.37	136.92	132.96	24.433	8.9766	.78335	47.629

#1	-.00224	.00116	-.00032	-.00123	-.00164	-.03026	.11428	-.00010
#2	.00075	-.00138	-.00023	.00383	-.00226	-.03044	.11258	-.00005
#3	-.00438	-.00079	.00009	.00948	-.00271	-.03532	.11390	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	18.736	.00027	.00035	.00024	.93894	.14298	4.6299
Stddev	.00007	.058	.00028	.00006	.00013	.00445	.00064	.0947
%RSD	143.88	.31002	103.39	17.922	53.117	.47358	.44590	2.0447

#1	-.00006	18.683	.00056	.00035	.00012	.93645	.14238	4.7377
#2	-.00011	18.798	.00025	.00041	.00024	.93629	.14290	4.5604
#3	.00003	18.727	.00000	.00029	.00037	.94407	.14365	4.5915

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00067	-.00047	29.951	-.00011	.05878	2.1396	-.00002	.07250
Stddev	.00028	.00014	.098	.00007	.00018	.0600	.00029	.00957
%RSD	42.410	30.259	.32799	68.412	.30499	2.8064	1544.7	13.197

#1	.00034	-.00049	30.061	-.00002	.05887	2.0953	-.00034	.06153
#2	.00081	-.00060	29.919	-.00016	.05889	2.1155	.00022	.07910
#3	.00086	-.00032	29.873	-.00014	.05857	2.2080	.00006	.07688

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70046	2.3705	-.00231	-.00058	.00618	-.0051	.09802	4.6733
Stddev	.00568	.0130	.00038	.00097	.00184	.0005	.00021	.1147
%RSD	.81065	.54657	16.521	168.10	29.813	10.51	.21443	2.4550

#1	.70224	2.3597	-.00271	-.00050	.00473	-.0045	.09781	4.6165
#2	.69410	2.3669	-.00195	.00035	.00825	-.0052	.09802	4.8053
#3	.70503	2.3849	-.00228	-.00158	.00556	-.0056	.09823	4.5980

Sample Name: K2397-18DUP Acquired: 4/16/2019 18:13:50 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-3DUP Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.4097
 Stddev 1.4640
 %RSD 33.199

#1 4.5903
 #2 2.8638
 #3 5.7750

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4903.5	61751.	6129.4	79.000	5011.2
Stddev	9.4	226.	23.7	2.103	9.7
%RSD	.19268	.36637	.38610	2.6625	.19318

#1	4893.5	61558.	6141.6	81.427	5003.6
#2	4904.7	61696.	6102.1	77.874	5008.0
#3	4912.3	62000.	6144.4	77.700	5022.1

Sample Name: CCV07 Acquired: 4/16/2019 18:18:12 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14847 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2298	5.3509	5.1101	5.2339	5.3154	9.7866	9.8952	.26251
Stddev	.0152	.0251	.0069	.0141	.0185	.0549	.0331	.00099
%RSD	.29049	.46932	.13582	.27000	.34798	.56051	.33455	.37745
#1	5.2323	5.3720	5.1107	5.2320	5.3184	9.8450	9.9259	.26146
#2	5.2436	5.3576	5.1167	5.2490	5.3322	9.7362	9.8994	.26265
#3	5.2135	5.3231	5.1028	5.2209	5.2956	9.7787	9.8601	.26343
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5443	24.594	.97630	2.6425	1.2829	5.0080	2.6057	24.854
Stddev	.0052	.100	.00225	.0030	.0034	.0048	.0058	.183
%RSD	.20571	.40651	.23017	.11443	.26189	.09527	.22268	.73728
#1	2.5470	24.481	.97705	2.6454	1.2823	5.0067	2.5994	25.028
#2	2.5477	24.633	.97807	2.6427	1.2865	5.0041	2.6107	24.663
#3	2.5383	24.669	.97377	2.6394	1.2799	5.0133	2.6071	24.872
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5308	1.2682	24.340	2.4098	2.6372	23.952	5.0448	4.9947
Stddev	.0030	.0007	.098	.0032	.0039	.040	.0028	.0334
%RSD	.12002	.05757	.40065	.13065	.14596	.16870	.05561	.66787
#1	2.5341	1.2678	24.437	2.4062	2.6401	23.983	5.0417	5.0281
#2	2.5301	1.2691	24.339	2.4114	2.6387	23.968	5.0473	4.9614
#3	2.5282	1.2679	24.242	2.4118	2.6329	23.906	5.0453	4.9944
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9694	4.5768	4.8936	5.1138	4.5011	5.227	5.0200	F 5.5429
Stddev	.0103	.0226	.0148	.0097	.0146	.024	.0156	.0804
%RSD	.20809	.49352	.30259	.18943	.32412	.4614	.31127	1.4509
#1	4.9797	4.5507	4.9107	5.1089	4.4843	5.251	5.0065	5.4807
#2	4.9695	4.5898	4.8843	5.1077	4.5085	5.227	5.0371	5.6337
#3	4.9591	4.5899	4.8859	5.1250	4.5106	5.203	5.0163	5.5144

Sample Name: CCV07 Acquired: 4/16/2019 18:18:12 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14847 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2400
Stddev	1.8336
%RSD	81.854

#1	3.0995
#2	3.4860
#3	.13460

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4796.1	59947.	6042.0	76.088	4632.0
Stddev	14.7	132.	18.5	.375	15.7
%RSD	.30549	.22080	.30684	.49335	.33895

#1	4788.7	59827.	6063.3	75.958	4621.4
#2	4786.7	60089.	6033.0	76.511	4624.5
#3	4813.0	59924.	6029.7	75.795	4650.0

Sample Name: CCB07 Acquired: 4/16/2019 18:22:10 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14847 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	.00129	-.00069	.00078	-.00160	-.03123	.00096	-.00005
Stddev	.00210	.00150	.00054	.00128	.00119	.00506	.00022	.00003
%RSD	134.93	116.77	77.671	162.64	74.369	16.200	22.357	55.221
#1	-.00053	.00061	-.00027	.00036	-.00023	-.02650	.00109	-.00008
#2	.00152	.00301	-.00129	.00222	-.00218	-.03062	.00109	-.00005
#3	.00367	.00024	-.00051	-.00023	-.00239	-.03656	.00071	-.00002
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00870	-.00018	-.00001	-.00063	.00001	-.00000	-.05031
Stddev	.00003	.00489	.00028	.00020	.00029	.00039	.00002	.00863
%RSD	579.58	56.231	153.70	3319.7	46.308	4035.7	514.97	17.156
#1	-.00002	.00540	.00014	.00020	-.00094	.00034	.00001	-.04124
#2	.00003	.01431	-.00036	-.00003	-.00058	-.00042	.00001	-.05127
#3	-.00003	.00638	-.00032	-.00019	-.00036	.00010	-.00002	-.05842
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00032	-.00001	-.00472	-.00035	-.00032	-.02730	-.00004	-.00370
Stddev	.00048	.00013	.01017	.00033	.00004	.01034	.00009	.00639
%RSD	146.93	1688.1	215.50	93.959	12.194	37.870	210.89	172.83
#1	.00037	-.00000	.00514	-.00010	-.00028	-.03528	-.00004	.00319
#2	-.00017	-.00014	-.01517	-.00022	-.00036	-.03101	.00005	-.00944
#3	.00078	.00012	-.00412	-.00072	-.00032	-.01562	-.00014	-.00484
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	-.00022	-.00173	.00002	-.00578	-.0077	-.00000	F 4.4751
Stddev	.00218	.00049	.00025	.00130	.00119	.0015	.00006	.1205
%RSD	392.64	224.51	14.413	7952.8	20.668	19.35	2325.1	2.6925
#1	-.00195	-.00033	-.00159	.00141	-.00694	-.0066	-.00003	4.6106
#2	.00196	.00032	-.00157	-.00022	-.00584	-.0094	.00006	4.4347
#3	-.00167	-.00063	-.00201	-.00115	-.00456	-.0072	-.00004	4.3800

Sample Name: CCB07 Acquired: 4/16/2019 18:22:10 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14847 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4752
Stddev	1.9481
%RSD	78.704

#1	1.3709
#2	1.3302
#3	4.7245

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5038.8	63292.	6123.3	79.955	5310.5
Stddev	10.2	67.	13.9	.498	4.4
%RSD	.20251	.10647	.22746	.62292	.08283

#1	5028.4	63215.	6129.6	79.739	5307.9
#2	5039.2	63324.	6107.3	79.602	5308.0
#3	5048.8	63337.	6132.9	80.525	5315.6

Sample Name: K2397-18LX5 Acquired: 4/16/2019 18:26:38 Type: Unk
Method: P4-ICP2(v3052) 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	.00047	-.00080	.00017	.00080	-.00063	-.03063	.02372	.00000
Stddev	.00180	.00108	.00025	.00055	.00173	.00298	.00047	.00007
%RSD	382.74	135.95	153.89	68.903	275.31	9.7236	1.9820	1736.4

#1	-.00076	.00009	-.00005	.00119	-.00132	-.02762	.02403	.00005
#2	.00254	-.00200	.00044	.00017	.00134	-.03070	.02395	-.00007
#3	-.00037	-.00048	.00011	.00103	-.00190	-.03358	.02318	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	3.8264	-.00025	.00028	-.00023	.19146	.02938	.95143
Stddev	.00004	.0059	.00030	.00004	.00046	.00090	.00003	.04478
%RSD	472.85	.15330	121.11	12.732	200.08	.46843	.11300	4.7063

#1	-.00001	3.8276	-.00040	.00029	.00030	.19052	.02934	.95510
#2	-.00005	3.8200	-.00046	.00031	-.00057	.19155	.02940	.99426
#3	.00003	3.8315	.00010	.00024	-.00042	.19231	.02939	.90493

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	.00012	6.0058	-.00049	.01160	.39722	-.00014	.01603
Stddev	.00019	.00078	.0209	.00040	.00004	.02204	.00014	.00276
%RSD	78.745	660.04	.34713	82.225	.32771	5.5497	98.594	17.196

#1	.00002	-.00059	6.0054	-.00063	.01164	.38349	-.00024	.01579
#2	.00033	.00095	6.0268	-.00079	.01157	.42265	-.00019	.01340
#3	.00038	-.00001	5.9851	-.00003	.01158	.38552	.00002	.01890

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13702	.49819	-.00251	-.00019	-.00330	-.0061	.02000	4.2819
Stddev	.00233	.00523	.00042	.00087	.00062	.0013	.00005	.1612
%RSD	1.7013	1.0500	16.630	451.05	18.682	21.25	.26750	3.7641

#1	.13481	.50418	-.00246	.00082	-.00259	-.0047	.02005	4.1825
#2	.13680	.49453	-.00296	-.00070	-.00371	-.0065	.01995	4.1953
#3	.13946	.49586	-.00213	-.00069	-.00360	-.0072	.02001	4.4679

Sample Name: K2397-18LX5 Acquired: 4/16/2019 18:26:38 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.9159
Stddev 1.5941
%RSD 54.671

#1 1.4316
#2 2.7152
#3 4.6008

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5010.3	62918.	6128.2	79.246	5224.7
Stddev	9.2	166.	30.9	1.327	10.3
%RSD	.18339	.26406	.50396	1.6743	.19760

#1	5001.3	62743.	6092.7	77.963	5213.4
#2	5009.9	62939.	6149.2	79.164	5226.9
#3	5019.6	63073.	6142.7	80.612	5233.7

Sample Name: K2397-18MS Acquired: 4/16/2019 18:31:05 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3MS 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	.78423	2.0314	.97093	1.9869	.80805	1.8696	.31016	.19846	.19241
Stddev	.00400	.0034	.00485	.0026	.00242	.0154	.00125	.00032	.00007
%RSD	.51037	.16828	.49957	.13269	.29913	.82590	.40333	.16125	.03794

#1	.78624	2.0330	.97556	1.9874	.80774	1.8666	.31109	.19822	.19249
#2	.77962	2.0338	.96588	1.9840	.80580	1.8863	.31066	.19882	.19238
#3	.78682	2.0275	.97134	1.9892	.81061	1.8559	.30874	.19835	.19235

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.507	.39523	.20790	.30942	3.9589	.35341	6.7530	.49423	.06926
Stddev	.148	.00031	.00027	.00114	.0111	.00093	.0337	.00141	.00086
%RSD	.72351	.07901	.12770	.36950	.28060	.26330	.49932	.28457	1.2357

#1	20.345	.39499	.20821	.31056	3.9463	.35234	6.7817	.49523	.06841
#2	20.540	.39558	.20775	.30827	3.9636	.35400	6.7615	.49262	.06923
#3	20.636	.39513	.20775	.30942	3.9670	.35389	6.7159	.49484	.07012

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	33.359	.29576	.26027	11.422	.40858	.38963	.72245	3.2508	.65233
Stddev	.088	.00069	.00048	.063	.00094	.01098	.00223	.0157	.00132
%RSD	.26470	.23276	.18341	.55360	.23100	2.8193	.30810	.48353	.20197

#1	33.389	.29604	.26050	11.398	.40944	.38952	.72342	3.2342	.65383
#2	33.428	.29626	.25972	11.493	.40757	.37870	.72404	3.2654	.65177
#3	33.260	.29497	.26058	11.373	.40874	.40067	.71991	3.2528	.65138

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20417	.18322	5.618	.29378	5.1643	.66055
Stddev	.00120	.00205	.014	.00055	.1119	2.3869
%RSD	.58637	1.1187	.2515	.18695	2.1667	361.36

#1	.20330	.18163	5.633	.29316	5.0414	3.4103
#2	.20553	.18249	5.617	.29396	5.2603	-.55106
#3	.20367	.18553	5.605	.29422	5.1912	-.87759

Sample Name: K2397-18MS Acquired: 4/16/2019 18:31:05 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3MS 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	4835.5	61249.	6012.0	76.467	4870.8
Stddev	4.0	275.	8.6	.354	8.4
%RSD	.08360	.44956	.14340	.46319	.17262
#1	4830.8	61047.	6021.8	76.301	4871.5
#2	4837.7	61139.	6005.7	76.227	4862.0
#3	4837.9	61563.	6008.4	76.874	4878.8

Sample Name: K2397-18MSD Acquired: 4/16/2019 18:35:11 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3MSD 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	.78214	2.0275	.96364	1.9830	.80120	1.8652	.30919	.19913	.19100
Stddev	.00295	.0123	.00227	.0063	.00323	.0245	.00109	.00021	.00029
%RSD	.37679	.60423	.23506	.32013	.40271	1.3163	.35138	.10418	.15173

#1	.77875	2.0162	.96448	1.9793	.80261	1.8380	.30899	.19932	.19085
#2	.78368	2.0406	.96537	1.9904	.79751	1.8858	.31036	.19916	.19133
#3	.78401	2.0258	.96108	1.9794	.80348	1.8718	.30822	.19891	.19081

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.617	.39529	.20682	.30720	3.9717	.35585	6.8252	.49171	.06878
Stddev	.251	.00028	.00056	.00072	.0102	.00068	.0937	.00069	.00082
%RSD	1.2154	.07154	.26989	.23314	.25578	.18999	1.3727	.13984	1.1865

#1	20.341	.39502	.20620	.30686	3.9600	.35507	6.7188	.49132	.06819
#2	20.681	.39526	.20728	.30802	3.9772	.35623	6.8616	.49250	.06845
#3	20.829	.39559	.20697	.30671	3.9779	.35624	6.8952	.49130	.06971

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	33.574	.29646	.25938	11.405	.40664	.38535	.72622	3.2497	.65434
Stddev	.116	.00092	.00004	.027	.00020	.01299	.00982	.0332	.00148
%RSD	.34656	.31098	.01488	.23825	.05026	3.3703	1.3518	1.0218	.22641

#1	33.444	.29556	.25941	11.389	.40680	.39052	.71602	3.2204	.65270
#2	33.670	.29740	.25939	11.436	.40671	.39496	.73561	3.2431	.65559
#3	33.607	.29642	.25933	11.389	.40641	.37058	.72703	3.2858	.65473

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20189	.18157	5.599	.29287	5.4471	1.5615
Stddev	.00030	.00057	.025	.00139	.0944	.2862
%RSD	.14768	.31183	.4524	.47614	1.7323	18.326

#1	.20164	.18191	5.575	.29229	5.4935	1.8845
#2	.20222	.18091	5.625	.29186	5.5092	1.3397
#3	.20180	.18188	5.597	.29447	5.3385	1.4602

Sample Name: K2397-18MSD Acquired: 4/16/2019 18:35:11 Type: Unk
Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-3MSD 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	4847.9	61354.	6044.6	78.304	4878.9
Stddev	18.5	201.	14.0	2.538	12.2
%RSD	.38062	.32695	.23207	3.2415	.25032
#1	4827.6	61315.	6036.9	81.120	4865.9
#2	4852.4	61175.	6060.7	76.193	4880.7
#3	4863.7	61571.	6036.0	77.598	4890.1

Sample Name: K2397-18A Acquired: 4/16/2019 18:39:16 Type: Unk
Method: P4-ICP2(v3052) 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	.78418	2.0334	.96832	1.9929	.80376	1.8582	.31254	.19938	.19188
Stddev	.00201	.0011	.00338	.0056	.00081	.0226	.00245	.00035	.00009
%RSD	.25683	.05442	.34867	.28063	.10131	1.2175	.78459	.17466	.04788
#1	.78378	2.0323	.96721	1.9934	.80356	1.8535	.31058	.19903	.19199
#2	.78636	2.0336	.97211	1.9983	.80465	1.8828	.31529	.19937	.19186
#3	.78239	2.0345	.96564	1.9871	.80306	1.8383	.31175	.19973	.19181
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.740	.39726	.20724	.30908	3.9791	.35661	6.7798	.49245	.06912
Stddev	.115	.00111	.00012	.00085	.0086	.00065	.0955	.00056	.00034
%RSD	.55407	.27849	.05625	.27449	.21634	.18276	1.4088	.11457	.49589
#1	20.624	.39680	.20716	.30948	3.9697	.35587	6.7095	.49250	.06949
#2	20.742	.39852	.20718	.30811	3.9811	.35683	6.8886	.49299	.06882
#3	20.854	.39645	.20737	.30966	3.9866	.35712	6.7414	.49186	.06904
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	33.760	.29652	.26008	11.467	.40889	.37685	.72177	3.2803	.65345
Stddev	.207	.00227	.00013	.129	.00052	.01261	.00431	.0331	.00382
%RSD	.61188	.76641	.04852	1.1273	.12751	3.3463	.59733	1.0089	.58389
#1	33.584	.29396	.25993	11.346	.40938	.38930	.72655	3.2594	.65693
#2	33.988	.29828	.26016	11.603	.40894	.37719	.72058	3.2631	.65405
#3	33.709	.29734	.26014	11.452	.40834	.36408	.71817	3.3185	.64937
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.20396	.18343	5.627	.29610	5.3648	1.1150			
Stddev	.00250	.00108	.013	.00266	.0510	.5396			
%RSD	1.2272	.59121	.2364	.89808	.95030	48.390			
#1	.20108	.18273	5.642	.29323	5.3485	1.3651			
#2	.20520	.18287	5.621	.29659	5.4219	1.4843			
#3	.20560	.18467	5.617	.29848	5.3239	.49581			

Sample Name: K2397-18A Acquired: 4/16/2019 18:39:16 Type: Unk
Method: P4-ICP2(v3052) 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	4826.9	61283.	6006.5	77.282	4862.1
Stddev	11.9	174.	34.7	.977	12.3
%RSD	.24712	.28356	.57786	1.2647	.25319
#1	4817.1	61274.	6027.8	76.405	4853.2
#2	4823.6	61114.	6025.3	78.336	4856.9
#3	4840.2	61461.	5966.5	77.106	4876.1

Sample Name: CCV08 Acquired: 4/16/2019 18:43:20 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8134 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1692	5.3250	5.0810	5.1854	5.2696	9.6582	9.7916	.26093
Stddev	.0057	.0152	.0055	.0181	.0100	.0433	.0302	.00066
%RSD	.11041	.28533	.10742	.34813	.18991	.44830	.30793	.25328
#1	5.1669	5.3232	5.0755	5.1646	5.2690	9.7033	9.8243	.26093
#2	5.1649	5.3410	5.0864	5.1942	5.2599	9.6544	9.7857	.26027
#3	5.1757	5.3107	5.0813	5.1974	5.2799	9.6170	9.7649	.26159
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5261	24.505	.97214	2.6281	1.2675	4.9818	2.5970	24.719
Stddev	.0048	.120	.00348	.0036	.0021	.0088	.0020	.120
%RSD	.19172	.48839	.35788	.13545	.16162	.17644	.07673	.48366
#1	2.5221	24.379	.97560	2.6250	1.2656	4.9757	2.5993	24.657
#2	2.5248	24.617	.96864	2.6273	1.2671	4.9919	2.5960	24.856
#3	2.5315	24.519	.97217	2.6319	1.2697	4.9778	2.5957	24.642
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5156	1.2585	24.084	2.3974	2.6214	23.803	5.0115	4.9627
Stddev	.0040	.0034	.047	.0004	.0041	.080	.0049	.0324
%RSD	.15845	.26663	.19538	.01721	.15535	.33808	.09751	.65285
#1	2.5112	1.2616	24.134	2.3979	2.6169	23.895	5.0076	4.9957
#2	2.5189	1.2549	24.077	2.3972	2.6225	23.749	5.0170	4.9614
#3	2.5166	1.2591	24.041	2.3972	2.6248	23.764	5.0100	4.9310
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9370	4.5621	4.8679	5.0778	F 4.4462	5.176	4.9804	F 5.6754
Stddev	.0186	.0256	.0131	.0226	.0174	.015	.0121	.0746
%RSD	.37684	.56170	.26831	.44562	.39027	.2903	.24348	1.3145
#1	4.9376	4.5475	4.8533	5.0524	4.4442	5.159	4.9778	5.5932
#2	4.9552	4.5470	4.8783	5.0852	4.4300	5.188	4.9697	5.7389
#3	4.9180	4.5917	4.8722	5.0958	4.4645	5.181	4.9936	5.6940

Sample Name: CCV08 Acquired: 4/16/2019 18:43:20 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8134 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 6.7415
Stddev	1.5075
%RSD	22.361

#1	6.1796
#2	8.4492
#3	5.5957

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4838.7	60473.	6079.6	77.333	4669.4
Stddev	4.0	291.	40.9	2.203	3.5
%RSD	.08269	.48102	.67337	2.8493	.07492

#1	4838.0	60241.	6090.9	76.057	4673.3
#2	4843.0	60799.	6113.8	76.064	4668.4
#3	4835.1	60378.	6034.2	79.877	4666.5

Sample Name: CCB08 Acquired: 4/16/2019 18:47:18 Type: Unk
Method: P4-ICP2(v3052) 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	.00068	-.00042	-.00042	-.00079	-.03105	.00100	-.00003
Stddev	.00229	.00034	.00110	.00214	.00053	.00399	.00050	.00004
%RSD	186.31	49.513	259.29	512.52	67.844	12.865	49.451	141.66
#1	.00228	.00082	-.00004	.00131	-.00037	-.02679	.00150	-.00008
#2	.00281	.00093	.00043	.00026	-.00139	-.03471	.00100	-.00001
#3	-.00140	.00030	-.00167	-.00282	-.00060	-.03164	.00051	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.01190	-.00020	.00005	-.00052	-.00044	-.00006	-.00402
Stddev	.00007	.00172	.00045	.00009	.00002	.00029	.00004	.03556
%RSD	322.64	14.473	219.60	181.34	4.5921	66.340	57.168	884.59
#1	-.00000	.01345	.00013	-.00005	-.00054	-.00014	-.00006	.03467
#2	-.00004	.01220	-.00002	.00014	-.00052	-.00073	-.00010	-.01146
#3	.00010	.01005	-.00072	.00007	-.00049	-.00046	-.00003	-.03527
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.00001	-.05251	-.00062	-.00036	-.01455	.00009	-.00571
Stddev	.00042	.00044	.00047	.00050	.00001	.01990	.00016	.01763
%RSD	120.98	4229.8	.88743	79.686	3.3416	136.81	184.76	308.84
#1	.00075	.00005	-.05252	-.00065	-.00034	.00278	.00026	.01447
#2	-.00008	.00043	-.05297	-.00012	-.00036	-.01013	.00004	-.01348
#3	.00037	-.00045	-.05204	-.00111	-.00037	-.03629	-.00004	-.01812
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00341	-.00078	-.00158	-.00010	-.00516	-.0076	.00004	F 4.6571
Stddev	.00171	.00074	.00037	.00011	.00160	.0013	.00005	.0086
%RSD	49.955	93.974	23.282	102.06	30.942	17.17	126.28	.18482
#1	-.00180	-.00151	-.00138	-.00023	-.00379	-.0064	.00010	4.6635
#2	-.00519	-.00080	-.00135	-.00004	-.00691	-.0074	.00004	4.6604
#3	-.00325	-.00004	-.00200	-.00005	-.00478	-.0089	-.00001	4.6473

Sample Name: CCB08 Acquired: 4/16/2019 18:47:18 Type: Unk
 Method: P4-ICP2(v3052) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 4.4214
Stddev	1.9408
%RSD	43.896

#1	2.2189
#2	5.1640
#3	5.8812

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5058.6	63320.	6138.2	80.786	5334.0
Stddev	6.6	20.	19.8	.535	5.4
%RSD	.13060	.03089	.32197	.66184	.10031

#1	5050.9	63298.	6118.1	80.757	5331.4
#2	5062.6	63326.	6157.6	81.334	5340.2
#3	5062.1	63336.	6138.8	80.266	5330.4