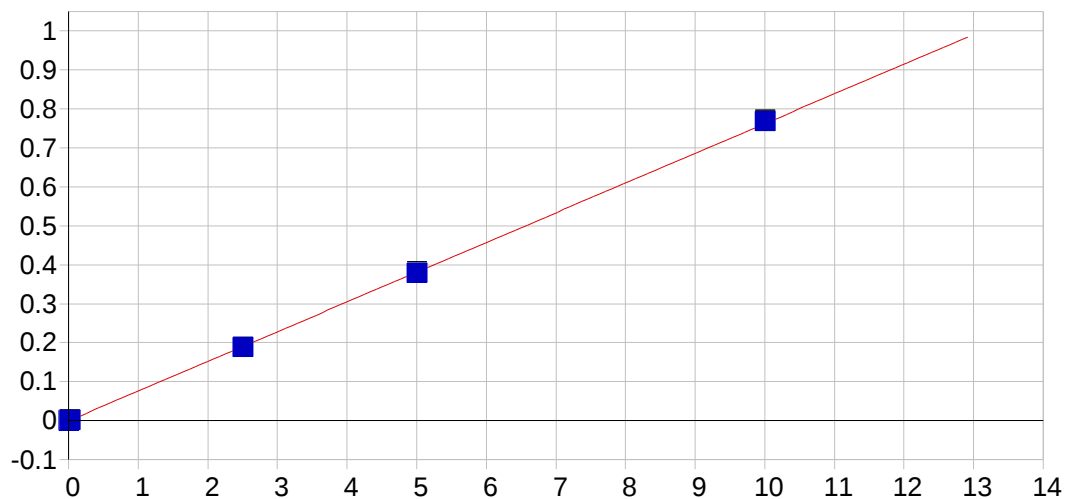


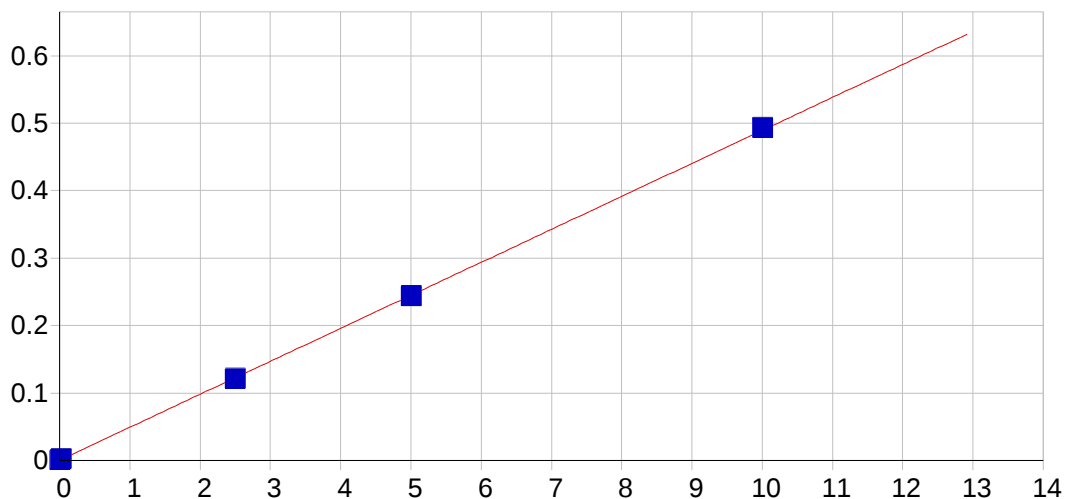


As 189.042 {478}

Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000767 Re-Slope: 1.000000
 A1 (Gain): 0.076310 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.002861
 Predicted MQL: 0.009536

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00077	.000	1
S1	.02000	.02090	.001	4.50	.00083	.000	1
S3	2.5000	2.4577	-.042	-1.69	.18677	.001	1
S4	5.0000	4.9663	-.034	-.675	.37818	.003	1
S5	10.000	10.075	.075	.751	.76801	.002	1



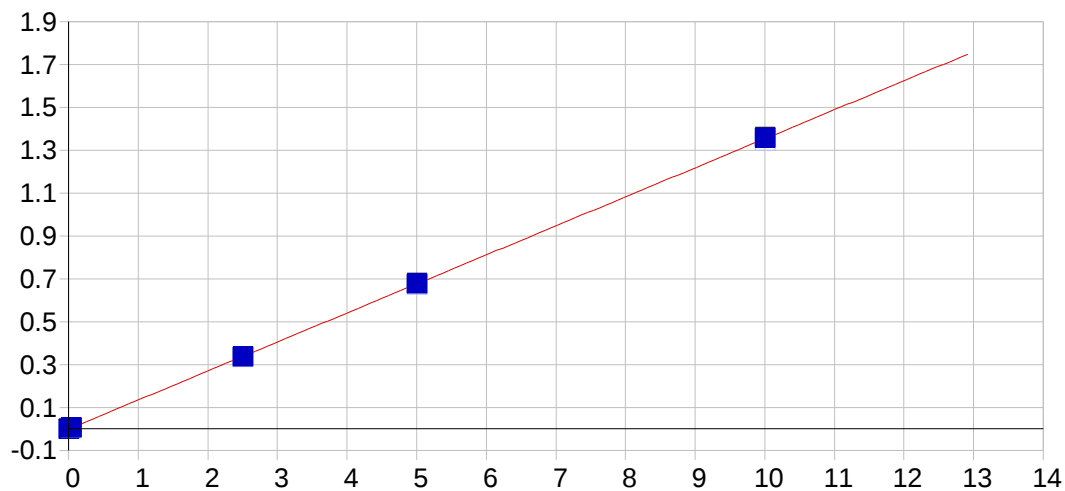
As 189.042 {479}

Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000350 Re-Slope: 1.000000

A1 (Gain): 0.048890 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.002768
 Predicted MQL: 0.009226

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00035	.000	1
S1	.02000	.02197	.002	9.87	.00142	.000	1
S3	2.5000	2.4668	-.033	-1.33	.12095	.000	1
S4	5.0000	4.9600	-.040	-.801	.24285	.001	1
S5	10.000	10.071	.071	.713	.49274	.001	1

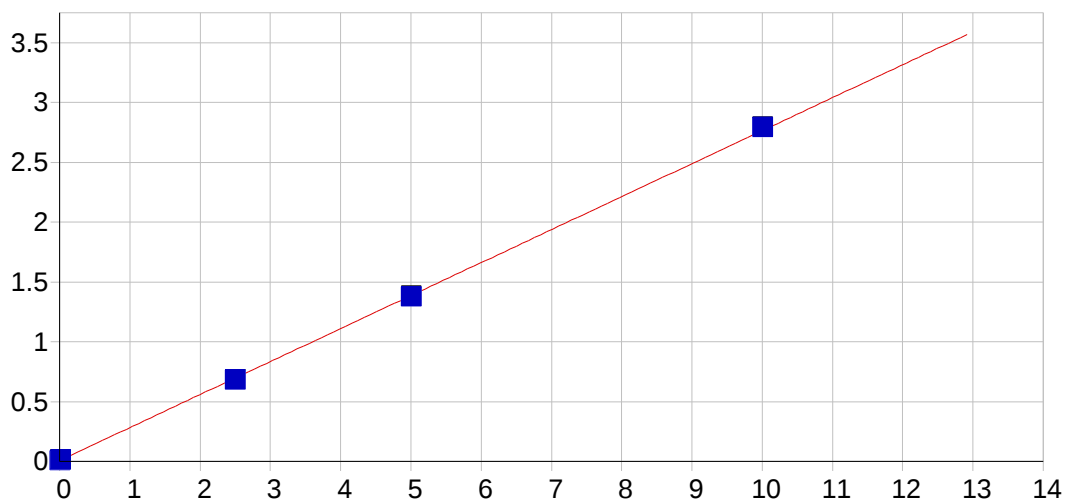


TI 190.856 {477}

Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000167 Re-Slope: 1.000000
 A1 (Gain): 0.135401 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.001267
 Predicted MQL: 0.004224

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.04000	.04199	.002	4.98	.00538	.000	1
S3	2.5000	2.4882	-.012	-.473	.33326	.000	1
S4	5.0000	4.9931	-.007	-.139	.66895	.002	1
S5	10.000	10.017	.017	.168	1.3422	.003	1

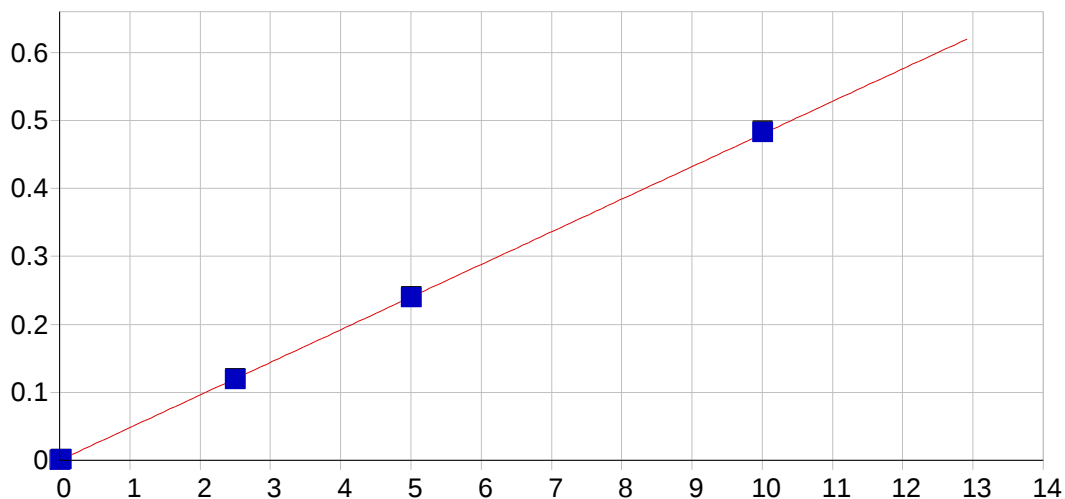


Pb 220.353 {453}

Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007200 Re-Slope: 1.000000
 A1 (Gain): 0.275708 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000062
 Predicted MDL: 0.000994
 Predicted MQL: 0.003315

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00720	.000	1
S1	.01200	.01271	.001	5.92	.01065	.000	1
S3	2.5000	2.4407	-.059	-2.37	.67924	.002	1
S4	5.0000	4.9655	-.034	-.690	1.3745	.006	1
S5	10.000	10.093	.093	.931	2.7865	.005	1



Se 196.090 {472}

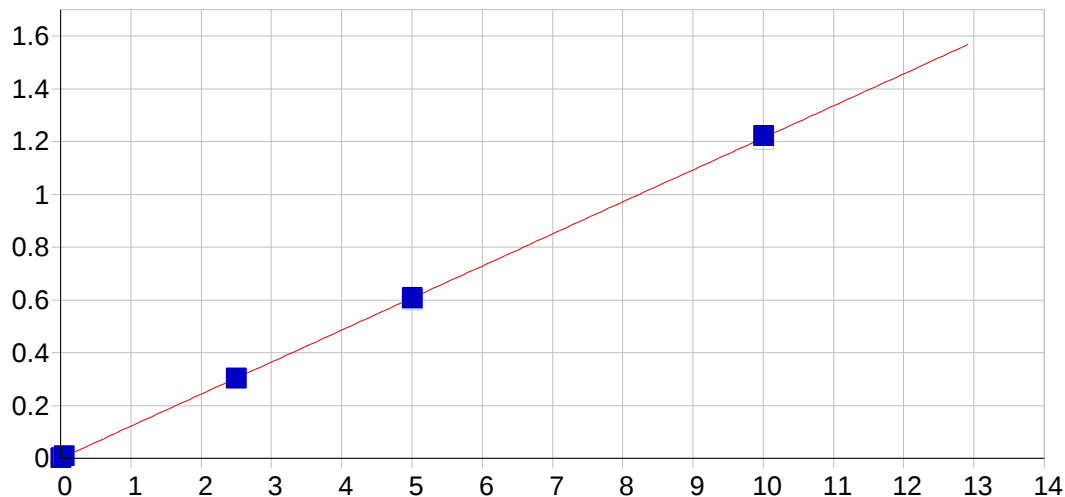
Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000130 Re-Slope: 1.000000
 A1 (Gain): 0.047988 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980
 Std Error of Est: 0.000007
 Predicted MDL: 0.003659
 Predicted MQL: 0.012195

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.02000	.01965	-.000	-1.75	.00107	.000	1
S3	2.5000	2.4722	-.028	-1.11	.11870	.000	1
S4	5.0000	4.9767	-.023	-.465	.23883	.001	1
S5	10.000	10.051	.051	.514	.48222	.001	1



Sb 206.833 {463}

Date of Fit: 3/21/2019 18:09:36

Type of Fit: Linear

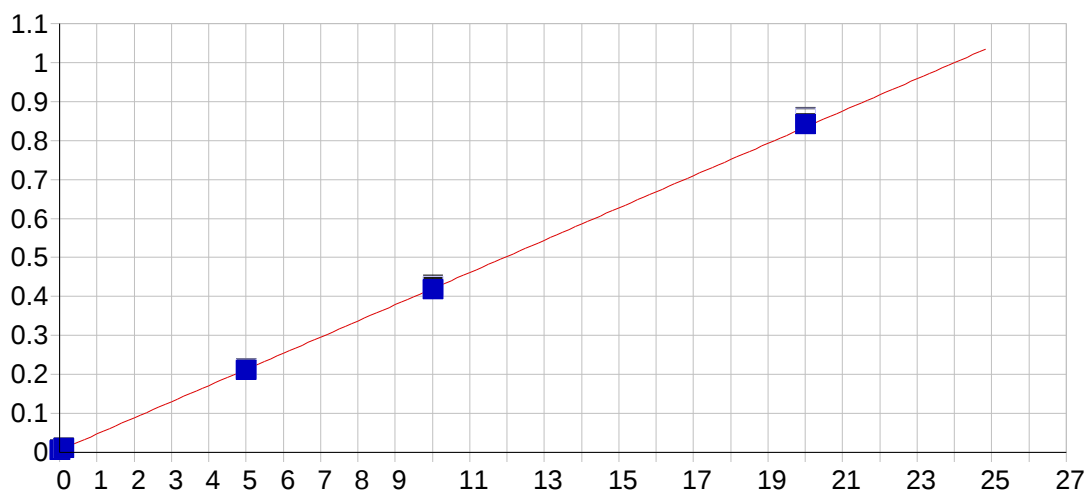
Weighting: 1/Conc

A0 (Offset): 0.000284
 A1 (Gain): 0.121398
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977
 Std Error of Est: 0.000031
 Predicted MDL: 0.002010
 Predicted MQL: 0.006700

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	.00028	.000	1
S1	.05000	.05348	.003	6.96	.00662	.000	1
S3	2.5000	2.4755	-.025	-.980	.29739	.001	1
S4	5.0000	4.9758	-.024	-.483	.59752	.004	1
S5	10.000	10.045	.045	.452	1.2061	.003	1

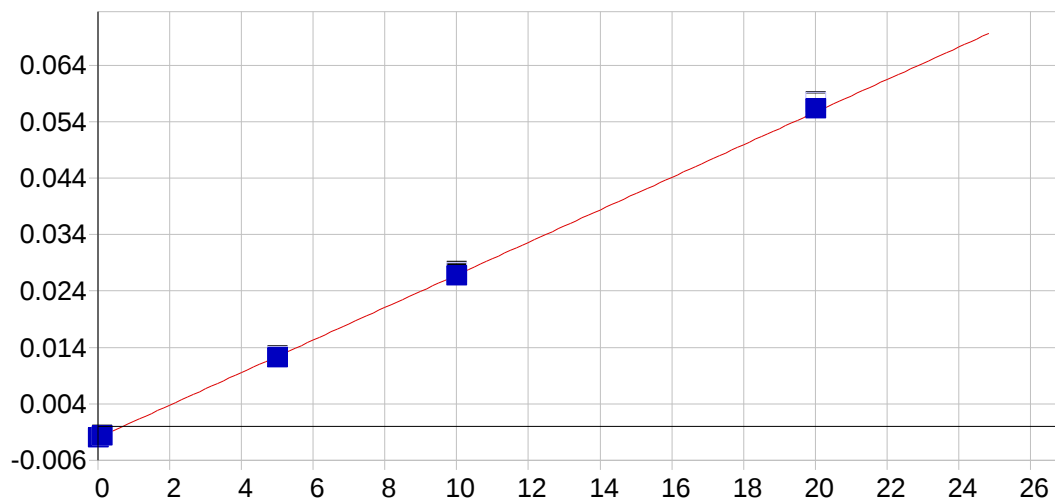


AI 308.215 {109}

Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005678 Re-Slope: 1.000000
 A1 (Gain): 0.041426 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999951 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.003014
 Predicted MQL: 0.010047

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00568	.000	1
S1	.10000	.10804	.008	8.04	.01044	.000	1
S3	5.0000	4.9175	-.083	-1.65	.21351	.001	1
S4	10.000	9.9295	-.071	-.705	.42526	.003	1
S5	20.000	20.145	.145	.723	.85668	.001	1



AI 309.271 {109}

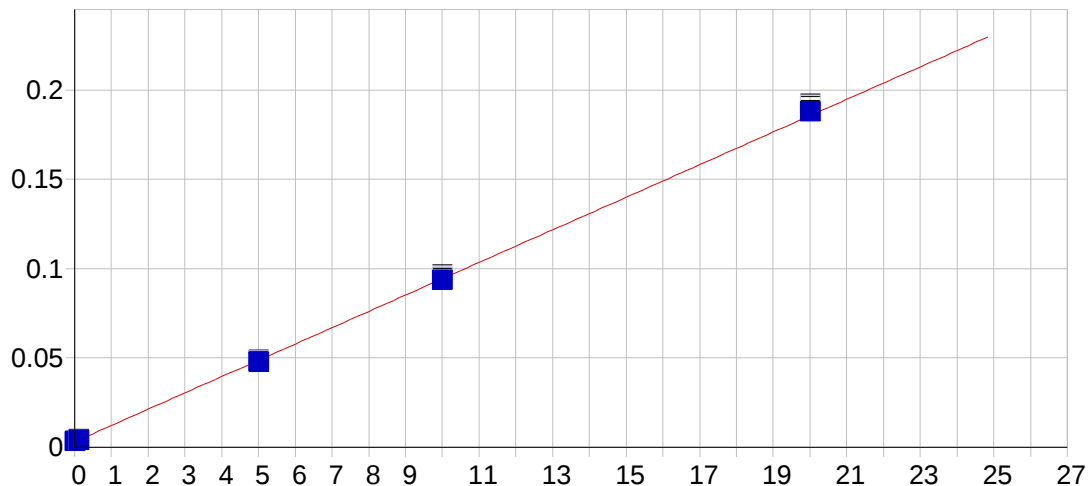
Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001995 Re-Slope: 1.000000
 A1 (Gain): 0.002884 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941
 Std Error of Est: 0.000002
 Predicted MDL: 0.039776
 Predicted MQL: 0.132586

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00200	.000	1
S1	.10000	.09808	-.002	-1.92	-.00169	.000	1
S3	5.0000	4.9004	-.100	-1.99	.01242	.000	1
S4	10.000	9.9201	-.080	-.799	.02719	.000	1
S5	20.000	20.182	.182	.908	.05736	.000	1



AI 396.152 { 85}

Date of Fit: 3/21/2019 18:09:36

Type of Fit: Linear

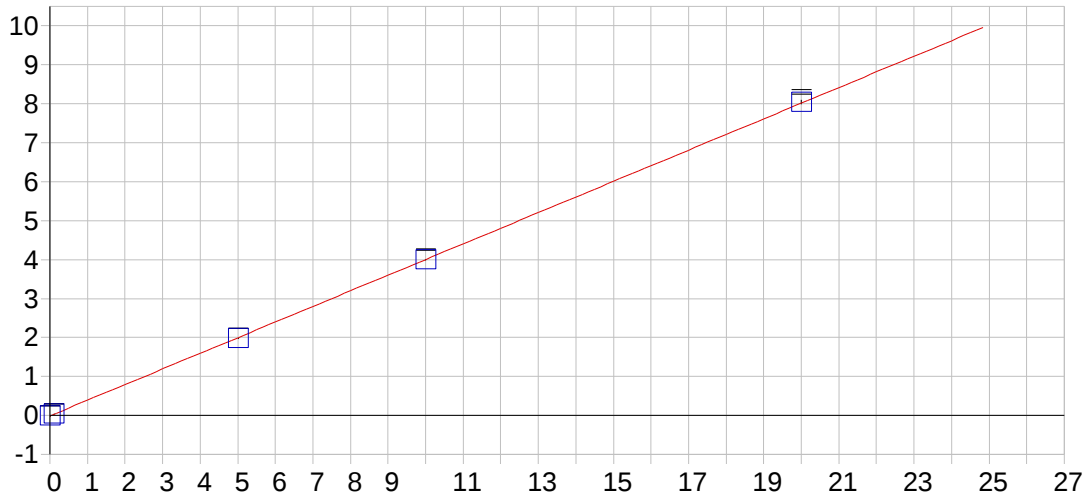
Weighting: 1/Conc

A0 (Offset): 0.003084
 A1 (Gain): 0.009124
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915
 Std Error of Est: 0.000009
 Predicted MDL: 0.017389
 Predicted MQL: 0.057962

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00308	.000	1
S1	.10000	.09678	-.003	-3.22	.00403	.000	1
S3	5.0000	4.8795	-.121	-2.41	.04851	.000	1
S4	10.000	9.9082	-.092	-.918	.09530	.001	1
S5	20.000	20.216	.216	1.08	.19117	.001	1

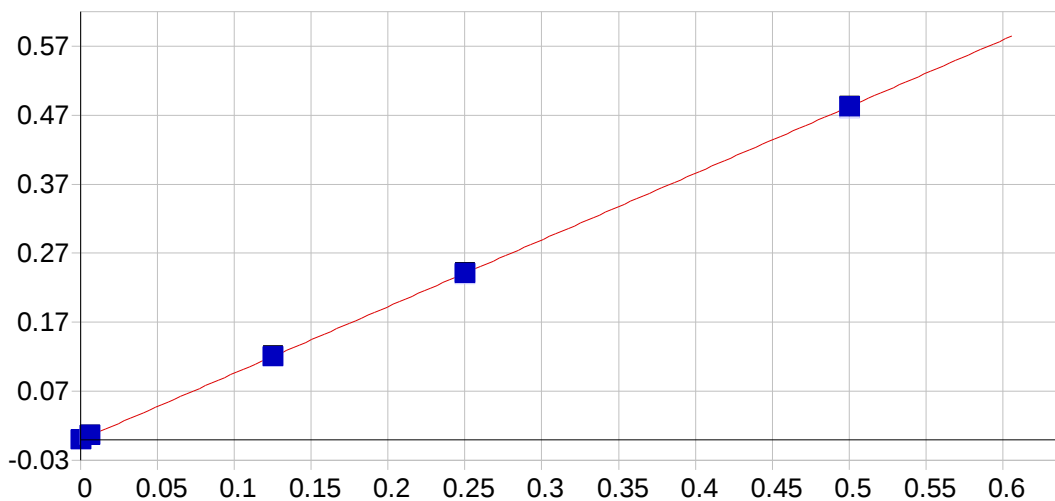


Ba 493.409 { 68}

Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.010671 Re-Slope: 1.000000
 A1 (Gain): 0.401299 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999984 Status: OK.
 Std Error of Est: 0.000173
 Predicted MDL: 0.000937
 Predicted MQL: 0.003124

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01067	.000	1
S1	.10000	.10408	.004	4.08	.03110	.000	1
S3	5.0000	4.9388	-.061	-1.22	1.9713	.002	1
S5	20.000	20.062	.062	.312	8.0403	.057	1
S4	10.000	9.9947	-.005	-.053	4.0002	.017	1



Be 234.861 {144}

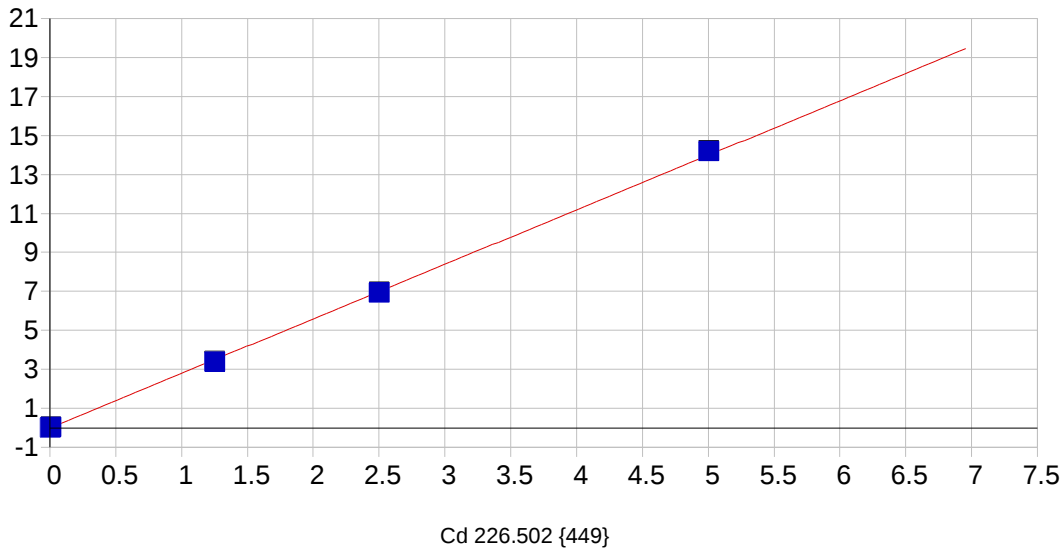
Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000454 Re-Slope: 1.000000
 A1 (Gain): 0.965691 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980
 Std Error of Est: 0.000018
 Predicted MDL: 0.000087
 Predicted MQL: 0.000289

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00045	.000	1
S1	.00600	.00645	.000	7.58	.00572	.000	1
S3	.12500	.12510	.000	.082	.11960	.000	1
S4	.25000	.24967	-.000	-.130	.23914	.001	1
S5	.50000	.49977	-.000	-.046	.47913	.000	1



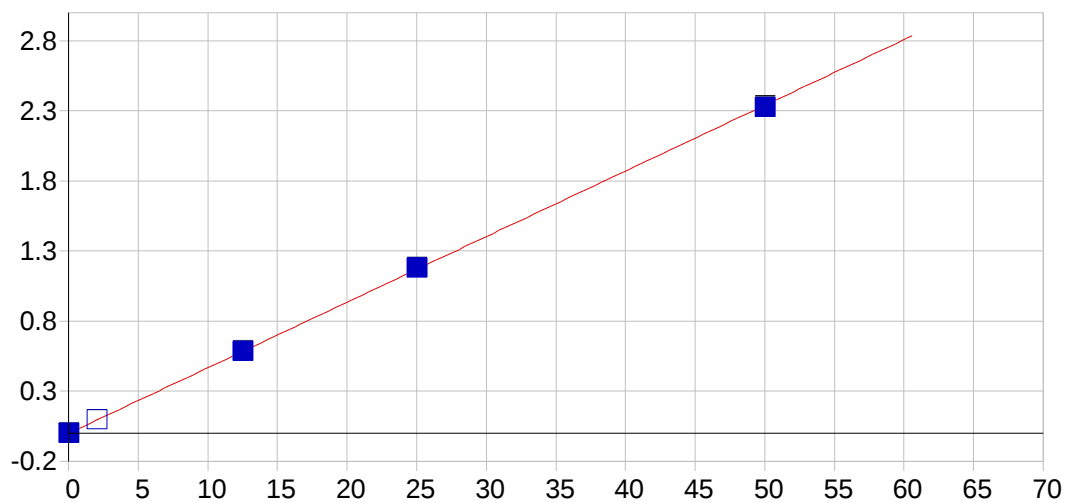
Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004765
 A1 (Gain): 2.796901
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869
 Std Error of Est: 0.000424
 Predicted MDL: 0.000109
 Predicted MQL: 0.000364

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	-.00476	.000	1
S1	.00600	.00575	-.000	-4.10	.01136	.000	1
S3	1.2500	1.2106	-.039	-3.15	3.3819	.004	1
S4	2.5000	2.4758	-.024	-.967	6.9215	.016	1
S5	5.0000	5.0638	.064	1.28	14.161	.029	1

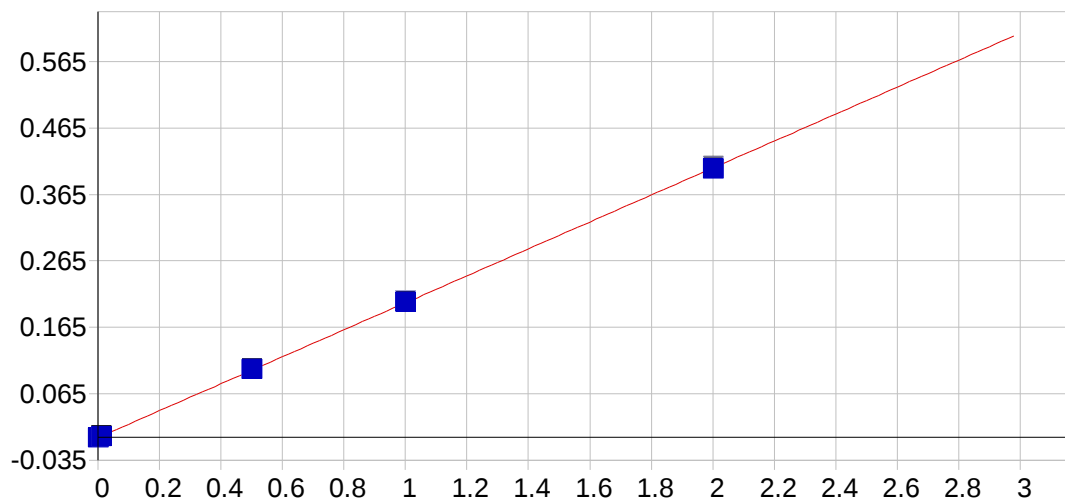


Ca 373.690 { 90}

Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000724 Re-Slope: 1.000000
 A1 (Gain): 0.046805 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961 Status: OK.
 Std Error of Est: 0.000224
 Predicted MDL: 0.021732
 Predicted MQL: 0.072440

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0775	.077	3.87	.09651	.001	1
S0	.00000	-.00009	-.000	.000	-.00073	.001	1
S3	12.500	12.531	.031	.249	.58611	.002	1
S4	25.000	25.211	.211	.844	1.1799	.001	1
S5	50.000	49.680	-.320	-.639	2.3258	.007	1



Cr 267.716 {126}

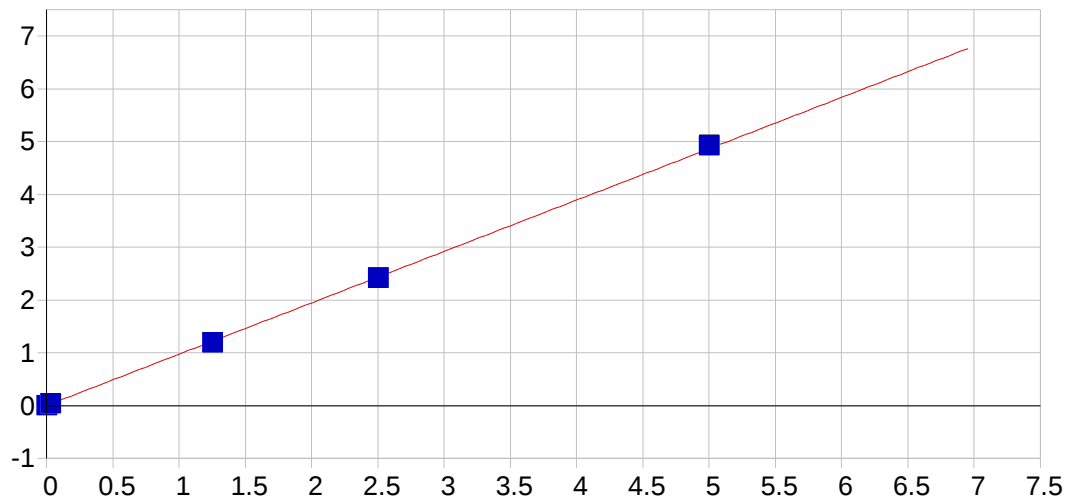
Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000935 Re-Slope: 1.000000
 A1 (Gain): 0.202857 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999987
 Std Error of Est: 0.000008
 Predicted MDL: 0.000541
 Predicted MQL: 0.001805

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00093	.000	1
S1	.01000	.00988	-.000	-1.24	.00108	.000	1
S3	.50000	.50412	.004	.824	.10213	.000	1
S4	1.0000	1.0045	.004	.446	.20442	.000	1
S5	2.0000	1.9915	-.008	-.423	.40625	.001	1



Co 228.616 {447}

Date of Fit: 3/21/2019 18:09:36

Type of Fit: Linear

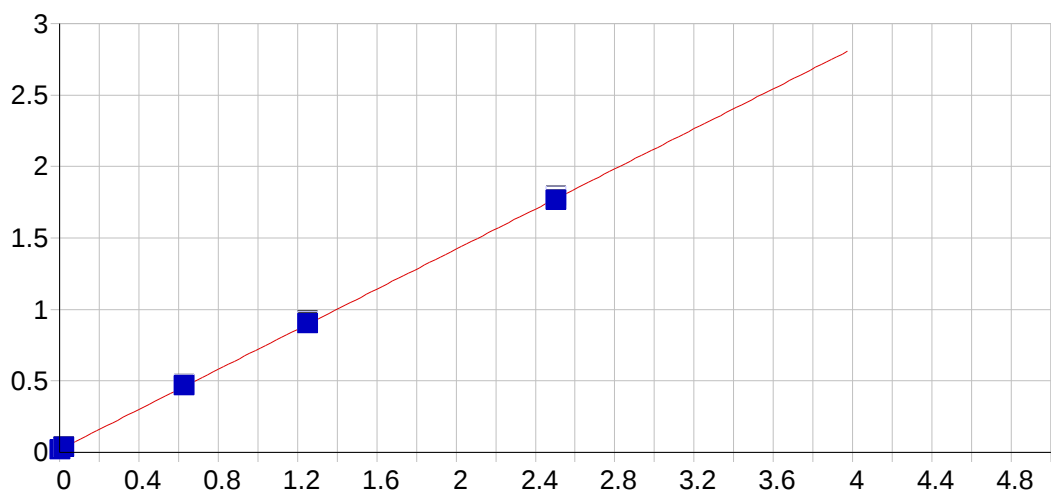
Weighting: 1/Conc

A0 (Offset): -0.000634
 A1 (Gain): 0.973147
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904
 Std Error of Est: 0.000282
 Predicted MDL: 0.000262
 Predicted MQL: 0.000875

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	-.00063	.000	1
S1	.03000	.02949	-.001	-1.70	.02787	.000	1
S3	1.2500	1.2181	-.032	-2.56	1.1857	.002	1
S4	2.5000	2.4762	-.024	-.954	2.4109	.004	1
S5	5.0000	5.0563	.056	1.13	4.9237	.007	1

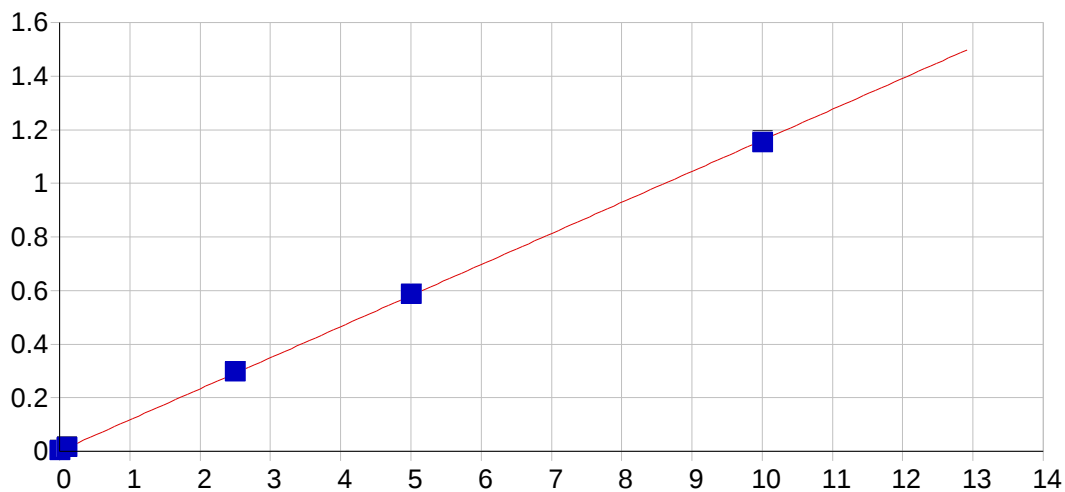


Cu 224.700 {450}

Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.019938 Re-Slope: 1.000000
 A1 (Gain): 0.701114 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000082
 Predicted MDL: 0.000450
 Predicted MQL: 0.001501

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01994	.000	1
S1	.02000	.02167	.002	8.35	.03535	.000	1
S3	.62500	.63568	.011	1.71	.47270	.002	1
S4	1.2500	1.2524	.002	.190	.91216	.004	1
S5	2.5000	2.4853	-.015	-.589	1.7907	.002	1



Fe 240.488 {140}

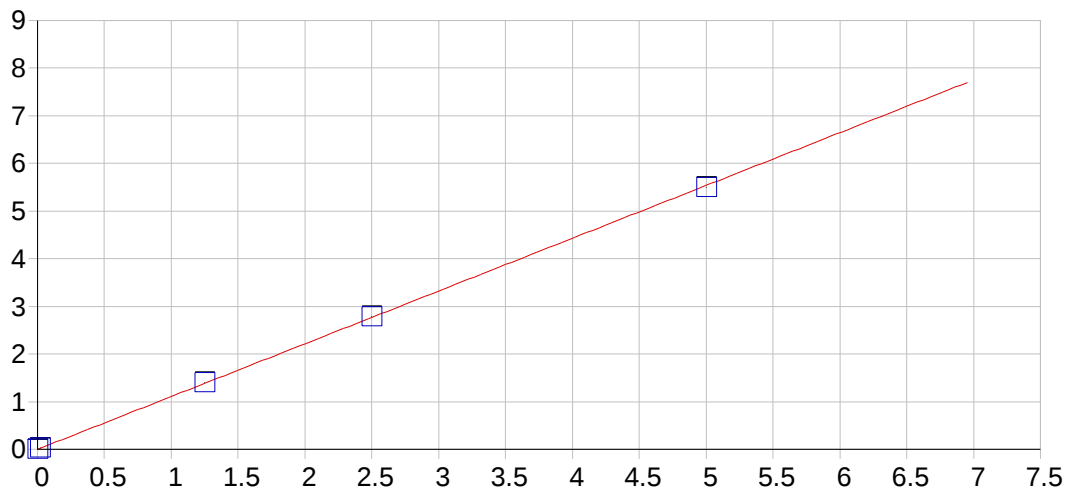
Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001722 Re-Slope: 1.000000
 A1 (Gain): 0.115844 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948
 Std Error of Est: 0.000064
 Predicted MDL: 0.000732
 Predicted MQL: 0.002439

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00172	.000	1
S1	.10000	.10714	.007	7.14	.01419	.000	1
S3	2.5000	2.5364	.036	1.46	.29663	.000	1
S4	5.0000	5.0332	.033	.664	.58695	.001	1
S5	10.000	9.9233	-.077	-.767	1.1556	.003	1



Mn 257.610 {131}

Date of Fit: 3/21/2019 18:09:36

Type of Fit: Linear

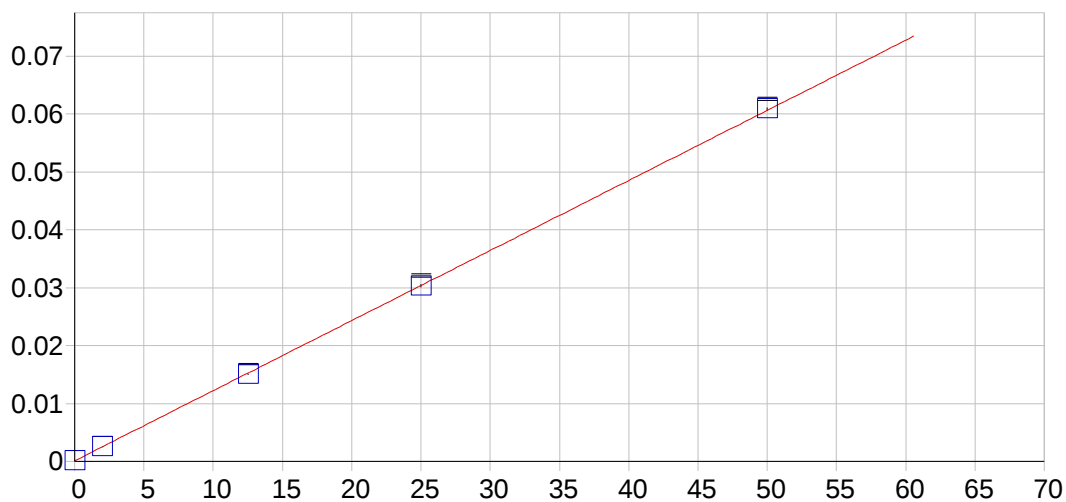
Weighting: 1/Conc

A0 (Offset): 0.000056
 A1 (Gain): 1.107602
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953
 Std Error of Est: 0.000184
 Predicted MDL: 0.000086
 Predicted MQL: 0.000286

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	.00005	.000	1
S1	.02000	.02230	.002	11.5	.02476	.000	1
S3	1.2500	1.2666	.017	1.32	1.4029	.002	1
S4	2.5000	2.5160	.016	.641	2.7868	.007	1
S5	5.0000	4.9651	-.035	-.698	5.4994	.002	1

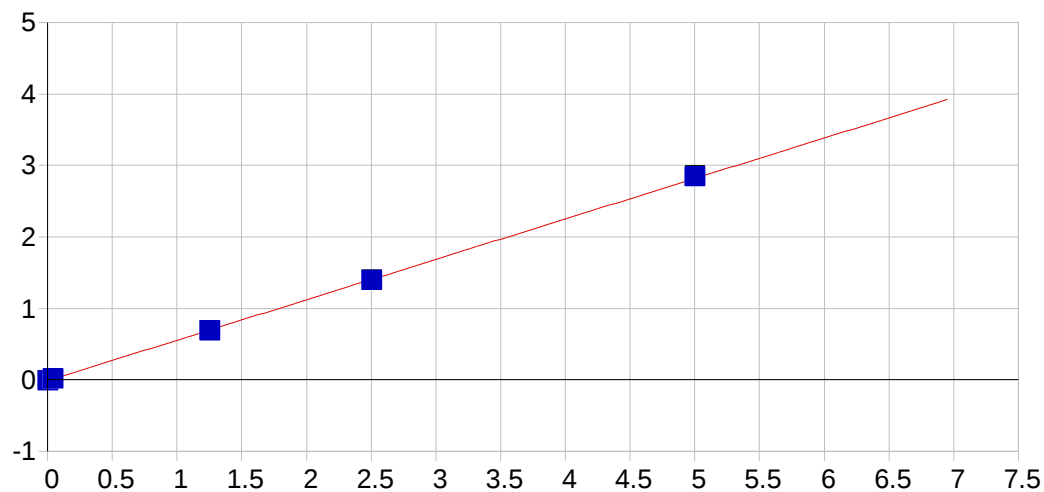


Mg 279.079 {121}

Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000110 Re-Slope: 1.000000
 A1 (Gain): 0.001211 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.047769
 Predicted MQL: 0.159229

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0043	.004	.216	.00254	.000	1
S0	.00000	.00002	.000	.000	.00011	.000	1
S3	12.500	12.340	-.160	-1.28	.01505	.000	1
S4	25.000	24.947	-.053	-.211	.03031	.000	1
S5	50.000	50.209	.209	.418	.06090	.000	1



Ni 231.604 {445}

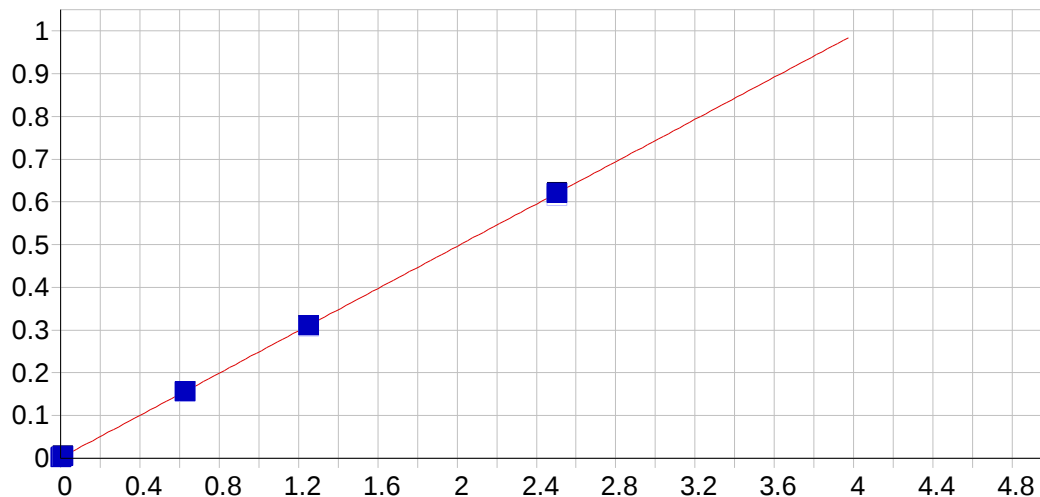
Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.011872 Re-Slope: 1.000000
 A1 (Gain): 0.565789 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942
 Std Error of Est: 0.000148
 Predicted MDL: 0.000509
 Predicted MQL: 0.001698

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.01187	.000	1
S1	.04000	.04044	.000	1.10	.01102	.000	1
S3	1.2500	1.2259	-.024	-1.93	.68248	.001	1
S4	2.5000	2.4795	-.020	-.818	1.3926	.001	1
S5	5.0000	5.0442	.044	.883	2.8451	.005	1



Ag 328.068 {103}

Date of Fit: 3/21/2019 18:09:36

Type of Fit: Linear

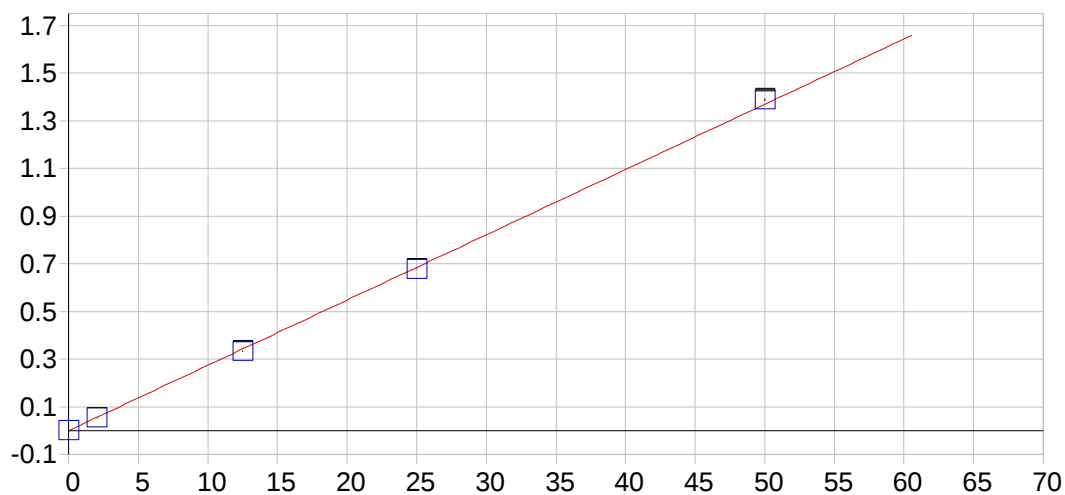
Weighting: 1/Conc

A0 (Offset): 0.001386
 A1 (Gain): 0.247425
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996
 Std Error of Est: 0.000006
 Predicted MDL: 0.000643
 Predicted MQL: 0.002144

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	.00139	.000	1
S1	.01000	.01053	.001	5.32	.00394	.000	1
S3	.62500	.62591	.001	.146	.15450	.000	1
S4	1.2500	1.2470	-.003	-.240	.30642	.001	1
S5	2.5000	2.5016	.002	.062	.61332	.001	1

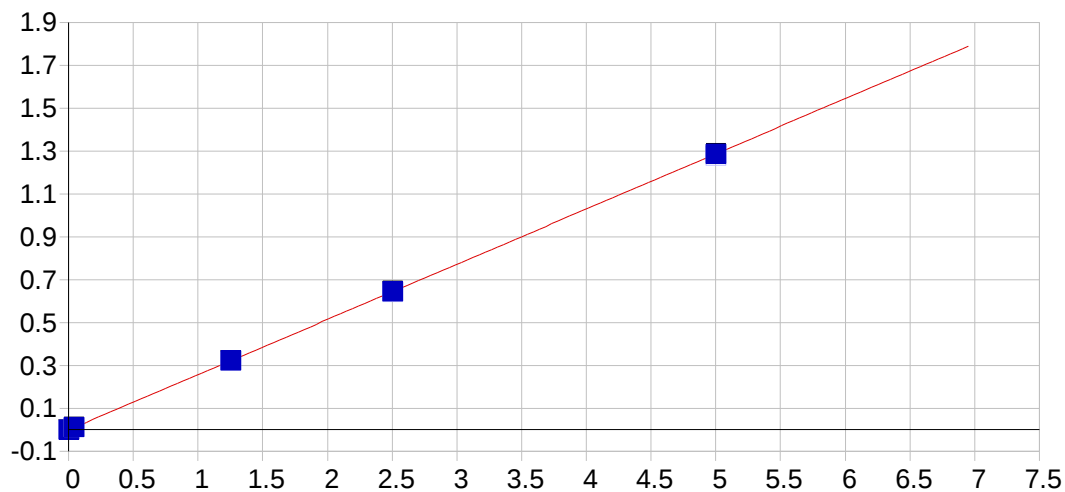


Na 589.592 { 57}

Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000254 Re-Slope: 1.000000
 A1 (Gain): 0.027383 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877 Status: OK.
 Std Error of Est: 0.000235
 Predicted MDL: 0.013475
 Predicted MQL: 0.044916

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9721	-.028	-1.40	.05375	.000	1
S0	.00000	.00008	.000	.000	-.00025	.000	1
S3	12.500	12.142	-.358	-2.86	.33224	.001	1
S4	25.000	24.732	-.268	-1.07	.67697	.002	1
S5	50.000	50.654	.654	1.31	1.3868	.005	1



V 292.402 {115}

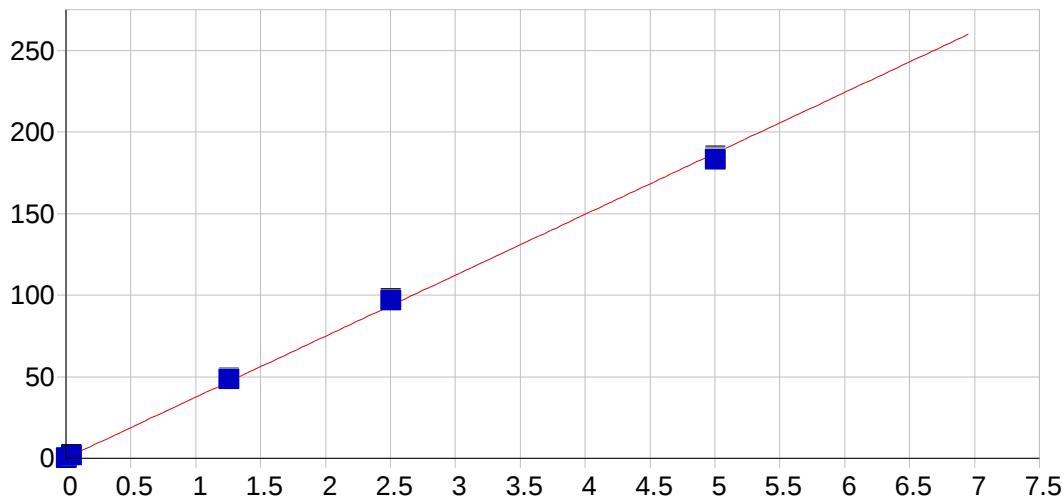
Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000265 Re-Slope: 1.000000
 A1 (Gain): 0.257545 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998
 Std Error of Est: 0.000013
 Predicted MDL: 0.000490
 Predicted MQL: 0.001633

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00027	.000	1
S1	.04000	.04099	.001	2.48	.01013	.000	1
S3	1.2500	1.2507	.001	.059	.31975	.000	1
S4	2.5000	2.5045	.004	.179	.64054	.002	1
S5	5.0000	4.9938	-.006	-.124	1.2774	.001	1



Zn 206.200 {163}

Date of Fit: 3/21/2019 18:09:36

Type of Fit: Linear

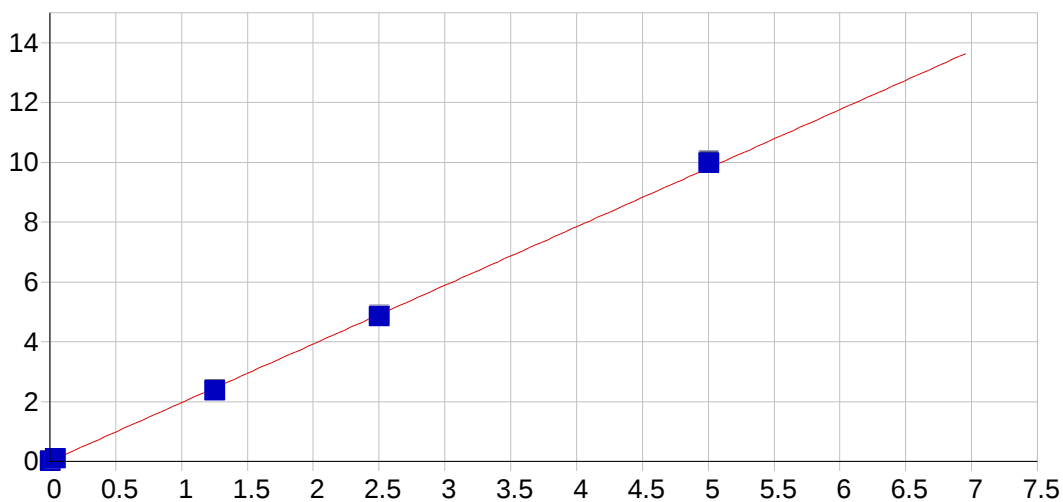
Weighting: 1/Conc

A0 (Offset): 0.119704
 A1 (Gain): 37.363852
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999656
 Std Error of Est: 0.023847
 Predicted MDL: 0.000408
 Predicted MQL: 0.001360

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	.11955	.042	1
S1	.04000	.04273	.003	6.82	1.7260	.053	1
S3	1.2500	1.2861	.036	2.89	48.455	.474	1
S4	2.5000	2.5755	.075	3.02	96.914	.763	1
S5	5.0000	4.8857	-.114	-2.29	183.80	1.36	1

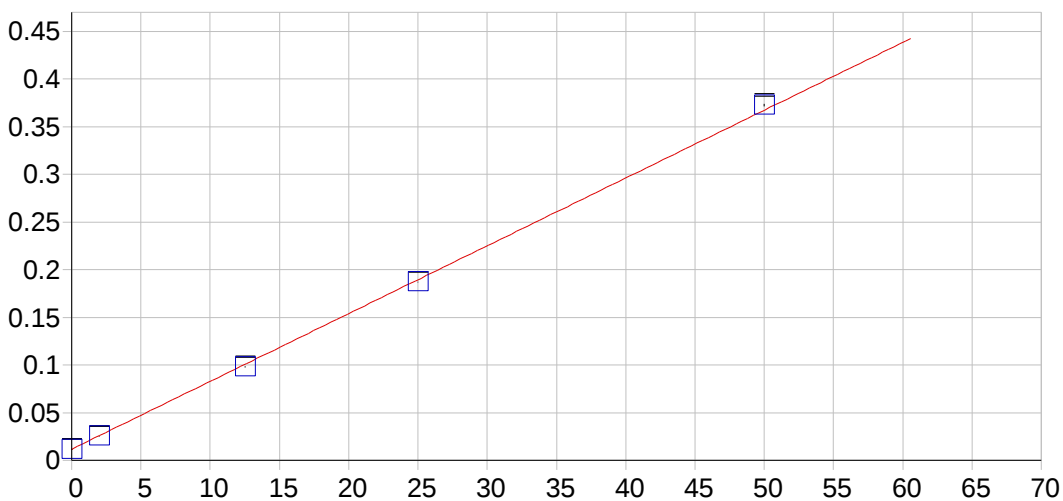


Zn 213.856 {458}

Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005658 Re-Slope: 1.000000
 A1 (Gain): 1.959651 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999795 Status: OK.
 Std Error of Est: 0.000966
 Predicted MDL: 0.000114
 Predicted MQL: 0.000379

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00566	.000	1
S1	.04000	.03839	-.002	-4.02	.08144	.001	1
S3	1.2500	1.2032	-.047	-3.74	2.3792	.003	1
S4	2.5000	2.4658	-.034	-1.37	4.8690	.012	1
S5	5.0000	5.0826	.083	1.65	10.028	.011	1



K 766.490 {44}

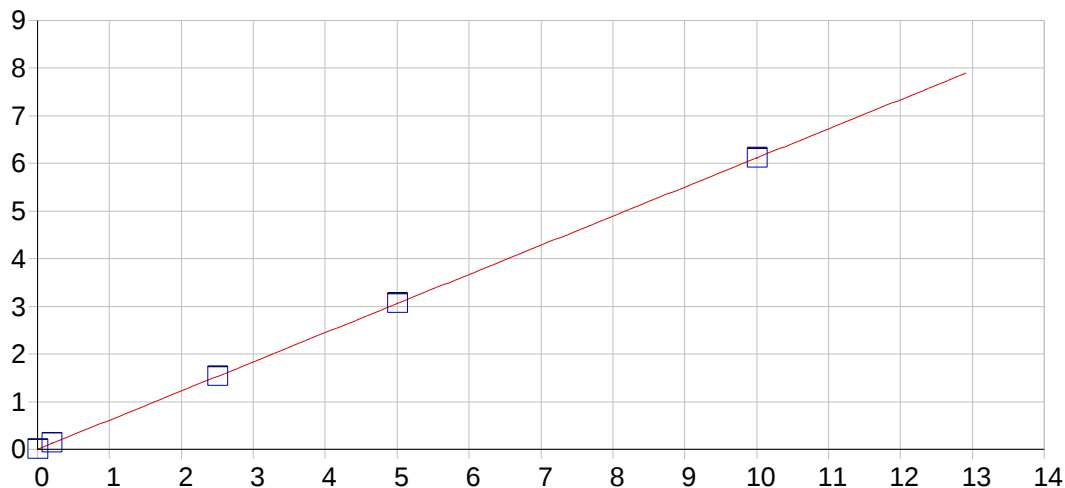
Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011654 Re-Slope: 1.000000
 A1 (Gain): 0.007113 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999830
 Std Error of Est: 0.000072
 Predicted MDL: 0.050565
 Predicted MQL: 0.168550

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	1.9100	-.090	-4.50	.02524	.000	1
S0	.00000	.00014	.000	.000	.01165	.000	1
S3	12.500	12.144	-.356	-2.84	.09803	.000	1
S4	25.000	24.672	-.328	-1.31	.18714	.000	1
S5	50.000	50.773	.773	1.55	.37278	.001	1



Mo 202.030 {467}

Date of Fit: 3/21/2019 18:09:36

Type of Fit: Linear

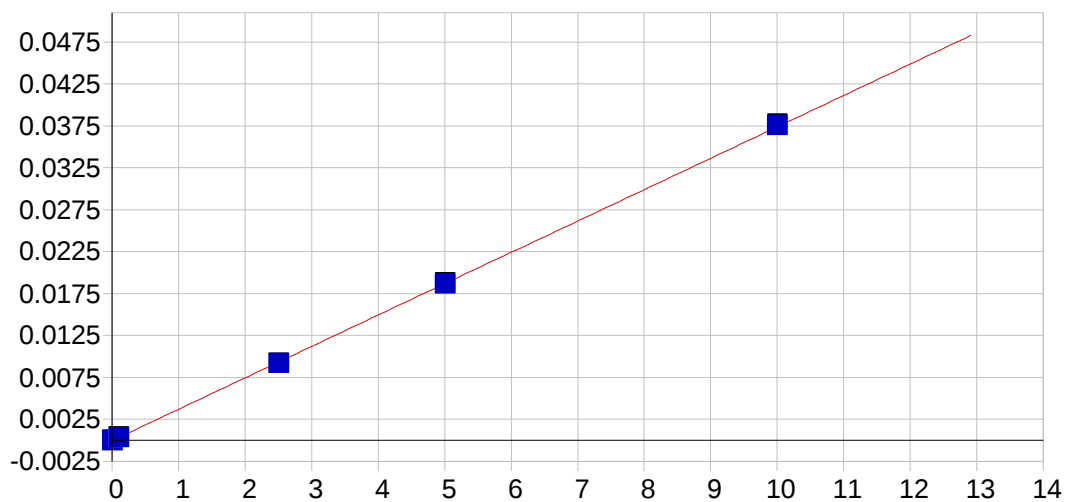
Weighting: 1/Conc

A0 (Offset): 0.001426
 A1 (Gain): 0.611387
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991
 Std Error of Est: 0.000194
 Predicted MDL: 0.000318
 Predicted MQL: 0.001060

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00142	.000	1
S1	.20000	.20758	.008	3.79	.12834	.000	1
S3	2.5000	2.4964	-.004	-.144	1.5277	.004	1
S4	5.0000	5.0035	.003	.070	3.0605	.010	1
S5	10.000	9.9925	-.007	-.075	6.1107	.009	1

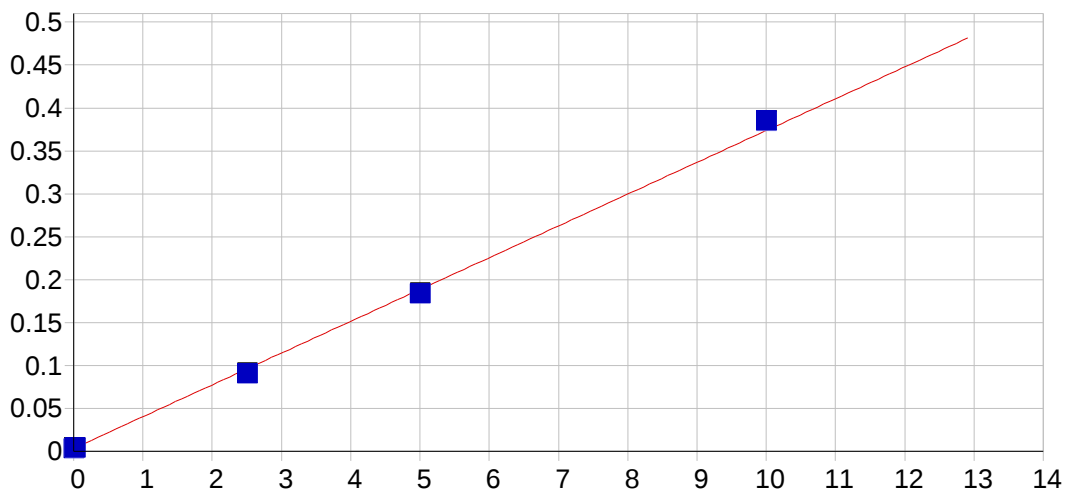


B 249.678 {135}

Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000031 Re-Slope: 1.000000
 A1 (Gain): 0.003743 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000001
 Predicted MDL: 0.011669
 Predicted MQL: 0.038897

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.10000	.09944	-.001	-.558	.00034	.000	1
S3	2.5000	2.4627	-.037	-1.49	.00916	.000	1
S4	5.0000	4.9931	-.007	-.137	.01861	.000	1
S5	10.000	10.045	.045	.447	.03748	.000	1



S 182.034 {485}

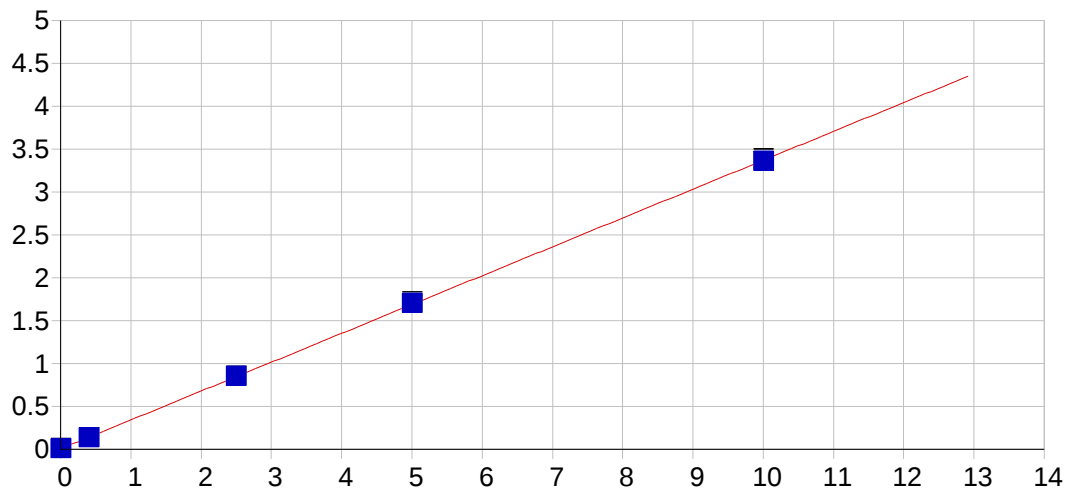
Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003318 Re-Slope: 1.000000
 A1 (Gain): 0.037037 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999266
 Std Error of Est: 0.000034
 Predicted MDL: 0.003279
 Predicted MQL: 0.010930

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00332	.000	1
S1	.02000	.01131	-.009	-43.5	.00371	.000	1
S3	2.5000	2.3437	-.156	-6.25	.09002	.001	1
S4	5.0000	4.8695	-.131	-2.61	.18346	.001	1
S5	10.000	10.295	.295	2.95	.38421	.000	1



Si 288.158 {117}

Date of Fit: 3/21/2019 18:09:36

Type of Fit: Linear

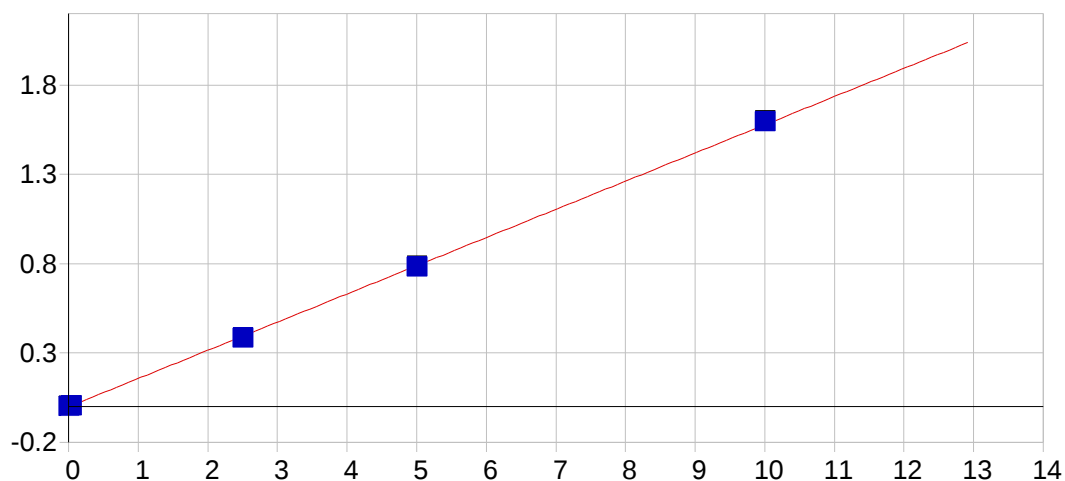
Weighting: 1/Conc

A0 (Offset): 0.005798
 A1 (Gain): 0.336436
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982
 Std Error of Est: 0.000218
 Predicted MDL: 0.002768
 Predicted MQL: 0.009226

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00580	.000	1
S1	.40000	.38919	-.011	-2.70	.13662	.001	1
S3	2.5000	2.5066	.007	.266	.84868	.002	1
S4	5.0000	5.0340	.034	.680	1.6985	.020	1
S5	10.000	9.9702	-.030	-.298	3.3583	.026	1

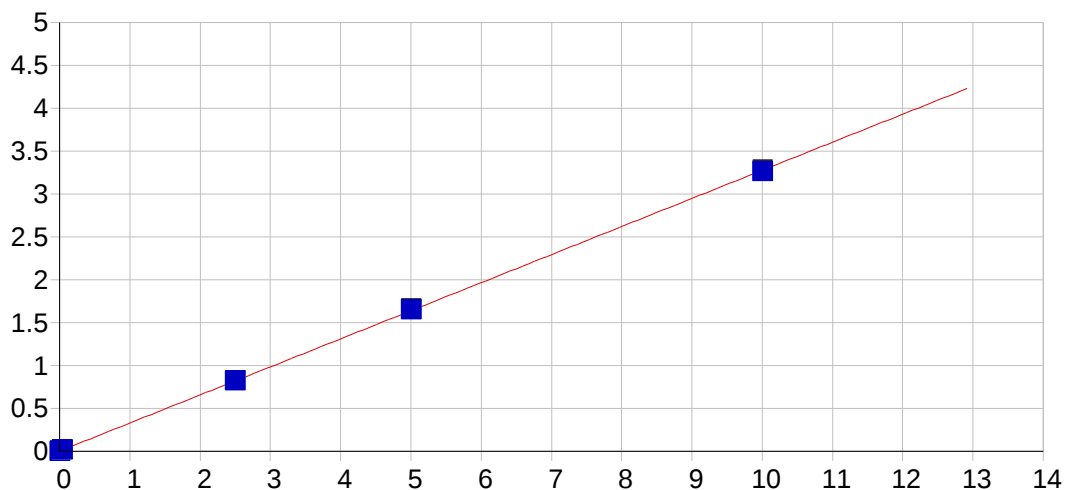


Sn 189.989 {477}

Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000518 Re-Slope: 1.000000
 A1 (Gain): 0.157841 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.000072
 Predicted MDL: 0.000811
 Predicted MQL: 0.002702

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00052	.000	1
S1	.04000	.03710	-.003	-7.26	.00534	.000	1
S3	2.5000	2.4377	-.062	-2.49	.38432	.001	1
S4	5.0000	4.9614	-.039	-.772	.78273	.002	1
S5	10.000	10.104	.104	1.04	1.5945	.003	1



Ti 336.121 {100}

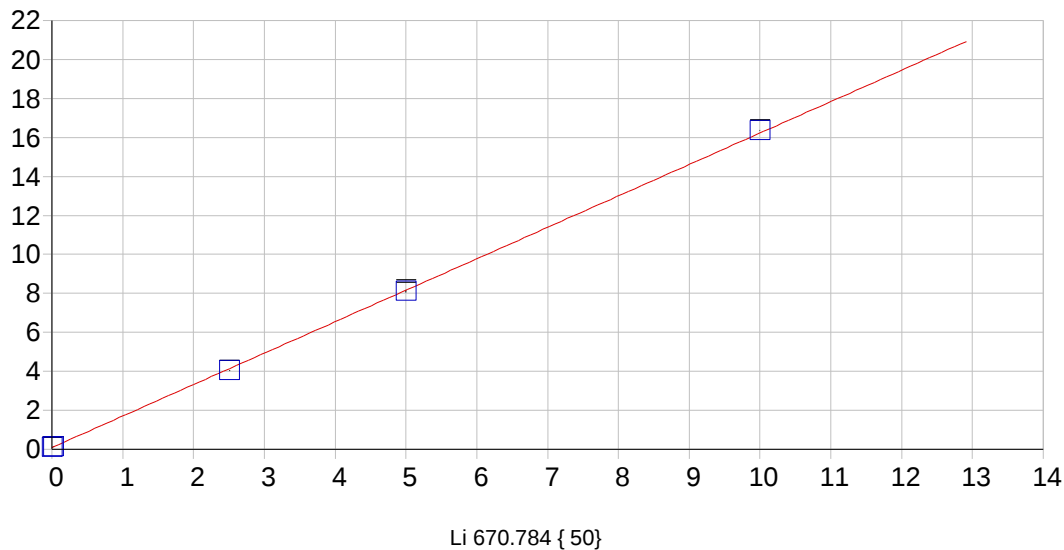
Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002566 Re-Slope: 1.000000
 A1 (Gain): 0.327341 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985
 Std Error of Est: 0.000061
 Predicted MDL: 0.002300
 Predicted MQL: 0.007668

Status: OK.

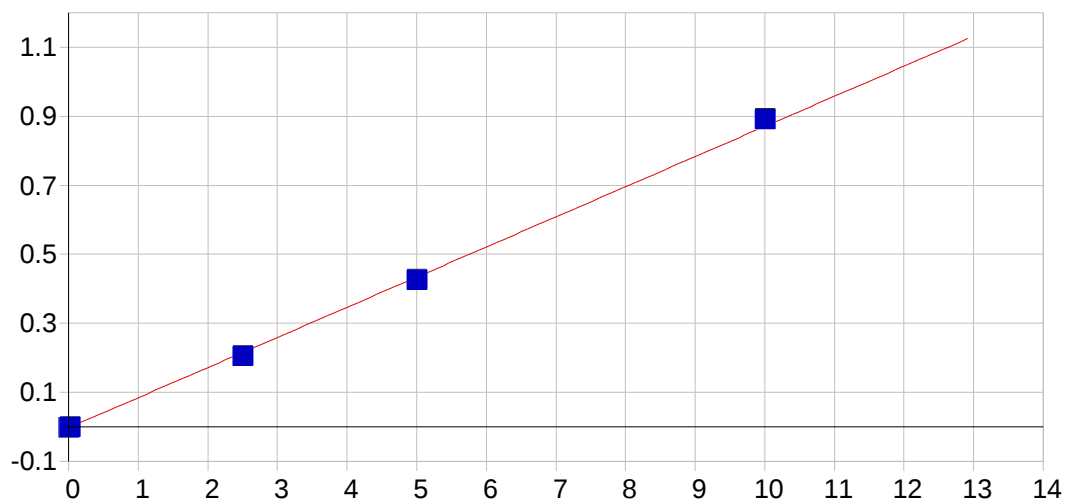
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00257	.001	1
S1	.04000	.03879	-.001	-3.02	.01526	.001	1
S3	2.5000	2.4983	-.002	-.067	.82026	.004	1
S4	5.0000	5.0409	.041	.818	1.6524	.004	1
S5	10.000	9.9620	-.038	-.380	3.2631	.014	1



Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.094187 Re-Slope: 1.000000
 A1 (Gain): 1.613283 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000431
 Predicted MDL: 0.001925
 Predicted MQL: 0.006416

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.09419	.001	1
S1	.02000	.02017	.000	.840	.12672	.001	1
S3	2.5000	2.4447	-.055	-2.21	4.0382	.015	1
S4	5.0000	4.9693	-.031	-.613	8.1111	.067	1
S5	10.000	10.086	.086	.858	16.365	.027	1



P 177.495 {490}

Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002859 Re-Slope: 1.000000
 A1 (Gain): 0.087339 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999595 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.001610
 Predicted MQL: 0.005366

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00286	.000	1
S1	.02000	.02060	.001	3.02	-.00107	.000	1
S3	2.5000	2.3683	-.132	-5.27	.20367	.000	1
S4	5.0000	4.9015	-.098	-1.97	.42460	.001	1
S5	10.000	10.230	.230	2.30	.88932	.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

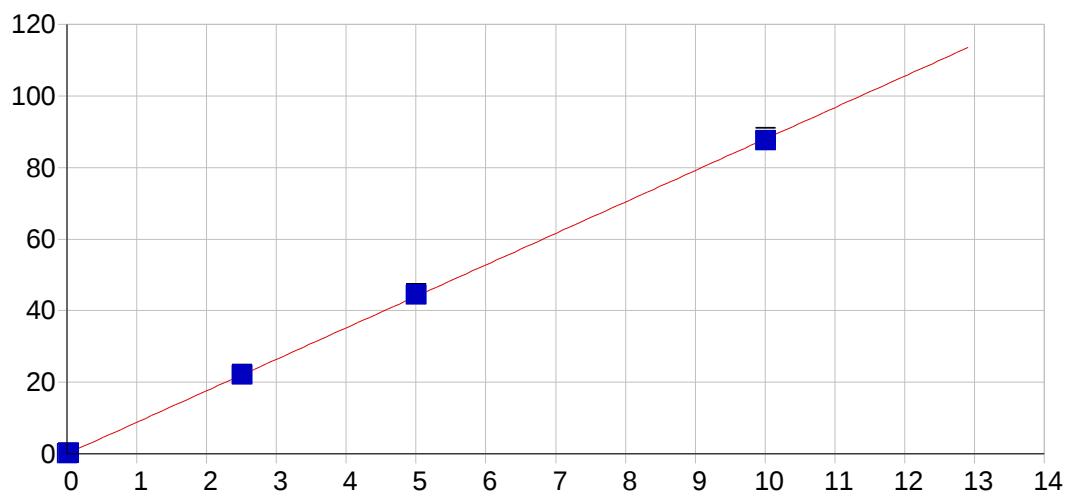
Status: Warning Zero Gain

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: 3/21/2019 18:09:36

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.009622

Re-Slope: 1.000000

A1 (Gain): 8.793762

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999980

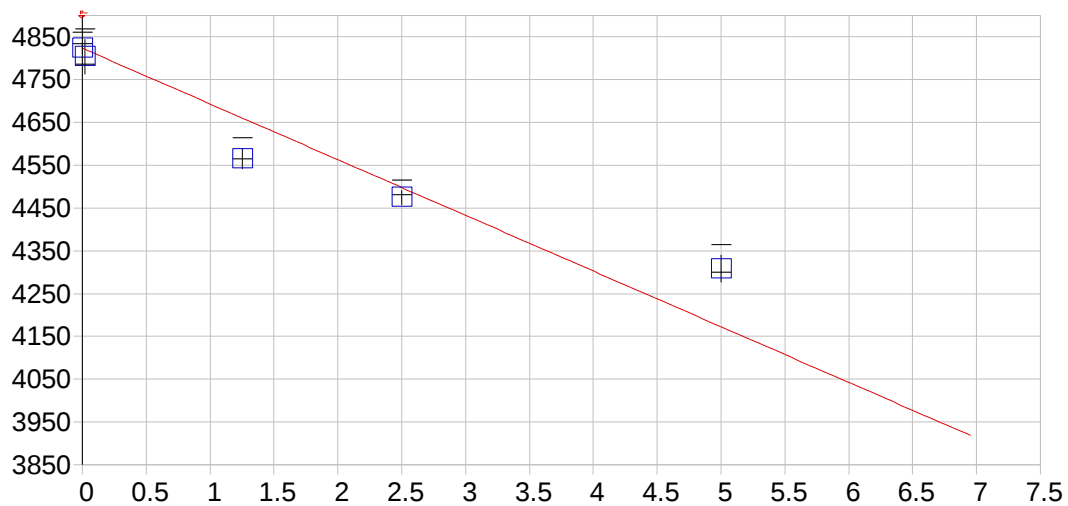
Status: OK.

Std Error of Est: 0.001349

Predicted MDL: 0.000153

Predicted MQL: 0.000510

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00961	.001	1
S1	.02000	.02125	.001	6.23	.19742	.002	1
S3	2.5000	2.5041	.004	.165	22.055	.045	1
S4	5.0000	5.0437	.044	.873	44.411	.359	1
S5	10.000	9.9510	-.049	-.490	87.613	.676	1

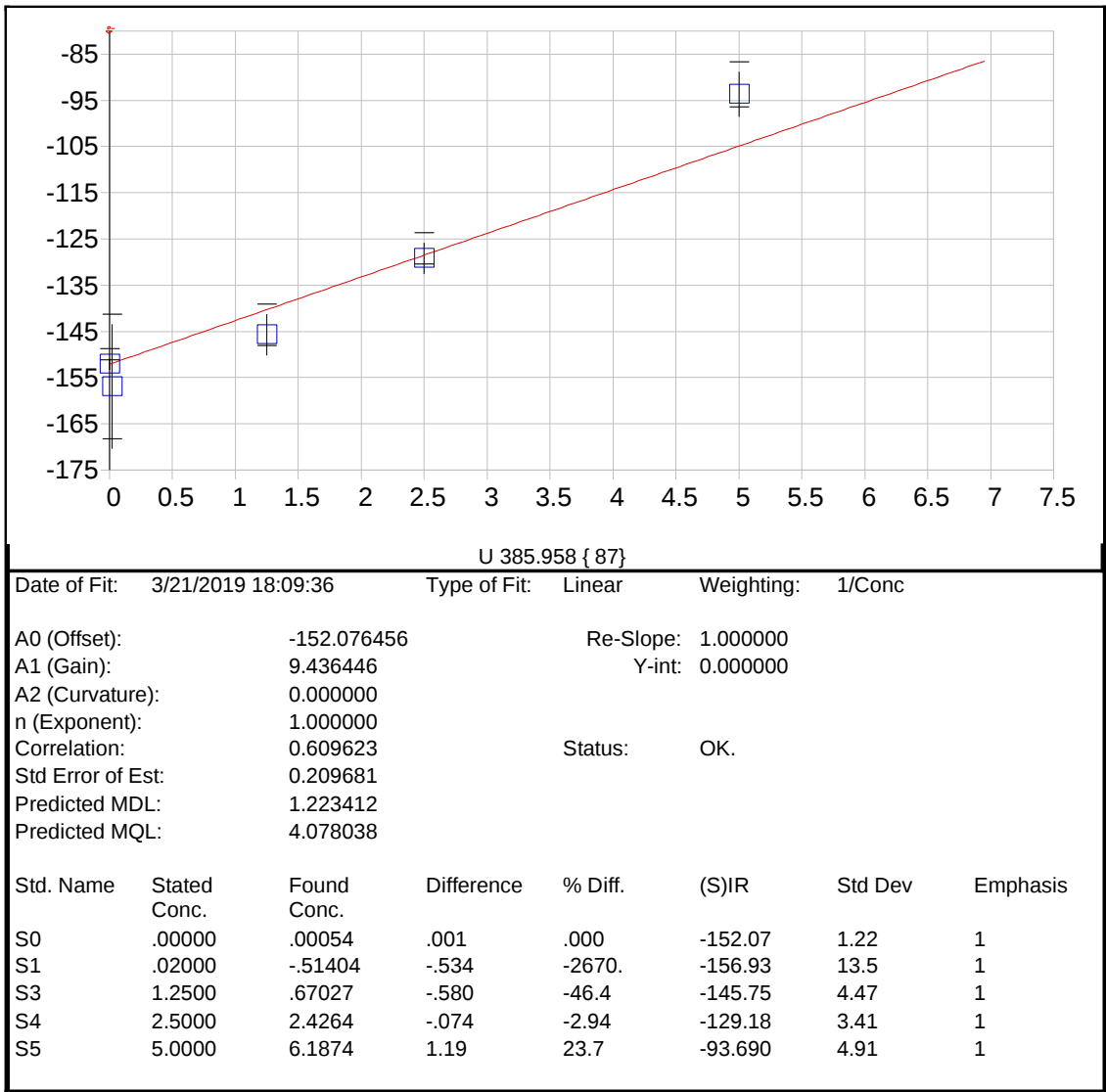


U 367.007 { 92 }

Date of Fit: 3/21/2019 18:09:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4823.366496 Re-Slope: 1.000000
A1 (Gain): -130.148858 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.923056 Status: Warning Negative Gain
Std Error of Est: 0.926837
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	-.000	.000	4823.4	13.4	1
S1	.02000	.15143	.131	657.	4803.7	40.6	1
S3	1.2500	1.9811	.731	58.5	4565.5	25.2	1
S4	2.5000	2.6807	.181	7.23	4474.5	16.8	1
S5	5.0000	3.9568	-1.04	-20.9	4308.4	31.5	1



Sample Name: S0 Acquired: 3/21/2019 15:20:25 Type: Cal
Method: P4-ICP2(v2970) 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	.00035	-.00017	.00720	.00013	.00028	.00308	-.01067	-.00045
Stddev	.00011	.00002	.00024	.00010	.00010	.00012	.00038	.00007
%RSD	30.205	9.5459	3.3795	78.019	35.620	3.8425	3.5318	16.436

#1	.00045	-.00016	.00744	.00016	.00017	.00300	-.01030	-.00040
#2	.00024	-.00016	.00721	.00002	.00037	.00303	-.01066	-.00043
#3	.00036	-.00019	.00695	.00022	.00030	.00322	-.01105	-.00054

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	-.00476	-.00073	-.00093	-.00063	.01994	.00172	.00005	.00011
Stddev	.00007	.00051	.00002	.00015	.00016	.00014	.00003	.00001
%RSD	1.3740	70.160	2.0538	23.511	.79428	8.3952	64.270	11.840

#1	-.00469	-.00117	-.00096	-.00063	.01985	.00186	.00009	.00012
#2	-.00479	-.00085	-.00092	-.00078	.02012	.00174	.00003	.00010
#3	-.00481	-.00017	-.00093	-.00049	.01984	.00157	.00004	.00011

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	-.01187	.00139	-.00025	-.00027	.00566	.01165	.00142	-.00003
Stddev	.00015	.00007	.00038	.00005	.00020	.00020	.00011	.00002
%RSD	1.2551	5.1313	149.84	18.072	3.5556	1.7310	7.4662	49.672

#1	-.01171	.00137	-.00067	-.00024	.00560	.01176	.00134	-.00004
#2	-.01189	.00133	-.00015	-.00032	.00589	.01178	.00154	-.00004
#3	-.01201	.00147	.00007	-.00023	.00550	.01142	.00138	-.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	.00332	.00580	-.00052	.00257	.09419	-.0029	.00961	4823.4
Stddev	.00018	.00042	.00010	.00072	.00069	.0001	.00058	13.4
%RSD	5.3779	7.1841	18.707	28.020	.73697	4.433	6.0074	.27809

#1	.00352	.00593	-.00054	.00202	.09409	-.0028	.00914	4809.0
#2	.00324	.00533	-.00060	.00338	.09492	-.0028	.01025	4825.7
#3	.00319	.00613	-.00041	.00230	.09355	-.0030	.00944	4835.5

Sample Name: S0 Acquired: 3/21/2019 15:20:25 Type: Cal
Method: P4-ICP2(v2970) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-152.07
Stddev	1.22
%RSD	.80419

#1	-152.16
#2	-150.81
#3	-153.25

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3320.1	37140.	4251.2	88.494	3809.2
Stddev	19.1	21.	24.1	2.664	26.4
%RSD	.57455	.05728	.56799	3.0103	.69284

#1	3298.2	37116.	4241.9	85.883	3781.0
#2	3332.6	37151.	4233.1	91.208	3813.1
#3	3329.6	37154.	4278.6	88.392	3833.4

Sample Name: S1 Acquired: 3/21/2019 15:24:52 Type: Cal
Method: P4-ICP2(v2970) 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	.00142	.00538	.01065	.00107	.00662	.00403	.03110	.00572
Stddev	.00018	.00019	.00024	.00021	.00018	.00019	.00033	.00009
%RSD	12.420	3.5312	2.2339	19.756	2.6479	4.7918	1.0627	1.5358

#1	.00153	.00549	.01086	.00125	.00653	.00389	.03139	.00563
#2	.00152	.00548	.01039	.00084	.00683	.00425	.03117	.00571
#3	.00122	.00516	.01069	.00113	.00652	.00395	.03074	.00581

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	.01136	.00108	.02787	.03535	.01419	.02476	.01102	.00394
Stddev	.00011	.00010	.00027	.00016	.00009	.00009	.00009	.00014
%RSD	1.0003	9.4463	.97976	.43977	.62443	.36010	.78888	3.5340

#1	.01123	.00108	.02818	.03539	.01412	.02486	.01096	.00379
#2	.01145	.00118	.02776	.03518	.01429	.02470	.01098	.00399
#3	.01140	.00098	.02766	.03548	.01416	.02472	.01112	.00405

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	.01013	.08144	.12834	.00034	.00371	.13662	.00534	.01526
Stddev	.00007	.00067	.00043	.00006	.00014	.00098	.00009	.00079
%RSD	.66399	.82137	.33400	18.947	3.7574	.71404	1.6245	5.1564

#1	.01011	.08195	.12870	.00028	.00357	.13551	.00541	.01615
#2	.01008	.08068	.12845	.00034	.00384	.13705	.00524	.01494
#3	.01021	.08169	.12787	.00041	.00373	.13732	.00536	.01468

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.12672	-.0011	.19742	4803.7	-156.93
Stddev	.00083	.0002	.00225	40.6	13.46
%RSD	.65253	14.93	1.1384	.84517	8.5742

#1	.12759	-.0010	.19999	4777.5	-142.11
#2	.12595	-.0009	.19644	4783.0	-160.27
#3	.12663	-.0012	.19583	4850.4	-168.39

Sample Name: S1 Acquired: 3/21/2019 15:24:52 Type: Cal
 Method: P4-ICP2(v2970) 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	3341.4	37149.	4292.3	90.467	3804.7
Stddev	11.7	128.	1.5	1.175	11.9
%RSD	.35042	.34363	.03484	1.2984	.31303
#1	3330.9	37106.	4290.6	90.575	3791.4
#2	3339.1	37049.	4293.2	89.242	3808.2
#3	3354.0	37293.	4293.1	91.583	3814.4

Sample Name: S2 Acquired: 3/21/2019 15:29:18 Type: Cal
 Method: P4-ICP2(v2970) 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	.09651	.00254	.05375	.02524
Stddev	.00119	.00003	.00013	.00023
%RSD	1.2352	1.3526	.24756	.90638

#1	.09549	.00256	.05360	.02510
#2	.09782	.00255	.05386	.02512
#3	.09622	.00250	.05379	.02550

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	38102.	4398.0
Stddev	91.	23.8
%RSD	.23969	.54102

#1	38019.	4381.4
#2	38088.	4387.3
#3	38200.	4425.2

Sample Name: S3 Acquired: 3/21/2019 15:33:32 Type: Cal
Method: P4-ICP2(v2970) 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	.12095	.33326	.67924	.11870	.29739	.04851	1.9713	.11960
Stddev	.00022	.00029	.00159	.00050	.00124	.00013	.0017	.00043
%RSD	.18097	.08620	.23434	.41727	.41684	.26858	.08586	.35932
#1	.12092	.33312	.67760	.11824	.29672	.04856	1.9706	.12009
#2	.12075	.33359	.67935	.11865	.29663	.04837	1.9732	.11929
#3	.12119	.33307	.68078	.11922	.29882	.04861	1.9700	.11941
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	3.3819	.58611	.10213	1.1857	.47270	.29663	1.4029	.01505
Stddev	.0038	.00154	.00020	.0015	.00186	.00036	.0022	.00010
%RSD	.11205	.26283	.19850	.12841	.39308	.12264	.15616	.69222
#1	3.3810	.58683	.10193	1.1844	.47236	.29624	1.4052	.01495
#2	3.3787	.58434	.10233	1.1852	.47104	.29697	1.4009	.01504
#3	3.3861	.58715	.10213	1.1874	.47471	.29667	1.4026	.01516
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	.68248	.15450	.33224	.31975	2.3792	.09803	1.5277	.00916
Stddev	.00061	.00019	.00140	.00027	.0027	.00034	.0044	.00003
%RSD	.08996	.12531	.42195	.08396	.11192	.35068	.28577	.27884
#1	.68277	.15471	.33202	.32002	2.3795	.09764	1.5249	.00919
#2	.68289	.15444	.33374	.31949	2.3764	.09821	1.5255	.00917
#3	.68177	.15434	.33096	.31975	2.3817	.09825	1.5327	.00914
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	.09002	.84868	.38432	.82026	4.0382	.2037	22.055	4565.5
Stddev	.00058	.00248	.00113	.00413	.0146	.0004	.045	25.2
%RSD	.64975	.29248	.29417	.50311	.36211	.2113	.20334	.55283
#1	.09044	.84739	.38368	.82130	4.0544	.2039	22.101	4563.6
#2	.08935	.84711	.38366	.81572	4.0259	.2032	22.052	4591.7
#3	.09026	.85154	.38563	.82377	4.0343	.2040	22.011	4541.3

Sample Name: S3 Acquired: 3/21/2019 15:33:32 Type: Cal
 Method: P4-ICP2(v2970) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-145.75
Stddev	4.47
%RSD	3.0661

#1	-141.72
#2	-144.97
#3	-150.56

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3291.3	36648.	4308.2	88.791	3572.3
Stddev	8.4	140.	19.1	.650	4.1
%RSD	.25647	.38208	.44448	.73162	.11552

#1	3295.5	36544.	4288.5	88.056	3571.1
#2	3296.7	36593.	4309.3	89.288	3576.9
#3	3281.5	36807.	4326.8	89.030	3569.0

Sample Name: S4 Acquired: 3/21/2019 15:37:34 Type: Cal
Method: P4-ICP2(v2970) 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	.24285	.66895	1.3745	.23883	.59752	.09530	4.0002	.23914
Stddev	.00129	.00206	.0056	.00089	.00359	.00110	.0166	.00063
%RSD	.53201	.30837	.40908	.37381	.60109	1.1515	.41404	.26180
#1	.24155	.66844	1.3680	.23787	.59337	.09600	4.0184	.23985
#2	.24414	.67123	1.3781	.23963	.59978	.09588	3.9962	.23867
#3	.24285	.66720	1.3774	.23898	.59939	.09404	3.9860	.23889
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	6.9215	1.1799	.20442	2.4109	.91216	.58695	2.7868	.03031
Stddev	.0161	.0011	.00024	.0043	.00421	.00140	.0072	.00026
%RSD	.23313	.09263	.11631	.17910	.46150	.23850	.25816	.85427
#1	6.9078	1.1794	.20466	2.4063	.90781	.58839	2.7945	.03044
#2	6.9393	1.1791	.20419	2.4148	.91621	.58559	2.7855	.03048
#3	6.9175	1.1811	.20442	2.4118	.91246	.58687	2.7803	.03001
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	1.3926	.30642	.67697	.64054	4.8690	.18714	3.0605	.01861
Stddev	.0008	.00059	.00211	.00237	.0116	.00027	.0098	.00016
%RSD	.05641	.19257	.31188	.36974	.23914	.14254	.31887	.85181
#1	1.3917	.30697	.67853	.64325	4.8595	.18743	3.0505	.01864
#2	1.3931	.30648	.67781	.63953	4.8820	.18692	3.0700	.01876
#3	1.3929	.30580	.67457	.63885	4.8656	.18705	3.0610	.01844
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	.18346	1.6985	.78273	1.6524	8.1111	.4246	44.411	4474.5
Stddev	.00054	.0199	.00187	.0044	.0674	.0013	.359	16.8
%RSD	.29428	1.1712	.23942	.26496	.83069	.3123	.80760	.37475
#1	.18353	1.6907	.78143	1.6551	8.1559	.4234	44.552	4464.4
#2	.18397	1.6837	.78488	1.6474	8.0336	.4260	44.003	4493.8
#3	.18289	1.7211	.78188	1.6548	8.1439	.4243	44.677	4465.2

Sample Name: S4 Acquired: 3/21/2019 15:37:34 Type: Cal
 Method: P4-ICP2(v2970) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-129.18
Stddev	3.41
%RSD	2.6426

#1	-132.75
#2	-128.84
#3	-125.95

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3215.8	35989.	4262.7	86.303	3406.7
Stddev	10.5	53.	43.9	.786	7.9
%RSD	.32772	.14722	1.0305	.91125	.23072

#1	3225.5	35930.	4270.8	86.821	3411.3
#2	3204.6	36030.	4302.0	86.690	3397.6
#3	3217.4	36009.	4215.3	85.398	3411.1

Sample Name: S5 Acquired: 3/21/2019 15:41:34 Type: Cal
Method: P4-ICP2(v2970) 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	.49274	1.3422	2.7865	.48222	1.2061	.19117	8.0403	.47913
Stddev	.00096	.0029	.0050	.00146	.0032	.00078	.0566	.00046
%RSD	.19451	.21288	.17834	.30300	.26754	.40913	.70404	.09508
#1	.49175	1.3397	2.7871	.48317	1.2082	.19181	8.0860	.47965
#2	.49366	1.3417	2.7812	.48297	1.2077	.19139	7.9770	.47880
#3	.49283	1.3453	2.7911	.48054	1.2024	.19030	8.0580	.47894
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	14.161	2.3258	.40625	4.9237	1.7907	1.1556	5.4994	.06090
Stddev	.029	.0071	.00119	.0070	.0016	.0027	.0018	.00028
%RSD	.20294	.30394	.29243	.14298	.08872	.23115	.03182	.46026
#1	14.143	2.3225	.40736	4.9232	1.7921	1.1586	5.4998	.06094
#2	14.147	2.3210	.40500	4.9169	1.7911	1.1546	5.5009	.06115
#3	14.195	2.3339	.40640	4.9310	1.7890	1.1535	5.4975	.06059
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	2.8451	.61332	1.3868	1.2774	10.028	.37278	6.1107	.03748
Stddev	.0048	.00093	.0049	.0013	.011	.00128	.0089	.00015
%RSD	.16818	.15223	.35321	.10427	.11004	.34277	.14520	.41206
#1	2.8420	.61261	1.3913	1.2761	10.035	.37387	6.1006	.03738
#2	2.8428	.61297	1.3875	1.2775	10.016	.37310	6.1144	.03765
#3	2.8507	.61438	1.3816	1.2787	10.034	.37137	6.1172	.03740
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	.38421	3.3583	1.5945	3.2631	16.365	.8893	87.613	4308.4
Stddev	.00021	.0258	.0026	.0143	.027	.0017	.676	31.5
%RSD	.05573	.76818	.15965	.43667	.16671	.1907	.77196	.73069
#1	.38438	3.3507	1.5931	3.2565	16.346	.8895	87.112	4316.6
#2	.38428	3.3372	1.5930	3.2534	16.354	.8875	87.343	4273.6
#3	.38397	3.3871	1.5975	3.2795	16.397	.8909	88.382	4334.9

Sample Name: S5 Acquired: 3/21/2019 15:41:34 Type: Cal
Method: P4-ICP2(v2970) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-93.690
Stddev	4.914
%RSD	5.2445

#1	-93.482
#2	-98.704
#3	-88.883

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3124.4	35162.	4239.6	87.019	3212.0
Stddev	4.9	112.	12.5	.820	8.4
%RSD	.15818	.31897	.29567	.94276	.26021

#1	3128.4	35053.	4236.1	86.871	3212.4
#2	3125.9	35156.	4253.5	86.282	3220.1
#3	3118.8	35278.	4229.2	87.903	3203.4

Sample Name: ICV01 Acquired: 3/21/2019 15:56:50 Type: Unk
Method: P4-ICP2(v2970) 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	.98388	1.0143	.97588	.98329	.98419	2.4834	.49256
Stddev	.00135	.0021	.00345	.00549	.00329	.0243	.00192
%RSD	.13755	.20406	.35306	.55827	.33441	.97902	.39037

#1	.98234	1.0166	.97957	.98487	.98382	2.5079	.49296
#2	.98487	1.0125	.97275	.97718	.98110	2.4828	.49426
#3	.98443	1.0138	.97532	.98781	.98765	2.4593	.49047

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48324	.47283	10.184	.50386	.48799	.51640	5.1105
Stddev	.00040	.00087	.022	.00150	.00125	.00283	.0086
%RSD	.08272	.18311	.21495	.29857	.25641	.54853	.16827

#1	.48319	.47338	10.185	.50351	.48766	.51384	5.1144
#2	.48287	.47327	10.162	.50551	.48694	.51593	5.1165
#3	.48366	.47183	10.206	.50256	.48938	.51944	5.1006

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50481	5.8483	.49334	.50392	9.6661	.49562	.94817
Stddev	.00098	.0492	.00148	.00066	.0312	.00043	.00087
%RSD	.19424	.84177	.30005	.13102	.32314	.08601	.09223

#1	.50588	5.8156	.49401	.50365	9.6977	.49597	.94799
#2	.50395	5.9049	.49164	.50344	9.6652	.49515	.94740
#3	.50460	5.8243	.49436	.50467	9.6353	.49575	.94913

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6677	2.4013	2.3440	F -.00446	2.3000	2.3120	2.4377
Stddev	.0297	.0102	.0201	.00297	.0203	.0009	.0043
%RSD	.30693	.42332	.85939	66.728	.88355	.04040	.17801

#1	9.6986	2.3901	2.3506	-.00406	2.2809	2.3127	2.4382
#2	9.6395	2.4038	2.3600	-.00761	2.2978	2.3123	2.4332
#3	9.6648	2.4100	2.3214	-.00170	2.3214	2.3109	2.4418

Sample Name: ICV01 Acquired: 3/21/2019 15:56:50 Type: Unk
 Method: P4-ICP2(v2970) 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 .00360	F .0020	F .00620	F .48872	F 3.5226
Stddev	.00126	.0007	.00018	.10223	.1164
%RSD	34.999	32.79	2.9054	20.918	3.3054
#1	.00393	.0013	.00599	.48012	3.5351
#2	.00221	.0026	.00632	.39106	3.6323
#3	.00467	.0021	.00628	.59498	3.4005
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3334.0	36939.	4312.6	91.237	3697.0
Stddev	14.1	82.	30.2	2.451	5.3
%RSD	.42413	.22215	.70074	2.6867	.14409
#1	3347.6	36914.	4345.9	92.802	3694.1
#2	3335.0	36873.	4304.9	88.412	3703.1
#3	3319.4	37031.	4286.9	92.496	3693.7

Sample Name: LLICV01 Acquired: 3/21/2019 16:00:56 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02281	.04126	.01270	.02298	.05794	.09012	.10434
Stddev	.00218	.00040	.00130	.00297	.00167	.00770	.00129
%RSD	9.5399	.96971	10.237	12.936	2.8831	8.5439	1.2373

#1	.02262	.04161	.01200	.02371	.05900	.08919	.10310
#2	.02507	.04082	.01420	.02552	.05882	.09823	.10423
#3	.02073	.04135	.01189	.01971	.05602	.08292	.10567

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00646	.00601	2.1200	.01049	.02926	.02109	.10940
Stddev	.00005	.00018	.0092	.00005	.00085	.00108	.00141
%RSD	.77387	2.9729	.43566	.48048	2.8922	5.1263	1.2927

#1	.00644	.00605	2.1177	.01053	.02980	.02151	.10957
#2	.00652	.00617	2.1302	.01051	.02970	.02191	.11071
#3	.00642	.00582	2.1122	.01043	.02828	.01987	.10790

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02269	2.0771	.04067	.01144	2.0039	.04194	.03854
Stddev	.00007	.0130	.00071	.00028	.0128	.00023	.00081
%RSD	.31944	.62726	1.7358	2.4649	.63867	.53869	2.1075

#1	.02273	2.0731	.04141	.01124	1.9891	.04208	.03878
#2	.02261	2.0666	.04059	.01131	2.0109	.04206	.03920
#3	.02273	2.0917	.04001	.01176	2.0117	.04168	.03763

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9428	.20662	F .12243	F -.00025	.39674	.04018	.04085
Stddev	.0164	.00458	.01078	.00275	.00290	.00063	.00125
%RSD	.84588	2.2146	8.8069	1121.0	.73039	1.5609	3.0480

#1	1.9370	.20949	.11018	.00284	.39984	.04058	.04211
#2	1.9301	.20903	.13047	-.00244	.39410	.04051	.04082
#3	1.9614	.20135	.12666	-.00114	.39628	.03946	.03962

Sample Name: LLICV01 Acquired: 3/21/2019 16:00:56 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02130	.0180	.02186	F .21942	F<.00000
Stddev	.00123	.0007	.00011	.29406	.88841
%RSD	5.7918	3.982	.50532	134.02	126.56
#1	.02270	.0186	.02184	.09229	-.98322
#2	.02083	.0182	.02198	.55566	.29305
#3	.02036	.0172	.02176	.01031	-1.4157
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3391.9	37208.	4282.6	92.033	3853.7
Stddev	58.0	113.	26.4	1.591	81.2
%RSD	1.7087	.30245	.61701	1.7289	2.1071
#1	3364.2	37146.	4253.6	93.500	3812.0
#2	3352.9	37141.	4305.3	90.342	3801.9
#3	3458.5	37338.	4288.8	92.258	3947.3

Sample Name: ICB01 Acquired: 3/21/2019 16:05:22 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	-.00044	-.00049	-.00126	.00131	-.01629	-.00053
Stddev	.00060	.00199	.00062	.00099	.00264	.00604	.00073
%RSD	252.26	448.22	128.32	78.595	200.77	37.104	138.20

#1	-.00042	.00180	-.00119	-.00148	.00424	-.02147	-.00085
#2	.00039	-.00201	-.00027	-.00018	.00059	-.00965	.00031
#3	.00074	-.00113	-.00000	-.00213	-.00089	-.01775	-.00105

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.00008	-.00257	.00004	.00036	-.00051	.00008
Stddev	.00007	.00006	.00734	.00007	.00016	.00025	.00059
%RSD	1928.4	76.419	286.04	192.30	44.006	48.930	780.57

#1	-.00003	-.00015	-.01017	.00011	.00021	-.00079	.00067
#2	.00008	-.00003	.00448	.00004	.00036	-.00033	-.00050
#3	-.00004	-.00007	-.00201	-.00003	.00053	-.00040	.00005

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.02053	.00008	.00011	-.03872	-.00013	-.00029
Stddev	.00005	.03232	.00010	.00056	.00196	.00027	.00000
%RSD	928.43	157.38	119.09	499.86	5.0751	202.41	1.0763

#1	-.00003	.00511	.00017	-.00053	-.04077	.00009	-.00029
#2	.00006	-.00118	.00010	.00050	-.03854	-.00006	-.00029
#3	-.00004	.05767	-.00002	.00036	-.03685	-.00043	-.00029

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05286	-.00007	.01481	F -.01709	-.00148	.00145	.00046
Stddev	.04814	.00018	.01365	.00119	.00308	.00025	.00103
%RSD	91.076	270.24	92.125	6.9378	209.00	17.020	224.12

#1	-.10758	-.00018	-.00080	-.01574	-.00482	.00125	.00165
#2	-.03395	-.00016	.02447	-.01758	-.00087	.00173	-.00014
#3	-.01704	.00014	.02077	-.01796	.00126	.00138	-.00013

Sample Name: ICB01 Acquired: 3/21/2019 16:05:22 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00039	.0001	-.00006	F<.00000	F<.00000
Stddev	.00153	.0002	.00012	.12811	.60561
%RSD	391.65	229.9	205.85	29.777	38.190
#1	.00183	.0002	-.00006	-.29823	-.88823
#2	.00057	-.0001	.00006	-.43837	-1.9773
#3	-.00122	.0002	-.00017	-.55406	-1.8918
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3385.4	37552.	4288.4	90.039	3865.0
Stddev	8.1	35.	30.7	.911	9.0
%RSD	.23993	.09320	.71484	1.0115	.23169
#1	3391.1	37517.	4265.0	89.058	3856.8
#2	3389.0	37552.	4277.1	90.200	3874.6
#3	3376.1	37587.	4323.1	90.858	3863.7

Sample Name: CRI01 Acquired: 3/21/2019 16:09:50 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02081	.04030	.01161	.02503	.05391	.07930	.10342
Stddev	.00182	.00072	.00064	.00210	.00076	.01142	.00116
%RSD	8.7592	1.7907	5.4907	8.3856	1.4079	14.401	1.1187

#1	.02125	.04093	.01089	.02721	.05310	.08996	.10256
#2	.02237	.03952	.01183	.02302	.05460	.06725	.10298
#3	.01880	.04046	.01210	.02485	.05404	.08068	.10474

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00637	.00592	2.1232	.01007	.02937	.02135	.10813
Stddev	.00011	.00004	.0169	.00013	.00023	.00080	.00065
%RSD	1.7929	.61895	.79397	1.2783	.78385	3.7591	.60269

#1	.00624	.00589	2.1078	.00998	.02935	.02227	.10882
#2	.00644	.00591	2.1205	.01021	.02915	.02085	.10752
#3	.00642	.00596	2.1412	.01001	.02961	.02093	.10805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02259	2.0390	.04051	.01161	1.9749	.04092	.03878
Stddev	.00003	.0147	.00045	.00005	.0101	.00047	.00017
%RSD	.12530	.72244	1.1161	.41975	.51196	1.1489	.42651

#1	.02257	2.0230	.04103	.01166	1.9704	.04116	.03897
#2	.02260	2.0520	.04019	.01162	1.9678	.04038	.03865
#3	.02262	2.0421	.04032	.01156	1.9865	.04122	.03872

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9982	.20661	.11158	F -.00174	.39031	.03887	.04038
Stddev	.0078	.00041	.00339	.00247	.00137	.00016	.00182
%RSD	.39236	.19740	3.0346	142.40	.34996	.41227	4.5150

#1	2.0047	.20704	.11302	-.00373	.39186	.03903	.04247
#2	2.0004	.20623	.11401	.00103	.38930	.03887	.03962
#3	1.9895	.20656	.10771	-.00251	.38976	.03871	.03907

Sample Name: CRI01 Acquired: 3/21/2019 16:09:50 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02084	.0171	.02167	F .40755	F<.00000
Stddev	.00177	.0006	.00003	.34825	.90523
%RSD	8.5112	3.486	.14456	85.449	88.595
#1	.02284	.0171	.02164	.75236	-.17577
#2	.01944	.0177	.02168	.05595	-1.9764
#3	.02026	.0165	.02170	.41435	-.91310
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3374.4	37388.	4314.7	91.650	3839.0
Stddev	14.9	70.	15.1	2.215	9.5
%RSD	.44191	.18632	.35028	2.4163	.24716
#1	3357.1	37438.	4297.3	92.017	3828.9
#2	3383.1	37418.	4322.7	89.275	3840.4
#3	3382.8	37308.	4324.1	93.658	3847.7

Sample Name: ICSA01 Acquired: 3/21/2019 16:25:04 Type: Unk
Method: P4-ICP2(v2970) 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	.01702	.01112	-.00103	.00758	-.00680	272.00	.00324	.00084
Stddev	.00399	.00293	.00208	.00297	.00119	.92	.00102	.00015
%RSD	23.452	26.356	201.10	39.178	17.508	.34003	31.472	18.329
#1	.01681	.01313	.00128	.00920	-.00644	270.98	.00340	.00097
#2	.01314	.01248	-.00162	.00415	-.00583	272.79	.00417	.00067
#3	.02111	.00776	-.00276	.00938	-.00812	272.23	.00215	.00087
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00399	251.78	.04704	.00002	.00449	97.867	.01394	275.12
Stddev	.00008	1.06	.00100	.00016	.00154	.660	.00005	.71
%RSD	2.0793	.41964	2.1163	1007.9	34.227	.67439	.36871	.25986
#1	-.00392	251.57	.04787	-.00002	.00337	98.116	.01399	274.29
#2	-.00397	252.93	.04593	.00019	.00624	97.118	.01389	275.54
#3	-.00408	250.85	.04730	-.00012	.00385	98.366	.01394	275.52
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03286	-.00513	-.00711	.00008	-.01650	.14244	.00208	.09003
Stddev	.00075	.00051	.01678	.00026	.00015	.04490	.00014	.00386
%RSD	2.2939	10.041	236.10	318.98	.91805	31.524	6.9332	4.2887
#1	-.03272	-.00530	-.02166	.00036	-.01667	.19155	.00203	.08884
#2	-.03367	-.00553	-.01092	-.00016	-.01639	.10349	.00197	.08690
#3	-.03219	-.00455	.01125	.00005	-.01644	.13227	.00225	.09435
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .04157	-.01515	-.00561	-.00345	.01399	.0125	-.00195	4.4465
Stddev	.00274	.00171	.00028	.00095	.00349	.0015	.00075	.1153
%RSD	6.5800	11.292	4.9995	27.471	24.913	11.63	38.512	2.5929
#1	.03866	-.01337	-.00584	-.00424	.01015	.0113	-.00223	4.3505
#2	.04410	-.01531	-.00570	-.00371	.01486	.0120	-.00110	4.5744
#3	.04196	-.01678	-.00530	-.00240	.01696	.0141	-.00252	4.4147

Sample Name: ICSA01 Acquired: 3/21/2019 16:25:04 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	70.473
Stddev	.973
%RSD	1.3807

#1	70.168
#2	69.689
#3	71.562

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3045.5	33364.	4149.6	82.998	3111.6
Stddev	3.2	64.	9.1	.452	4.5
%RSD	.10552	.19115	.21867	.54428	.14470

#1	3043.7	33382.	4143.8	83.474	3107.6
#2	3043.6	33417.	4144.9	82.576	3110.8
#3	3049.2	33293.	4160.1	82.942	3116.5

Sample Name: ICSAB01 Acquired: 3/21/2019 16:29:42 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12309	.11807	.05292	.06395	.62949	265.76	.55928	.56347
Stddev	.00204	.00105	.00096	.00233	.00225	2.05	.00667	.00067
%RSD	1.6597	.89135	1.8159	3.6499	.35679	.77146	1.1922	.11963
#1	.12503	.11794	.05220	.06477	.62927	264.07	.55223	.56295
#2	.12327	.11918	.05255	.06132	.62736	265.17	.56013	.56423
#3	.12096	.11709	.05401	.06577	.63183	268.04	.56548	.56323
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0208	249.55	.58167	.51323	.50290	96.912	.54377	269.06
Stddev	.0025	1.88	.00074	.00127	.00140	.561	.00088	1.72
%RSD	.24219	.75391	.12693	.24835	.27838	.57934	.16168	.63818
#1	1.0199	250.23	.58243	.51256	.50361	97.305	.54326	267.82
#2	1.0236	250.99	.58163	.51470	.50380	96.269	.54326	268.34
#3	1.0189	247.42	.58096	.51244	.50129	97.163	.54478	271.02
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.98456	.18070	-.00388	.54268	1.0836	.11971	F .35806	F .45931
Stddev	.00165	.00073	.00477	.00144	.0023	.04957	.00024	.01449
%RSD	.16770	.40206	122.86	.26580	.20939	41.411	.06731	3.1540
#1	.98273	.18071	.00158	.54101	1.0817	.12127	.35781	.44292
#2	.98593	.18142	-.00602	.54352	1.0861	.06938	.35807	.46460
#3	.98501	.17997	-.00721	.54350	1.0830	.16848	.35829	.47041
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .09110	F .33157	F .35232	F .36235	F .06268	F .0639	F .04820	3.9902
Stddev	.00092	.00798	.00114	.00324	.00218	.0020	.00114	.3166
%RSD	1.0079	2.4061	.32307	.89535	3.4795	3.095	2.3733	7.9346
#1	.09046	.33610	.35161	.36312	.06044	.0650	.04764	3.6517
#2	.09069	.33625	.35363	.35879	.06279	.0616	.04952	4.2790
#3	.09216	.32235	.35172	.36513	.06480	.0651	.04744	4.0398

Sample Name: ICSAB01 Acquired: 3/21/2019 16:29:42 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	69.923
Stddev	.423
%RSD	.60456

#1	69.927
#2	69.499
#3	70.344

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3095.7	33922.	4154.6	84.759	3164.0
Stddev	8.7	116.	44.3	.224	8.7
%RSD	.28130	.34080	1.0660	.26447	.27474

#1	3088.6	33951.	4117.8	84.957	3166.3
#2	3093.2	34019.	4142.3	84.804	3154.4
#3	3105.4	33794.	4203.7	84.515	3171.4

Sample Name: CCV01 Acquired: 3/21/2019 16:34:09 Type: Unk
 Method: P4-ICP2(v2970) 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	4.8517	4.8743	4.8392	4.9365	4.8689	9.4810	9.7225	.24534
Stddev	.0051	.0077	.0030	.0224	.0099	.0571	.0707	.00046
%RSD	.10449	.15757	.06137	.45402	.20350	.60206	.72690	.18776
#1	4.8575	4.8725	4.8415	4.9611	4.8769	9.4401	9.6452	.24587
#2	4.8483	4.8677	4.8403	4.9310	4.8719	9.4567	9.7383	.24514
#3	4.8492	4.8827	4.8358	4.9173	4.8578	9.5462	9.7839	.24502
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4167	24.556	.98799	2.4115	1.2207	4.9478	2.4681	23.427
Stddev	.0022	.119	.00058	.0024	.0036	.0072	.0031	.180
%RSD	.09311	.48468	.05850	.10019	.29254	.14471	.12646	.76955
#1	2.4177	24.691	.98736	2.4141	1.2246	4.9542	2.4696	23.244
#2	2.4183	24.509	.98812	2.4109	1.2200	4.9401	2.4701	23.432
#3	2.4141	24.467	.98849	2.4094	1.2176	4.9493	2.4645	23.605
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4113	1.2349	24.236	2.4625	2.4128	24.028	4.8726	4.7120
Stddev	.0024	.0032	.166	.0025	.0053	.306	.0094	.0271
%RSD	.09750	.26068	.68458	.10266	.21828	1.2745	.19372	.57579
#1	2.4136	1.2376	24.049	2.4596	2.4187	23.678	4.8824	4.6863
#2	2.4114	1.2358	24.291	2.4639	2.4110	24.163	4.8717	4.7403
#3	2.4089	1.2313	24.367	2.4640	2.4087	24.244	4.8636	4.7094
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7311	5.0229	4.8179	4.9444	5.0060	4.810	5.0268	F 1.0481
Stddev	.0027	.0165	.0044	.0113	.0126	.005	.0086	.1627
%RSD	.05809	.32890	.09058	.22827	.25066	.1081	.17076	15.524
#1	4.7336	5.0417	4.8194	4.9423	4.9918	4.816	5.0171	.91776
#2	4.7316	5.0161	4.8214	4.9343	5.0103	4.809	5.0335	1.2305
#3	4.7282	5.0107	4.8130	4.9566	5.0158	4.806	5.0297	.99617

Sample Name: CCV01 Acquired: 3/21/2019 16:34:09 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.3573
Stddev .6463
%RSD 47.616

#1 2.0659
#2 1.2056
#3 .80032

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3299.3	36632.	4255.0	88.618	3507.1
Stddev	12.8	12.	26.3	.941	10.6
%RSD	.38746	.03326	.61901	1.0623	.30208

#1	3286.1	36646.	4229.3	89.274	3497.9
#2	3300.1	36626.	4253.7	87.539	3504.7
#3	3311.7	36624.	4282.0	89.041	3518.7

Sample Name: LLCCV01 Acquired: 3/21/2019 16:43:47 Type: Unk
Method: P4-ICP2(v2970) 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
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02353	.04094	.01266	.02192	.05579	.11716	.10460
Stddev	.00084	.00151	.00110	.00275	.00037	.00798	.00061
%RSD	3.5745	3.6821	8.6742	12.532	.65903	6.8143	.58656

#1	.02423	.04067	.01203	.02479	.05585	.12027	.10507
#2	.02260	.03959	.01393	.02166	.05540	.12312	.10390
#3	.02375	.04257	.01203	.01931	.05613	.10809	.10482

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00654	.00596	2.1419	.01092	.03002	.02135	.11023
Stddev	.00008	.00008	.0355	.00036	.00036	.00063	.00135
%RSD	1.2971	1.4072	1.6572	3.3244	1.2133	2.9303	1.2250

#1	.00647	.00596	2.1041	.01078	.03031	.02117	.10876
#2	.00664	.00587	2.1745	.01064	.02961	.02204	.11050
#3	.00651	.00604	2.1472	.01133	.03013	.02083	.11143

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02265	1.9566	.04096	.01164	1.9790	.04164	.03891
Stddev	.00019	.0460	.00039	.00010	.0121	.00042	.00024
%RSD	.85021	2.3494	.94145	.84822	.60970	1.0002	.62730

#1	.02249	1.9221	.04139	.01153	1.9859	.04197	.03864
#2	.02286	2.0088	.04085	.01172	1.9651	.04177	.03912
#3	.02261	1.9389	.04064	.01168	1.9861	.04117	.03897

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9857	.20923	.10068	F .00479	.40663	.03897	.04187
Stddev	.0270	.00139	.01178	.00544	.00463	.00041	.00224
%RSD	1.3600	.66507	11.703	113.78	1.1381	1.0535	5.3438

#1	2.0025	.20828	.08932	.00751	.40218	.03888	.04027
#2	2.0000	.21082	.09988	.00833	.41142	.03861	.04092
#3	1.9545	.20858	.11284	-.00148	.40629	.03942	.04443

Sample Name: LLCCV01 Acquired: 3/21/2019 16:43:47 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02265	.0186	.02220	F<.00000	F<.00000
Stddev	.00039	.0007	.00014	.09092	.57578
%RSD	1.7198	3.896	.62045	38.821	36.746

#1	.02240	.0193	.02232	-.19160	-1.3717
#2	.02246	.0179	.02222	-.33862	-2.2149
#3	.02310	.0187	.02205	-.17242	-1.1141

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3355.4	37064.	4168.7	85.411	3822.7
Stddev	9.3	56.	12.3	1.453	1.2
%RSD	.27799	.15139	.29623	1.7007	.03264

#1	3353.8	37023.	4180.9	87.067	3823.9
#2	3347.0	37042.	4156.2	84.350	3822.7
#3	3365.4	37128.	4168.9	84.817	3821.4

Sample Name: CCB01 Acquired: 3/21/2019 16:48:38 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00161	-.00236	-.00076	.00222	.00186	.00818	-.00054
Stddev	.00231	.00042	.00140	.00230	.00221	.01252	.00053
%RSD	143.59	17.813	182.97	103.53	118.79	153.03	98.675

#1	-.00426	-.00204	-.00085	.00447	.00206	.01369	-.00019
#2	-.00042	-.00283	.00068	.00231	.00397	.01700	-.00116
#3	-.00014	-.00220	-.00211	-.00012	-.00044	-.00615	-.00028

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00007	.01245	-.00015	.00019	-.00105	.00004
Stddev	.00002	.00005	.02692	.00028	.00010	.00023	.00053
%RSD	323.72	72.906	216.24	188.68	54.895	22.304	1432.3

#1	-.00000	-.00010	.03806	-.00041	.00030	-.00099	.00056
#2	-.00001	-.00011	.01489	.00015	.00012	-.00085	.00006
#3	.00003	-.00001	-.01561	-.00018	.00014	-.00131	-.00051

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.03757	-.00005	.00075	-.06468	-.00046	-.00020
Stddev	.00005	.02982	.00013	.00026	.00347	.00016	.00002
%RSD	53.435	79.386	252.73	34.905	5.3659	35.730	11.124

#1	-.00009	.03440	-.00020	.00099	-.06592	-.00064	-.00022
#2	-.00004	.06884	.00002	.00047	-.06077	-.00039	-.00018
#3	-.00014	.00945	.00003	.00079	-.06737	-.00033	-.00021

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02354	.00005	.01063	F -.02284	-.00069	-.00036	.00098
Stddev	.02789	.00014	.00321	.00422	.00176	.00070	.00158
%RSD	118.50	301.59	30.193	18.470	255.02	192.87	160.90

#1	.05497	.00021	.00693	-.02327	-.00107	.00010	.00020
#2	.00177	-.00004	.01226	-.01843	.00123	-.00117	-.00005
#3	.01387	-.00003	.01270	-.02683	-.00223	-.00002	.00279

Sample Name: CCB01 Acquired: 3/21/2019 16:48:38 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00197	.0001	.00021	F<.00000	F<.00000
Stddev	.00103	.0008	.00002	.37541	.58188
%RSD	52.244	837.6	9.1823	44.918	53.330
#1	.00109	.0008	.00022	-.50180	-1.6799
#2	.00310	-.0008	.00018	-.76341	-.51634
#3	.00171	.0003	.00021	-1.2421	-1.0771
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3398.5	37427.	4222.5	89.769	3885.1
Stddev	14.1	112.	5.8	2.412	1.0
%RSD	.41410	.29940	.13726	2.6864	.02689
#1	3404.3	37315.	4216.0	90.733	3885.0
#2	3382.5	37426.	4227.0	87.025	3884.2
#3	3408.9	37539.	4224.5	91.550	3886.2

Sample Name: LR CHECK 1 Acquired: 3/21/2019 16:54:01 Type: Unk
Method: P4-ICP2(v2970) 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	.04360	.06245	.11330	-.01916	-.05790	1886.6	.00144	.05762
Stddev	.00513	.00128	.00499	.01438	.00985	27.9	.00093	.00058
%RSD	11.769	2.0486	4.4076	75.063	17.005	1.4774	64.449	1.0077
#1	.04602	.06295	.11906	-.00261	-.04724	1917.7	.00041	.05738
#2	.04707	.06340	.11019	-.02629	-.05980	1863.8	.00169	.05828
#3	.03770	.06099	.11066	-.02859	-.06665	1878.4	.00222	.05719
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03101	F 1800.8	-.11146	.07862	1.3910	835.13	-.02172	F 1976.6
Stddev	.00065	7.4	.00106	.00074	.0046	2.35	.00044	27.3
%RSD	2.0883	.41292	.95253	.93543	.33022	.28175	2.0341	1.3797
#1	-.03149	1795.5	-.11025	.07783	1.3879	832.55	-.02163	2006.0
#2	-.03127	1809.3	-.11188	.07874	1.3963	837.15	-.02219	1971.9
#3	-.03027	1797.5	-.11225	.07929	1.3888	835.69	-.02132	1952.1
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52244	-.23485	F 1834.6	.00814	.07660	F 1064.9	.00200	.03655
Stddev	.00122	.00125	18.8	.00003	.00048	1.6	.00069	.03140
%RSD	.23390	.53018	1.0272	.33423	.62990	.15074	34.281	85.917
#1	.52203	-.23618	1851.0	.00816	.07687	1066.7	.00126	.00202
#2	.52148	-.23465	1838.6	.00816	.07605	1064.6	.00215	.06341
#3	.52382	-.23372	1814.0	.00811	.07690	1063.5	.00261	.04423
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53246	-.03949	-.03768	-.04965	.13356	.1385	-.90460	2.8525
Stddev	.00208	.00495	.00312	.00077	.00138	.0048	.00269	.0946
%RSD	.39011	12.538	8.2745	1.5506	1.0349	3.454	.29765	3.3176
#1	.53153	-.03750	-.03438	-.04933	.13231	.1440	-.90162	2.9559
#2	.53484	-.04513	-.04058	-.05053	.13504	.1366	-.90687	2.7701
#3	.53100	-.03584	-.03808	-.04909	.13332	.1350	-.90529	2.8314

Sample Name: LR CHECK 1 Acquired: 3/21/2019 16:54:01 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1296.6
 Stddev 3.2
 %RSD .24747

#1 1295.2
 #2 1294.3
 #3 1300.3

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2294.3	25038.	3464.5	62.619	2153.3
Stddev	1.4	10.	36.7	2.685	.6
%RSD	.06256	.03824	1.0594	4.2880	.02868

#1	2292.7	25028.	3502.4	63.907	2152.9
#2	2295.1	25047.	3462.0	64.417	2152.9
#3	2295.2	25040.	3429.1	59.532	2154.0

Sample Name: LR CHECK 2 Acquired: 3/21/2019 16:58:58 Type: Unk
Method: P4-ICP2(v2970) 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	.01065	.27233	234.63	.05709	-.06552	-.27957	96.849	-.00159
Stddev	.00534	.00228	.77	.00180	.00224	.01069	.593	.00011
%RSD	50.125	.83828	.33025	3.1530	3.4207	3.8229	.61265	7.2103
#1	.00743	.27402	235.27	.05912	-.06783	-.28216	97.525	-.00146
#2	.01681	.26973	233.77	.05570	-.06335	-.28872	96.414	-.00164
#3	.00771	.27323	234.85	.05645	-.06538	-.26782	96.608	-.00167
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00741	.30974	-.13222	-.01077	F 271.07	-.64623	42.870	.08108
Stddev	.00010	.00615	.00059	.00041	1.50	.01555	.194	.03754
%RSD	1.3951	1.9866	.44409	3.7905	.55409	2.4070	.45159	46.302
#1	-.00747	.30677	-.13289	-.01061	272.29	-.66413	43.082	.07228
#2	-.00747	.30563	-.13179	-.01123	269.39	-.63853	42.701	.04873
#3	-.00729	.31681	-.13199	-.01047	271.52	-.63603	42.828	.12225
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 51.263	.00225	1.5801	F 31.859	33.946	1.8791	-.01914	-.00385
Stddev	.218	.00025	.1842	.103	.194	.2803	.00055	.00325
%RSD	.42542	10.909	11.655	.32346	.57201	14.920	2.8821	84.602
#1	51.506	.00246	1.7654	31.849	34.161	2.1778	-.01852	-.00215
#2	51.086	.00231	1.5779	31.761	33.784	1.8378	-.01958	-.00179
#3	51.196	.00198	1.3971	31.966	33.892	1.6217	-.01932	-.00760
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12790	.56771	-.00102	.03003	.00836	.2080	.00300	1.9062
Stddev	.00352	.00416	.00033	.00237	.00187	.0048	.00022	.2709
%RSD	2.7498	.73307	32.400	7.8971	22.379	2.315	7.2253	14.213
#1	.12463	.56692	-.00073	.03097	.01038	.2082	.00275	2.1870
#2	.13162	.56400	-.00094	.02733	.00669	.2031	.00311	1.8854
#3	.12746	.57221	-.00138	.03179	.00801	.2127	.00313	1.6463

Sample Name: LR CHECK 2 Acquired: 3/21/2019 16:58:58 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.1633
Stddev	.7441
%RSD	17.873

#1	4.3206
#2	3.3531
#3	4.8162

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2258.0	38264.	3998.0	76.672	3606.7
Stddev	6.4	145.	29.3	1.775	6.5
%RSD	.28329	.38007	.73379	2.3156	.17956

#1	2253.4	38160.	4001.8	77.392	3599.5
#2	2255.3	38430.	4025.2	77.975	3608.7
#3	2265.3	38201.	3966.9	74.650	3612.0

Sample Name: PB118122BS Acquired: 3/21/2019 17:10:59 Type: Unk
Method: P4-ICP2(v2970) 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	.78659	2.0282	1.0027	2.0221	.80506	1.7669	.19983
Stddev	.00205	.0015	.0006	.0108	.00536	.0293	.00131
%RSD	.26014	.07493	.06089	.53205	.66548	1.6570	.65680

#1	.78662	2.0286	1.0020	2.0162	.80619	1.7755	.19938
#2	.78863	2.0296	1.0032	2.0156	.79922	1.7343	.19880
#3	.78453	2.0266	1.0028	2.0345	.80976	1.7909	.20131

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20216	.19378	F 1.2489	.43478	.20418	.32435	3.3050
Stddev	.00062	.00046	.0078	.00095	.00026	.00254	.0089
%RSD	.30714	.23624	.62823	.21955	.12523	.78256	.26965

#1	.20184	.19346	1.2566	.43369	.20418	.32545	3.3080
#2	.20177	.19357	1.2493	.43515	.20444	.32145	3.2950
#3	.20288	.19430	1.2409	.43549	.20393	.32615	3.3120

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21820	1.7329	.51073	.07693	3.2893	.32678	.21821
Stddev	.00026	.0642	.00236	.00040	.0250	.00128	.00066
%RSD	.11800	3.7074	.46263	.52467	.75997	.39264	.30126

#1	.21850	1.6975	.50914	.07690	3.2704	.32584	.21780
#2	.21803	1.8070	.50961	.07654	3.2800	.32824	.21785
#3	.21808	1.6941	.51345	.07734	3.3177	.32627	.21896

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9900	.40536	.25966	F -.00890	1.0563	.66011	.20070
Stddev	.0222	.00231	.01005	.00239	.0081	.00069	.00376
%RSD	.22203	.56972	3.8690	26.878	.76316	.10424	1.8710

#1	10.013	.40467	.25174	-.01132	1.0654	.65937	.20422
#2	9.9690	.40347	.27096	-.00886	1.0501	.66023	.19675
#3	9.9877	.40793	.25627	-.00653	1.0534	.66073	.20113

Sample Name: PB118122BS Acquired: 3/21/2019 17:10:59 Type: Unk
 Method: P4-ICP2(v2970) 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	.23228	5.359	.21690	F<.00000	F 7.8375
Stddev	.00160	.023	.00105	.20818	.2989
%RSD	.69035	.4221	.48250	105.77	3.8133
#1	.23075	5.345	.21577	-.09711	7.5091
#2	.23395	5.346	.21710	-.43611	7.9101
#3	.23213	5.385	.21784	-.05727	8.0934
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3420.0	38059.	3991.5	75.531	3882.4
Stddev	11.7	104.	23.5	.801	5.8
%RSD	.34308	.27241	.58956	1.0602	.14889
#1	3409.2	37950.	3968.0	76.392	3880.4
#2	3432.5	38157.	3991.3	75.392	3877.9
#3	3418.5	38069.	4015.1	74.808	3888.9

Sample Name: K1992-01 Acquired: 3/21/2019 17:15:06 Type: Unk
Method: P4-ICP2(v2970) 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	.03856	-.00989	1.6683	.06149	.03961	46.542	.76153	.00301
Stddev	.00271	.00064	.0026	.00448	.00203	.121	.00196	.00011
%RSD	7.0305	6.4906	.15584	7.2823	5.1271	.26005	.25789	3.7521
#1	.03583	-.00928	1.6658	.06495	.03766	46.481	.76080	.00292
#2	.03860	-.00984	1.6680	.05643	.04171	46.464	.76003	.00313
#3	.04125	-.01056	1.6710	.06309	.03946	46.681	.76375	.00297
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09179	314.19	.20229	.08052	7.7037	108.82	2.8229	14.632
Stddev	.00031	1.35	.00123	.00030	.0178	.73	.0082	.048
%RSD	.33957	.43095	.60971	.37191	.23140	.66833	.29166	.32936
#1	.09144	315.25	.20369	.08076	7.7218	109.58	2.8324	14.688
#2	.09190	312.66	.20180	.08019	7.7033	108.13	2.8178	14.603
#3	.09203	314.65	.20137	.08061	7.6861	108.74	2.8184	14.606
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41553	-.00517	14.747	.11791	5.6565	18.997	.02257	.56516
Stddev	.00147	.00039	.015	.00161	.0043	.095	.00049	.03122
%RSD	.35288	7.4524	.09926	1.3675	.07546	.50136	2.1535	5.5246
#1	.41683	-.00476	14.763	.11952	5.6603	18.889	.02231	.57254
#2	.41394	-.00552	14.746	.11629	5.6574	19.068	.02226	.53091
#3	.41582	-.00525	14.734	.11792	5.6519	19.034	.02313	.59204
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 16.004	4.2026	F 21.736	1.1584	.06896	7.677	.91160	1.9535
Stddev	.030	.0396	.015	.0120	.00168	.032	.00537	.2614
%RSD	.18692	.94163	.06675	1.0378	2.4361	.4143	.58882	13.379
#1	16.020	4.2478	21.748	1.1634	.06954	7.714	.91427	2.2347
#2	15.969	4.1744	21.739	1.1447	.06707	7.656	.90542	1.9078
#3	16.023	4.1855	21.720	1.1672	.07028	7.662	.91511	1.7180

Sample Name: K1992-01 Acquired: 3/21/2019 17:15:06 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	89.230
Stddev	.278
%RSD	.31114

#1	88.945
#2	89.246
#3	89.500

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3163.9	36277.	4071.7	72.833	3418.6
Stddev	7.7	98.	29.7	.689	3.6
%RSD	.24327	.26962	.73028	.94598	.10599

#1	3156.5	36166.	4041.2	73.224	3415.6
#2	3163.3	36351.	4100.6	73.236	3417.6
#3	3171.9	36314.	4073.5	72.037	3422.6

Sample Name: K1992-02 Acquired: 3/21/2019 17:24:04 Type: Unk
Method: P4-ICP2(v2970) 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	.02522	-.00584	3.2099	.03969	.10027	16.195	.49775	.00101
Stddev	.00313	.00054	.0099	.00089	.00065	.031	.00192	.00014
%RSD	12.407	9.3221	.30857	2.2548	.65191	.19133	.38606	13.988

#1	.02872	-.00552	3.2026	.03866	.09964	16.223	.49981	.00092
#2	.02422	-.00553	3.2212	.04014	.10022	16.161	.49600	.00117
#3	.02271	-.00647	3.2059	.04028	.10094	16.201	.49745	.00093

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13698	105.07	.39264	.04163	.72732	65.623	.70162	11.914
Stddev	.00027	.54	.00127	.00006	.00329	.191	.00147	.080
%RSD	.19845	.51400	.32415	.13822	.45187	.29163	.20894	.67092

#1	.13711	104.66	.39304	.04157	.72604	65.534	.70329	11.829
#2	.13716	105.68	.39122	.04168	.73105	65.492	.70056	11.926
#3	.13667	104.88	.39367	.04163	.72486	65.843	.70101	11.987

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9993	-.00137	10.340	.03177	5.0324	16.108	.02351	.31119
Stddev	.0008	.00023	.033	.00077	.0050	.103	.00019	.01182
%RSD	.04026	16.686	.31659	2.4090	.09878	.64063	.80782	3.7996

#1	2.0000	-.00129	10.377	.03256	5.0368	16.028	.02369	.32483
#2	1.9985	-.00120	10.324	.03172	5.0335	16.072	.02332	.30387
#3	1.9996	-.00163	10.318	.03103	5.0270	16.225	.02351	.30487

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8065	9.1139	.16446	.47881	.03194	4.755	.37128	1.4066
Stddev	.0245	.0480	.00202	.00127	.00095	.011	.00354	.2854
%RSD	.31323	.52671	1.2272	.26545	2.9587	.2314	.95476	20.291

#1	7.8315	9.0705	.16679	.47824	.03094	4.746	.36961	1.2605
#2	7.8053	9.1655	.16324	.47792	.03208	4.767	.37536	1.7355
#3	7.7827	9.1058	.16335	.48026	.03281	4.751	.36889	1.2238

Sample Name: K1992-02 Acquired: 3/21/2019 17:24:04 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 51.848
 Stddev .642
 %RSD 1.2373

#1 52.271
 #2 52.163
 #3 51.110

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3236.0	36653.	3978.1	73.842	3629.3
Stddev	11.9	26.	35.1	1.780	8.6
%RSD	.36767	.07170	.88277	2.4105	.23782

#1	3230.1	36667.	4007.4	74.456	3620.1
#2	3228.2	36623.	3939.2	71.837	3630.7
#3	3249.7	36670.	3987.8	75.234	3637.2

Sample Name: K1992-03 Acquired: 3/21/2019 17:28:23 Type: Unk
Method: P4-ICP2(v2970) 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	.00219	-.00845	.27635	.01331	.01537	2.2575	.06307	.00017
Stddev	.00175	.00089	.00091	.00236	.00260	.0218	.00048	.00013
%RSD	80.213	10.542	.32844	17.759	16.893	.96467	.75818	77.455

#1	.00249	-.00811	.27739	.01061	.01806	2.2391	.06319	.00008
#2	.00377	-.00778	.27572	.01434	.01287	2.2518	.06254	.00010
#3	.00030	-.00946	.27595	.01499	.01518	2.2815	.06347	.00032

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01409	22.332	.01759	.00644	.12959	9.4696	.15185	2.1543
Stddev	.00014	.091	.00050	.00019	.00056	.0133	.00020	.0384
%RSD	.97196	.40761	2.8455	2.8876	.42899	.14038	.13323	1.7841

#1	.01424	22.239	.01793	.00658	.13009	9.4688	.15175	2.1146
#2	.01398	22.421	.01701	.00623	.12899	9.4832	.15171	2.1569
#3	.01405	22.337	.01781	.00650	.12968	9.4566	.15208	2.1914

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02557	.00030	17.719	.00678	1.6208	11.831	.00164	.37406
Stddev	.00039	.00011	.057	.00020	.0039	.033	.00021	.00390
%RSD	1.5069	35.422	.32336	3.0138	.23890	.28132	12.974	1.0424

#1	.02586	.00022	17.776	.00693	1.6248	11.796	.00158	.37488
#2	.02514	.00042	17.661	.00655	1.6206	11.837	.00147	.37749
#3	.02572	.00026	17.719	.00687	1.6170	11.862	.00188	.36982

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0161	3.6647	.01372	.10338	.01488	.8722	.09538	.45329
Stddev	.0659	.0089	.00065	.00228	.00056	.0057	.00028	.18256
%RSD	.73035	.24267	4.7344	2.2059	3.7567	.6572	.29773	40.276

#1	9.0847	3.6635	.01305	.10079	.01449	.8787	.09529	.64179
#2	9.0104	3.6741	.01378	.10425	.01463	.8701	.09570	.27730
#3	8.9533	3.6565	.01434	.10509	.01552	.8678	.09515	.44077

Sample Name: K1992-03 Acquired: 3/21/2019 17:28:23 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 8.5853
 Stddev .6830
 %RSD 7.9549

#1 7.8966
 #2 8.5970
 #3 9.2624

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3353.7	37599.	4026.9	73.831	3789.7
Stddev	7.8	95.	31.4	1.220	10.6
%RSD	.23216	.25313	.78092	1.6525	.27846

#1	3361.6	37500.	4001.4	73.331	3779.3
#2	3353.5	37609.	4017.2	72.940	3789.4
#3	3346.0	37689.	4062.0	75.221	3800.4

Sample Name: K1992-04 Acquired: 3/21/2019 17:32:39 Type: Unk
Method: P4-ICP2(v2970) 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	-.00003	-.00698	.01337	.00834	.00346	.34219	.00901	.00001
Stddev	.00217	.00106	.00042	.00311	.00026	.00139	.00076	.00004
%RSD	8616.3	15.210	3.1263	37.233	7.6341	.40556	8.4823	592.05

#1	-.00185	-.00589	.01369	.01152	.00361	.34072	.00974	-.00004
#2	-.00059	-.00704	.01290	.00531	.00316	.34238	.00907	.00001
#3	.00237	-.00802	.01352	.00821	.00362	.34348	.00821	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	7.9026	.00476	.04230	.02384	.53573	.01128	1.2390
Stddev	.00002	.0476	.00042	.00006	.00078	.00185	.00010	.0076
%RSD	5.4467	.60180	8.7611	.14257	3.2776	.34485	.84908	.60907

#1	.00040	7.9441	.00485	.04223	.02472	.53641	.01130	1.2447
#2	.00045	7.9130	.00430	.04231	.02322	.53364	.01118	1.2304
#3	.00042	7.8507	.00512	.04235	.02359	.53714	.01137	1.2418

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00447	.00009	3.5054	.00080	.98124	.66360	.00032	.05387
Stddev	.00028	.00057	.0293	.00047	.00032	.02304	.00032	.01760
%RSD	6.1694	650.66	.83468	58.998	.03275	3.4720	101.54	32.677

#1	.00464	.00065	3.4746	.00038	.98161	.67353	.00062	.06635
#2	.00415	.00009	3.5088	.00071	.98103	.63726	-.00002	.06151
#3	.00461	-.00048	3.5328	.00132	.98108	.68001	.00035	.03373

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2560	.80784	.00422	.02689	.00553	.1845	.01201	<.00000
Stddev	.0074	.00431	.00063	.00152	.00120	.0019	.00011	.13762
%RSD	.59047	.53359	14.844	5.6586	21.706	1.018	.87590	14.311

#1	1.2535	.81074	.00436	.02592	.00497	.1866	.01206	-1.1088
#2	1.2644	.80288	.00353	.02865	.00471	.1830	.01189	-.94008
#3	1.2502	.80988	.00476	.02611	.00691	.1840	.01209	-.83613

Sample Name: K1992-04 Acquired: 3/21/2019 17:32:39 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.6457
 Stddev .9132
 %RSD 34.517

#1 1.7769
 #2 3.5976
 #3 2.5625

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3411.7	38129.	4034.8	76.097	3998.8
Stddev	17.8	90.	32.2	1.798	8.6
%RSD	.52221	.23551	.79824	2.3626	.21608

#1	3393.2	38097.	3997.7	77.025	3989.1
#2	3428.7	38231.	4052.8	77.242	4001.6
#3	3413.2	38060.	4054.0	74.025	4005.7

Sample Name: K1992-05 Acquired: 3/21/2019 17:37:02 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	-.00863	.01191	.00737	.00490	.40259	.01691	.00007
Stddev	.00199	.00054	.00109	.00309	.00167	.01149	.00042	.00006
%RSD	660.58	6.2038	9.1295	41.858	34.152	2.8548	2.4650	85.574

#1	-.00151	-.00892	.01317	.00897	.00664	.41254	.01713	.00000
#2	.00243	-.00896	.01123	.00382	.00330	.39001	.01718	.00011
#3	-.00002	-.00802	.01134	.00934	.00477	.40523	.01643	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	2.5601	.00599	.00120	.02743	.92374	.01643	1.2670
Stddev	.00005	.0180	.00049	.00018	.00029	.00146	.00003	.0365
%RSD	12.152	.70355	8.1160	14.595	1.0493	.15783	.16646	2.8849

#1	.00039	2.5416	.00654	.00104	.02724	.92266	.01646	1.2507
#2	.00050	2.5775	.00566	.00139	.02730	.92317	.01640	1.3089
#3	.00045	2.5613	.00575	.00117	.02776	.92540	.01643	1.2415

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00521	.00034	8.0791	.00146	1.7325	3.7930	.00005	.20719
Stddev	.00028	.00053	.0575	.00040	.0015	.0505	.00016	.00737
%RSD	5.3023	154.05	.71106	27.286	.08963	1.3321	302.49	3.5559

#1	.00501	.00093	8.1346	.00113	1.7323	3.7551	.00011	.20105
#2	.00553	.00022	8.0199	.00190	1.7341	3.7734	.00018	.20516
#3	.00510	-.00011	8.0829	.00136	1.7311	3.8503	-.00013	.21536

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4210	1.2441	.00329	.01950	.00363	.4226	.01144	<.00000
Stddev	.0238	.0072	.00024	.00259	.00189	.0026	.00010	.53689
%RSD	.69588	.57877	7.2279	13.260	51.983	.6110	.84559	94.733

#1	3.4456	1.2358	.00304	.02169	.00167	.4254	.01135	-.59964
#2	3.4193	1.2489	.00333	.02015	.00378	.4223	.01155	-.01416
#3	3.3980	1.2476	.00351	.01665	.00544	.4202	.01142	-1.0864

Sample Name: K1992-05 Acquired: 3/21/2019 17:37:02 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.4243
Stddev	1.7913
%RSD	52.311

#1	3.4197
#2	5.2178
#3	1.6353

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3406.8	38254.	4035.4	75.380	3990.3
Stddev	15.5	165.	29.2	3.074	13.1
%RSD	.45615	.43090	.72363	4.0774	.32929

#1	3417.9	38065.	4036.1	78.308	3980.0
#2	3413.6	38331.	4005.9	72.179	3985.6
#3	3389.1	38367.	4064.3	75.653	4005.1

Sample Name: K1992-06 Acquired: 3/21/2019 17:41:24 Type: Unk
Method: P4-ICP2(v2970) 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	-.00212	-.00959	.01303	.00757	.00506	.65351	.03626	.00008
Stddev	.00195	.00078	.00066	.00322	.00076	.00992	.00039	.00008
%RSD	91.902	8.1757	5.0283	42.468	14.975	1.5181	1.0643	91.234

#1	-.00279	-.01019	.01270	.00391	.00572	.65698	.03624	.00015
#2	.00008	-.00870	.01379	.00890	.00524	.64232	.03666	.00010
#3	-.00363	-.00987	.01261	.00991	.00423	.66123	.03588	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00243	3.8708	.00601	.00112	.05079	1.7310	.02754	1.3855
Stddev	.00002	.0125	.00025	.00036	.00016	.0010	.00012	.0325
%RSD	.97252	.32337	4.0909	32.144	.32279	.05464	.42006	2.3420

#1	.00241	3.8831	.00626	.00109	.05087	1.7320	.02765	1.4173
#2	.00243	3.8581	.00576	.00149	.05060	1.7306	.02742	1.3524
#3	.00246	3.8711	.00602	.00077	.05089	1.7302	.02756	1.3869

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00763	.00068	5.9670	.00204	3.3278	4.6575	.00001	.10853
Stddev	.00006	.00036	.0356	.00049	.0025	.0335	.00033	.01041
%RSD	.83075	53.552	.59692	24.207	.07460	.71932	5805.0	9.5949

#1	.00757	.00090	5.9283	.00158	3.3259	4.6399	-.00021	.11755
#2	.00770	.00088	5.9743	.00256	3.3306	4.6961	-.00016	.11090
#3	.00763	.00026	5.9985	.00197	3.3268	4.6364	.00038	.09713

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3688	1.6255	.01976	.02738	.00120	.5386	.01379	<.00000
Stddev	.0095	.0163	.00074	.00299	.00198	.0010	.00011	.47257
%RSD	.28296	1.0015	3.7358	10.902	164.30	.1844	.80082	72.525

#1	3.3771	1.6431	.02053	.02402	-.00100	.5384	.01366	-1.1972
#2	3.3584	1.6223	.01906	.02973	.00178	.5377	.01384	-.37119
#3	3.3709	1.6110	.01968	.02839	.00283	.5397	.01387	-.38640

Sample Name: K1992-06 Acquired: 3/21/2019 17:41:24 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.2604
 Stddev .8911
 %RSD 20.915

#1 3.8599
 #2 3.6398
 #3 5.2814

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3413.3	38654.	4058.6	75.853	4040.6
Stddev	4.3	78.	9.4	.677	4.8
%RSD	.12505	.20241	.23257	.89255	.11833

#1	3416.8	38726.	4050.4	75.500	4043.0
#2	3408.5	38664.	4068.9	75.425	4035.1
#3	3414.5	38571.	4056.6	76.633	4043.7

Sample Name: PB118122BL Acquired: 3/21/2019 17:45:47 Type: Unk
Method: P4-ICP2(v2970) 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	-.00415	-.00205	.00113	.00205	-.00056	-.06763	.00070	-.00003
Stddev	.00289	.00083	.00042	.00398	.00124	.00523	.00021	.00005
%RSD	69.646	40.235	37.348	193.94	221.82	7.7371	30.345	159.65

#1	-.00095	-.00110	.00087	.00571	-.00080	-.06441	.00094	-.00004
#2	-.00494	-.00256	.00090	-.00219	-.00167	-.06482	.00055	.00002
#3	-.00656	-.00250	.00162	.00264	.00078	-.07367	.00060	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00011	-.00289	-.00052	.00043	-.00147	.00002	.00003	.02043
Stddev	.00006	.00933	.00044	.00008	.00007	.00036	.00003	.03925
%RSD	54.887	323.32	84.561	19.626	4.7612	2104.7	89.812	192.16

#1	-.00016	-.00719	-.00083	.00046	-.00143	-.00018	.00005	.01748
#2	-.00004	-.00929	-.00002	.00049	-.00142	.00044	.00005	-.01727
#3	-.00011	.00782	-.00070	.00034	-.00155	-.00021	-.00000	.06107

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00060	.00051	.04260	-.00073	-.00106	.01563	-.00037	.00383
Stddev	.00050	.00045	.00710	.00029	.00006	.06367	.00014	.00287
%RSD	82.715	87.904	16.658	39.045	5.7932	407.39	38.008	74.986

#1	.00064	-.00000	.03499	-.00041	-.00101	.08882	-.00032	.00062
#2	.00108	.00084	.04904	-.00085	-.00113	-.02695	-.00025	.00470
#3	.00008	.00070	.04378	-.00095	-.00103	-.01499	-.00052	.00617

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02236	.00018	.00061	.00155	.00379	.0007	.00018	<.00000
Stddev	.00378	.00274	.00033	.00286	.00216	.0018	.00005	.30742
%RSD	16.927	1541.2	54.965	184.50	56.967	278.2	28.460	68.140

#1	-.02303	.00180	.00068	.00090	.00520	.0023	.00019	-.80552
#2	-.01828	.00172	.00090	-.00093	.00487	-.0013	.00013	-.29224
#3	-.02576	-.00299	.00024	.00468	.00130	.0010	.00024	-.25573

Sample Name: PB118122BL Acquired: 3/21/2019 17:45:47 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .46159
%RSD 138.10

#1 -.72122
#2 .17667
#3 -.45815

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3476.3	38199.	4013.1	75.317	3986.3
Stddev	6.9	40.	34.9	2.126	2.0
%RSD	.19921	.10444	.86937	2.8230	.05134

#1	3484.2	38154.	4020.2	76.900	3984.7
#2	3472.8	38213.	4043.8	76.150	3985.6
#3	3471.7	38231.	3975.2	72.900	3988.6

Sample Name: CCV02 Acquired: 3/21/2019 17:51:46 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV14721 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7295	4.8248	4.7134	4.9876	4.7447	F 8.5075	9.1403	.24042
Stddev	.0149	.0022	.0097	.0137	.0060	.0344	.0621	.00034
%RSD	.31431	.04592	.20670	.27440	.12717	.40409	.67889	.14349
#1	4.7449	4.8274	4.7084	4.9867	4.7458	8.4792	9.1306	.24080
#2	4.7284	4.8235	4.7247	4.9745	4.7501	8.5458	9.2067	.24033
#3	4.7152	4.8235	4.7072	5.0018	4.7382	8.4976	9.0837	.24013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3636	24.496	.98270	2.3748	1.1812	4.9418	2.4656	F 20.283
Stddev	.0039	.134	.00151	.0043	.0022	.0027	.0003	.222
%RSD	.16640	.54508	.15359	.18322	.18690	.05497	.01089	1.0951
#1	2.3664	24.412	.98245	2.3757	1.1815	4.9427	2.4653	20.076
#2	2.3653	24.427	.98432	2.3787	1.1832	4.9388	2.4659	20.256
#3	2.3591	24.650	.98133	2.3701	1.1788	4.9440	2.4657	20.518
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3743	1.2315	23.420	2.4951	2.3296	23.124	4.8041	F 4.0833
Stddev	.0027	.0040	.159	.0025	.0039	.088	.0032	.0138
%RSD	.11550	.32838	.67816	.10105	.16798	.38183	.06666	.33879
#1	2.3755	1.2308	23.346	2.4979	2.3300	23.084	4.8023	4.0679
#2	2.3762	1.2359	23.602	2.4945	2.3333	23.225	4.8078	4.0877
#3	2.3712	1.2279	23.311	2.4930	2.3255	23.063	4.8023	4.0945
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6004	5.3146	4.6870	4.8023	5.1474	4.763	5.0247	F 2.6183
Stddev	.0160	.0281	.0115	.0135	.0112	.004	.0042	.1419
%RSD	.34695	.52811	.24555	.28144	.21724	.0802	.08420	5.4213
#1	4.6160	5.3283	4.6861	4.7902	5.1566	4.763	5.0296	2.6808
#2	4.6009	5.2823	4.6989	4.7999	5.1350	4.767	5.0219	2.7183
#3	4.5841	5.3331	4.6759	4.8169	5.1508	4.760	5.0227	2.4558

Sample Name: CCV02 Acquired: 3/21/2019 17:51:46 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV14721 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4620
Stddev	1.0915
%RSD	44.336

#1	3.6961
#2	2.0665
#3	1.6233

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3315.0	36452.	3921.7	73.827	3548.7
Stddev	2.2	99.	19.6	1.449	7.1
%RSD	.06774	.27138	.49996	1.9631	.19967

#1	3316.8	36366.	3903.3	74.980	3545.2
#2	3312.5	36429.	3942.4	74.301	3544.1
#3	3315.7	36560.	3919.5	72.200	3556.9

Sample Name: CCB02 Acquired: 3/21/2019 17:58:40 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB14721 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00302	-.00018	.00203	F .00698	.00200	-.05717	-.00035
Stddev	.00100	.00078	.00073	.00356	.00076	.00939	.00069
%RSD	33.050	441.21	35.762	51.017	38.244	16.420	195.58

#1	-.00287	-.00084	.00274	.00814	.00171	-.06801	-.00080
#2	-.00211	-.00038	.00208	.00982	.00142	-.05189	.00044
#3	-.00409	.00069	.00128	.00299	.00286	-.05161	-.00069

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00016	-.03388	-.00043	.00050	-.00112	.00031
Stddev	.00002	.00005	.02096	.00056	.00017	.00068	.00045
%RSD	52.352	30.023	61.874	129.52	33.802	60.651	147.13

#1	.00004	-.00022	-.02314	-.00013	.00069	-.00187	.00064
#2	.00003	-.00013	-.02047	-.00008	.00041	-.00094	.00050
#3	.00007	-.00015	-.05804	-.00107	.00039	-.00055	-.00021

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.01171	-.00022	.00123	.01440	-.00012	-.00128
Stddev	.00005	.02384	.00030	.00022	.00887	.00022	.00005
%RSD	184.41	203.62	133.07	18.008	61.639	187.78	4.0557

#1	-.00004	-.01305	-.00057	.00148	.01488	-.00029	-.00131
#2	.00003	.03450	-.00006	.00115	.02301	-.00019	-.00132
#3	-.00006	.01367	-.00004	.00105	.00529	.00013	-.00122

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01127	-.00029	.01237	F -.02069	-.00029	.00148	.00016
Stddev	.03459	.00018	.00877	.00040	.00079	.00020	.00120
%RSD	306.97	63.607	70.879	1.9329	276.00	13.597	734.14

#1	.04993	-.00008	.00501	-.02056	-.00004	.00164	.00142
#2	.00065	-.00042	.02208	-.02113	-.00118	.00125	.00004
#3	-.01677	-.00038	.01004	-.02036	.00035	.00156	-.00097

Sample Name: CCB02 Acquired: 3/21/2019 17:58:40 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB14721 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00849	.0009	.00028	F .72548	F<.00000
Stddev	.00083	.0015	.00005	.50830	.38832
%RSD	9.8169	162.7	16.383	70.064	39.758

#1	.00753	.0025	.00032	.99809	-1.4054
#2	.00901	.0005	.00030	.13903	-.87607
#3	.00893	-.0003	.00023	1.0393	-.64859

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3385.7	36979.	3893.0	73.408	3877.5
Stddev	11.7	109.	27.6	.605	4.8
%RSD	.34429	.29600	.70847	.82464	.12379

#1	3398.6	36911.	3861.6	73.842	3872.9
#2	3382.7	37105.	3913.3	72.717	3877.2
#3	3375.9	36921.	3904.1	73.667	3882.4

Sample Name: PB118123BL Acquired: 3/21/2019 18:03:09 Type: Unk
Method: P4-ICP2(v2970) 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	-.00206	-.00199	-.00180	F .00577	.00052	-.04857	.00162
Stddev	.00159	.00199	.00105	.00159	.00105	.00571	.00081
%RSD	77.255	100.07	58.333	27.579	202.88	11.754	49.932

#1	-.00073	-.00239	-.00091	.00398	-.00025	-.05516	.00170
#2	-.00163	.00017	-.00295	.00631	.00009	-.04528	.00077
#3	-.00382	-.00376	-.00153	.00702	.00172	-.04527	.00238

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00016	.01269	F .00379	.00051	-.00248	.02381
Stddev	.00002	.00006	.00640	.00047	.00025	.00029	.00030
%RSD	178.01	37.430	50.422	12.377	48.257	11.609	1.2697

#1	.00003	-.00010	.01930	.00372	.00077	-.00269	.02352
#2	-.00001	-.00015	.00652	.00337	.00049	-.00260	.02379
#3	.00001	-.00022	.01227	.00430	.00028	-.00215	.02413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	.02679	.00172	.00009	-.01744	-.00042	.00014
Stddev	.00005	.05190	.00024	.00020	.00883	.00014	.00004
%RSD	13.962	193.75	14.059	221.53	50.633	34.192	32.077

#1	.00028	-.01760	.00163	.00016	-.02636	-.00028	.00019
#2	.00038	.01411	.00199	-.00013	-.01724	-.00057	.00011
#3	.00033	.08385	.00153	.00024	-.00871	-.00040	.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02383	-.00022	.00867	F -.02920	.00259	.00051	.00212
Stddev	.05994	.00027	.00292	.00275	.00155	.00042	.00195
%RSD	251.52	118.89	33.730	9.4319	60.037	82.836	92.029

#1	-.06280	.00008	.01196	-.03131	.00390	.00100	.00034
#2	.04519	-.00042	.00637	-.02608	.00087	.00020	.00182
#3	-.05388	-.00033	.00767	-.03020	.00299	.00034	.00421

Sample Name: PB118123BL Acquired: 3/21/2019 18:03:09 Type: Unk
 Method: P4-ICP2(v2970) 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	.00038	F .0066	.00023	F<.00000	F<.00000
Stddev	.00290	.0012	.00012	.28137	.55611
%RSD	765.12	18.88	51.029	27.956	406.03
#1	.00287	.0051	.00010	-1.0866	-.42509
#2	.00107	.0073	.00026	-.69370	.50409
#3	-.00280	.0073	.00033	-1.2390	-.48989
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3470.1	38519.	4026.3	77.761	4001.8
Stddev	8.1	87.	28.6	.869	8.9
%RSD	.23322	.22531	.71112	1.1173	.22220
#1	3461.5	38488.	4042.7	77.917	3991.6
#2	3471.2	38452.	4043.0	78.542	4008.0
#3	3477.6	38617.	3993.3	76.825	4005.8

Sample Name: PB118123BS Acquired: 3/21/2019 18:07:39 Type: Unk
Method: P4-ICP2(v2970) 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	.75985	2.0000	.96186	2.0166	.81178	1.7049	.19296
Stddev	.01862	.0423	.01991	.0360	.01847	.0215	.00187
%RSD	2.4511	2.1157	2.0704	1.7869	2.2758	1.2627	.96719
#1	.78135	2.0485	.98480	2.0581	.83255	1.6856	.19082
#2	.74869	1.9702	.94900	1.9941	.80560	1.7009	.19428
#3	.74952	1.9815	.95179	1.9975	.79718	1.7281	.19377
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19782	.18948	1.0777	.42894	.20023	.31241	3.2460
Stddev	.00033	.00423	.0080	.00128	.00401	.00788	.0067
%RSD	.16503	2.2307	.74679	.29780	2.0038	2.5221	.20526
#1	.19749	.19435	1.0693	.42813	.20487	.32140	3.2482
#2	.19783	.18676	1.0853	.42827	.19787	.30673	3.2385
#3	.19814	.18733	1.0784	.43041	.19797	.30909	3.2512
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21652	1.7069	.49947	.07719	2.9097	.32767	.18883
Stddev	.00094	.0155	.00998	.00022	.0252	.00169	.00418
%RSD	.43559	.90530	1.9989	.28075	.86539	.51489	2.2162
#1	.21633	1.6964	.51099	.07733	2.8844	.32614	.19366
#2	.21568	1.6997	.49326	.07694	2.9099	.32739	.18636
#3	.21754	1.7247	.49416	.07730	2.9348	.32948	.18646
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4275	.41412	.24841	F -.03152	.93703	.66159	.20103
Stddev	.0724	.00902	.00730	.00500	.00343	.01310	.00063
%RSD	.76802	2.1774	2.9389	15.872	.36577	1.9802	.31260
#1	9.3453	.42453	.24570	-.02683	.93893	.67670	.20054
#2	9.4553	.40921	.24285	-.03678	.93908	.65347	.20174
#3	9.4819	.40863	.25667	-.03095	.93307	.65460	.20080

Sample Name: PB118123BS Acquired: 3/21/2019 18:07:39 Type: Unk
Method: P4-ICP2(v2970) 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	.22335	5.268	.21189	F .38208	F 6.4877
Stddev	.00109	.112	.00032	.21527	.6310
%RSD	.48828	2.132	.15156	56.341	9.7264
#1	.22456	5.395	.21204	.16894	6.6159
#2	.22306	5.182	.21211	.37788	7.0448
#3	.22244	5.227	.21152	.59941	5.8024
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3428.0	38040.	3972.8	75.494	3925.4
Stddev	71.7	57.	22.0	1.299	77.9
%RSD	2.0915	.14895	.55444	1.7200	1.9840
#1	3345.7	38017.	3953.3	75.933	3835.8
#2	3462.0	38104.	3968.3	76.517	3964.0
#3	3476.5	37998.	3996.7	74.033	3976.5

Sample Name: K1992-07 Acquired: 3/21/2019 18:11:49 Type: Unk
Method: P4-ICP2(v2970) 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	.00112	-.00875	.01466	.01107	.01710	.41704	.04542	.00001
Stddev	.00204	.00075	.00061	.00118	.00107	.01731	.00019	.00004
%RSD	183.11	8.5949	4.1595	10.674	6.2423	4.1511	.41249	787.30

#1	.00283	-.00944	.01529	.01230	.01664	.39825	.04558	.00002
#2	-.00114	-.00886	.01408	.00994	.01832	.42053	.04546	-.00004
#3	.00166	-.00795	.01459	.01097	.01635	.43234	.04521	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	3.3950	.00507	.00110	.12760	1.3179	.02337	.50727
Stddev	.00009	.0256	.00053	.00017	.00109	.0070	.00017	.02642
%RSD	90.504	.75312	10.497	15.045	.85103	.53383	.71514	5.2083

#1	.00005	3.3671	.00445	.00103	.12885	1.3121	.02327	.50964
#2	.00005	3.4005	.00536	.00129	.12710	1.3257	.02357	.47975
#3	.00020	3.4174	.00539	.00099	.12685	1.3158	.02329	.53243

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00579	.00081	4.1154	.00119	2.4754	3.8551	-.00039	.08438
Stddev	.00031	.00049	.0125	.00000	.0047	.0519	.00005	.00500
%RSD	5.3405	60.694	.30388	.21347	.19094	1.3452	11.940	5.9256

#1	.00574	.00133	4.1095	.00119	2.4797	3.7967	-.00036	.08802
#2	.00551	.00034	4.1069	.00119	2.4704	3.8959	-.00038	.08643
#3	.00612	.00077	4.1297	.00119	2.4761	3.8726	-.00045	.07868

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7685	1.1579	.00421	.02821	.00252	.8392	.00967	<.00000
Stddev	.0130	.0032	.00016	.00098	.00302	.0068	.00009	.20267
%RSD	.47064	.27883	3.7184	3.4798	120.18	.8053	.93164	26.565

#1	2.7822	1.1549	.00435	.02853	-.00097	.8469	.00958	-.57809
#2	2.7563	1.1613	.00404	.02710	.00438	.8366	.00967	-.97965
#3	2.7671	1.1576	.00423	.02898	.00415	.8342	.00976	-.73105

Sample Name: K1992-07 Acquired: 3/21/2019 18:11:49 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.0730
 Stddev 1.3760
 %RSD 44.775

#1 4.5602
 #2 2.8139
 #3 1.8451

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3426.5	38576.	4062.0	75.983	4087.1
Stddev	7.7	64.	10.9	2.008	6.9
%RSD	.22397	.16490	.26849	2.6420	.16824

#1	3417.7	38546.	4049.5	73.683	4079.9
#2	3429.9	38532.	4067.3	76.883	4087.9
#3	3431.9	38649.	4069.3	77.383	4093.6

Sample Name: K1992-08 Acquired: 3/21/2019 18:16:10 Type: Unk
Method: P4-ICP2(v2970) 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	-.00133	-.00825	.01325	.00877	.00720	.13773	.01231	-.00001
Stddev	.00115	.00039	.00030	.00093	.00121	.00818	.00091	.00003
%RSD	86.319	4.7191	2.2329	10.585	16.818	5.9363	7.4200	191.35

#1	-.00001	-.00782	.01301	.00977	.00751	.14688	.01131	-.00000
#2	-.00211	-.00837	.01316	.00793	.00822	.13115	.01253	.00000
#3	-.00186	-.00857	.01358	.00863	.00586	.13516	.01309	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00680	3.7854	.00450	.02235	.03102	.52649	.01045	1.0931
Stddev	.00004	.0217	.00033	.00026	.00029	.00125	.00002	.0312
%RSD	.52090	.57224	7.3557	1.1611	.94068	.23652	.17914	2.8572

#1	.00682	3.7941	.00486	.02239	.03088	.52752	.01043	1.1252
#2	.00681	3.8014	.00443	.02207	.03083	.52510	.01046	1.0913
#3	.00676	3.7608	.00421	.02258	.03136	.52683	.01047	1.0629

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00572	.00015	5.8884	.00020	.87119	.87852	.00105	.15501
Stddev	.00006	.00024	.0245	.00031	.00037	.00593	.00031	.00502
%RSD	1.1327	159.44	.41553	149.93	.04274	.67501	29.059	3.2409

#1	.00565	.00031	5.8755	-.00004	.87128	.88108	.00127	.14929
#2	.00577	-.00013	5.9166	.00055	.87150	.87174	.00119	.15868
#3	.00575	.00027	5.8731	.00011	.87077	.88274	.00070	.15707

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4388	.65901	.00312	.02120	.00166	.2189	.01066	<.00000
Stddev	.0128	.00412	.00096	.00181	.00040	.0006	.00015	.15733
%RSD	.52522	.62447	30.765	8.5248	23.975	.2948	1.4181	21.370

#1	2.4314	.66162	.00416	.02307	.00200	.2196	.01054	-.60085
#2	2.4314	.65426	.00226	.01946	.00122	.2183	.01083	-.69893
#3	2.4536	.66114	.00296	.02108	.00175	.2188	.01061	-.90881

Sample Name: K1992-08 Acquired: 3/21/2019 18:16:10 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.4310
 Stddev .9612
 %RSD 39.538

#1 2.7082
 #2 1.3617
 #3 3.2232

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3454.8	38659.	4044.7	76.075	4091.9
Stddev	24.9	70.	27.6	.549	4.7
%RSD	.72047	.18069	.68216	.72156	.11487

#1	3482.8	38583.	4012.9	76.683	4091.4
#2	3435.1	38675.	4061.1	75.925	4087.5
#3	3446.5	38720.	4060.2	75.617	4096.8

Sample Name: K1992-09 Acquired: 3/21/2019 18:20:33 Type: Unk
Method: P4-ICP2(v2970) 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	-.00200	-.00771	.00619	.00913	.00594	.17721	.01705	.00004
Stddev	.00181	.00062	.00133	.00288	.00041	.01349	.00042	.00005
%RSD	90.529	8.0354	21.525	31.504	6.8736	7.6119	2.4515	114.91

#1	-.00148	-.00836	.00722	.00721	.00585	.18955	.01745	.00002
#2	-.00401	-.00766	.00665	.00775	.00639	.17927	.01662	.00001
#3	-.00050	-.00712	.00468	.01244	.00559	.16281	.01708	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00124	2.2296	.00451	.00086	.02826	.69713	.01562	1.1625
Stddev	.00001	.0405	.00017	.00033	.00036	.00517	.00007	.0352
%RSD	.97319	1.8175	3.7949	38.203	1.2877	.74212	.45240	3.0296

#1	.00123	2.1903	.00462	.00049	.02784	.69243	.01558	1.2013
#2	.00125	2.2274	.00460	.00098	.02851	.69627	.01558	1.1538
#3	.00124	2.2713	.00431	.00110	.02841	.70267	.01570	1.1325

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00440	.00069	5.4763	.00127	2.0724	2.7163	-.00058	.09120
Stddev	.00034	.00058	.0410	.00038	.0060	.0209	.00017	.00950
%RSD	7.7887	83.910	.74812	30.248	.28739	.76767	28.717	10.419

#1	.00466	.00084	5.4443	.00172	2.0657	2.7367	-.00073	.10189
#2	.00401	.00118	5.5225	.00108	2.0743	2.7174	-.00040	.08372
#3	.00452	.00005	5.4621	.00102	2.0772	2.6950	-.00060	.08798

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8922	.74501	.03517	.01752	.00096	.4325	.01149	<.00000
Stddev	.0054	.00988	.00032	.00244	.00024	.0039	.00010	.32855
%RSD	.28575	1.3263	.90858	13.909	24.651	.9060	.84641	64.162

#1	1.8975	.74054	.03506	.01566	.00093	.4333	.01139	-.23567
#2	1.8867	.73815	.03553	.01662	.00121	.4360	.01159	-.42521
#3	1.8924	.75633	.03492	.02028	.00074	.4283	.01148	-.87532

Sample Name: K1992-09 Acquired: 3/21/2019 18:20:33 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.8759
 Stddev .6171
 %RSD 21.458

#1 3.4626
 #2 2.9329
 #3 2.2323

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3457.1	38583.	4052.5	76.661	4077.0
Stddev	24.8	61.	21.9	.089	6.4
%RSD	.71688	.15748	.54030	.11623	.15721

#1	3485.6	38518.	4047.1	76.642	4084.1
#2	3440.5	38639.	4076.7	76.583	4071.5
#3	3445.3	38591.	4033.9	76.758	4075.6

Sample Name: K1992-10 Acquired: 3/21/2019 18:24:56 Type: Unk
Method: P4-ICP2(v2970) 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	-.00269	-.01067	.02099	.01296	.00280	1.1052	.01801	.00013
Stddev	.00223	.00148	.00071	.00395	.00276	.0416	.00086	.00005
%RSD	82.577	13.868	3.3867	30.483	98.677	3.7629	4.7647	36.992

#1	-.00410	-.01171	.02059	.01580	.00172	1.0873	.01797	.00014
#2	-.00013	-.00898	.02057	.01464	.00593	1.1527	.01889	.00007
#3	-.00386	-.01133	.02181	.00845	.00074	1.0755	.01717	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	41.532	.00816	1.3837	.03022	.74896	.14031	2.3689
Stddev	.00010	5.079	.00040	.0003	.00049	.00425	.00058	.0602
%RSD	16.647	12.229	4.9406	.02433	1.6361	.56781	.41471	2.5417

#1	.00049	41.233	.00798	1.3838	.03078	.74635	.14048	2.3880
#2	.00068	46.754	.00788	1.3833	.02986	.75387	.14079	2.4172
#3	.00059	36.609	.00862	1.3840	.03001	.74667	.13966	2.3014

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01005	-.00014	6.6518	.00189	1.9181	.87160	.00039	.07908
Stddev	.00032	.00034	.1199	.00016	.0009	.05232	.00022	.01088
%RSD	3.1366	246.79	1.8019	8.1953	.04850	6.0031	58.001	13.754

#1	.01030	-.00052	6.6606	.00171	1.9172	.81207	.00056	.06737
#2	.01016	-.00004	6.7670	.00200	1.9180	.89244	.00013	.08100
#3	.00970	.00014	6.5278	.00196	1.9190	.91029	.00047	.08886

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1910	1.0334	.00276	.08750	.00568	.6639	.03690	<.00000
Stddev	.0110	.1102	.00059	.01058	.00482	.0025	.00473	.35150
%RSD	.34603	10.666	21.402	12.092	84.869	.3781	12.821	134.47

#1	3.1783	1.0277	.00326	.08681	.00843	.6612	.03679	-.11214
#2	3.1963	1.1463	.00211	.09841	.00848	.6643	.04169	-.66289
#3	3.1983	.92609	.00291	.07728	.00011	.6662	.03223	-.00914

Sample Name: K1992-10 Acquired: 3/21/2019 18:24:56 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.6197
 Stddev .4077
 %RSD 11.262

#1 4.0895
 #2 3.3590
 #3 3.4106

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3396.0	38240.	4111.6	78.011	3976.4
Stddev	3.1	83.	409.8	7.556	5.2
%RSD	.09218	.21666	9.9670	9.6854	.13127

#1	3394.9	38148.	4092.2	78.742	3981.4
#2	3393.6	38264.	3711.9	70.117	3971.0
#3	3399.5	38308.	4530.8	85.175	3976.7

Sample Name: K1992-11 Acquired: 3/21/2019 18:29:15 Type: Unk
Method: P4-ICP2(v2970) 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	-.00270	-.00957	.01064	.01045	.00450	.14841	.00725	-.00007
Stddev	.00350	.00083	.00064	.00349	.00123	.01662	.00032	.00006
%RSD	129.83	8.7047	5.9901	33.380	27.254	11.196	4.4282	89.325

#1	-.00211	-.00863	.01019	.00646	.00568	.15356	.00720	.00000
#2	.00047	-.01021	.01137	.01289	.00458	.12983	.00759	-.00012
#3	-.00646	-.00988	.01036	.01202	.00323	.16185	.00696	-.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00155	4.2115	.00489	.02287	.03265	.41207	.00848	1.0680
Stddev	.00006	.0513	.00017	.00011	.00033	.00337	.00015	.0231
%RSD	3.5959	1.2185	3.5368	.46314	1.0057	.81852	1.7873	2.1596

#1	.00149	4.1578	.00490	.02299	.03302	.40932	.00830	1.0790
#2	.00159	4.2600	.00471	.02284	.03249	.41583	.00857	1.0415
#3	.00158	4.2168	.00506	.02279	.03243	.41104	.00856	1.0835

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00438	.00038	5.5789	.00026	.85524	.63737	.00195	.14851
Stddev	.00023	.00027	.0240	.00006	.00060	.03113	.00025	.00822
%RSD	5.3452	69.977	.42950	22.953	.07001	4.8840	12.718	5.5358

#1	.00411	.00032	5.5630	.00023	.85585	.64879	.00173	.13918
#2	.00454	.00015	5.5673	.00033	.85520	.60214	.00191	.15167
#3	.00448	.00067	5.6065	.00022	.85466	.66117	.00222	.15468

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3384	.62464	.00278	.02536	.00029	.2195	.00964	<.00000
Stddev	.0035	.00849	.00044	.00138	.00058	.0008	.00017	.14567
%RSD	.15004	1.3600	15.965	5.4246	201.94	.3548	1.7515	81.882

#1	2.3415	.62947	.00245	.02596	-.00025	.2204	.00945	-.13668
#2	2.3346	.62962	.00328	.02379	.00021	.2194	.00972	-.33973
#3	2.3390	.61483	.00259	.02634	.00089	.2188	.00976	-.05728

Sample Name: K1992-11 Acquired: 3/21/2019 18:29:15 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.2876
Stddev 1.7340
%RSD 134.67

#1 3.0097
#2 -4.5815
#3 1.3112

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3373.0	37807.	3973.7	76.497	4002.1
Stddev	15.7	38.	22.8	.781	7.3
%RSD	.46476	.10032	.57261	1.0210	.18282

#1	3366.3	37813.	3975.4	75.600	3999.5
#2	3361.8	37842.	3950.2	76.867	3996.5
#3	3390.9	37766.	3995.6	77.025	4010.4

Sample Name: K1992-12 Acquired: 3/21/2019 18:33:39 Type: Unk
Method: P4-ICP2(v2970) 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	-.00254	-.00972	.01238	.01143	.00060	.30296	.00691	-.00003
Stddev	.00173	.00134	.00069	.00262	.00140	.01481	.00047	.00007
%RSD	67.991	13.787	5.5961	22.942	234.77	4.8899	6.7390	257.11

#1	-.00153	-.01121	.01261	.01376	.00214	.30964	.00743	.00005
#2	-.00454	-.00860	.01160	.00859	-.00058	.28599	.00677	-.00005
#3	-.00156	-.00935	.01292	.01192	.00022	.31326	.00653	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00076	6.7206	.00569	.02777	.07090	.54334	.01369	1.0357
Stddev	.00002	.0457	.00032	.00018	.00036	.00325	.00010	.0431
%RSD	2.2694	.68071	5.6477	.63912	.50334	.59796	.74424	4.1601

#1	.00076	6.7494	.00574	.02758	.07120	.54141	.01378	.99291
#2	.00074	6.7445	.00599	.02782	.07051	.54710	.01371	1.0352
#3	.00077	6.6678	.00535	.02792	.07099	.54152	.01358	1.0791

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00610	.00052	5.4339	.00073	.80763	.61321	.00019	.15951
Stddev	.00054	.00033	.0370	.00008	.00158	.02001	.00013	.01335
%RSD	8.8000	62.913	.68052	11.163	.19505	3.2631	68.620	8.3713

#1	.00548	.00017	5.4009	.00064	.80862	.61217	.00006	.17472
#2	.00643	.00057	5.4269	.00077	.80582	.63372	.00018	.15409
#3	.00639	.00082	5.4738	.00079	.80846	.59374	.00033	.14972

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4724	.75137	.00307	.04196	.00194	.2516	.01155	<.00000
Stddev	.0116	.00347	.00095	.00185	.00048	.0016	.00014	.28592
%RSD	.46878	.46197	30.950	4.4032	24.690	.6375	1.1897	46.613

#1	2.4591	.75511	.00229	.04328	.00224	.2522	.01167	-.36828
#2	2.4800	.74825	.00413	.03985	.00139	.2498	.01140	-.92750
#3	2.4782	.75077	.00280	.04274	.00219	.2528	.01159	-.54440

Sample Name: K1992-12 Acquired: 3/21/2019 18:33:39 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.6875
Stddev	.9206
%RSD	34.257

#1	3.7260
#2	1.9715
#3	2.3650

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3435.9	38671.	4058.2	76.939	4089.9
Stddev	6.2	56.	25.5	1.675	6.7
%RSD	.18146	.14456	.62936	2.1773	.16282

#1	3429.8	38645.	4029.0	75.008	4082.3
#2	3442.3	38735.	4076.5	78.008	4094.8
#3	3435.5	38632.	4069.0	77.800	4092.6

Sample Name: K1992-13 Acquired: 3/21/2019 18:38:01 Type: Unk
Method: P4-ICP2(v2970) 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	.00233	-.00900	.01428	.00690	.00155	.50628	.00787	.00006
Stddev	.00168	.00077	.00086	.00224	.00120	.00908	.00057	.00006
%RSD	71.967	8.6056	6.0558	32.407	77.538	1.7938	7.2148	94.363

#1	.00222	-.00932	.01466	.00920	.00276	.50576	.00723	.00002
#2	.00072	-.00957	.01488	.00678	.00035	.49748	.00808	.00003
#3	.00407	-.00812	.01329	.00473	.00154	.51562	.00831	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	10.093	.00462	.03199	.02811	.62351	.01495	.48676
Stddev	.00004	.027	.00029	.00039	.00021	.00039	.00022	.01361
%RSD	15.956	.26712	6.2575	1.2315	.75844	.06322	1.4887	2.7957

#1	.00031	10.066	.00446	.03230	.02788	.62388	.01514	.49215
#2	.00028	10.095	.00496	.03213	.02829	.62355	.01471	.49684
#3	.00022	10.120	.00445	.03155	.02816	.62309	.01501	.47128

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00559	.00066	1.8759	.00073	.49058	1.1334	.00032	.04679
Stddev	.00038	.00022	.0280	.00031	.00050	.0595	.00010	.00396
%RSD	6.8266	34.073	1.4906	42.756	.10195	5.2541	31.309	8.4676

#1	.00561	.00075	1.8437	.00107	.49071	1.0943	.00040	.04773
#2	.00596	.00083	1.8941	.00066	.49101	1.1039	.00021	.04244
#3	.00520	.00040	1.8898	.00046	.49003	1.2019	.00034	.05020

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3674	1.1446	.00248	.04973	.00055	.3725	.02003	<.00000
Stddev	.0099	.0057	.00069	.00242	.00269	.0016	.00021	.37438
%RSD	.72288	.50041	27.706	4.8740	486.47	.4285	1.0705	41.956

#1	1.3733	1.1412	.00283	.05235	.00147	.3709	.01987	-1.1417
#2	1.3730	1.1415	.00169	.04926	.00266	.3741	.02027	-1.0734
#3	1.3560	1.1513	.00292	.04757	-.00248	.3725	.01995	-.46183

Sample Name: K1992-13 Acquired: 3/21/2019 18:38:01 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.3039
Stddev 1.4683
%RSD 63.732

#1 2.7637
#2 .66072
#3 3.4873

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3461.7	38648.	4082.3	80.097	4122.1
Stddev	1.8	101.	16.0	1.122	7.1
%RSD	.05211	.26191	.39264	1.4003	.17340

#1	3463.4	38698.	4069.7	78.842	4121.3
#2	3459.8	38714.	4100.3	80.450	4115.4
#3	3461.9	38531.	4076.9	81.000	4129.6

Sample Name: K1992-14 Acquired: 3/21/2019 18:42:23 Type: Unk
Method: P4-ICP2(v2970) 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	-.00075	-.00931	.00239	.01325	.00120	.08752	.00731	.00001
Stddev	.00160	.00150	.00066	.00138	.00071	.00479	.00083	.00003
%RSD	212.68	16.102	27.633	10.431	59.044	5.4776	11.346	483.46

#1	.00030	-.00903	.00220	.01254	.00172	.08400	.00662	-.00002
#2	.00003	-.01092	.00313	.01236	.00148	.08557	.00708	.00001
#3	-.00260	-.00796	.00185	.01484	.00039	.09298	.00822	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	1.5134	.00341	.00098	.01690	.52899	.00881	.98859
Stddev	.00007	.0085	.00030	.00009	.00025	.00350	.00006	.02222
%RSD	42.602	.56421	8.8368	8.9059	1.4867	.66248	.66615	2.2479

#1	.00022	1.5096	.00353	.00101	.01664	.52496	.00879	.98267
#2	.00009	1.5074	.00307	.00089	.01692	.53077	.00888	1.0132
#3	.00016	1.5232	.00364	.00106	.01714	.53126	.00877	.96994

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01728	.00069	6.3568	.00048	.86358	.94882	-.00018	.15483
Stddev	.00027	.00016	.0732	.00011	.00104	.07614	.00010	.01118
%RSD	1.5761	23.077	1.1512	22.137	.12044	8.0248	57.582	7.2179

#1	.01758	.00087	6.3212	.00043	.86445	.88678	-.00006	.14210
#2	.01723	.00056	6.4410	.00040	.86243	1.0338	-.00021	.15936
#3	.01704	.00064	6.3082	.00060	.86386	.92589	-.00026	.16303

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3500	.61706	.00194	.00900	.00035	.2793	.00713	<.00000
Stddev	.0099	.00733	.00044	.00245	.00135	.0023	.00015	.19897
%RSD	.41953	1.1882	22.652	27.265	389.86	.8198	2.0448	227.61

#1	2.3386	.62228	.00239	.00634	.00172	.2794	.00718	.14150
#2	2.3548	.60867	.00193	.00948	-.00098	.2769	.00725	-.21881
#3	2.3565	.62021	.00151	.01118	.00030	.2815	.00697	-.18496

Sample Name: K1992-14 Acquired: 3/21/2019 18:42:23 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.1891
 Stddev .1011
 %RSD 4.6204

#1 2.2835
 #2 2.2013
 #3 2.0824

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3436.5	38438.	4040.0	78.719	4085.1
Stddev	15.1	173.	28.1	.740	8.7
%RSD	.43867	.44932	.69580	.94034	.21381

#1	3425.8	38576.	4036.3	78.867	4078.5
#2	3453.7	38245.	4069.8	79.375	4095.0
#3	3429.9	38494.	4014.0	77.917	4081.7

Sample Name: CCV03 Acquired: 3/21/2019 18:47:52 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8798	5.0565	4.9007	5.2402	4.9120	F 8.9199	9.5881	.25143
Stddev	.0120	.0110	.0097	.0102	.0213	.0160	.0351	.00136
%RSD	.24682	.21764	.19794	.19510	.43324	.17939	.36614	.54217
#1	4.8871	5.0688	4.9107	5.2360	4.9071	8.9149	9.5903	.25062
#2	4.8659	5.0531	4.8914	5.2328	4.8936	8.9378	9.6221	.25301
#3	4.8864	5.0475	4.9001	5.2519	4.9353	8.9070	9.5520	.25068
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4561	25.937	1.0375	2.4857	1.2139	5.2234	2.6156	F 21.366
Stddev	.0060	.069	.0023	.0051	.0027	.0249	.0113	.047
%RSD	.24300	.26420	.22345	.20365	.22683	.47666	.43101	.21850
#1	2.4625	25.871	1.0383	2.4915	1.2143	5.2022	2.6100	21.319
#2	2.4550	26.008	1.0393	2.4823	1.2110	5.2508	2.6286	21.412
#3	2.4507	25.933	1.0349	2.4833	1.2165	5.2171	2.6083	21.367
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4807	1.2940	24.738	2.6663	2.4203	24.394	4.9986	F 4.3270
Stddev	.0056	.0033	.072	.0118	.0044	.120	.0100	.0516
%RSD	.22358	.25499	.29103	.44312	.18038	.49080	.20047	1.1929
#1	2.4864	1.2909	24.744	2.6615	2.4254	24.350	5.0050	4.3466
#2	2.4802	1.2974	24.807	2.6798	2.4181	24.530	4.9870	4.3659
#3	2.4754	1.2937	24.663	2.6577	2.4176	24.303	5.0038	4.2684
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7703	F 5.5767	4.8564	5.0494	5.4456	5.002	5.3061	F 3.6164
Stddev	.0267	.0233	.0210	.0068	.0357	.015	.0237	.5141
%RSD	.55858	.41827	.43327	.13453	.65536	.2957	.44730	14.215
#1	4.7921	5.5706	4.8705	5.0508	5.4265	5.011	5.2917	3.0521
#2	4.7782	5.5571	4.8664	5.0420	5.4236	5.010	5.2930	4.0581
#3	4.7406	5.6025	4.8322	5.0554	5.4868	4.985	5.3335	3.7389

Sample Name: CCV03 Acquired: 3/21/2019 18:47:52 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0003
Stddev	.2950
%RSD	29.494

#1	.69155
#2	1.0299
#3	1.2793

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3320.5	36051.	3870.6	73.646	3547.7
Stddev	9.4	119.	20.6	.363	10.7
%RSD	.28233	.32995	.53118	.49304	.30206

#1	3316.1	36176.	3888.4	73.967	3535.5
#2	3331.2	35939.	3875.3	73.252	3552.4
#3	3314.1	36039.	3848.1	73.718	3555.4

Sample Name: CCB03 Acquired: 3/21/2019 18:51:50 Type: Unk
Method: P4-ICP2(v2970) 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	-.00339	-.00076	-.00035	.00387	.00086	-.06753	.00018
Stddev	.00210	.00067	.00047	.00380	.00153	.01198	.00073
%RSD	62.005	87.114	133.97	98.224	178.09	17.743	410.90

#1	-.00101	-.00092	-.00085	.00327	-.00047	-.06866	-.00059
#2	-.00416	-.00004	.00009	.00793	.00253	-.05502	.00086
#3	-.00501	-.00134	-.00030	.00041	.00052	-.07891	.00026

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00008	-.01259	-.00103	.00051	-.00224	-.00076
Stddev	.00006	.00008	.00727	.00052	.00030	.00042	.00056
%RSD	246.98	107.67	57.695	50.573	59.188	18.821	73.201

#1	-.00006	-.00012	-.00584	-.00047	.00056	-.00248	-.00013
#2	-.00006	-.00013	-.01166	-.00150	.00018	-.00248	-.00119
#3	.00005	.00002	-.02028	-.00112	.00078	-.00175	-.00097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.01086	.00021	.00081	-.01585	-.00019	-.00131
Stddev	.00003	.01562	.00057	.00048	.01126	.00012	.00012
%RSD	48.326	143.84	271.58	59.716	71.008	63.552	9.1641

#1	.00004	-.02443	.00043	.00113	-.00345	-.00007	-.00134
#2	.00006	-.01435	-.00044	.00025	-.02541	-.00020	-.00118
#3	.00010	.00621	.00063	.00105	-.01869	-.00031	-.00141

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01559	-.00015	.00619	F -.02499	.00067	.00142	.00007
Stddev	.01697	.00020	.01051	.00104	.00082	.00059	.00156
%RSD	108.82	128.45	169.89	4.1670	122.31	41.485	2291.8

#1	.02520	.00006	.01061	-.02393	-.00021	.00120	.00095
#2	-.00400	-.00020	-.00581	-.02504	.00141	.00209	-.00174
#3	.02557	-.00032	.01376	-.02601	.00081	.00097	.00099

Sample Name: CCB03 Acquired: 3/21/2019 18:51:50 Type: Unk
 Method: P4-ICP2(v2970) 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	.00483	.0028	.00011	F .13085	F<.00000
Stddev	.00133	.0009	.00010	.10252	1.0013
%RSD	27.518	32.29	90.943	78.349	66.164
#1	.00526	.0029	.00008	.24742	-.57686
#2	.00334	.0037	.00022	.09040	-1.3945
#3	.00588	.0019	.00003	.05473	-2.5689
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3494.8	38313.	3967.6	77.806	4026.1
Stddev	5.2	117.	8.2	.867	14.2
%RSD	.14748	.30439	.20624	1.1139	.35213
#1	3491.5	38265.	3960.2	76.942	4012.0
#2	3492.2	38229.	3966.1	77.800	4025.9
#3	3500.8	38446.	3976.4	78.675	4040.4

Sample Name: K1992-15 Acquired: 3/21/2019 18:56:19 Type: Unk
Method: P4-ICP2(v2970) 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	-.00258	-.00915	.00186	.01189	.01802	.15673	.01030	.00004
Stddev	.00298	.00116	.00060	.00221	.00079	.00422	.00055	.00012
%RSD	115.69	12.639	32.431	18.547	4.4060	2.6893	5.3583	280.74

#1	.00086	-.00854	.00159	.01316	.01712	.15283	.01091	-.00009
#2	-.00414	-.00843	.00143	.00934	.01859	.16120	.00983	.00015
#3	-.00446	-.01049	.00255	.01317	.01836	.15617	.01017	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	1.6625	.00295	.00103	.02995	.58043	.01071	1.0616
Stddev	.00006	.0235	.00033	.00023	.00031	.00213	.00003	.0131
%RSD	25.999	1.4113	11.046	22.247	1.0501	.36631	.24557	1.2308

#1	.00028	1.6737	.00262	.00117	.03025	.57999	.01073	1.0757
#2	.00021	1.6355	.00328	.00115	.02997	.57856	.01068	1.0591
#3	.00017	1.6783	.00294	.00076	.02962	.58274	.01073	1.0499

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00456	.00040	4.2234	.00049	1.1195	.65781	.00007	.07667
Stddev	.00020	.00005	.0116	.00009	.0019	.01055	.00010	.00736
%RSD	4.3246	12.418	.27421	19.176	.17027	1.6037	132.91	9.5999

#1	.00434	.00040	4.2362	.00055	1.1210	.65568	.00006	.08347
#2	.00471	.00046	4.2205	.00038	1.1200	.66925	.00018	.06885
#3	.00462	.00036	4.2136	.00053	1.1174	.64848	-.00001	.07770

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4337	.75216	.00633	.00902	-.00067	.2653	.00788	<.00000
Stddev	.0036	.00235	.00054	.00201	.00036	.0023	.00002	.09411
%RSD	.24851	.31185	8.5450	22.337	54.555	.8561	.28665	8.0137

#1	1.4301	.75381	.00695	.00847	-.00038	.2669	.00789	-1.0948
#2	1.4372	.75320	.00602	.00734	-.00055	.2664	.00789	-1.2782
#3	1.4337	.74948	.00602	.01125	-.00108	.2627	.00785	-1.1501

Sample Name: K1992-15 Acquired: 3/21/2019 18:56:19 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.8756
 Stddev .3012
 %RSD 16.060

#1 1.6531
 #2 1.7554
 #3 2.2184

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3497.3	39142.	4088.7	78.753	4184.6
Stddev	2.2	155.	21.9	.371	7.2
%RSD	.06179	.39580	.53510	.47113	.17319

#1	3496.6	39005.	4091.9	78.450	4176.5
#2	3499.7	39112.	4065.4	79.167	4190.4
#3	3495.5	39310.	4108.8	78.642	4187.0

Sample Name: K1992-16 Acquired: 3/21/2019 19:00:45 Type: Unk
Method: P4-ICP2(v2970) 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	-.00407	-.00950	.00526	.00689	.01101	.21765	.01285	-.00004
Stddev	.00214	.00052	.00036	.00044	.00103	.01205	.00033	.00009
%RSD	52.527	5.4371	6.8262	6.3547	9.3621	5.5372	2.5502	194.79

#1	-.00262	-.00943	.00485	.00737	.01052	.21677	.01299	.00004
#2	-.00652	-.00902	.00548	.00650	.01031	.20606	.01248	-.00003
#3	-.00307	-.01004	.00545	.00681	.01219	.23011	.01309	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	2.3079	.00938	.00114	.03346	.91333	.01518	1.0498
Stddev	.00007	.0193	.00046	.00006	.00016	.00075	.00009	.0454
%RSD	21.090	.83606	4.9488	5.0427	.46978	.08217	.60692	4.3261

#1	.00038	2.3125	.00928	.00114	.03342	.91401	.01515	1.0894
#2	.00025	2.3245	.00897	.00120	.03363	.91346	.01529	1.0003
#3	.00030	2.2868	.00988	.00108	.03332	.91252	.01511	1.0598

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00451	.00030	3.9397	.00058	1.0648	.83870	-.00024	.06763
Stddev	.00054	.00002	.0093	.00005	.0018	.02183	.00024	.01165
%RSD	11.958	7.9080	.23575	9.4142	.16725	2.6023	103.59	17.219

#1	.00489	.00032	3.9349	.00064	1.0634	.81568	-.00052	.07889
#2	.00389	.00031	3.9338	.00056	1.0668	.85910	-.00008	.06837
#3	.00475	.00027	3.9504	.00054	1.0641	.84132	-.00011	.05563

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2845	.84528	.00314	.01367	-.00019	.2913	.00773	<.00000
Stddev	.0027	.00170	.00102	.00230	.00155	.0008	.00007	.27900
%RSD	.21201	.20149	32.606	16.846	810.81	.2686	.94887	18.237

#1	1.2874	.84620	.00268	.01632	.00159	.2920	.00768	-1.7936
#2	1.2842	.84331	.00242	.01247	-.00122	.2915	.00781	-1.5581
#3	1.2819	.84632	.00431	.01221	-.00095	.2904	.00768	-1.2378

Sample Name: K1992-16 Acquired: 3/21/2019 19:00:45 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.5932
Stddev 1.6022
%RSD 61.784

#1 2.0817
#2 1.3092
#3 4.3887

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3505.3	39138.	4062.7	78.597	4169.5
Stddev	4.1	98.	12.1	1.618	4.9
%RSD	.11787	.24957	.29757	2.0584	.11705

#1	3505.3	39248.	4052.4	77.017	4168.2
#2	3501.2	39063.	4059.7	78.525	4165.5
#3	3509.5	39102.	4076.0	80.250	4174.9

Sample Name: K1992-17 Acquired: 3/21/2019 19:05:10 Type: Unk
Method: P4-ICP2(v2970) 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	-.00403	-.00913	.00258	.01122	.00606	.12676	.00895	-.00002
Stddev	.00234	.00059	.00023	.00313	.00180	.00280	.00072	.00003
%RSD	57.929	6.4927	9.0787	27.866	29.656	2.2058	8.0872	138.77

#1	-.00134	-.00869	.00231	.01483	.00786	.12520	.00825	-.00006
#2	-.00548	-.00981	.00275	.00929	.00605	.12999	.00890	-.00002
#3	-.00528	-.00890	.00267	.00954	.00427	.12510	.00970	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	1.5812	.00330	.00096	.01863	.39241	.01117	.98395
Stddev	.00006	.0272	.00029	.00028	.00017	.00187	.00006	.08176
%RSD	32.940	1.7200	8.8824	29.379	.93663	.47558	.54133	8.3093

#1	.00014	1.6124	.00355	.00128	.01875	.39046	.01111	1.0081
#2	.00014	1.5688	.00297	.00080	.01870	.39418	.01123	.89282
#3	.00023	1.5624	.00337	.00079	.01843	.39259	.01117	1.0509

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00358	-.00017	5.8269	.00063	.85053	.77260	-.00012	.17101
Stddev	.00034	.00040	.0405	.00031	.00157	.00242	.00026	.01081
%RSD	9.5213	241.22	.69556	50.217	.18507	.31337	216.91	6.3203

#1	.00318	-.00031	5.7815	.00064	.84872	.77389	.00015	.15884
#2	.00378	.00029	5.8592	.00030	.85152	.77411	-.00038	.17949
#3	.00376	-.00047	5.8401	.00093	.85137	.76981	-.00013	.17471

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2064	.69793	.00348	.00839	.00096	.3295	.00737	<.00000
Stddev	.0036	.00155	.00083	.00175	.00022	.0012	.00005	.46086
%RSD	.16401	.22164	23.763	20.824	23.102	.3657	.64462	25.893

#1	2.2063	.69964	.00330	.01041	.00092	.3285	.00742	-1.2740
#2	2.2100	.69663	.00275	.00729	.00120	.3291	.00733	-1.8900
#3	2.2028	.69751	.00438	.00748	.00076	.3309	.00736	-2.1757

Sample Name: K1992-17 Acquired: 3/21/2019 19:05:10 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.2343
Stddev .4032
%RSD 18.046

#1 1.8593
#2 2.1827
#3 2.6608

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3491.8	39135.	4065.2	79.039	4171.7
Stddev	3.0	115.	34.6	1.390	3.8
%RSD	.08521	.29342	.85100	1.7591	.09093

#1	3493.7	39018.	4026.1	77.575	4174.6
#2	3488.3	39138.	4091.6	80.342	4167.4
#3	3493.3	39248.	4078.0	79.200	4173.0

Sample Name: K1992-18 Acquired: 3/21/2019 19:09:35 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00224	-.01210	-.00011	.01344	.00417	.08067	.00919	.00001
Stddev	.00203	.00135	.00097	.00121	.00181	.01242	.00051	.00003
%RSD	90.387	11.184	900.78	9.0173	43.493	15.397	5.5534	449.72

#1	-.00217	-.01134	-.00065	.01246	.00502	.06633	.00885	.00003
#2	-.00025	-.01366	.00102	.01479	.00209	.08742	.00895	.00001
#3	-.00430	-.01130	-.00069	.01306	.00539	.08825	.00978	-.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	1.4665	.01312	.00128	.01605	.36844	.00869	.93159
Stddev	.00004	.0074	.00026	.00023	.00036	.00126	.00011	.03080
%RSD	13.196	.50512	1.9766	18.278	2.2585	.34176	1.2713	3.3063

#1	.00029	1.4582	.01289	.00102	.01629	.36705	.00856	.96222
#2	.00033	1.4725	.01340	.00136	.01623	.36949	.00875	.93193
#3	.00037	1.4687	.01308	.00147	.01564	.36879	.00875	.90062

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00422	.00009	5.4898	.00002	.74579	.98911	-.00026	.13942
Stddev	.00033	.00102	.0414	.00006	.00075	.02270	.00009	.01372
%RSD	7.8374	1137.0	.75400	303.33	.10030	2.2951	34.565	9.8430

#1	.00389	-.00107	5.4885	.00006	.74612	1.0153	-.00036	.14688
#2	.00455	.00051	5.4491	-.00005	.74494	.97695	-.00026	.12358
#3	.00423	.00083	5.5318	.00006	.74633	.97508	-.00017	.14780

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1019	.57792	.00222	.00866	-.00223	.3338	.00695	<.00000
Stddev	.0024	.00638	.00029	.00051	.00178	.0018	.00008	.28634
%RSD	.11651	1.1045	13.241	5.8459	80.017	.5383	1.0908	18.546

#1	2.1031	.57606	.00189	.00858	-.00328	.3351	.00687	-1.4652
#2	2.1036	.58503	.00246	.00920	-.00017	.3317	.00702	-1.3052
#3	2.0991	.57268	.00229	.00819	-.00323	.3345	.00696	-1.8614

Sample Name: K1992-18 Acquired: 3/21/2019 19:09:35 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.0828
 Stddev .7143
 %RSD 23.172

#1 3.2879
 #2 2.2884
 #3 3.6722

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3477.9	39154.	4111.6	78.911	4214.7
Stddev	10.1	86.	30.6	1.664	9.8
%RSD	.29119	.22002	.74422	2.1089	.23301

#1	3472.1	39222.	4116.8	80.783	4203.5
#2	3472.1	39183.	4078.8	77.600	4218.4
#3	3489.6	39057.	4139.3	78.350	4222.1

Sample Name: K1993-01 Acquired: 3/21/2019 19:13:59 Type: Unk
Method: P4-ICP2(v2970) 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	k -.00064	k -.00805	k .04920	k .01534	k .00765	s 1.1343	s .04713	s .00010
Stddev	.00075	.00044	.00177	.00428	.00095	.0695	.00140	.00009
%RSD	117.78	5.4156	3.5876	27.914	12.392	6.1259	2.9690	86.721

#1	.00012	-.00855	.04784	.02015	.00746	1.1967	.04841	.00001
#2	-.00137	-.00777	.04858	.01391	.00681	1.0594	.04564	.00019
#3	k -.00066	k -.00782	k .05119	k .01195	k .00868	s 1.1469	s .04735	s .00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .00433	k 10.829	s .01901	k .00818	k .08446	s 11.695	s .12454	s 1.8290
Stddev	.00087	.263	.00094	.00029	.00149	.822	.00858	.0985
%RSD	20.142	2.4273	4.9355	3.5217	1.7692	7.0292	6.8858	5.3860

#1	.00375	10.625	.01964	.00819	.08333	12.631	.13440	1.9095
#2	.00390	10.735	.01793	.00788	.08389	11.089	.11882	1.7192
#3	k .00533	k 11.125	s .01945	k .00846	k .08615	s 11.365	s .12041	s 1.8584

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .01236	s -.00024	s 7.5442	s .00270	k 1.8204	s 3.1621	.00083	s .18191
Stddev	.00050	.00151	.3927	.00038	.0032	.2205	.00008	.01585
%RSD	4.0137	633.71	5.2051	14.148	.17536	6.9731	9.1790	8.7148

#1	.01273	.00107	7.9224	.00314	1.8167	3.3704	.00074	.17976
#2	.01180	.00011	7.1385	.00243	1.8224	2.9312	.00087	.19872
#3	k .01254	s -.00190	s 7.5717	s .00253	k 1.8221	s 3.1848	.00088	s .16724

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k 4.4415	k 2.1354	k .00680	k .06892	.00472	k .8505	k .02787	<.00000
Stddev	.0119	.0169	.00128	.00127	.00217	.0036	.00805	4.7244
%RSD	.26770	.79121	18.852	1.8431	45.985	.4193	28.896	130.43

#1	4.4307	2.1546	.00667	.06837	.00239	.8483	.02228	1.2285
#2	4.4396	2.1287	.00559	.06802	.00507	.8486	.02424	-3.8858
#3	k 4.4543	k 2.1228	k .00814	k .07038	.00669	k .8546	k .03710	-8.2093

Sample Name: K1993-01 Acquired: 3/21/2019 19:13:59 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.107
 Stddev .518
 %RSD 5.1206

#1 9.6273
 #2 10.656
 #3 10.039

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3467.7	^ *****	4027.0	76.606	4082.7
Stddev	7.5	-----	51.3	2.119	11.9
%RSD	.21727	-----	1.2748	2.7666	.29178

#1	3468.0	36966.	4068.2	74.317	4086.7
#2	3460.0	41030.	4043.3	78.500	4069.3
#3	3475.1	^ -----	3969.5	77.000	4092.1

Sample Name: K1993-02 Acquired: 3/21/2019 19:18:18 Type: Unk
Method: P4-ICP2(v2970) 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	-.00592	-.00759	.00458	.00783	.00264	.48853	.02144	.00014
Stddev	.00309	.00091	.00072	.00107	.00201	.00924	.00085	.00007
%RSD	52.100	12.016	15.779	13.723	76.049	1.8909	3.9452	50.327

#1	-.00421	-.00768	.00481	.00662	.00436	.49163	.02059	.00011
#2	-.00407	-.00664	.00517	.00818	.00314	.49582	.02229	.00023
#3	-.00949	-.00846	.00378	.00868	.00043	.47814	.02144	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	3.5138	.00435	.00151	.02301	1.0679	.02023	1.1692
Stddev	.00007	.0168	.00012	.00019	.00081	.0034	.00015	.0169
%RSD	41.081	.47675	2.6729	12.674	3.5004	.32171	.76178	1.4412

#1	.00014	3.4951	.00432	.00150	.02209	1.0719	.02006	1.1843
#2	.00013	3.5274	.00448	.00170	.02334	1.0660	.02032	1.1510
#3	.00026	3.5191	.00426	.00132	.02359	1.0658	.02032	1.1722

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00478	-.00009	6.8314	.00134	1.6974	2.2532	-.00025	.16047
Stddev	.00028	.00048	.0175	.00031	.0026	.0146	.00020	.01037
%RSD	5.8245	532.89	.25585	23.325	.15573	.64828	77.486	6.4616

#1	.00505	.00023	6.8411	.00098	1.6978	2.2543	-.00026	.14854
#2	.00480	.00015	6.8418	.00155	1.6998	2.2672	-.00044	.16553
#3	.00449	-.00064	6.8112	.00148	1.6946	2.2380	-.00005	.16733

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8550	1.4592	.00188	.02693	.00034	.4182	.01256	<.00000
Stddev	.0083	.0104	.00064	.00114	.00204	.0022	.00012	.17135
%RSD	.29134	.71272	34.000	4.2341	600.13	.5197	.98516	16.413

#1	2.8589	1.4489	.00199	.02804	-.00201	.4183	.01242	-.87152
#2	2.8607	1.4588	.00120	.02699	.00141	.4159	.01267	-1.0462
#3	2.8455	1.4697	.00246	.02576	.00161	.4203	.01258	-1.2142

Sample Name: K1993-02 Acquired: 3/21/2019 19:18:18 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6249
 Stddev .2641
 %RSD 16.250

#1 1.3605
 #2 1.8886
 #3 1.6257

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3479.0	38984.	4030.5	76.664	4124.5
Stddev	2.8	158.	6.9	.900	7.0
%RSD	.08035	.40568	.17170	1.1745	.17012

#1	3475.8	38837.	4031.6	76.808	4128.8
#2	3480.0	38964.	4036.8	77.483	4116.4
#3	3481.2	39151.	4023.1	75.700	4128.3

Sample Name: K1993-03 Acquired: 3/21/2019 19:22:39 Type: Unk
Method: P4-ICP2(v2970) 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	-.00266	-.00944	.01143	.01544	.00813	.73047	.03504	.00005
Stddev	.00298	.00147	.00066	.00188	.00057	.02416	.00065	.00007
%RSD	112.21	15.567	5.7377	12.182	6.9972	3.3074	1.8633	121.60

#1	-.00102	-.01059	.01197	.01329	.00861	.70395	.03574	-.00000
#2	-.00609	-.00995	.01163	.01628	.00827	.73624	.03445	.00004
#3	-.00085	-.00778	.01070	.01676	.00750	.75123	.03494	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00071	4.9752	.00610	.00188	.05247	3.8954	.05280	1.4389
Stddev	.00008	.0364	.00051	.00011	.00085	.0179	.00056	.0163
%RSD	11.904	.73074	8.3675	5.6805	1.6174	.45854	1.0620	1.1355

#1	.00080	4.9999	.00665	.00188	.05342	3.8749	.05230	1.4575
#2	.00069	4.9923	.00564	.00199	.05221	3.9043	.05270	1.4322
#3	.00063	4.9335	.00601	.00178	.05178	3.9071	.05340	1.4270

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00700	-.00008	7.9105	.00187	2.0912	2.5071	.00012	.23181
Stddev	.00024	.00015	.0576	.00031	.0081	.0260	.00013	.01053
%RSD	3.4548	195.49	.72806	16.809	.38639	1.0386	113.85	4.5428

#1	.00700	-.00001	7.8620	.00159	2.0992	2.4848	.00027	.22006
#2	.00675	.00003	7.8953	.00221	2.0913	2.5007	.00003	.23499
#3	.00723	-.00025	7.9741	.00182	2.0831	2.5357	.00005	.24039

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6624	1.8012	.00525	.03339	.00352	.6659	.01629	<.00000
Stddev	.0213	.0104	.00050	.00265	.00287	.0031	.00011	.09216
%RSD	.58229	.57505	9.4849	7.9384	81.466	.4650	.67302	59.949

#1	3.6860	1.8015	.00511	.03034	.00206	.6686	.01636	-.04736
#2	3.6567	1.7907	.00581	.03512	.00683	.6666	.01616	-.20985
#3	3.6445	1.8114	.00485	.03472	.00167	.6625	.01634	-.20395

Sample Name: K1993-03 Acquired: 3/21/2019 19:22:39 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.5029
Stddev .1589
%RSD 3.5283

#1 4.3288
#2 4.5397
#3 4.6401

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3412.1	38759.	4013.0	76.706	4064.6
Stddev	17.6	142.	11.3	.125	19.8
%RSD	.51545	.36511	.28065	.16344	.48785

#1	3405.2	38919.	4004.4	76.642	4048.7
#2	3399.0	38649.	4008.7	76.625	4058.2
#3	3432.0	38710.	4025.7	76.850	4086.8

Sample Name: K1993-04 Acquired: 3/21/2019 19:27:00 Type: Unk
Method: P4-ICP2(v2970) 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	-.00117	-.00900	.00214	.01149	.00675	.16477	.01140	.00007
Stddev	.00074	.00004	.00035	.00403	.00121	.00388	.00083	.00002
%RSD	63.278	.48260	16.184	35.051	17.966	2.3541	7.2719	21.793

#1	-.00046	-.00901	.00246	.00745	.00815	.16872	.01199	.00006
#2	-.00112	-.00904	.00219	.01551	.00600	.16096	.01175	.00009
#3	-.00194	-.00896	.00177	.01151	.00611	.16464	.01045	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	2.0926	.00324	.00118	.02789	.42126	.01146	1.0552
Stddev	.00005	.0164	.00011	.00012	.00031	.00046	.00010	.0296
%RSD	31.315	.78217	3.3128	10.026	1.1084	.10935	.89376	2.8032

#1	.00021	2.1114	.00335	.00130	.02800	.42174	.01135	1.0890
#2	.00017	2.0840	.00314	.00119	.02812	.42122	.01156	1.0427
#3	.00011	2.0823	.00323	.00106	.02754	.42082	.01146	1.0339

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00265	-.00064	4.8837	.00108	1.1665	1.6929	-.00028	.05584
Stddev	.00021	.00019	.0228	.00025	.0012	.0345	.00008	.00374
%RSD	8.0870	29.792	.46655	23.233	.09994	2.0357	27.956	6.7036

#1	.00270	-.00052	4.8712	.00126	1.1675	1.6579	-.00036	.06011
#2	.00283	-.00086	4.8700	.00118	1.1653	1.6939	-.00021	.05314
#3	.00241	-.00054	4.9100	.00079	1.1668	1.7268	-.00027	.05428

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3642	.81766	.00235	.01131	.00165	.3219	.00868	<.00000
Stddev	.0052	.00471	.00059	.00247	.00049	.0012	.00007	.24248
%RSD	.38228	.57552	25.016	21.797	29.483	.3820	.82068	40.357

#1	1.3689	.81261	.00234	.01364	.00173	.3224	.00876	-.76112
#2	1.3652	.82191	.00294	.01157	.00209	.3229	.00867	-.71951
#3	1.3586	.81846	.00176	.00873	.00113	.3205	.00862	-.32188

Sample Name: K1993-04 Acquired: 3/21/2019 19:27:00 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.4954
Stddev .7426
%RSD 29.760

#1 3.2554
#2 2.4594
#3 1.7714

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3482.5	39164.	4017.0	76.789	4166.0
Stddev	10.3	34.	16.0	.775	5.6
%RSD	.29678	.08578	.39823	1.0091	.13510

#1	3477.9	39146.	4006.5	75.908	4161.8
#2	3475.3	39143.	4009.1	77.367	4163.8
#3	3494.4	39203.	4035.4	77.092	4172.4

Sample Name: K1993-05 Acquired: 3/21/2019 19:31:23 Type: Unk
Method: P4-ICP2(v2970) 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	-.00235	-.00953	.05210	.00994	.00211	.08988	.01104	.00005
Stddev	.00242	.00022	.00065	.00132	.00133	.02916	.00064	.00002
%RSD	102.99	2.3390	1.2450	13.263	62.852	32.444	5.8166	51.632

#1	-.00336	-.00943	.05146	.01137	.00297	.06818	.01151	.00005
#2	.00041	-.00979	.05207	.00878	.00058	.07845	.01131	.00007
#3	-.00411	-.00938	.05276	.00968	.00279	.12303	.01031	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	1.7749	.00307	.00124	.02348	.37484	.00911	.85235
Stddev	.00003	.0076	.00083	.00013	.00019	.01585	.00046	.05051
%RSD	7.8578	.43048	26.900	10.146	.79425	4.2272	5.0106	5.9259

#1	.00039	1.7832	.00310	.00121	.02339	.36534	.00878	.84343
#2	.00043	1.7733	.00223	.00138	.02336	.36605	.00891	.80689
#3	.00037	1.7682	.00388	.00113	.02370	.39314	.00963	.90672

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00931	-.00014	6.0546	.00030	.75260	1.4100	.00026	.15309
Stddev	.00016	.00016	.2820	.00037	.00165	.1493	.00027	.00651
%RSD	1.7263	114.36	4.6576	125.08	.21863	10.588	105.53	4.2549

#1	.00950	-.00031	5.8718	.00057	.75296	1.2726	.00050	.16036
#2	.00924	-.00007	5.9126	.00045	.75403	1.3885	-.00003	.14779
#3	.00920	-.00003	6.3794	-.00013	.75080	1.5688	.00030	.15111

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2140	.53874	.00222	.00887	.00075	.4705	.00805	<.00000
Stddev	.0049	.00480	.00119	.00014	.00154	.0017	.00008	1.6393
%RSD	.22090	.89020	53.709	1.5833	204.98	.3515	.98864	876.02

#1	2.2083	.54414	.00085	.00901	.00052	.4688	.00805	-1.0265
#2	2.2169	.53500	.00301	.00873	.00239	.4721	.00813	-1.2368
#3	2.2167	.53707	.00281	.00888	-.00066	.4705	.00797	1.7018

Sample Name: K1993-05 Acquired: 3/21/2019 19:31:23 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.8746
 Stddev .8045
 %RSD 42.916

#1 1.9343
 #2 2.6475
 #3 1.0419

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3459.4	38533.	4035.8	79.231	4133.4
Stddev	3.9	1455.	27.0	1.063	3.0
%RSD	.11297	3.7755	.66846	1.3419	.07347

#1	3455.0	39362.	4007.2	78.342	4132.5
#2	3460.6	39384.	4060.8	78.942	4136.7
#3	3462.5	36853.	4039.4	80.408	4130.8

Sample Name: K1993-06 Acquired: 3/21/2019 19:35:47 Type: Unk
Method: P4-ICP2(v2970) 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	-.00116	-.00814	.16306	.01946	.00940	2.2170	.08500	.00018
Stddev	.00125	.00063	.00196	.00133	.00130	.0321	.00114	.00011
%RSD	107.62	7.6848	1.1991	6.8575	13.844	1.4466	1.3459	64.269

#1	-.00154	-.00797	.16370	.01836	.01054	2.1990	.08557	.00029
#2	.00023	-.00883	.16086	.02094	.00967	2.2540	.08576	.00017
#3	-.00218	-.00762	.16461	.01907	.00798	2.1980	.08369	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00169	15.591	.03563	.00526	1.8220	14.950	.15085	2.4298
Stddev	.00000	.034	.00005	.00020	.0021	.018	.00070	.0086
%RSD	.26781	.21770	.13058	3.7808	.11729	.12362	.46452	.35498

#1	.00170	15.552	.03559	.00512	1.8209	14.929	.15126	2.4335
#2	.00169	15.609	.03568	.00518	1.8206	14.960	.15124	2.4200
#3	.00169	15.612	.03562	.00549	1.8245	14.962	.15004	2.4360

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05008	-.00056	11.997	.00608	3.3029	6.3532	.00134	.13250
Stddev	.00034	.00038	.076	.00005	.0038	.0602	.00024	.00277
%RSD	.66944	67.293	.63326	.88777	.11455	.94673	17.963	2.0911

#1	.04997	-.00013	11.965	.00607	3.3046	6.2853	.00155	.13534
#2	.05046	-.00081	12.084	.00604	3.3056	6.3999	.00139	.13235
#3	.04982	-.00074	11.942	.00614	3.2986	6.3745	.00108	.12980

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8578	2.3210	.06335	.09633	.16239	1.265	.05006	1.0759
Stddev	.0179	.0134	.00055	.00252	.00130	.001	.00041	.1557
%RSD	.22713	.57757	.86322	2.6155	.80061	.0920	.82380	14.470

#1	7.8417	2.3305	.06337	.09474	.16106	1.264	.05022	1.1273
#2	7.8546	2.3057	.06279	.09924	.16245	1.264	.04959	1.1993
#3	7.8770	2.3269	.06389	.09503	.16366	1.266	.05037	.90098

Sample Name: K1993-06 Acquired: 3/21/2019 19:35:47 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.491
Stddev	.642
%RSD	5.1418

#1	11.818
#2	13.098
#3	12.558

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3408.8	38536.	3976.5	74.841	3992.6
Stddev	1.7	31.	27.6	.289	1.7
%RSD	.04903	.08149	.69293	.38565	.04362

#1	3410.0	38572.	3971.8	74.600	3994.5
#2	3406.8	38522.	4006.1	75.161	3991.2
#3	3409.4	38515.	3951.7	74.762	3992.0

Sample Name: CCV04 Acquired: 3/21/2019 19:40:04 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7376	4.8984	4.6954	5.1656	4.7664	F 8.2849	F 8.9881	.23740
Stddev	.0121	.0012	.0080	.0193	.0061	.0355	.0629	.00053
%RSD	.25636	.02468	.16924	.37354	.12791	.42807	.69970	.22405

#1	4.7492	4.8970	4.6922	5.1865	4.7648	8.2938	8.9815	.23789
#2	4.7387	4.8992	4.7045	5.1485	4.7612	8.2458	8.9287	.23748
#3	4.7250	4.8989	4.6896	5.1618	4.7731	8.3151	9.0540	.23684

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3710	25.207	.99390	2.4052	1.1652	5.0080	2.4987	F 20.256
Stddev	.0058	.013	.00132	.0045	.0008	.0052	.0005	.079
%RSD	.24545	.05293	.13300	.18501	.06564	.10462	.02107	.38922

#1	2.3694	25.215	.99318	2.4029	1.1656	5.0028	2.4982	20.238
#2	2.3774	25.215	.99543	2.4103	1.1656	5.0079	2.4985	20.187
#3	2.3661	25.192	.99310	2.4024	1.1643	5.0133	2.4993	20.342

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4176	1.2356	23.396	2.5797	2.3162	23.283	4.8725	F 4.2184
Stddev	.0059	.0014	.184	.0019	.0055	.171	.0058	.0302
%RSD	.24373	.11264	.78813	.07274	.23838	.73425	.11937	.71689

#1	2.4151	1.2346	23.369	2.5801	2.3146	23.126	4.8789	4.1964
#2	2.4243	1.2372	23.226	2.5777	2.3224	23.257	4.8675	4.2058
#3	2.4134	1.2349	23.592	2.5814	2.3117	23.465	4.8711	4.2529

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5828	5.4030	4.6831	4.8611	5.2472	4.856	5.1090	F 3.1534
Stddev	.0250	.0322	.0020	.0209	.0426	.009	.0275	.3347
%RSD	.54563	.59648	.04233	.43023	.81135	.1781	.53834	10.614

#1	4.5674	5.4225	4.6849	4.8734	5.2946	4.864	5.1407	3.5371
#2	4.6117	5.4207	4.6835	4.8729	5.2346	4.858	5.0924	2.9217
#3	4.5694	5.3658	4.6810	4.8369	5.2123	4.847	5.0938	3.0014

Sample Name: CCV04 Acquired: 3/21/2019 19:40:04 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0021
Stddev	.5465
%RSD	27.295

#1	2.4441
#2	1.3911
#3	2.1711

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3368.3	37331.	3919.5	73.769	3633.0
Stddev	2.9	41.	32.5	.494	4.4
%RSD	.08647	.11107	.82850	.66969	.12035

#1	3366.9	37300.	3890.7	74.173	3635.6
#2	3371.7	37378.	3913.2	73.218	3627.9
#3	3366.4	37315.	3954.7	73.917	3635.4

Sample Name: CCB04 Acquired: 3/21/2019 19:44:02 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00217	-.00082	.00023	F .00700	.00213	-.06251	.00118
Stddev	.00113	.00036	.00052	.00242	.00185	.01258	.00050
%RSD	51.805	44.302	223.23	34.520	87.170	20.121	42.253

#1	-.00298	-.00044	.00011	.00736	.00420	-.07219	.00175
#2	-.00266	-.00086	.00081	.00922	.00153	-.04829	.00087
#3	-.00089	-.00116	-.00022	.00443	.00064	-.06706	.00092

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00026	-.03862	-.00080	.00116	-.00172	-.00040
Stddev	.00007	.00002	.01678	.00046	.00015	.00038	.00010
%RSD	104.59	6.4822	43.451	58.021	13.141	21.789	23.676

#1	-.00002	-.00028	-.05302	-.00031	.00126	-.00148	-.00050
#2	-.00015	-.00027	-.02019	-.00123	.00124	-.00215	-.00041
#3	-.00003	-.00024	-.04266	-.00086	.00099	-.00153	-.00030

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.02418	-.00020	.00051	-.05795	-.00078	-.00116
Stddev	.00006	.01500	.00025	.00015	.02363	.00036	.00010
%RSD	64.571	62.025	125.62	28.847	40.771	45.726	8.6123

#1	.00004	.04051	-.00025	.00064	-.06988	-.00112	-.00106
#2	.00016	.02103	-.00042	.00035	-.07324	-.00041	-.00126
#3	.00009	.01101	.00007	.00055	-.03074	-.00079	-.00116

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08738	-.00004	.00729	F -.02525	-.00130	.00154	.00589
Stddev	.03845	.00024	.00394	.00219	.00314	.00161	.00090
%RSD	44.007	642.76	54.006	8.6688	240.53	104.34	15.335

#1	.11468	.00012	.01174	-.02304	.00058	.00167	.00487
#2	.04340	-.00032	.00425	-.02742	.00043	.00308	.00623
#3	.10406	.00009	.00589	-.02530	-.00492	-.00013	.00657

Sample Name: CCB04 Acquired: 3/21/2019 19:44:02 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00708	.0040	.00024	F 1.0764	F<.00000
Stddev	.00126	.0008	.00013	.2259	.81713
%RSD	17.845	20.61	54.430	20.989	85.558

#1	.00805	.0045	.00032	1.1047	-.45747
#2	.00565	.0031	.00031	1.2868	-.50959
#3	.00755	.0046	.00009	.83764	-1.8981

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3483.9	38410.	3888.1	76.128	4047.5
Stddev	3.0	38.	20.4	1.568	6.1
%RSD	.08490	.09887	.52445	2.0596	.14994

#1	3486.4	38442.	3880.8	74.733	4040.9
#2	3480.6	38421.	3872.4	75.825	4049.1
#3	3484.8	38368.	3911.2	77.825	4052.7

Sample Name: K1993-07 Acquired: 3/21/2019 19:48:31 Type: Unk
Method: P4-ICP2(v2970) 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	-.00328	-.00919	.02689	.01565	.01307	.53534	.02424	.00001
Stddev	.00005	.00060	.00103	.00093	.00147	.00493	.00020	.00001
%RSD	1.4413	6.5172	3.8475	5.9100	11.277	.92006	.81254	158.37

#1	-.00333	-.00886	.02571	.01672	.01458	.53886	.02445	.00000
#2	-.00323	-.00883	.02727	.01523	.01163	.52971	.02406	.00002
#3	-.00327	-.00988	.02767	.01502	.01302	.53746	.02422	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	2.8769	.08811	.00539	.06540	2.0196	.04519	.45679
Stddev	.00006	.0151	.00049	.00003	.00044	.0024	.00027	.01993
%RSD	8.9965	.52373	.55642	.53139	.68027	.11614	.60318	4.3634

#1	.00069	2.8877	.08754	.00537	.06489	2.0172	.04502	.46873
#2	.00068	2.8833	.08834	.00538	.06572	2.0219	.04504	.43378
#3	.00058	2.8596	.08843	.00542	.06559	2.0199	.04550	.46785

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04469	-.00037	7.4710	.00160	1.0159	1.2412	.00198	.15059
Stddev	.00009	.00043	.0063	.00024	.0013	.0179	.00009	.00799
%RSD	.20564	114.89	.08361	15.241	.12786	1.4416	4.6602	5.3081

#1	.04476	-.00063	7.4695	.00182	1.0145	1.2208	.00207	.15153
#2	.04473	-.00062	7.4656	.00134	1.0171	1.2490	.00189	.15807
#3	.04459	.00012	7.4778	.00165	1.0162	1.2540	.00198	.14217

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5630	1.4738	.01050	.02793	.00258	.5742	.01405	.01326
Stddev	.0027	.0070	.00091	.00073	.00081	.0030	.00010	.12544
%RSD	.07431	.47804	8.6836	2.6067	31.519	.5251	.72715	946.13

#1	3.5660	1.4662	.01154	.02856	.00165	.5717	.01402	-.13093
#2	3.5614	1.4801	.00988	.02713	.00292	.5775	.01397	.09727
#3	3.5614	1.4751	.01007	.02809	.00317	.5734	.01417	.07343

Sample Name: K1993-07 Acquired: 3/21/2019 19:48:31 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.2167
Stddev	1.2521
%RSD	38.923

#1	1.7967
#2	4.1620
#3	3.6915

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.5	39453.	3989.7	77.231	4195.7
Stddev	2.5	94.	9.6	1.299	4.4
%RSD	.07186	.23777	.23951	1.6817	.10374

#1	3487.3	39452.	4000.5	77.033	4194.1
#2	3489.0	39547.	3986.1	78.617	4192.3
#3	3492.2	39360.	3982.5	76.042	4200.6

Sample Name: K1993-08 Acquired: 3/21/2019 19:52:53 Type: Unk
Method: P4-ICP2(v2970) 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	.00365	-.00679	.02997	.02093	.01246	1.7633	.07140	.00014
Stddev	.00330	.00070	.00078	.00129	.00083	.0202	.00071	.00006
%RSD	90.377	10.345	2.6112	6.1694	6.6843	1.1429	.99071	43.883

#1	.00398	-.00722	.03028	.02193	.01327	1.7717	.07207	.00008
#2	.00020	-.00717	.02907	.01947	.01251	1.7780	.07148	.00014
#3	.00677	-.00598	.03054	.02138	.01160	1.7403	.07066	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	18.446	.02105	.00400	.10667	4.9249	.06133	3.2837
Stddev	.00012	.037	.00030	.00008	.00084	.0120	.00042	.0113
%RSD	33.954	.20094	1.4098	1.9093	.78889	.24388	.69250	.34491

#1	.00022	18.405	.02075	.00401	.10664	4.9115	.06110	3.2707
#2	.00041	18.476	.02134	.00408	.10584	4.9285	.06106	3.2890
#3	.00045	18.458	.02105	.00392	.10752	4.9348	.06182	3.2913

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02755	.00007	49.211	.01661	2.9170	32.954	.00088	.54605
Stddev	.00047	.00019	.214	.00037	.0025	.120	.00016	.00500
%RSD	1.7237	279.13	.43578	2.2375	.08572	.36284	18.499	.91546

#1	.02725	.00024	49.217	.01655	2.9184	33.009	.00074	.54986
#2	.02810	-.00014	49.422	.01627	2.9185	33.037	.00085	.54039
#3	.02732	.00010	48.993	.01701	2.9141	32.817	.00106	.54791

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6773	2.3602	.00953	.05126	.00792	1.962	.03680	1.5196
Stddev	.0073	.0166	.00124	.00135	.00060	.006	.00029	.3314
%RSD	.15608	.70151	13.020	2.6326	7.5660	.2936	.77871	21.809

#1	4.6689	2.3464	.01031	.05254	.00841	1.963	.03690	1.2539
#2	4.6822	2.3556	.01018	.05139	.00809	1.956	.03702	1.8910
#3	4.6809	2.3786	.00810	.04985	.00725	1.967	.03648	1.4140

Sample Name: K1993-08 Acquired: 3/21/2019 19:52:53 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.6682
 Stddev .6004
 %RSD 35.988

#1 1.7103
 #2 2.2464
 #3 1.0479

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3405.0	38318.	3968.9	74.861	3844.6
Stddev	4.5	69.	10.0	1.381	8.3
%RSD	.13166	.17929	.25115	1.8446	.21638

#1	3400.4	38304.	3980.4	75.532	3835.1
#2	3409.4	38258.	3963.5	75.777	3848.1
#3	3405.1	38393.	3962.8	73.272	3850.6

Sample Name: K1993-09 Acquired: 3/21/2019 19:57:11 Type: Unk
Method: P4-ICP2(v2970) 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	.00054	-.00789	.15415	.01561	.00470	1.8019	.03324	.00025
Stddev	.00265	.00117	.00119	.00090	.00140	.0177	.00059	.00009
%RSD	487.46	14.797	.77008	5.7504	29.834	.98004	1.7793	38.357

#1	.00163	-.00923	.15524	.01599	.00598	1.8019	.03257	.00035
#2	-.00247	-.00709	.15434	.01459	.00491	1.7842	.03346	.00020
#3	.00248	-.00735	.15288	.01626	.00320	1.8196	.03369	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	11.079	.01018	.00825	.04538	3.8711	.05692	1.3760
Stddev	.00006	.071	.00031	.00005	.00040	.0079	.00043	.0170
%RSD	14.986	.63908	3.0556	.62199	.88231	.20321	.74720	1.2330

#1	.00036	11.005	.00982	.00819	.04528	3.8637	.05738	1.3646
#2	.00040	11.087	.01031	.00829	.04504	3.8704	.05654	1.3955
#3	.00048	11.146	.01040	.00828	.04583	3.8794	.05685	1.3680

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00644	-.00078	7.3317	.00262	1.3456	2.2253	.00063	.15154
Stddev	.00018	.00029	.0151	.00033	.0010	.0116	.00008	.00576
%RSD	2.7218	37.127	.20573	12.542	.07199	.52085	12.897	3.7995

#1	.00624	-.00065	7.3358	.00298	1.3466	2.2354	.00068	.15629
#2	.00655	-.00111	7.3150	.00257	1.3447	2.2126	.00054	.14514
#3	.00652	-.00058	7.3443	.00233	1.3454	2.2280	.00067	.15320

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0257	1.6141	.00366	.07317	.00378	.6507	.01835	<.00000
Stddev	.0103	.0071	.00032	.00094	.00134	.0057	.00025	.20950
%RSD	.34190	.43946	8.8506	1.2884	35.492	.8816	1.3495	54.978

#1	3.0230	1.6160	.00394	.07420	.00493	.6444	.01848	-.35341
#2	3.0371	1.6062	.00374	.07296	.00231	.6557	.01807	-.18676
#3	3.0170	1.6200	.00331	.07235	.00409	.6519	.01851	-.60301

Sample Name: K1993-09 Acquired: 3/21/2019 19:57:11 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.0657
 Stddev 1.0118
 %RSD 24.886

#1 5.2334
 #2 3.4487
 #3 3.5150

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3544.3	40063.	4077.2	76.828	4139.4
Stddev	8.6	41.	7.8	.172	10.3
%RSD	.24262	.10324	.19032	.22396	.24805

#1	3534.9	40078.	4085.7	77.025	4127.8
#2	3551.7	40017.	4070.5	76.708	4143.4
#3	3546.5	40096.	4075.4	76.750	4147.2

Sample Name: K1993-10 Acquired: 3/21/2019 20:01:30 Type: Unk
Method: P4-ICP2(v2970) 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	-.00038	-.00850	.06959	.01623	.00784	1.3245	.04151	.00010
Stddev	.00169	.00031	.00085	.00306	.00071	.0129	.00058	.00001
%RSD	444.83	3.6577	1.2229	18.842	9.0127	.97340	1.4058	10.464

#1	-.00021	-.00859	.06990	.01407	.00865	1.3364	.04122	.00011
#2	.00122	-.00875	.07023	.01973	.00749	1.3263	.04218	.00009
#3	-.00215	-.00815	.06862	.01489	.00738	1.3108	.04113	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05885	10.473	.00998	.00309	.04442	3.9044	.07116	1.7332
Stddev	.00016	.031	.00035	.00012	.00090	.0057	.00006	.0034
%RSD	.27691	.29426	3.4765	3.7762	2.0188	.14571	.07904	.19697

#1	.05872	10.507	.00985	.00296	.04526	3.8980	.07121	1.7302
#2	.05903	10.467	.01038	.00315	.04347	3.9061	.07118	1.7369
#3	.05879	10.446	.00972	.00317	.04452	3.9090	.07110	1.7325

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01717	-.00087	6.5588	.00341	1.8331	2.5640	.00024	.16054
Stddev	.00031	.00038	.0199	.00022	.0022	.0266	.00038	.00928
%RSD	1.8011	43.654	.30376	6.4075	.12276	1.0356	162.49	5.7832

#1	.01739	-.00058	6.5577	.00319	1.8318	2.5335	.00011	.16075
#2	.01731	-.00074	6.5792	.00363	1.8357	2.5763	.00066	.16971
#3	.01682	-.00130	6.5394	.00341	1.8317	2.5821	-.00007	.15115

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4716	2.1378	.02122	.05622	.00269	.8580	.02076	<.00000
Stddev	.0051	.0072	.00038	.00410	.00046	.0031	.00008	.37364
%RSD	.14573	.33795	1.7686	7.2973	17.081	.3601	.40265	61.890

#1	3.4771	2.1375	.02086	.05350	.00221	.8603	.02077	-1.0157
#2	3.4673	2.1308	.02120	.06094	.00276	.8592	.02068	-.28669
#3	3.4702	2.1452	.02161	.05421	.00312	.8545	.02085	-.50879

Sample Name: K1993-10 Acquired: 3/21/2019 20:01:30 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.5579
Stddev .3721
%RSD 8.1645

#1 4.2402
#2 4.4661
#3 4.9673

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3583.5	40618.	4110.7	76.639	4146.2
Stddev	10.7	72.	13.8	.799	3.6
%RSD	.29956	.17624	.33598	1.0423	.08759

#1	3572.0	40585.	4111.0	75.717	4145.9
#2	3593.4	40700.	4124.4	77.117	4142.8
#3	3585.0	40569.	4096.7	77.083	4150.0

Sample Name: K1993-11 Acquired: 3/21/2019 20:05:48 Type: Unk
Method: P4-ICP2(v2970) 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	-.00184	-.00688	.00666	.01420	.00200	.30441	.02003	.00001
Stddev	.00305	.00057	.00072	.00238	.00053	.00826	.00037	.00002
%RSD	166.17	8.3098	10.802	16.771	26.306	2.7130	1.8692	153.28

#1	.00141	-.00623	.00744	.01695	.00144	.30457	.01990	-.00001
#2	-.00465	-.00731	.00651	.01276	.00206	.31259	.01974	.00001
#3	-.00227	-.00709	.00602	.01290	.00249	.29607	.02045	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	3.0395	.00398	.00140	.03682	1.2186	.01812	1.1272
Stddev	.00003	.0160	.00022	.00019	.00038	.0061	.00003	.0072
%RSD	119.15	.52670	5.5145	13.678	1.0206	.50255	.17000	.63751

#1	.00005	3.0571	.00405	.00125	.03724	1.2188	.01811	1.1228
#2	.00001	3.0258	.00415	.00162	.03650	1.2124	.01809	1.1354
#3	.00001	3.0356	.00373	.00135	.03674	1.2247	.01815	1.1232

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00492	-.00045	4.2355	.00112	2.2580	2.4268	-.00037	.09244
Stddev	.00004	.00065	.0428	.00013	.0032	.0323	.00014	.00482
%RSD	.71774	143.57	1.0105	11.716	.14209	1.3295	38.930	5.2104

#1	.00496	-.00006	4.2051	.00126	2.2617	2.4468	-.00035	.09552
#2	.00491	-.00009	4.2169	.00099	2.2563	2.3896	-.00052	.09491
#3	.00490	-.00121	4.2844	.00112	2.2559	2.4441	-.00024	.08689

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1947	.97664	.00244	.01691	.00030	.3537	.00972	<.00000
Stddev	.0070	.00570	.00042	.00062	.00028	.0013	.00020	.16416
%RSD	.31851	.58370	17.143	3.6775	94.343	.3592	2.0404	38.289

#1	2.2004	.97613	.00200	.01620	.00048	.3547	.00995	-.58175
#2	2.1967	.98258	.00283	.01735	-.00003	.3523	.00958	-.25533
#3	2.1869	.97121	.00249	.01718	.00045	.3541	.00963	-.44916

Sample Name: K1993-11 Acquired: 3/21/2019 20:05:48 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.0517
 Stddev .2764
 %RSD 13.474

#1 2.0170
 #2 2.3439
 #3 1.7943

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3525.4	39870.	4008.4	77.047	4207.7
Stddev	4.5	183.	4.5	1.057	7.4
%RSD	.12663	.45830	.11144	1.3713	.17672

#1	3521.5	39933.	4013.4	76.125	4199.6
#2	3524.4	40013.	4004.7	78.200	4209.5
#3	3530.3	39664.	4007.0	76.817	4214.1

Sample Name: K1993-12 Acquired: 3/21/2019 20:10:10 Type: Unk
Method: P4-ICP2(v2970) 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	-.00272	-.00821	.00255	.01325	.00137	.23562	.01437	.00009
Stddev	.00147	.00090	.00103	.00267	.00040	.00730	.00059	.00009
%RSD	54.104	11.005	40.291	20.169	29.088	3.0979	4.1106	107.77

#1	-.00324	-.00790	.00324	.01283	.00162	.23117	.01446	-.00002
#2	-.00106	-.00923	.00305	.01610	.00091	.23165	.01492	.00012
#3	-.00386	-.00751	.00137	.01081	.00159	.24405	.01374	.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	1.9632	.00325	.00159	.02770	.80502	.01423	1.1316
Stddev	.00005	.0200	.00033	.00012	.00053	.00130	.00007	.0030
%RSD	261.72	1.0208	10.085	7.4394	1.9279	.16135	.50611	.26845

#1	-.00003	1.9748	.00300	.00173	.02826	.80652	.01415	1.1317
#2	.00002	1.9401	.00313	.00149	.02719	.80418	.01429	1.1346
#3	.00007	1.9748	.00362	.00157	.02765	.80436	.01425	1.1286

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00355	-.00103	3.9306	.00077	1.8170	1.7845	-.00042	.10381
Stddev	.00012	.00051	.0194	.00014	.0016	.0634	.00021	.00973
%RSD	3.2641	49.359	.49465	18.072	.08664	3.5503	51.040	9.3736

#1	.00360	-.00051	3.9111	.00062	1.8161	1.7755	-.00025	.11289
#2	.00342	-.00153	3.9306	.00078	1.8188	1.7261	-.00066	.09354
#3	.00363	-.00107	3.9500	.00090	1.8161	1.8519	-.00034	.10501

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7861	.96081	.00227	.01689	.00076	.3272	.00855	<.00000
Stddev	.0083	.00514	.00039	.00091	.00096	.0026	.00016	.61787
%RSD	.46373	.53474	17.228	5.3606	127.25	.7959	1.8364	125.68

#1	1.7778	.96222	.00258	.01742	.00156	.3258	.00873	.15244
#2	1.7943	.95512	.00240	.01584	-.00031	.3302	.00851	-.54783
#3	1.7862	.96510	.00183	.01741	.00103	.3256	.00842	-1.0795

Sample Name: K1993-12 Acquired: 3/21/2019 20:10:10 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.0290
 Stddev 1.0448
 %RSD 34.492

#1 2.1864
 #2 2.7026
 #3 4.1980

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3524.8	40205.	3996.1	76.853	4249.7
Stddev	7.2	123.	25.9	1.509	9.8
%RSD	.20442	.30606	.64826	1.9640	.23055

#1	3519.0	40065.	3966.4	75.208	4251.2
#2	3522.5	40257.	4008.2	78.175	4239.2
#3	3532.8	40294.	4013.7	77.175	4258.6

Sample Name: K1993-13 Acquired: 3/21/2019 20:14:33 Type: Unk
Method: P4-ICP2(v2970) 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	-.00172	-.00703	.00746	.01579	.00304	.39391	.03394	.00001
Stddev	.00134	.00023	.00038	.00247	.00163	.00775	.00051	.00005
%RSD	77.972	3.2478	5.0694	15.619	53.675	1.9671	1.4889	553.89

#1	-.00269	-.00685	.00787	.01584	.00145	.40220	.03352	.00007
#2	-.00228	-.00695	.00713	.01329	.00471	.38685	.03450	-.00004
#3	-.00019	-.00728	.00737	.01822	.00297	.39270	.03381	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	3.0241	.00410	.00165	.06493	1.5728	.01983	1.5098
Stddev	.00014	.0414	.00020	.00021	.00043	.0005	.00021	.0276
%RSD	812.16	1.3678	4.7697	12.947	.65890	.03280	1.0641	1.8260

#1	.00006	2.9777	.00393	.00189	.06531	1.5724	.01977	1.4970
#2	.00007	3.0376	.00431	.00157	.06503	1.5727	.02006	1.4911
#3	-.00018	3.0570	.00404	.00148	.06447	1.5734	.01965	1.5415

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00462	-.00046	5.0028	.00135	2.1605	2.3959	-.00055	.07855
Stddev	.00036	.00013	.0494	.00041	.0037	.0334	.00010	.00493
%RSD	7.8537	27.551	.98709	30.524	.17111	1.3926	18.514	6.2718

#1	.00491	-.00040	5.0289	.00094	2.1593	2.4056	-.00064	.07815
#2	.00422	-.00038	4.9458	.00133	2.1647	2.3587	-.00057	.08367
#3	.00474	-.00061	5.0336	.00176	2.1576	2.4233	-.00044	.07384

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9903	1.1529	.00273	.02266	.00161	.5134	.01145	<.00000
Stddev	.0024	.0145	.00013	.00239	.00207	.0014	.00013	.31759
%RSD	.12191	1.2582	4.6833	10.546	128.74	.2804	1.1521	314.06

#1	1.9913	1.1558	.00259	.02532	.00218	.5125	.01149	.20544
#2	1.9922	1.1658	.00279	.02070	.00333	.5151	.01156	-.42870
#3	1.9876	1.1372	.00282	.02195	-.00069	.5128	.01130	-.08013

Sample Name: K1993-13 Acquired: 3/21/2019 20:14:33 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.4122
Stddev	.1268
%RSD	5.2554

#1	2.5046
#2	2.4644
#3	2.2677

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3529.9	40199.	4017.9	78.508	4215.8
Stddev	12.5	190.	47.1	.816	12.7
%RSD	.35387	.47331	1.1720	1.0394	.30215

#1	3531.4	40012.	3999.8	78.717	4222.7
#2	3516.8	40194.	3982.6	77.608	4201.1
#3	3541.6	40392.	4071.4	79.200	4223.5

Sample Name: K1993-14 Acquired: 3/21/2019 20:18:55 Type: Unk
Method: P4-ICP2(v2970) 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	-.00203	-.00731	.00531	.01249	.00201	.18381	.01584	.00003
Stddev	.00131	.00052	.00051	.00438	.00215	.00510	.00067	.00000
%RSD	64.425	7.1475	9.5500	35.091	106.90	2.7762	4.2138	8.4582

#1	-.00196	-.00671	.00493	.01677	.00439	.18311	.01509	.00003
#2	-.00337	-.00766	.00588	.00801	.00021	.17909	.01604	.00004
#3	-.00076	-.00756	.00511	.01269	.00143	.18922	.01638	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	1.9191	.00394	.00169	.02273	.69152	.01386	1.0802
Stddev	.00012	.0930	.00033	.00010	.00047	.00474	.00011	.0062
%RSD	644.08	4.8465	8.4991	5.9026	2.0698	.68604	.80355	.57106

#1	.00009	1.8120	.00356	.00181	.02219	.68908	.01382	1.0731
#2	-.00015	1.9802	.00407	.00163	.02301	.68850	.01378	1.0844
#3	.00001	1.9650	.00419	.00163	.02300	.69699	.01399	1.0829

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00280	-.00051	4.2763	.00080	2.4205	2.8649	-.00064	.05168
Stddev	.00026	.00028	.0421	.00024	.0042	.0386	.00010	.01178
%RSD	9.3050	56.079	.98389	29.383	.17406	1.3459	15.909	22.786

#1	.00286	-.00026	4.2361	.00101	2.4226	2.8414	-.00052	.06145
#2	.00303	-.00082	4.2728	.00055	2.4156	2.8440	-.00070	.05498
#3	.00252	-.00044	4.3200	.00085	2.4232	2.9094	-.00070	.03860

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4276	.73979	.01071	.01333	.00128	.4248	.00881	.13400
Stddev	.0067	.02115	.00036	.00218	.00210	.0024	.00040	.29596
%RSD	.27497	2.8595	3.3351	16.349	164.74	.5553	4.5350	220.87

#1	2.4257	.71576	.01048	.01503	-.00108	.4275	.00835	.22516
#2	2.4351	.74803	.01053	.01408	.00296	.4234	.00907	.37366
#3	2.4222	.75559	.01112	.01087	.00195	.4235	.00901	-.19682

Sample Name: K1993-14 Acquired: 3/21/2019 20:18:55 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 1.7927
 Stddev .5628
 %RSD 31.395

#1 1.4075
 #2 2.4386
 #3 1.5320

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3510.3	39869.	4052.4	78.583	4186.4
Stddev	5.6	94.	120.3	2.046	5.6
%RSD	.15960	.23503	2.9695	2.6029	.13424

#1	3507.5	39764.	4189.7	80.850	4181.2
#2	3506.7	39942.	3965.1	76.875	4192.4
#3	3516.7	39903.	4002.5	78.025	4185.7

Sample Name: K1993-15 Acquired: 3/21/2019 20:23:17 Type: Unk
Method: P4-ICP2(v2970) 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	.00350	-.01012	.00563	.01394	.00320	.28116	.01986	.00003
Stddev	.00396	.00102	.00042	.00288	.00036	.00819	.00040	.00006
%RSD	112.97	10.101	7.3771	20.667	11.295	2.9126	2.0179	196.87

#1	.00793	-.00896	.00608	.01685	.00323	.29027	.02031	.00006
#2	.00030	-.01088	.00527	.01387	.00282	.27441	.01958	-.00004
#3	.00229	-.01053	.00553	.01109	.00354	.27881	.01967	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	2.9918	.00599	.00145	.03944	1.3839	.02051	.40229
Stddev	.00011	.0130	.00041	.00010	.00028	.0062	.00021	.02639
%RSD	4662.5	.43451	6.8431	7.1330	.71708	.44583	1.0254	6.5610

#1	.00013	3.0063	.00578	.00150	.03912	1.3835	.02052	.43268
#2	-.00008	2.9877	.00572	.00133	.03964	1.3903	.02072	.38919
#3	-.00005	2.9813	.00646	.00151	.03957	1.3779	.02030	.38502

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00360	-.00044	3.0590	.00125	1.2482	2.3935	-.00039	.06483
Stddev	.00068	.00030	.0103	.00003	.0008	.0684	.00017	.01045
%RSD	18.748	67.935	.33788	2.0093	.06709	2.8589	43.613	16.122

#1	.00339	-.00072	3.0707	.00127	1.2477	2.4267	-.00057	.05989
#2	.00436	-.00047	3.0513	.00123	1.2479	2.3148	-.00035	.07683
#3	.00306	-.00013	3.0548	.00123	1.2492	2.4389	-.00024	.05776

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6912	.93760	.01073	.01740	.00328	.6316	.00797	<.00000
Stddev	.0037	.00419	.00040	.00190	.00181	.0020	.00022	.06820
%RSD	.21984	.44670	3.7633	10.920	55.297	.3186	2.7729	14.841

#1	1.6932	.93462	.01119	.01523	.00347	.6338	.00786	-.51270
#2	1.6936	.93579	.01045	.01875	.00499	.6311	.00782	-.48324
#3	1.6870	.94239	.01053	.01823	.00138	.6299	.00822	-.38264

Sample Name: K1993-15 Acquired: 3/21/2019 20:23:17 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.3244
Stddev	.2590
%RSD	7.7900

#1	3.1924
#2	3.6227
#3	3.1579

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3487.4	39841.	3941.3	76.600	4245.6
Stddev	10.9	82.	17.3	1.734	9.1
%RSD	.31141	.20615	.44011	2.2639	.21521

#1	3480.0	39932.	3955.2	78.592	4241.3
#2	3499.9	39771.	3946.7	75.783	4256.1
#3	3482.4	39820.	3921.8	75.425	4239.5

Sample Name: K1993-16 Acquired: 3/21/2019 20:27:40 Type: Unk
Method: P4-ICP2(v2970) 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	.00001	-.00992	.02127	.01393	.00684	.59821	.02798	.00013
Stddev	.00168	.00080	.00055	.00135	.00170	.01376	.00062	.00004
%RSD	12607.	8.0391	2.6052	9.6592	24.846	2.2994	2.2277	30.143

#1	-.00184	-.00900	.02084	.01275	.00871	.60268	.02853	.00015
#2	.00032	-.01035	.02108	.01366	.00540	.58277	.02810	.00008
#3	.00148	-.01040	.02190	.01540	.00641	.60916	.02731	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00524	4.6702	.00592	.00429	.03735	5.0592	.05120	1.5415
Stddev	.00003	.0236	.00025	.00028	.00053	.0053	.00033	.0352
%RSD	.62713	.50469	4.1582	6.4191	1.4220	.10581	.64748	2.2853

#1	.00523	4.6518	.00597	.00407	.03740	5.0530	.05093	1.5175
#2	.00527	4.6967	.00615	.00460	.03679	5.0624	.05157	1.5249
#3	.00521	4.6620	.00566	.00420	.03785	5.0623	.05110	1.5819

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00468	-.00094	6.8905	.00184	1.7663	2.1215	.00007	.17072
Stddev	.00027	.00019	.0365	.00032	.0049	.0036	.00012	.00112
%RSD	5.7586	20.212	.53040	17.405	.27962	.16795	176.97	.65832

#1	.00499	-.00074	6.8768	.00199	1.7718	2.1247	.00008	.16963
#2	.00450	-.00111	6.8628	.00207	1.7651	2.1220	-.00006	.17064
#3	.00455	-.00097	6.9320	.00147	1.7621	2.1176	.00017	.17188

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3553	1.7437	.00332	.03090	.00163	.6227	.01394	.22286
Stddev	.0069	.0151	.00039	.00246	.00067	.0017	.00004	.37784
%RSD	.20402	.86415	11.815	7.9631	41.197	.2709	.25371	169.54

#1	3.3537	1.7463	.00359	.03162	.00097	.6216	.01397	.09607
#2	3.3628	1.7573	.00287	.02816	.00162	.6247	.01394	-.07528
#3	3.3494	1.7275	.00351	.03293	.00231	.6219	.01390	.64778

Sample Name: K1993-16 Acquired: 3/21/2019 20:27:40 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.5451
 Stddev .4545
 %RSD 9.9992

#1 4.2329
 #2 4.3359
 #3 5.0665

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3467.8	39773.	3930.0	75.350	4155.0
Stddev	5.2	13.	13.2	2.309	8.7
%RSD	.15003	.03343	.33576	3.0647	.20834

#1	3462.6	39775.	3921.0	74.750	4145.3
#2	3473.0	39786.	3923.9	73.400	4157.7
#3	3468.0	39759.	3945.1	77.900	4162.0

Sample Name: CCV05 Acquired: 3/21/2019 20:32:01 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8604	4.9458	4.7206	5.3169	4.8055	F 8.1734	F 8.8632	.23582
Stddev	.0209	.0086	.0196	.0120	.0106	.0831	.0237	.00064
%RSD	.43090	.17469	.41524	.22506	.22039	1.0167	.26691	.27306
#1	4.8779	4.9528	4.7431	5.3294	4.8056	8.2268	8.8891	.23519
#2	4.8660	4.9486	4.7117	5.3055	4.8161	8.2157	8.8428	.23580
#3	4.8372	4.9362	4.7070	5.3159	4.7949	8.0776	8.8577	.23648
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3978	26.107	1.0065	2.4274	1.1701	5.0531	2.4971	F 20.124
Stddev	.0076	.123	.0014	.0074	.0043	.0047	.0013	.086
%RSD	.31769	.47132	.13382	.30426	.36459	.09241	.05041	.42601
#1	2.4065	25.998	1.0075	2.4357	1.1744	5.0478	2.4970	20.184
#2	2.3945	26.082	1.0050	2.4216	1.1701	5.0554	2.4958	20.162
#3	2.3923	26.240	1.0071	2.4249	1.1659	5.0562	2.4984	20.026
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4558	1.2443	23.176	2.6137	2.3100	23.207	4.9466	F 4.1972
Stddev	.0105	.0017	.049	.0023	.0057	.060	.0131	.0265
%RSD	.42608	.13717	.21331	.08754	.24493	.25899	.26374	.63117
#1	2.4665	1.2431	23.203	2.6140	2.3165	23.261	4.9455	4.2199
#2	2.4554	1.2437	23.119	2.6113	2.3070	23.142	4.9601	4.1681
#3	2.4456	1.2463	23.206	2.6158	2.3064	23.216	4.9341	4.2036
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5974	F 5.6004	4.7290	4.9810	5.4137	4.942	5.2494	F 3.9866
Stddev	.0095	.0528	.0095	.0188	.0336	.021	.0369	.0969
%RSD	.20757	.94227	.20164	.37682	.62129	.4260	.70341	2.4301
#1	4.5950	5.5526	4.7391	4.9595	5.3784	4.964	5.2108	4.0756
#2	4.6079	5.5918	4.7202	4.9937	5.4173	4.922	5.2529	3.8834
#3	4.5893	5.6570	4.7278	4.9899	5.4454	4.941	5.2844	4.0008

Sample Name: CCV05 Acquired: 3/21/2019 20:32:01 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.6275
Stddev	.8232
%RSD	50.582

#1	1.2046
#2	1.1017
#3	2.5763

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3325.5	37270.	3780.2	73.769	3603.5
Stddev	12.1	25.	29.8	.685	13.3
%RSD	.36322	.06693	.78739	.92870	.36796

#1	3324.1	37268.	3810.4	74.539	3591.5
#2	3314.3	37296.	3779.3	73.227	3601.3
#3	3338.3	37246.	3750.9	73.542	3617.7

Sample Name: CCB05 Acquired: 3/21/2019 20:35:59 Type: Unk
Method: P4-ICP2(v2970) 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	-.00412	-.00165	.00083	F .01033	.00301	-.07332	.00172
Stddev	.00127	.00041	.00072	.00312	.00123	.00391	.00024
%RSD	30.788	24.634	86.716	30.236	40.928	5.3345	14.084

#1	-.00486	-.00180	.00132	.01245	.00353	-.07780	.00200
#2	-.00266	-.00196	.00000	.01179	.00391	-.07056	.00157
#3	-.00486	-.00119	.00116	.00674	.00161	-.07162	.00158

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.00028	-.02343	-.00070	.00120	-.00276	-.00189
Stddev	.00011	.00007	.02254	.00028	.00031	.00020	.00032
%RSD	179.28	23.709	96.181	40.437	26.267	7.1186	17.168

#1	-.00015	-.00028	-.03838	-.00097	.00088	-.00257	-.00154
#2	.00006	-.00035	-.03441	-.00041	.00119	-.00296	-.00193
#3	-.00010	-.00022	.00249	-.00073	.00151	-.00273	-.00219

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.01858	-.00059	-.00023	-.07324	-.00052	-.00127
Stddev	.00002	.03790	.00027	.00015	.00992	.00014	.00015
%RSD	22.245	203.92	45.632	66.140	13.548	26.997	11.995

#1	.00009	.01415	-.00070	-.00018	-.07971	-.00039	-.00110
#2	.00014	-.01690	-.00029	-.00041	-.07818	-.00051	-.00132
#3	.00011	.05850	-.00080	-.00011	-.06181	-.00067	-.00140

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07266	-.00039	.00806	F -.02734	.00024	.00125	.00515
Stddev	.04961	.00039	.00918	.00218	.00147	.00031	.00163
%RSD	68.277	97.892	113.90	7.9900	618.77	24.441	31.635

#1	.02723	-.00016	.01867	-.02526	.00193	.00157	.00333
#2	.12559	-.00019	.00269	-.02714	-.00073	.00096	.00647
#3	.06515	-.00084	.00283	-.02962	-.00048	.00123	.00564

Sample Name: CCB05 Acquired: 3/21/2019 20:35:59 Type: Unk
 Method: P4-ICP2(v2970) 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	.00464	F .0061	.00013	F .91940	F<.00000
Stddev	.00470	.0006	.00013	.14377	.45787
%RSD	101.40	10.42	96.901	15.637	42.110
#1	.00625	.0057	.00024	.77057	-.58741
#2	-.00066	.0057	.00017	.93013	-1.4863
#3	.00832	.0068	-.00001	1.0575	-1.1882
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3531.5	39443.	3868.0	73.772	4106.8
Stddev	2.8	54.	24.4	1.452	3.2
%RSD	.08035	.13582	.63114	1.9681	.07766
#1	3530.0	39440.	3873.3	72.142	4108.2
#2	3534.7	39498.	3841.4	74.250	4109.0
#3	3529.7	39391.	3889.4	74.925	4103.1

Sample Name: K1993-17 Acquired: 3/21/2019 20:40:28 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00825	.01157	.01479	.01681	.59161	.02656	-.00001
Stddev	.00070	.00249	.00137	.00405	.00042	.01281	.00039	.00007
%RSD	574.70	30.141	11.832	27.372	2.5198	2.1657	1.4818	748.04

#1	.00069	-.00853	.01009	.01013	.01711	.59028	.02675	-.00009
#2	.00034	-.01059	.01279	.01748	.01633	.60504	.02610	.00003
#3	-.00066	-.00564	.01181	.01676	.01700	.57952	.02681	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00179	4.2010	.00523	.00212	.03710	2.3042	.03003	1.4326
Stddev	.00005	.0172	.00022	.00021	.00012	.0019	.00028	.0077
%RSD	2.5258	.41042	4.1563	10.077	.31013	.08062	.93797	.53821

#1	.00176	4.1827	.00541	.00200	.03716	2.3029	.03035	1.4394
#2	.00177	4.2032	.00499	.00237	.03716	2.3034	.02988	1.4242
#3	.00184	4.2170	.00529	.00201	.03696	2.3063	.02985	1.4342

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00432	-.00108	6.5611	.00154	1.8486	2.0812	.00007	.16704
Stddev	.00038	.00040	.1137	.00021	.0018	.1035	.00025	.00523
%RSD	8.7163	37.597	1.7324	13.956	.09600	4.9729	355.70	3.1315

#1	.00458	-.00138	6.5777	.00135	1.8477	2.0330	.00020	.16119
#2	.00389	-.00123	6.6656	.00149	1.8474	2.2001	-.00022	.16865
#3	.00449	-.00062	6.4401	.00177	1.8506	2.0107	.00023	.17127

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2579	1.5329	.00351	.02792	.00087	.6241	.01353	.60037
Stddev	.0046	.0365	.00054	.00219	.00096	.0028	.00032	.38430
%RSD	.13977	2.3781	15.382	7.8430	110.52	.4430	2.3672	64.010

#1	3.2592	1.5299	.00406	.02964	.00141	.6242	.01348	.53110
#2	3.2528	1.4981	.00298	.02545	-.00024	.6268	.01323	1.0146
#3	3.2616	1.5708	.00347	.02865	.00144	.6212	.01387	.25542

Sample Name: K1993-17 Acquired: 3/21/2019 20:40:28 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 2.7194
 Stddev .3630
 %RSD 13.350

#1 2.4460
 #2 2.5809
 #3 3.1313

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3443.2	39443.	3897.6	74.033	4098.7
Stddev	7.2	85.	69.0	1.754	1.5
%RSD	.20943	.21451	1.7710	2.3691	.03590

#1	3451.2	39491.	3924.9	75.075	4099.3
#2	3441.1	39346.	3948.8	75.017	4099.9
#3	3437.3	39494.	3819.1	72.008	4097.1

Sample Name: K1993-18 Acquired: 3/21/2019 20:44:51 Type: Unk
Method: P4-ICP2(v2970) 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	.00207	-.01267	-.00250	.01745	.00308	-.06843	.00500	-.00004
Stddev	.00307	.00048	.00045	.00370	.00265	.00953	.00046	.00006
%RSD	148.62	3.7799	18.014	21.189	86.058	13.928	9.1001	147.33

#1	.00528	-.01230	-.00254	.02146	.00041	-.06112	.00461	-.00001
#2	-.00085	-.01249	-.00203	.01671	.00571	-.06496	.00490	-.00011
#3	.00177	-.01321	-.00293	.01418	.00312	-.07921	.00550	-.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.43695	.00148	.00106	.03537	.06526	.00340	.12895
Stddev	.00008	.01600	.00021	.00023	.00036	.00009	.00008	.02879
%RSD	412.80	3.6620	14.488	22.138	1.0154	.14049	2.4702	22.326

#1	.00005	.43406	.00125	.00099	.03512	.06525	.00349	.10089
#2	-.00007	.42259	.00150	.00132	.03578	.06517	.00334	.12754
#3	.00008	.45420	.00168	.00087	.03520	.06536	.00336	.15842

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00441	-.00075	3.1626	.00008	.44317	1.9993	-.00049	.04892
Stddev	.00030	.00034	.0207	.00033	.00026	.0409	.00014	.00788
%RSD	6.8409	45.693	.65374	404.18	.05889	2.0478	28.883	16.105

#1	.00462	-.00043	3.1500	-.00029	.44303	1.9995	-.00043	.05104
#2	.00456	-.00071	3.1864	.00033	.44347	2.0401	-.00064	.04019
#3	.00407	-.00112	3.1513	.00020	.44301	1.9582	-.00038	.05551

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99470	.27233	.00392	.00458	-.00096	.4038	.00140	<.00000
Stddev	.00692	.00247	.00011	.00105	.00315	.0002	.00006	.30398
%RSD	.69526	.90871	2.8379	22.877	329.30	.0380	4.2519	70.795

#1	.99606	.26961	.00379	.00569	.00150	.4036	.00133	-.13322
#2	1.0008	.27445	.00399	.00444	-.00450	.4039	.00144	-.41428
#3	.98720	.27292	.00397	.00361	.00013	.4037	.00142	-.74061

Sample Name: K1993-18 Acquired: 3/21/2019 20:44:51 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.9957
 Stddev .7417
 %RSD 18.563

#1 3.1527
 #2 4.2864
 #3 4.5480

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3485.4	40482.	3969.0	76.514	4302.4
Stddev	10.0	161.	35.4	.557	6.0
%RSD	.28816	.39647	.89272	.72820	.13919

#1	3474.3	40298.	3938.5	75.892	4295.5
#2	3488.3	40556.	4007.9	76.683	4305.8
#3	3493.8	40593.	3960.7	76.967	4305.8

Sample Name: K1993-19 Acquired: 3/21/2019 20:49:19 Type: Unk
Method: P4-ICP2(v2970) 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	.00204	-.01037	-.00180	.01681	.00091	-.06131	.00465	-.00007
Stddev	.00113	.00063	.00032	.00180	.00020	.01327	.00011	.00002
%RSD	55.445	6.0354	17.833	10.698	21.783	21.645	2.3519	23.310

#1	.00092	-.00981	-.00212	.01779	.00076	-.07635	.00453	-.00006
#2	.00318	-.01105	-.00148	.01791	.00114	-.05125	.00471	-.00006
#3	.00203	-.01024	-.00181	.01474	.00083	-.05633	.00472	-.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.37708	.00229	.00125	.02768	.11789	.00343	.15966
Stddev	.00004	.01371	.00037	.00006	.00017	.00148	.00002	.06151
%RSD	742.64	3.6347	16.314	4.4960	.60546	1.2512	.67055	38.526

#1	.00003	.36165	.00217	.00130	.02772	.11668	.00340	.10933
#2	.00001	.38176	.00271	.00126	.02749	.11953	.00345	.14141
#3	-.00005	.38784	.00199	.00119	.02782	.11746	.00344	.22823

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00356	-.00129	2.8000	-.00039	.39876	1.6136	-.00055	.04344
Stddev	.00018	.00006	.0169	.00013	.00064	.0077	.00006	.00578
%RSD	5.0130	4.6924	.60510	34.587	.16092	.48037	11.919	13.308

#1	.00375	-.00134	2.7830	-.00024	.39829	1.6114	-.00060	.04211
#2	.00339	-.00131	2.8003	-.00042	.39850	1.6072	-.00047	.03844
#3	.00353	-.00122	2.8169	-.00050	.39949	1.6222	-.00057	.04977

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91143	.25285	.00392	.00515	-.00202	.3570	.00117	<.00000
Stddev	.00556	.00178	.00039	.00131	.00127	.0011	.00006	.40335
%RSD	.61010	.70293	9.9175	25.448	62.791	.2976	5.1124	45.871

#1	.90796	.25395	.00433	.00657	-.00134	.3558	.00117	-.80293
#2	.90850	.25380	.00356	.00398	-.00124	.3573	.00122	-1.3154
#3	.91785	.25080	.00387	.00490	-.00348	.3578	.00110	-.51960

Sample Name: K1993-19 Acquired: 3/21/2019 20:49:19 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 2.6801
Stddev 1.5217
%RSD 56.778

#1 4.3729
#2 2.2416
#3 1.4258

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3538.2	40973.	3992.9	78.461	4358.5
Stddev	5.4	27.	23.6	.959	4.8
%RSD	.15376	.06527	.59084	1.2223	.11107

#1	3532.1	40944.	3967.9	78.925	4353.8
#2	3542.6	40979.	3996.0	77.358	4363.4
#3	3540.0	40996.	4014.8	79.100	4358.4

Sample Name: K1993-20 Acquired: 3/21/2019 20:53:46 Type: Unk
Method: P4-ICP2(v2970) 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	.00052	-.00855	-.00185	.01157	.00124	-.06120	.00371	.00003
Stddev	.00120	.00064	.00046	.00243	.00199	.00754	.00028	.00002
%RSD	229.39	7.5216	24.661	21.011	160.70	12.319	7.4527	53.976

#1	-.00084	-.00852	-.00136	.00884	-.00087	-.06655	.00403	.00001
#2	.00139	-.00793	-.00193	.01237	.00151	-.05258	.00355	.00004
#3	.00102	-.00921	-.00226	.01350	.00307	-.06446	.00355	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00016	.48504	.00119	.00116	.02110	.04267	.00193	.90560
Stddev	.00004	.01037	.00042	.00012	.00012	.00070	.00002	.02308
%RSD	22.604	2.1369	35.000	10.412	.55633	1.6406	1.2751	2.5482

#1	-.00019	.47430	.00089	.00129	.02124	.04320	.00191	.87955
#2	-.00017	.48585	.00101	.00105	.02104	.04293	.00192	.91375
#3	-.00012	.49498	.00167	.00115	.02103	.04187	.00195	.92349

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00202	-.00093	3.1809	.00009	.89810	.58604	-.00066	.03781
Stddev	.00047	.00035	.0163	.00017	.00250	.02981	.00018	.01045
%RSD	23.530	37.179	.51155	188.06	.27804	5.0859	27.206	27.638

#1	.00157	-.00095	3.1654	.00028	.89772	.59922	-.00063	.04123
#2	.00197	-.00057	3.1978	.00002	.90076	.55192	-.00086	.02608
#3	.00251	-.00126	3.1795	-.00003	.89581	.60698	-.00050	.04612

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83617	.33500	.00134	.00367	.00145	.1536	.00470	<.00000
Stddev	.00455	.00060	.00070	.00102	.00114	.0005	.00014	.20072
%RSD	.54360	.17894	52.544	27.786	79.023	.3115	2.9214	80.407

#1	.84128	.33569	.00085	.00414	.00276	.1535	.00470	-.03453
#2	.83467	.33475	.00101	.00250	.00089	.1532	.00483	-.43194
#3	.83257	.33457	.00214	.00438	.00069	.1541	.00456	-.28243

Sample Name: K1993-20 Acquired: 3/21/2019 20:53:46 Type: Unk
 Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .88231
 Stddev 1.1660
 %RSD 132.16

#1 1.9725
 #2 1.0215
 #3 -.34706

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3550.7	40618.	3938.3	77.603	4278.3
Stddev	2.7	41.	25.8	1.921	1.1
%RSD	.07734	.10018	.65611	2.4750	.02599

#1	3553.0	40571.	3909.2	76.942	4278.5
#2	3547.6	40636.	3947.2	76.100	4277.2
#3	3551.4	40646.	3958.5	79.767	4279.4

Sample Name: CCV06 Acquired: 3/21/2019 20:58:12 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7764	4.8415	4.6091	5.2317	4.6862	F 7.9124	F 8.5955	.22718
Stddev	.0103	.0040	.0119	.0121	.0042	.0384	.0296	.00048
%RSD	.21577	.08290	.25868	.23054	.09013	.48549	.34457	.21190
#1	4.7655	4.8384	4.5975	5.2455	4.6911	7.8727	8.5903	.22664
#2	4.7860	4.8400	4.6085	5.2264	4.6835	7.9493	8.6274	.22754
#3	4.7777	4.8460	4.6213	5.2233	4.6839	7.9153	8.5688	.22737
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3422	25.496	.97243	2.3706	1.1376	4.8893	2.4142	F 19.602
Stddev	.0045	.061	.00127	.0049	.0016	.0078	.0049	.075
%RSD	.19001	.23943	.13027	.20812	.13944	.16024	.20399	.38160
#1	2.3387	25.443	.97222	2.3663	1.1381	4.8839	2.4085	19.523
#2	2.3406	25.484	.97127	2.3695	1.1358	4.8983	2.4173	19.611
#3	2.3472	25.563	.97378	2.3760	1.1389	4.8857	2.4168	19.672
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4093	1.2029	22.520	2.5318	F 2.2475	22.643	4.8441	F 4.1016
Stddev	.0022	.0022	.069	.0056	.0026	.108	.0117	.0161
%RSD	.09176	.17974	.30710	.21957	.11412	.47591	.24049	.39308
#1	2.4072	1.2005	22.493	2.5274	2.2462	22.578	4.8321	4.0833
#2	2.4092	1.2046	22.598	2.5301	2.2459	22.768	4.8447	4.1138
#3	2.4116	1.2036	22.468	2.5381	2.2505	22.585	4.8554	4.1077
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.4818	5.3879	4.6358	4.8635	5.2572	4.840	5.1004	F 3.8973
Stddev	.0186	.0248	.0093	.0116	.0629	.012	.0473	.1783
%RSD	.41478	.45980	.20061	.23852	1.1968	.2503	.92826	4.5750
#1	4.4748	5.4156	4.6251	4.8677	5.3243	4.853	5.1508	3.7078
#2	4.4677	5.3678	4.6422	4.8724	5.2477	4.830	5.0935	4.0617
#3	4.5029	5.3804	4.6401	4.8504	5.1995	4.836	5.0568	3.9223

Sample Name: CCV06 Acquired: 3/21/2019 20:58:12 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.3418
Stddev 1.4990
%RSD 64.009

#1 .61834
#2 3.3420
#3 3.0651

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3372.7	38103.	3848.3	72.423	3655.5
Stddev	5.8	17.	25.1	2.171	2.3
%RSD	.17113	.04417	.65287	2.9983	.06285

#1	3375.4	38121.	3819.5	69.921	3656.4
#2	3366.1	38101.	3865.3	73.520	3652.8
#3	3376.7	38088.	3860.3	73.826	3657.2

Sample Name: CCB06 Acquired: 3/21/2019 21:02:10 Type: Unk
Method: P4-ICP2(v2970) 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	-.00308	-.00068	.00098	F .00945	.00041	-.06503	.00140
Stddev	.00125	.00142	.00092	.00080	.00128	.01537	.00080
%RSD	40.694	208.20	94.340	8.4970	315.03	23.635	56.760

#1	-.00386	.00094	.00114	.00853	.00129	-.08146	.00163
#2	-.00164	-.00130	-.00001	.00992	.00099	-.06264	.00052
#3	-.00375	-.00169	.00182	.00991	-.00106	-.05100	.00205

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00032	-.01483	-.00053	.00118	-.00176	-.00242
Stddev	.00010	.00009	.01013	.00012	.00028	.00052	.00007
%RSD	810.54	26.755	68.324	23.123	23.710	29.514	2.8749

#1	.00003	-.00025	-.00314	-.00044	.00129	-.00232	-.00249
#2	.00006	-.00030	-.02035	-.00067	.00086	-.00129	-.00243
#3	-.00012	-.00042	-.02099	-.00049	.00139	-.00168	-.00235

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.04575	-.00139	-.00014	-.08210	-.00031	-.00116
Stddev	.00001	.04057	.00023	.00058	.01684	.00030	.00015
%RSD	16.933	88.662	16.498	407.07	20.510	93.969	12.715

#1	.00005	.03281	-.00113	-.00030	-.06489	-.00020	-.00123
#2	.00007	.09121	-.00151	.00050	-.09854	-.00065	-.00126
#3	.00007	.01324	-.00154	-.00063	-.08285	-.00009	-.00099

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17415	-.00028	.01614	F -.02729	-.00427	.00157	.00159
Stddev	.07755	.00003	.01379	.00473	.00219	.00031	.00259
%RSD	44.531	10.875	85.429	17.352	51.263	19.730	163.16

#1	.11150	-.00029	.00227	-.02964	-.00213	.00191	.00444
#2	.15006	-.00030	.02984	-.02184	-.00417	.00151	.00092
#3	.26088	-.00024	.01630	-.03039	-.00650	.00130	-.00060

Sample Name: CCB06 Acquired: 3/21/2019 21:02:10 Type: Unk
Method: P4-ICP2(v2970) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00714	F .0050	-.00006	F 1.6455	F<.00000
Stddev	.00197	.0013	.00013	.2155	.64029
%RSD	27.632	25.27	202.55	13.098	69.433

#1	.00506	.0060	.00006	1.4894	-.70352
#2	.00898	.0036	-.00020	1.8914	-.41984
#3	.00738	.0056	-.00006	1.5557	-1.6431

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3488.2	39395.	3778.2	73.289	4063.2
Stddev	2.3	52.	14.0	1.799	5.1
%RSD	.06581	.13083	.37096	2.4542	.12566

#1	3485.8	39347.	3788.5	71.950	4062.4
#2	3488.3	39449.	3762.3	72.583	4058.5
#3	3490.4	39387.	3784.0	75.333	4068.7