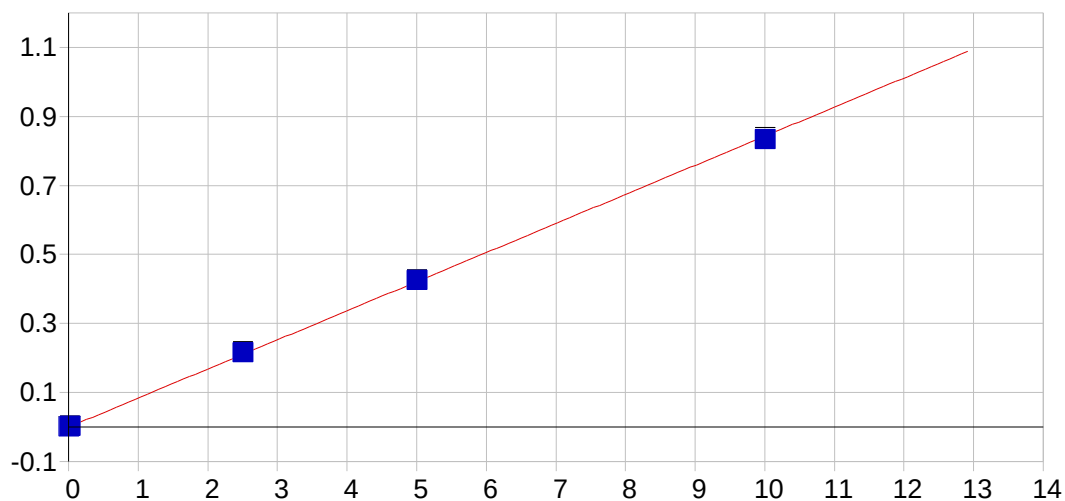


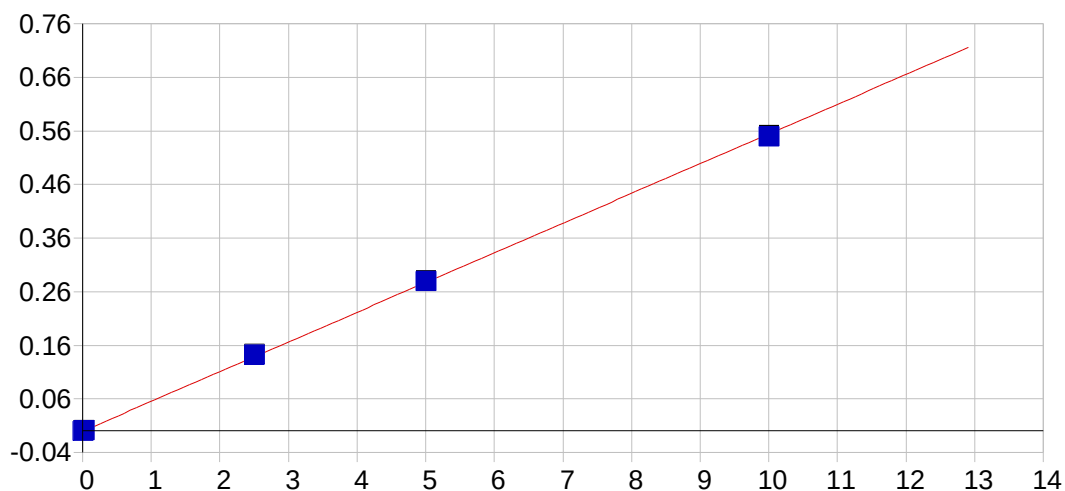


As 189.042 {478}

Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000400 Re-Slope: 1.000000
 A1 (Gain): 0.084313 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.002451
 Predicted MQL: 0.008171

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00040	.000	1
S1	.02000	.02284	.003	14.2	.00153	.000	1
S3	2.5000	2.5645	.064	2.58	.21580	.001	1
S4	5.0000	5.0405	.040	.810	.42455	.001	1
S5	10.000	9.8922	-.108	-1.08	.83359	.004	1



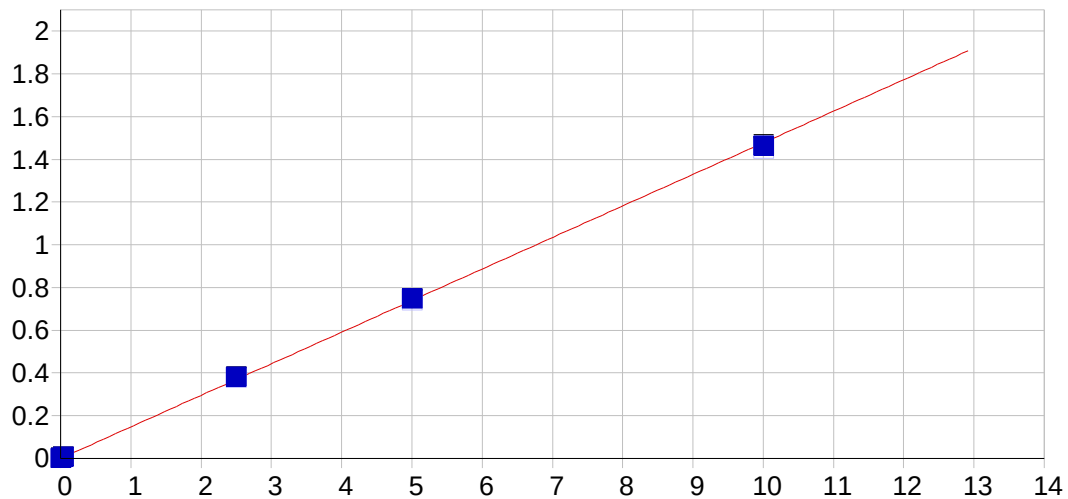
As 189.042 {479}

Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000205 Re-Slope: 1.000000

A1 (Gain): 0.055442 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999922 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.002358
 Predicted MQL: 0.007860

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00021	.000	1
S1	.02000	.02129	.001	6.46	.00098	.000	1
S3	2.5000	2.5612	.061	2.45	.14179	.000	1
S4	5.0000	5.0340	.034	.680	.27889	.001	1
S5	10.000	9.9035	-.096	-.965	.54887	.002	1

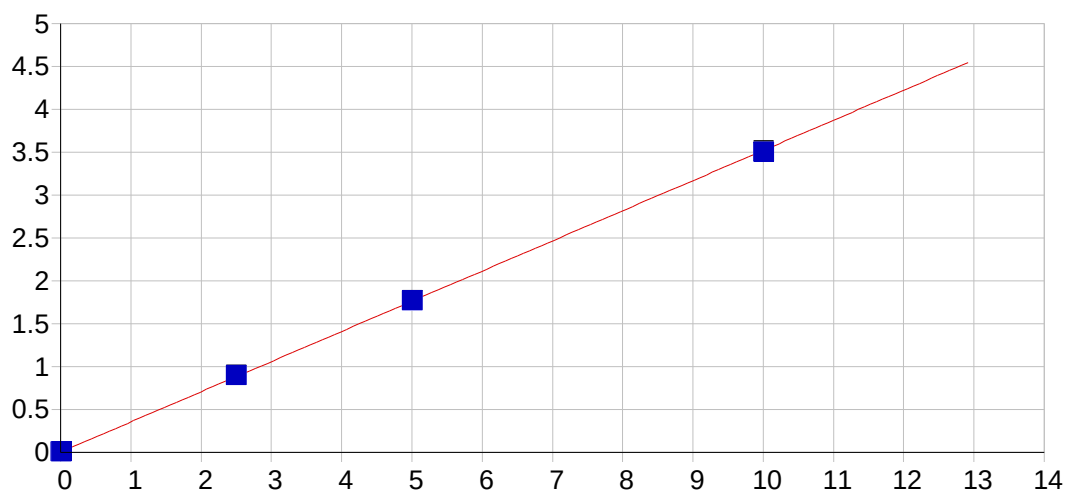


TI 190.856 {477}

Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000244 Re-Slope: 1.000000
 A1 (Gain): 0.147729 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.001099
 Predicted MQL: 0.003663

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00024	.000	1
S1	.04000	.04373	.004	9.33	.00655	.000	1
S3	2.5000	2.5655	.065	2.62	.37545	.001	1
S4	5.0000	5.0415	.042	.831	.73745	.002	1
S5	10.000	9.8893	-.111	-1.11	1.4460	.008	1

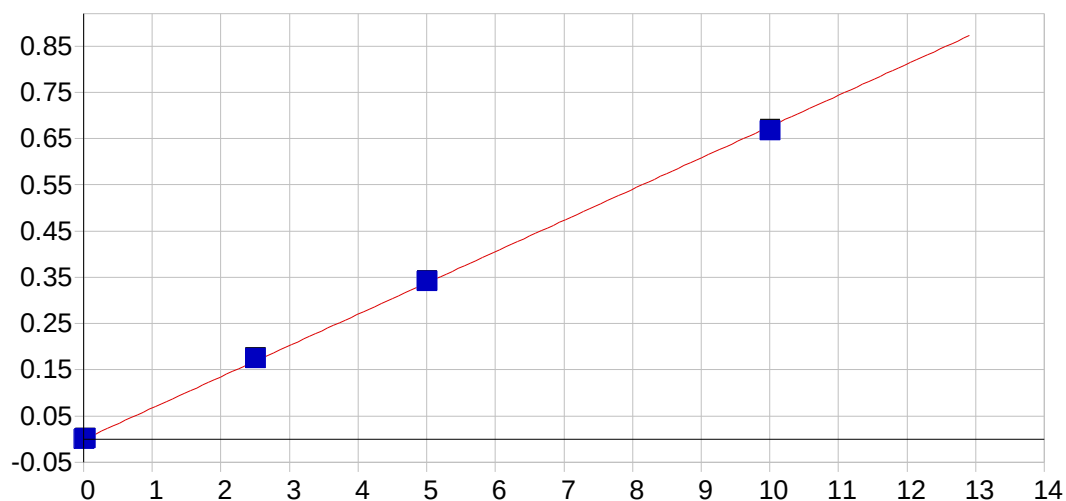


Pb 220.353 {453}

Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003976 Re-Slope: 1.000000
 A1 (Gain): 0.351685 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: OK.
 Std Error of Est: 0.000048
 Predicted MDL: 0.000781
 Predicted MQL: 0.002603

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00398	.000	1
S1	.01200	.01167	-.000	-2.75	.00800	.000	1
S3	2.5000	2.5401	.040	1.60	.89608	.002	1
S4	5.0000	5.0098	.010	.196	1.7635	.003	1
S5	10.000	9.9504	-.050	-.496	3.4986	.010	1



Se 196.090 {472}

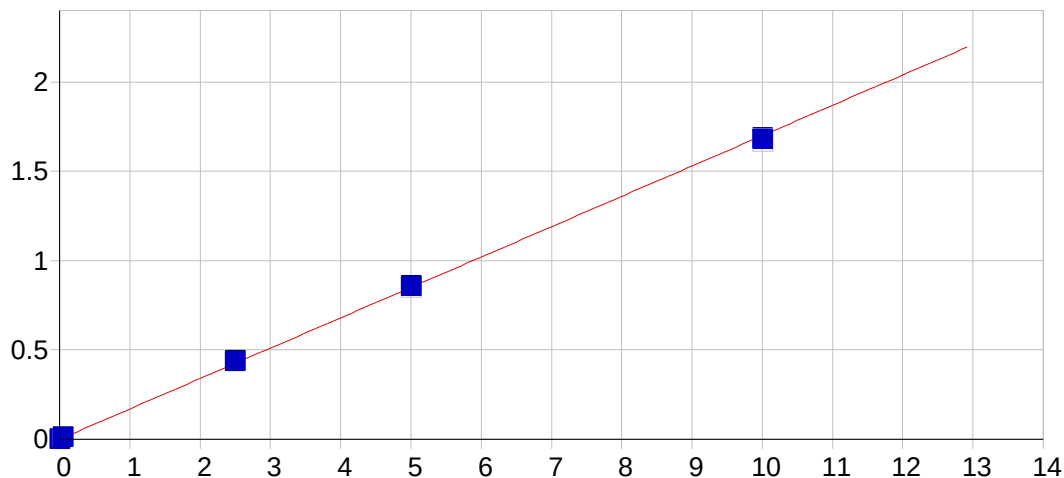
Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000250 Re-Slope: 1.000000
 A1 (Gain): 0.067603 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833
 Std Error of Est: 0.000030
 Predicted MDL: 0.002707
 Predicted MQL: 0.009023

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00025	.000	1
S1	.02000	.02232	.002	11.6	.00126	.000	1
S3	2.5000	2.5894	.089	3.57	.17476	.001	1
S4	5.0000	5.0473	.047	.946	.34089	.001	1
S5	10.000	9.8610	-.139	-1.39	.66624	.003	1



Sb 206.833 {463}

Date of Fit: 5/23/2019 18:03:19

Type of Fit: Linear

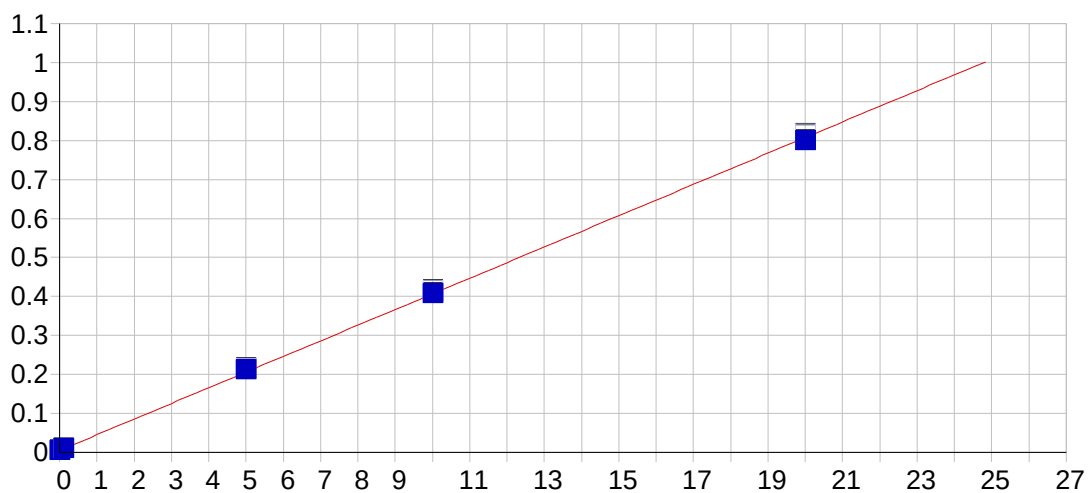
Weighting: 1/Conc

A0 (Offset): 0.000517
 A1 (Gain): 0.169913
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879
 Std Error of Est: 0.000100
 Predicted MDL: 0.001399
 Predicted MQL: 0.004664

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	.00052	.000	1
S1	.05000	.05355	.004	7.11	.00940	.000	1
S3	2.5000	2.5755	.075	3.02	.43335	.003	1
S4	5.0000	5.0374	.037	.747	.84688	.002	1
S5	10.000	9.8837	-.116	-1.16	1.6608	.006	1

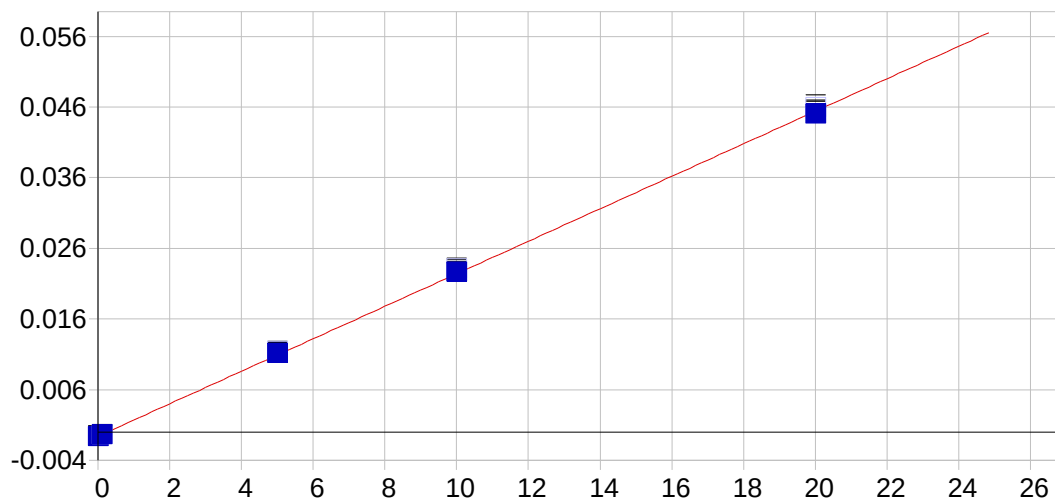


AI 308.215 {109}

Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005127 Re-Slope: 1.000000
 A1 (Gain): 0.040136 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999880 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.002477
 Predicted MQL: 0.008256

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00513	.000	1
S1	.10000	.11421	.014	14.2	.00999	.000	1
S3	5.0000	5.1517	.152	3.03	.21589	.000	1
S4	10.000	10.035	.035	.349	.41588	.001	1
S5	20.000	19.799	-.201	-1.01	.81574	.001	1



AI 309.271 {109}

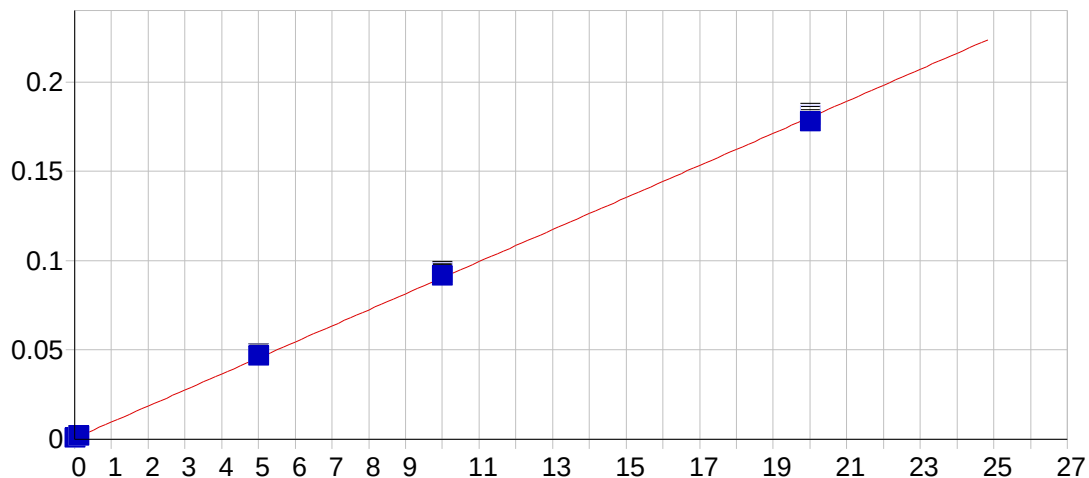
Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000604 Re-Slope: 1.000000
 A1 (Gain): 0.002300 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999899
 Std Error of Est: 0.000003
 Predicted MDL: 0.027968
 Predicted MQL: 0.093227

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00060	.000	1
S1	.10000	.08393	-.016	-16.1	-.00040	.000	1
S3	5.0000	5.1061	.106	2.12	.01137	.000	1
S4	10.000	10.093	.093	.927	.02307	.000	1
S5	20.000	19.818	-.182	-.910	.04590	.000	1



AI 396.152 { 85}

Date of Fit: 5/23/2019 18:03:19

Type of Fit: Linear

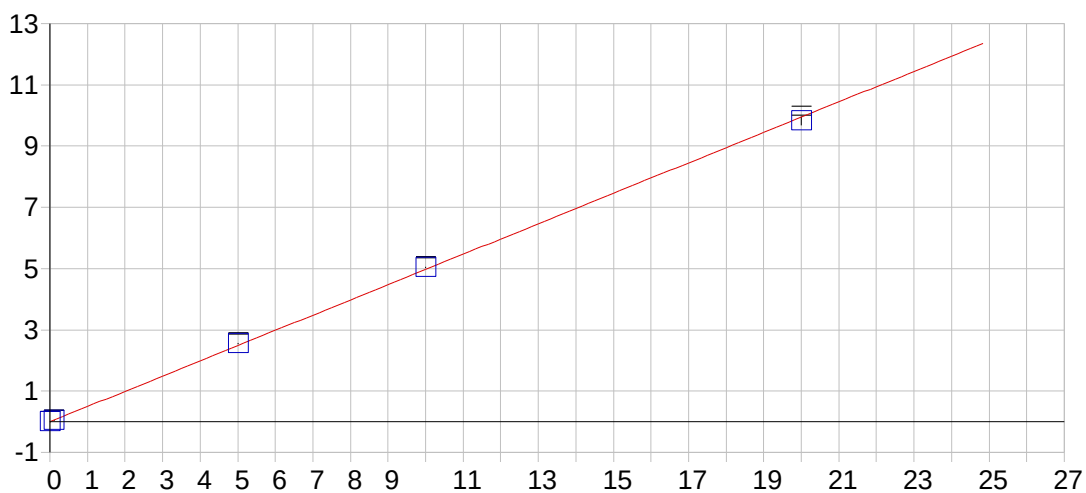
Weighting: 1/Conc

A0 (Offset): 0.000658
 A1 (Gain): 0.008977
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999840
 Std Error of Est: 0.000013
 Predicted MDL: 0.011211
 Predicted MQL: 0.037371

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00066	.000	1
S1	.10000	.11941	.019	19.4	.00179	.000	1
S3	5.0000	5.1237	.124	2.47	.04755	.000	1
S4	10.000	10.119	.119	1.19	.09329	.001	1
S5	20.000	19.737	-.263	-1.32	.18141	.001	1

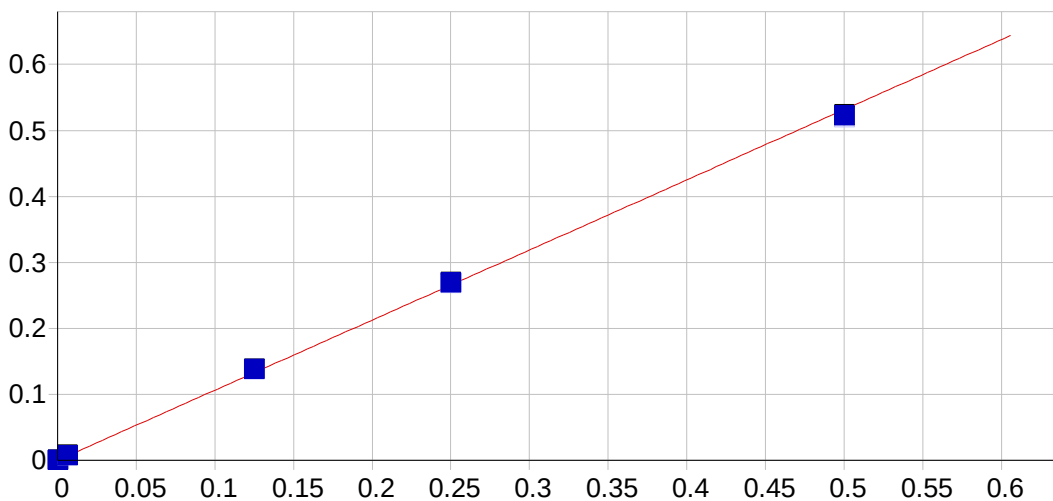


Ba 493.409 { 68}

Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001435 Re-Slope: 1.000000
 A1 (Gain): 0.497365 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000587
 Predicted MDL: 0.000450
 Predicted MQL: 0.001500

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00144	.000	1
S1	.10000	.10819	.008	8.19	.05238	.000	1
S3	5.0000	5.1204	.120	2.41	2.5453	.020	1
S5	20.000	19.746	-.254	-1.27	9.8196	.148	1
S4	10.000	10.125	.125	1.25	5.0345	.027	1



Be 234.861 {144}

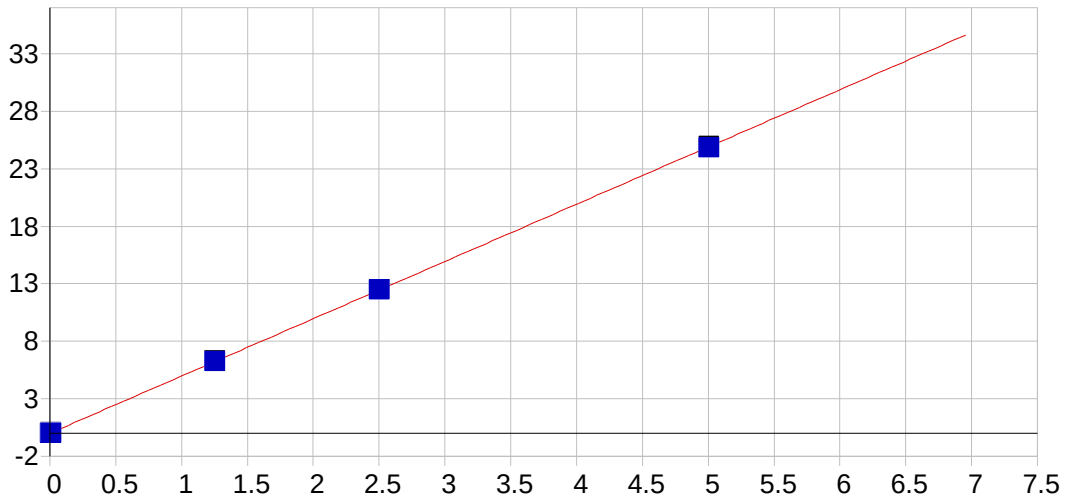
Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000126 Re-Slope: 1.000000
 A1 (Gain): 1.062410 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999750
 Std Error of Est: 0.000070
 Predicted MDL: 0.000061
 Predicted MQL: 0.000203

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00012	.000	1
S1	.00600	.00667	.001	11.2	.00715	.000	1
S3	.12500	.12965	.005	3.72	.13703	.000	1
S4	.25000	.25319	.003	1.27	.26744	.001	1
S5	.50000	.49149	-.009	-1.70	.51895	.001	1



Cd 226.502 {449}

Date of Fit: 5/23/2019 18:03:19

Type of Fit: Linear

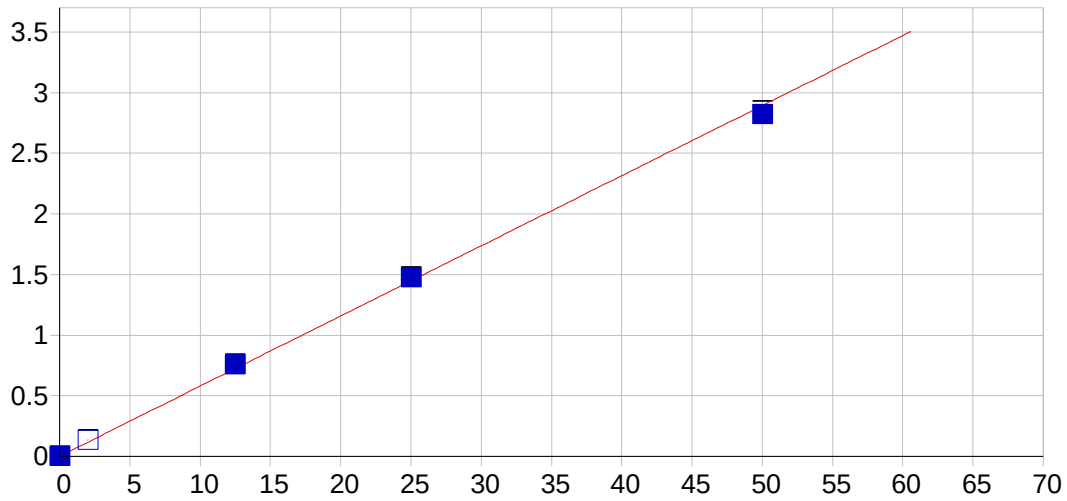
Weighting: 1/Conc

A0 (Offset): -0.000692
 A1 (Gain): 4.978435
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999995
 Std Error of Est: 0.000140
 Predicted MDL: 0.000062
 Predicted MQL: 0.000208

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	-.00069	.000	1
S1	.00600	.00629	.000	4.83	.03068	.000	1
S3	1.2500	1.2567	.007	.537	6.2572	.010	1
S4	2.5000	2.5038	.004	.153	12.467	.021	1
S5	5.0000	4.9892	-.011	-.216	24.843	.078	1

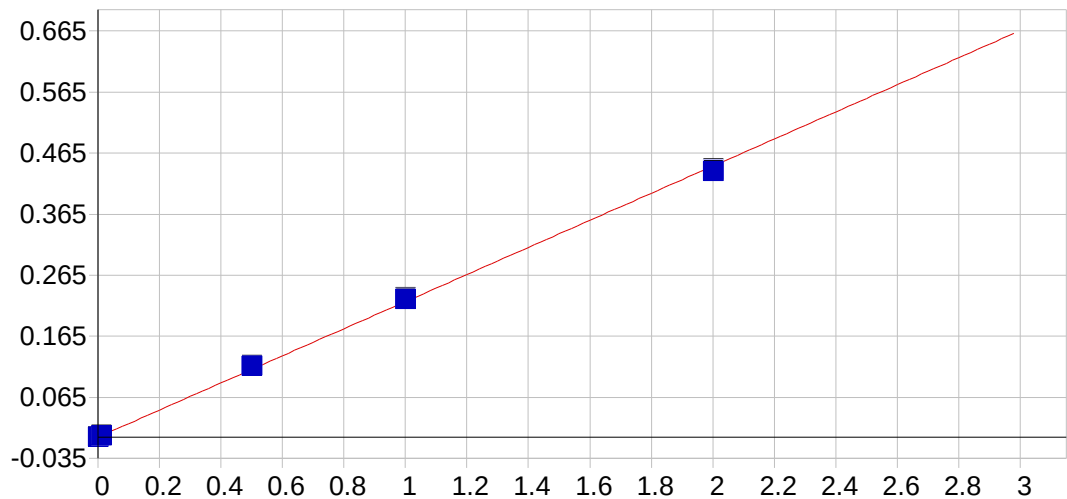


Ca 373.690 { 90}

Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001101 Re-Slope: 1.000000
 A1 (Gain): 0.057836 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999377 Status: OK.
 Std Error of Est: 0.001115
 Predicted MDL: 0.014197
 Predicted MQL: 0.047322

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.3035	.303	15.2	.13433	.001	1
S0	.00000	-.00038	-.000	.000	.00108	.001	1
S3	12.500	13.060	.560	4.48	.75683	.004	1
S4	25.000	25.425	.425	1.70	1.4723	.005	1
S5	50.000	48.712	-1.29	-2.58	2.8200	.028	1



Cr 267.716 {126}

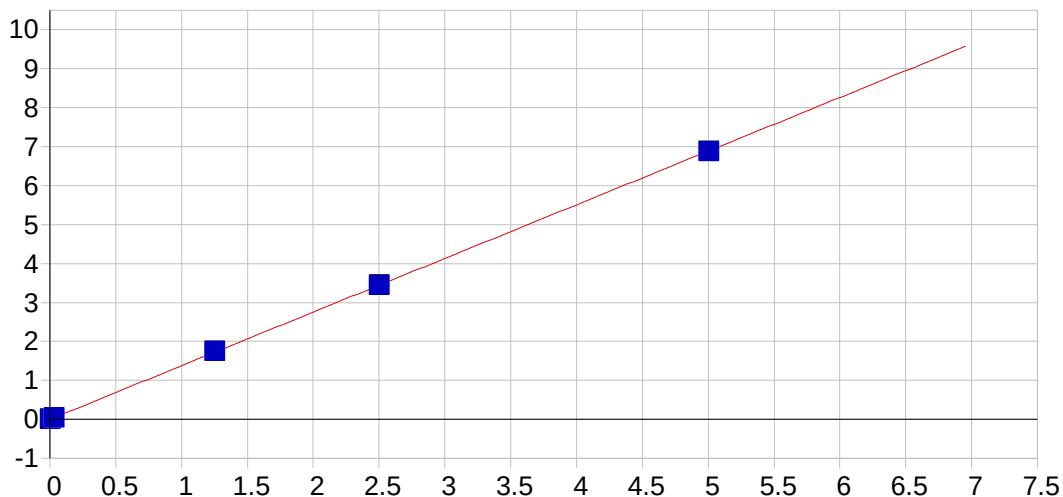
Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000350 Re-Slope: 1.000000
 A1 (Gain): 0.222012 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999675
 Std Error of Est: 0.000044
 Predicted MDL: 0.000404
 Predicted MQL: 0.001346

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00035	.000	1
S1	.01000	.01138	.001	13.8	.00219	.000	1
S3	.50000	.52219	.022	4.44	.11645	.000	1
S4	1.0000	1.0175	.017	1.75	.22728	.001	1
S5	2.0000	1.9590	-.041	-2.05	.43806	.001	1



Co 228.616 {447}

Date of Fit: 5/23/2019 18:03:19

Type of Fit: Linear

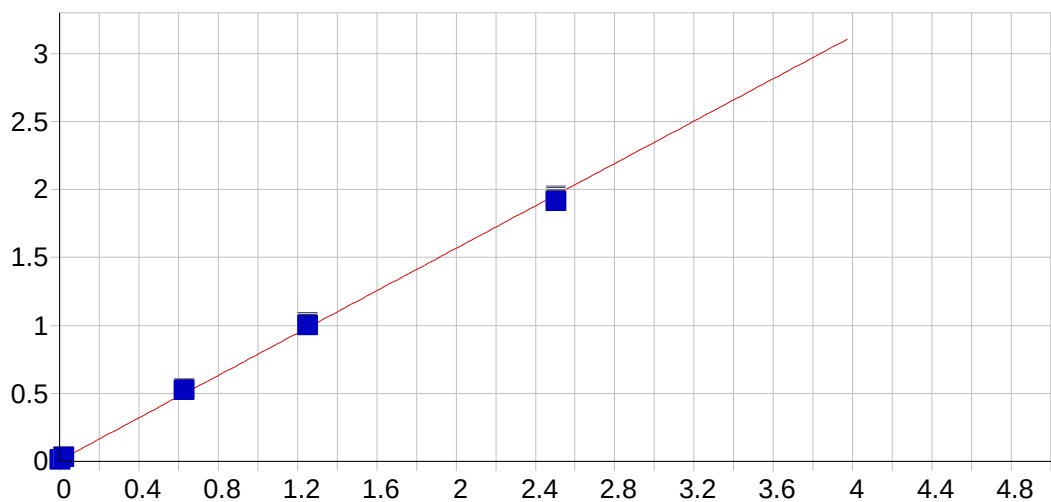
Weighting: 1/Conc

A0 (Offset): -0.000476
 A1 (Gain): 1.377103
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991
 Std Error of Est: 0.000125
 Predicted MDL: 0.000191
 Predicted MQL: 0.000637

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	-.00048	.000	1
S1	.03000	.03076	.001	2.54	.04161	.000	1
S3	1.2500	1.2624	.012	.988	1.7393	.005	1
S4	2.5000	2.4950	-.005	-.200	3.4381	.007	1
S5	5.0000	4.9919	-.008	-.162	6.8793	.013	1

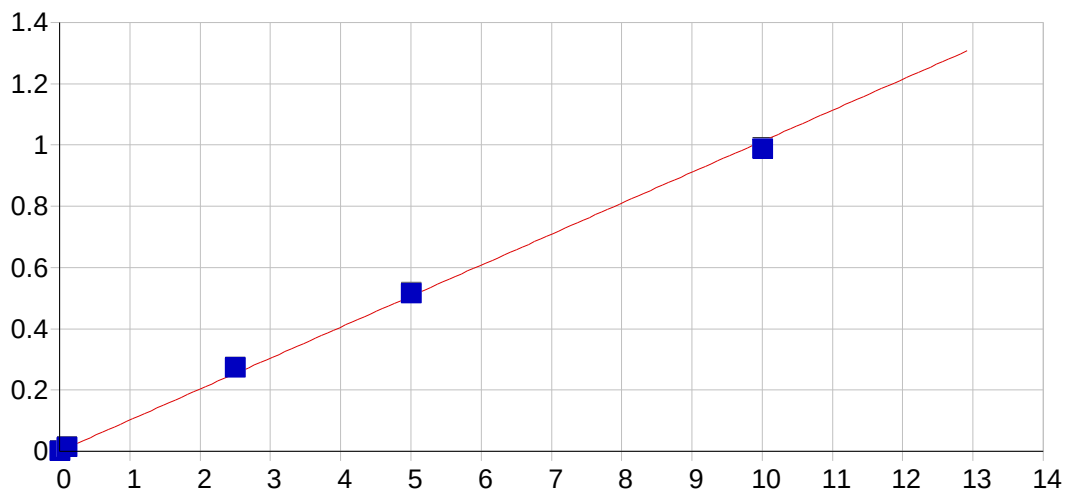


Cu 224.700 {450}

Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008320 Re-Slope: 1.000000
 A1 (Gain): 0.779573 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999540 Status: OK.
 Std Error of Est: 0.000291
 Predicted MDL: 0.000376
 Predicted MQL: 0.001255

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00832	.000	1
S1	.02000	.02321	.003	16.1	.02666	.000	1
S3	.62500	.66123	.036	5.80	.53167	.002	1
S4	1.2500	1.2678	.018	1.43	1.0124	.003	1
S5	2.5000	2.4427	-.057	-2.29	1.9441	.006	1



Fe 240.488 {140}

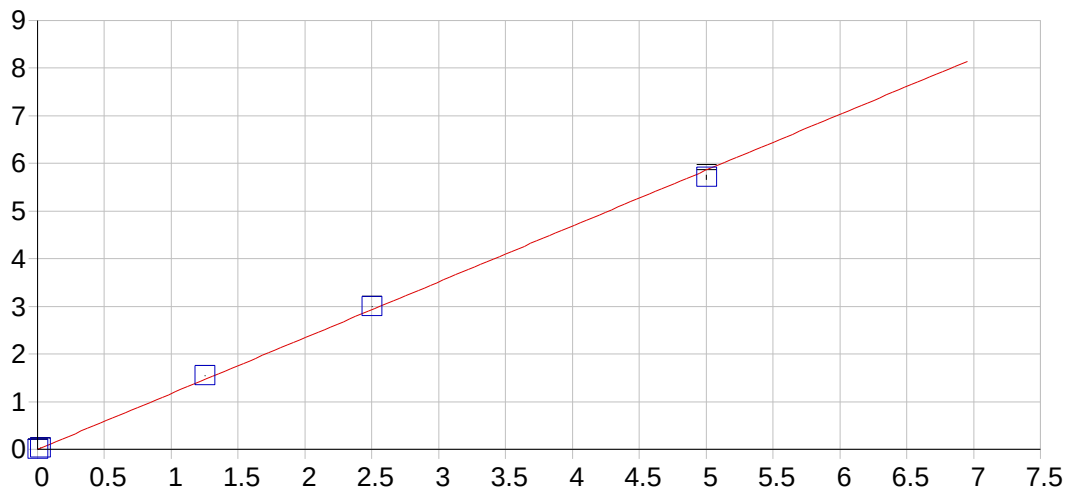
Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000922 Re-Slope: 1.000000
 A1 (Gain): 0.101144 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999360
 Std Error of Est: 0.000197
 Predicted MDL: 0.000669
 Predicted MQL: 0.002230

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00092	.000	1
S1	.10000	.11157	.012	11.6	.01226	.000	1
S3	2.5000	2.6806	.181	7.22	.27299	.000	1
S4	5.0000	5.0758	.076	1.52	.51619	.001	1
S5	10.000	9.7321	-.268	-2.68	.98904	.002	1



Mn 257.610 {131}

Date of Fit: 5/23/2019 18:03:19

Type of Fit: Linear

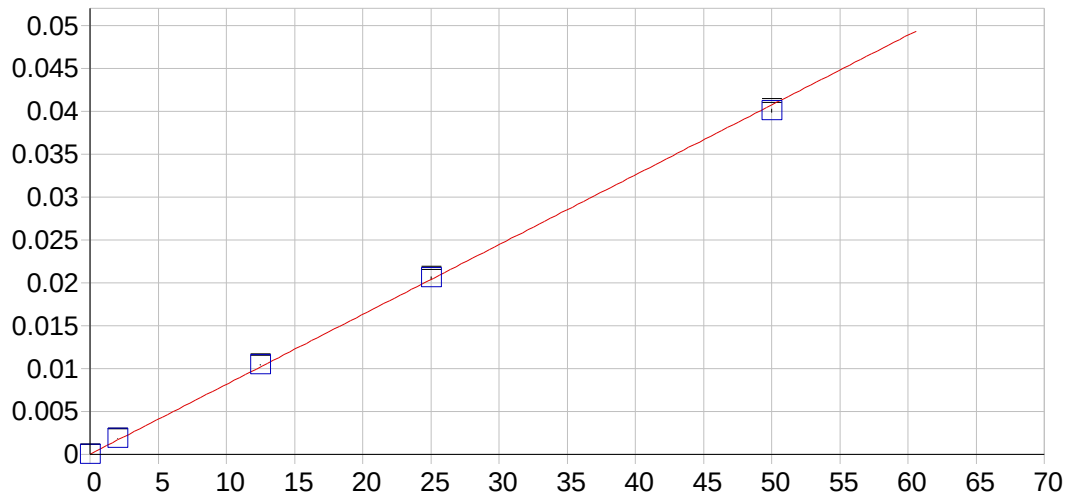
Weighting: 1/Conc

A0 (Offset): 0.000183
 A1 (Gain): 1.171533
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999496
 Std Error of Est: 0.000636
 Predicted MDL: 0.000064
 Predicted MQL: 0.000215

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	.00018	.000	1
S1	.02000	.02335	.003	16.8	.02754	.000	1
S3	1.2500	1.3192	.069	5.54	1.5457	.001	1
S4	2.5000	2.5548	.055	2.19	2.9932	.003	1
S5	5.0000	4.8726	-.127	-2.55	5.7086	.052	1

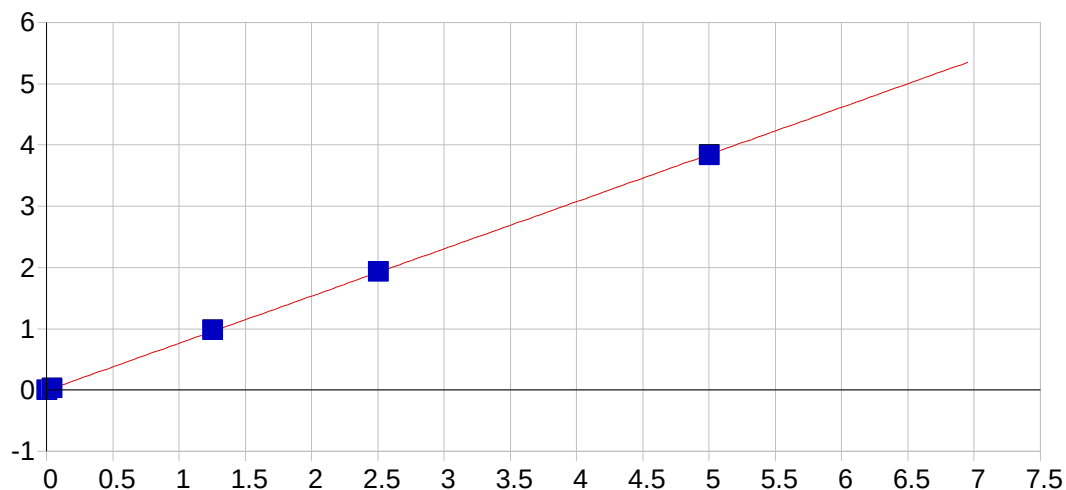


Mg 279.079 {121}

Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000026 Re-Slope: 1.000000
 A1 (Gain): 0.000814 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999715 Status: OK.
 Std Error of Est: 0.000011
 Predicted MDL: 0.041526
 Predicted MQL: 0.138419

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2322	.232	11.6	.00184	.000	1
S0	.00000	-.00027	-.000	.000	.00003	.000	1
S3	12.500	12.840	.340	2.72	.01048	.000	1
S4	25.000	25.224	.224	.894	.02056	.000	1
S5	50.000	49.204	-.796	-1.59	.04008	.000	1



Ni 231.604 {445}

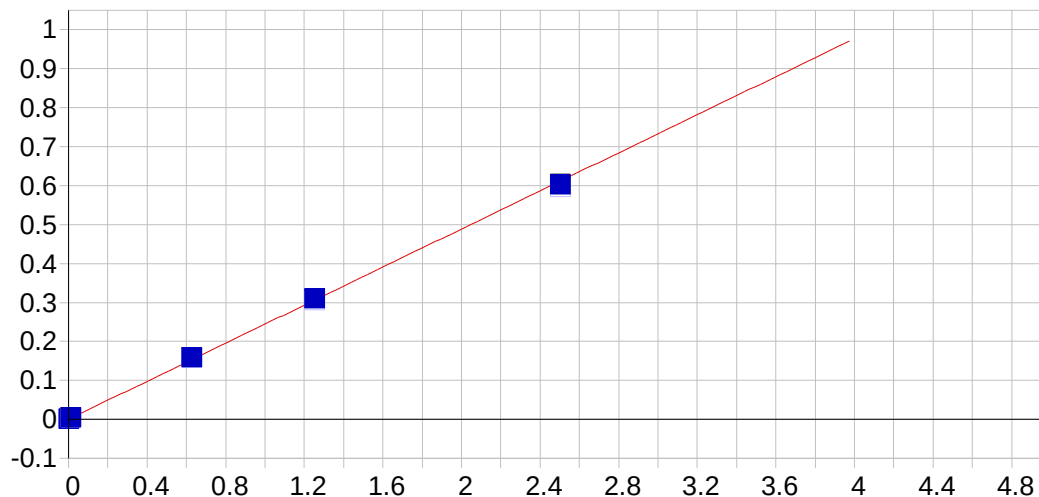
Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007096 Re-Slope: 1.000000
 A1 (Gain): 0.770544 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970
 Std Error of Est: 0.000145
 Predicted MDL: 0.000360
 Predicted MQL: 0.001201

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00710	.000	1
S1	.04000	.04191	.002	4.76	.02521	.000	1
S3	1.2500	1.2698	.020	1.58	.97237	.002	1
S4	2.5000	2.5031	.003	.123	1.9237	.004	1
S5	5.0000	4.9752	-.025	-.495	3.8307	.009	1



Ag 328.068 {103}

Date of Fit: 5/23/2019 18:03:19

Type of Fit: Linear

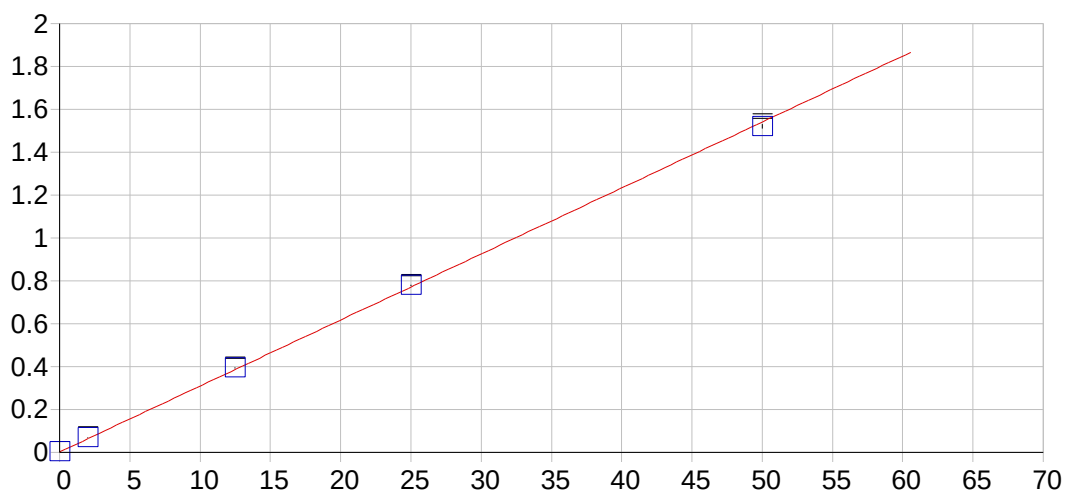
Weighting: 1/Conc

A0 (Offset): -0.000062
 A1 (Gain): 0.244389
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999806
 Std Error of Est: 0.000041
 Predicted MDL: 0.000547
 Predicted MQL: 0.001823

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	-.00006	.000	1
S1	.01000	.01165	.002	16.5	.00274	.000	1
S3	.62500	.64707	.022	3.53	.15634	.000	1
S4	1.2500	1.2618	.012	.941	.30482	.000	1
S5	2.5000	2.4645	-.035	-1.42	.59529	.001	1

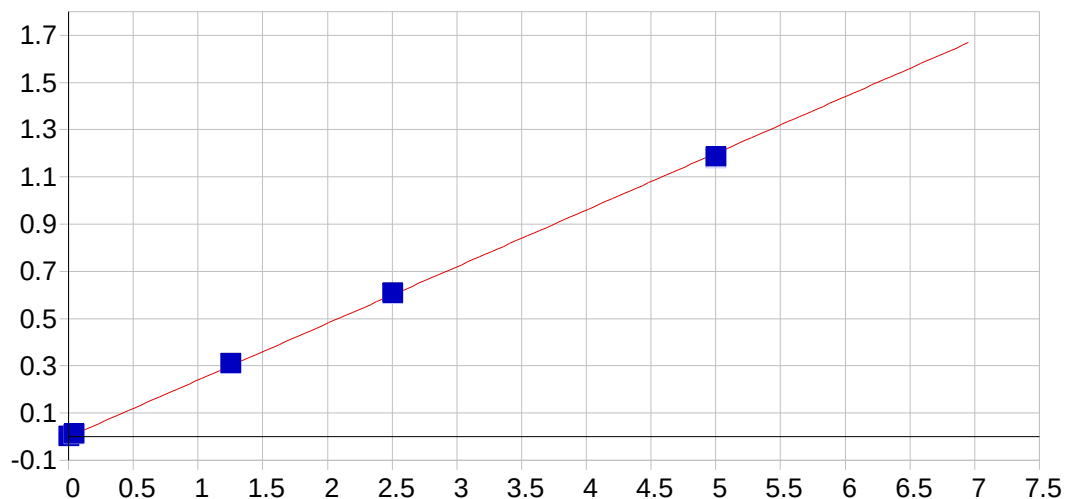


Na 589.592 { 57}

Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001906 Re-Slope: 1.000000
 A1 (Gain): 0.030782 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999781 Status: OK.
 Std Error of Est: 0.000352
 Predicted MDL: 0.008329
 Predicted MQL: 0.027763

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.2132	.213	10.7	.07004	.000	1
S0	.00000	-.00024	-.000	.000	.00190	.000	1
S3	12.500	12.758	.258	2.07	.39464	.003	1
S4	25.000	25.212	.212	.848	.77800	.003	1
S5	50.000	49.316	-.684	-1.37	1.5200	.011	1



V 292.402 {115}

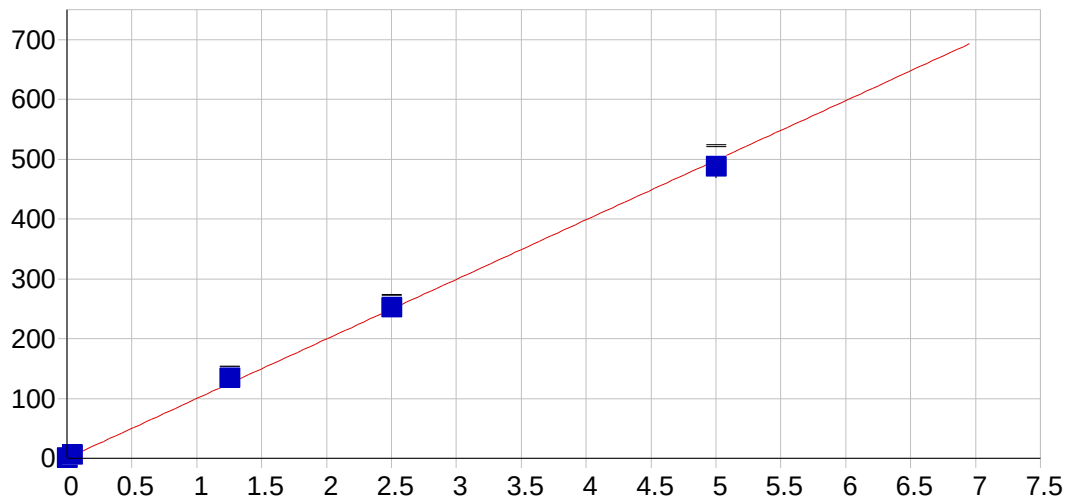
Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000322 Re-Slope: 1.000000
 A1 (Gain): 0.240063 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999851
 Std Error of Est: 0.000100
 Predicted MDL: 0.000429
 Predicted MQL: 0.001431

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00032	.000	1
S1	.04000	.04259	.003	6.48	.00975	.000	1
S3	1.2500	1.2886	.039	3.09	.30707	.001	1
S4	2.5000	2.5271	.027	1.08	.60242	.002	1
S5	5.0000	4.9317	-.068	-1.37	1.1758	.002	1



Zn 206.200 {163}

Date of Fit: 5/23/2019 18:03:19

Type of Fit: Linear

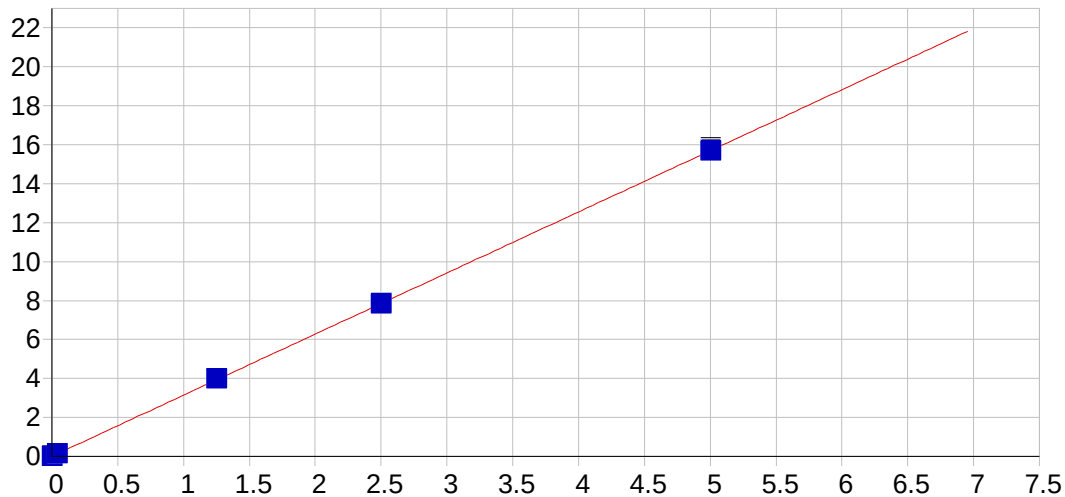
Weighting: 1/Conc

A0 (Offset): 0.283374
 A1 (Gain): 99.610569
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999406
 Std Error of Est: 0.083615
 Predicted MDL: 0.000313
 Predicted MQL: 0.001043

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	.28258	.040	1
S1	.04000	.04564	.006	14.1	4.8561	.155	1
S3	1.2500	1.3414	.091	7.31	134.65	2.29	1
S4	2.5000	2.5231	.023	.923	253.11	3.23	1
S5	5.0000	4.8799	-.120	-2.40	489.38	17.5	1

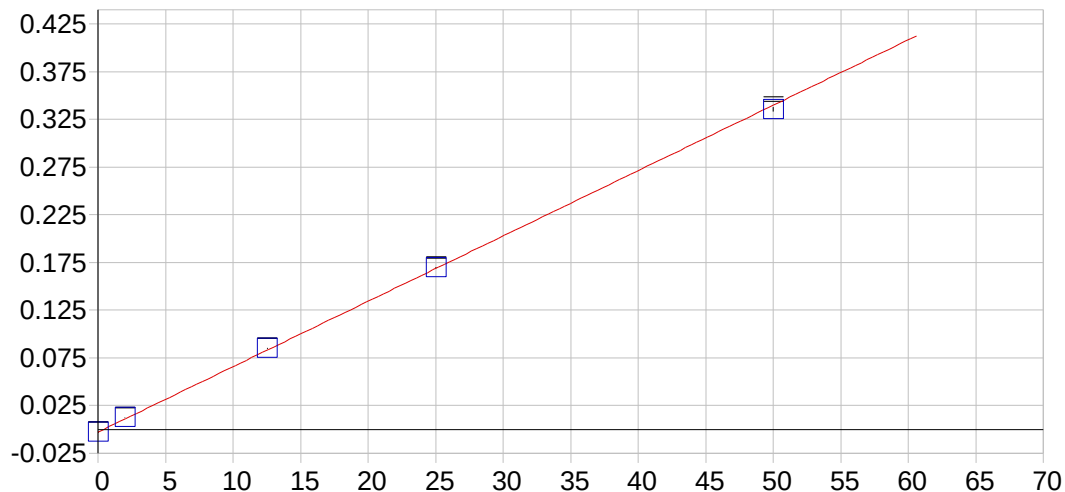


Zn 213.856 {458}

Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004508 Re-Slope: 1.000000
 A1 (Gain): 3.136958 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999993 Status: OK.
 Std Error of Est: 0.000294
 Predicted MDL: 0.000073
 Predicted MQL: 0.000242

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00451	.000	1
S1	.04000	.04052	.001	1.31	.13250	.001	1
S3	1.2500	1.2614	.011	.913	3.9865	.004	1
S4	2.5000	2.4943	-.006	-.230	7.8790	.018	1
S5	5.0000	4.9938	-.006	-.124	15.770	.053	1



K 766.490 {44}

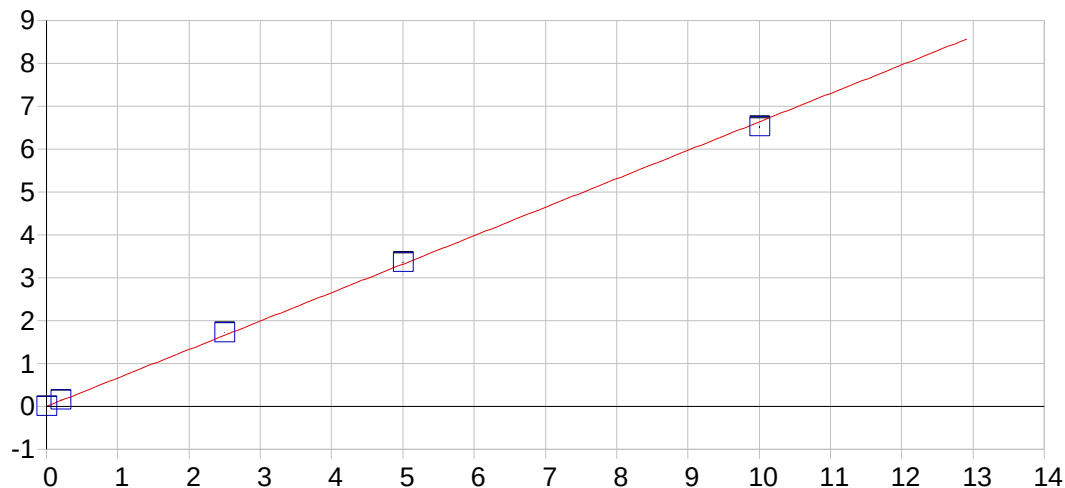
Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002683 Re-Slope: 1.000000
 A1 (Gain): 0.006852 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814
 Std Error of Est: 0.000072
 Predicted MDL: 0.037944
 Predicted MQL: 0.126480

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1850	.185	9.25	.01229	.000	1
S0	.00000	-.00022	-.000	.000	-.00268	.000	1
S3	12.500	12.800	.300	2.40	.08502	.000	1
S4	25.000	25.149	.149	.598	.16964	.001	1
S5	50.000	49.366	-.634	-1.27	.33557	.003	1



Mo 202.030 {467}

Date of Fit: 5/23/2019 18:03:19

Type of Fit: Linear

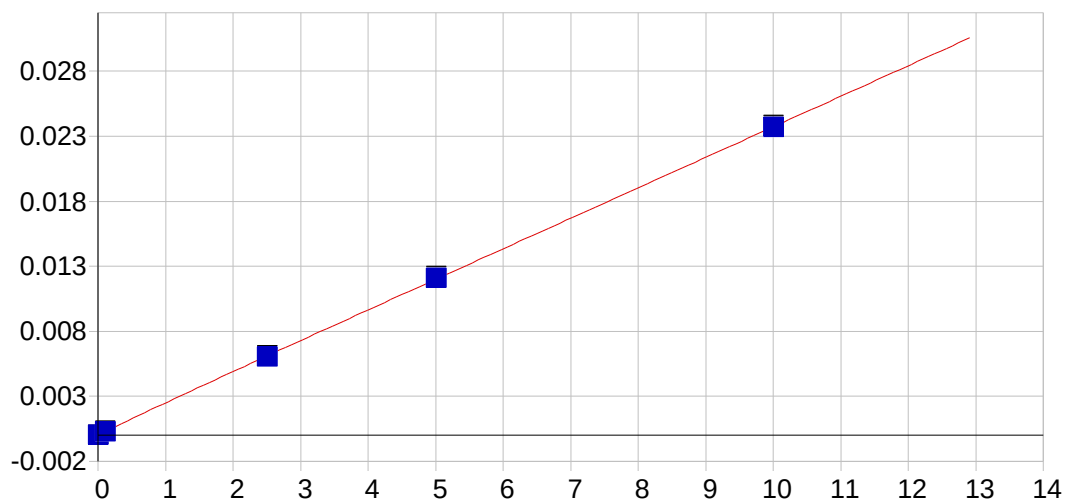
Weighting: 1/Conc

A0 (Offset): -0.000092
 A1 (Gain): 0.663605
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999710
 Std Error of Est: 0.001226
 Predicted MDL: 0.000282
 Predicted MQL: 0.000939

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00011	.000	1
S1	.20000	.22472	.025	12.4	.14904	.000	1
S3	2.5000	2.5924	.092	3.70	1.7203	.007	1
S4	5.0000	5.0586	.059	1.17	3.3568	.013	1
S5	10.000	9.8243	-.176	-1.76	6.5193	.022	1

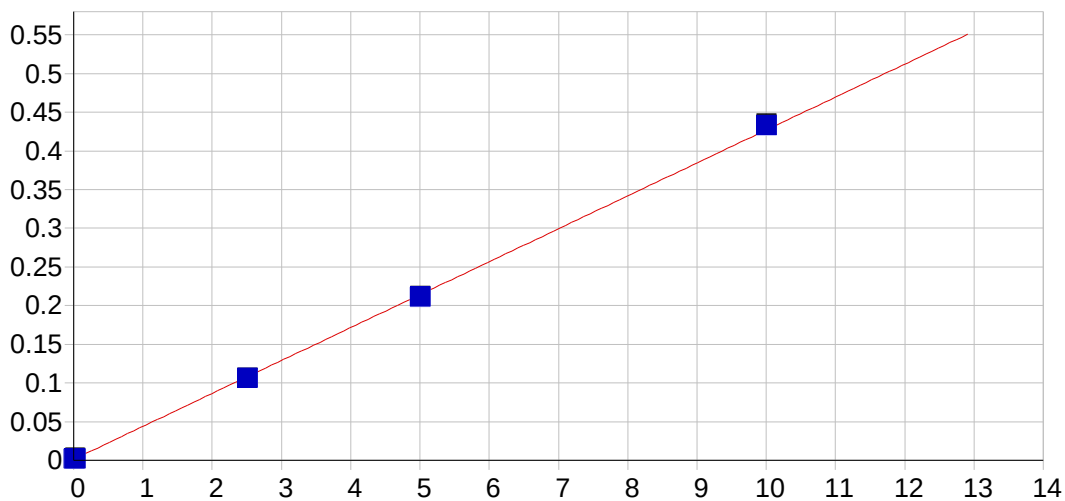


B 249.678 {135}

Date of Fit: 5/23/2019 18:03:19 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000007 Re-Slope: 1.000000
 A1 (Gain): 0.002491 Y-int: 0.000000
 A2 (Curvature): 0.000005
 n (Exponent): 0.970000
 Correlation: 0.999981 Status: Warning Positive Curvature
 Std Error of Est: 0.000001
 Predicted MDL: 0.011005
 Predicted MQL: 0.036685

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.10000	.10225	.002	2.25	.00028	.000	1
S3	2.5000	2.4721	-.028	-1.12	.00602	.000	1
S4	5.0000	5.0379	.038	.758	.01206	.000	1
S5	10.000	9.9879	-.012	-.121	.02364	.000	1



S 182.034 {485}

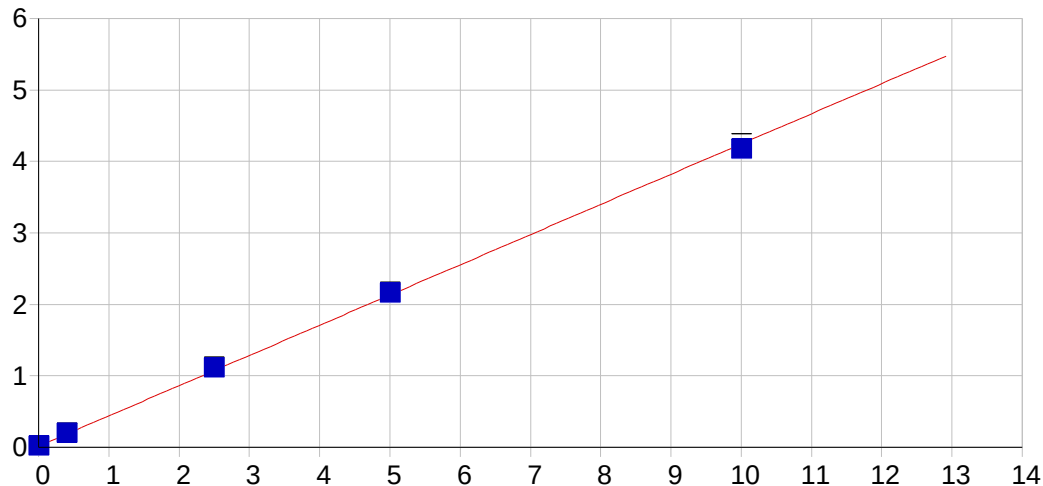
Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001322 Re-Slope: 1.000000
 A1 (Gain): 0.042566 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999837
 Std Error of Est: 0.000019
 Predicted MDL: 0.002765
 Predicted MQL: 0.009217

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00132	.000	1
S1	.02000	.01423	-.006	-28.8	.00190	.000	1
S3	2.5000	2.4523	-.048	-1.91	.10559	.000	1
S4	5.0000	4.9187	-.081	-1.63	.21045	.001	1
S5	10.000	10.135	.135	1.35	.43223	.002	1



Si 288.158 {117}

Date of Fit: 5/23/2019 18:03:19

Type of Fit: Linear

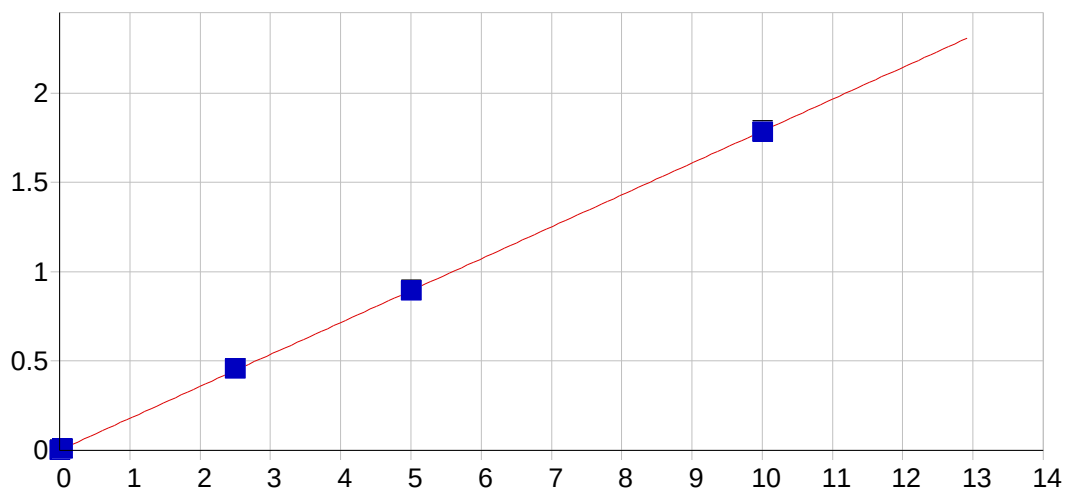
Weighting: 1/Conc

A0 (Offset): 0.017330
 A1 (Gain): 0.422685
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999754
 Std Error of Est: 0.001023
 Predicted MDL: 0.002410
 Predicted MQL: 0.008034

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.01731	.000	1
S1	.40000	.42630	.026	6.57	.19738	.002	1
S3	2.5000	2.5917	.092	3.67	1.1123	.003	1
S4	5.0000	5.0566	.057	1.13	2.1536	.013	1
S5	10.000	9.8254	-.175	-1.75	4.1681	.078	1

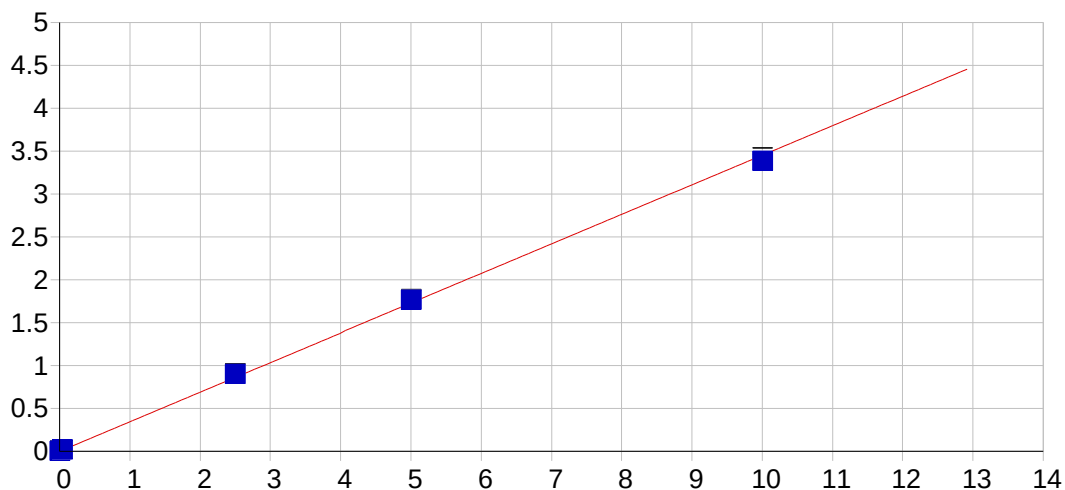


Sn 189.989 {477}

Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001141 Re-Slope: 1.000000
 A1 (Gain): 0.178538 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.000686
 Predicted MQL: 0.002288

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00114	.000	1
S1	.04000	.04037	.000	.937	.00835	.000	1
S3	2.5000	2.5460	.046	1.84	.45579	.001	1
S4	5.0000	4.9932	-.007	-.136	.89278	.002	1
S5	10.000	9.9604	-.040	-.396	1.7798	.007	1



Ti 336.121 {100}

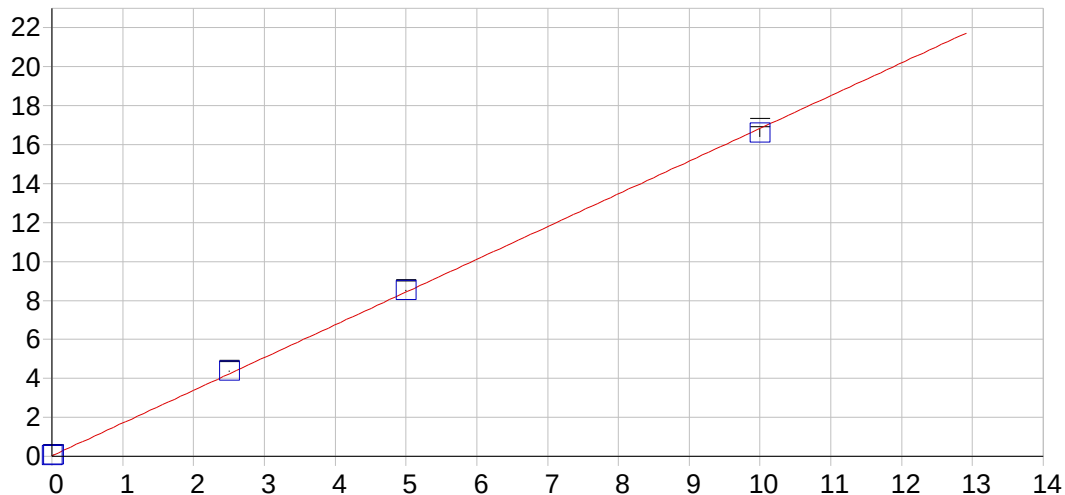
Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001205 Re-Slope: 1.000000
 A1 (Gain): 0.345058 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999679
 Std Error of Est: 0.000299
 Predicted MDL: 0.001711
 Predicted MQL: 0.005704

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00120	.000	1
S1	.04000	.04461	.005	11.5	.01659	.000	1
S3	2.5000	2.6001	.100	4.01	.89830	.003	1
S4	5.0000	5.1064	.106	2.13	1.7630	.007	1
S5	10.000	9.7888	-.211	-2.11	3.3785	.036	1



Li 670.784 { 50}

Date of Fit: 5/23/2019 18:03:19

Type of Fit: Linear

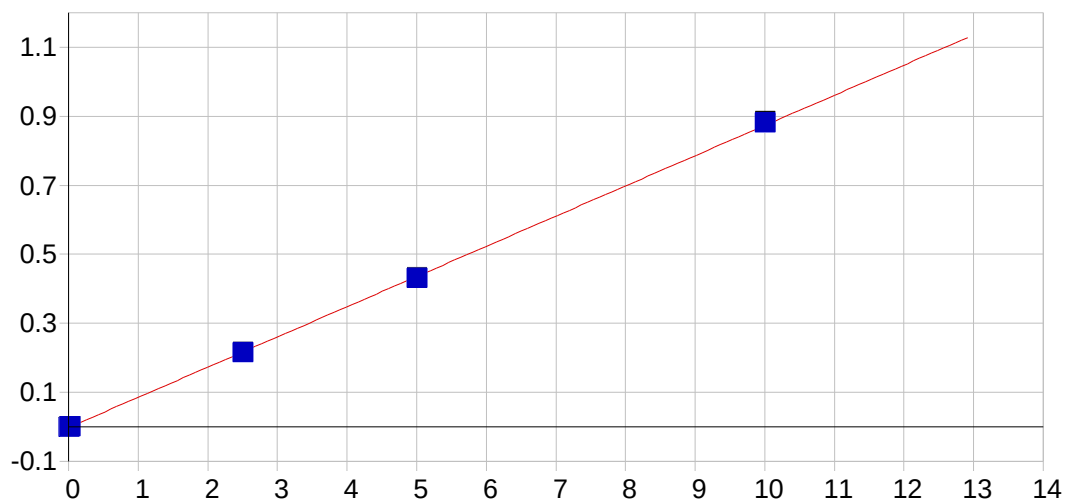
Weighting: 1/Conc

A0 (Offset): 0.025808
 A1 (Gain): 1.680913
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999826
 Std Error of Est: 0.000757
 Predicted MDL: 0.001675
 Predicted MQL: 0.005582

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	.02580	.002	1
S1	.02000	.02325	.003	16.2	.06488	.002	1
S3	2.5000	2.5884	.088	3.54	4.3768	.025	1
S4	5.0000	5.0483	.048	.966	8.5116	.022	1
S5	10.000	9.8600	-.140	-1.40	16.600	.217	1

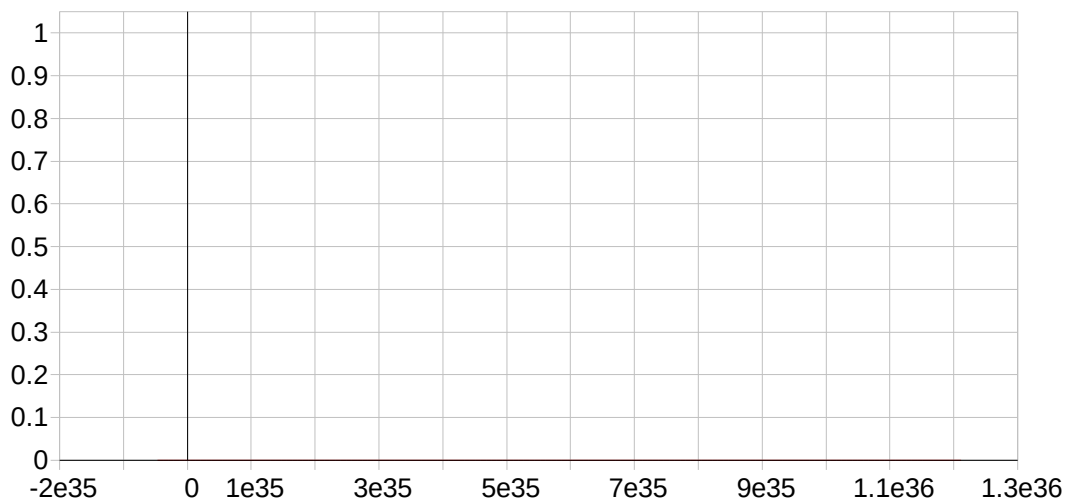


P 177.495 {490}

Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001951 Re-Slope: 1.000000
 A1 (Gain): 0.087524 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.001492
 Predicted MQL: 0.004974

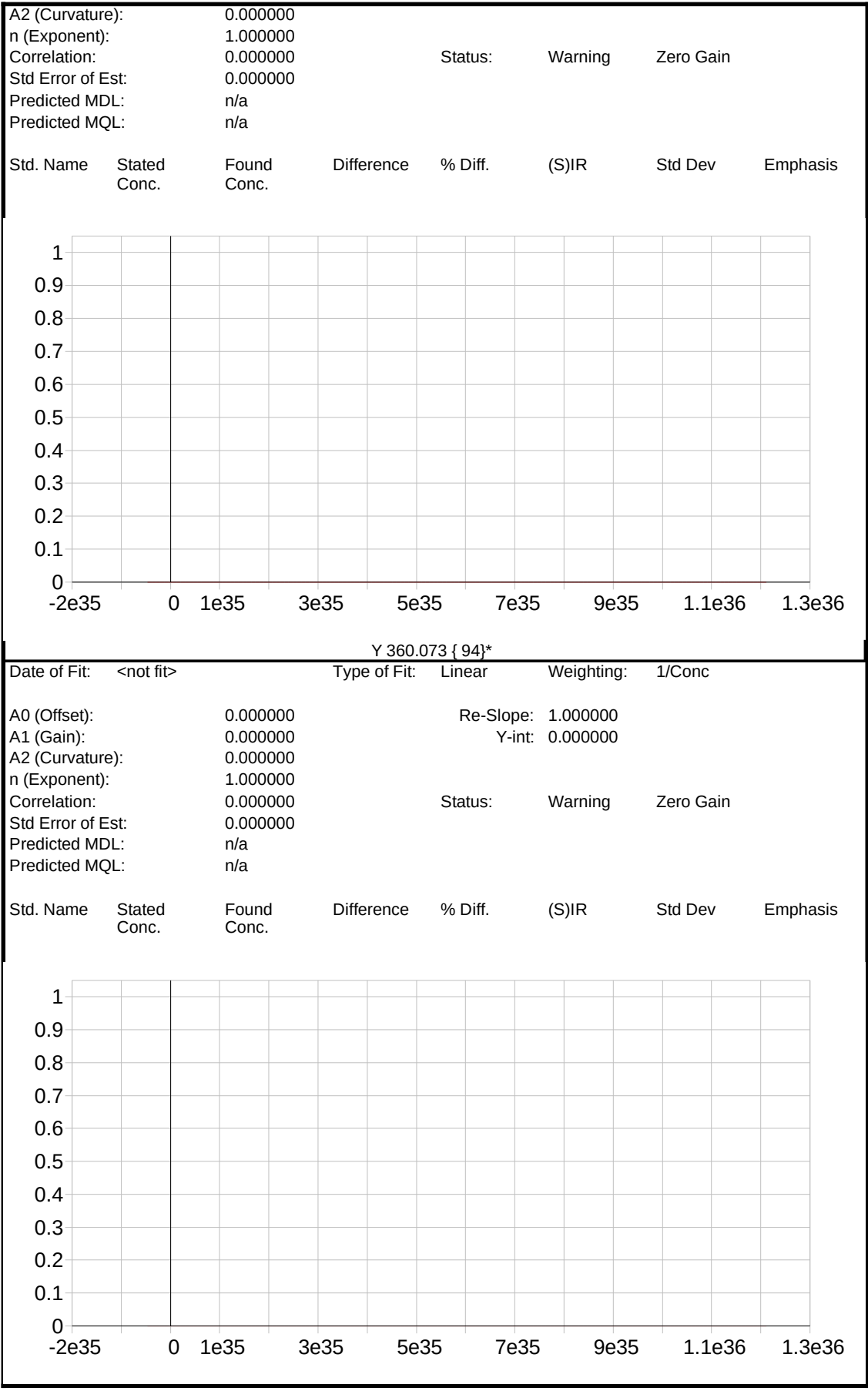
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00195	.000	1
S1	.02000	.01975	-.000	-1.24	-.00023	.000	1
S3	2.5000	2.4728	-.027	-1.09	.21416	.000	1
S4	5.0000	4.9477	-.052	-1.05	.43046	.001	1
S5	10.000	10.080	.080	.797	.87900	.004	1

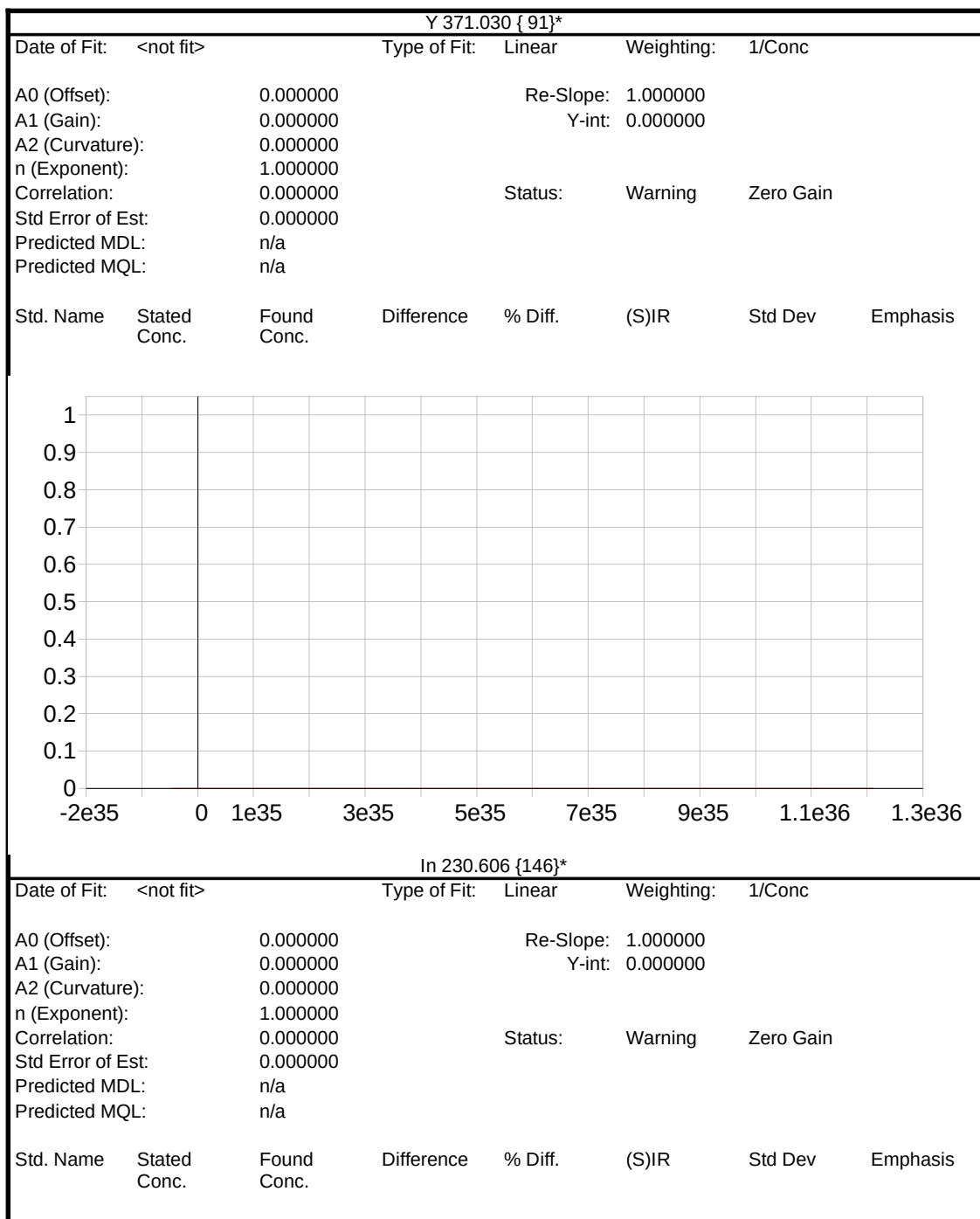


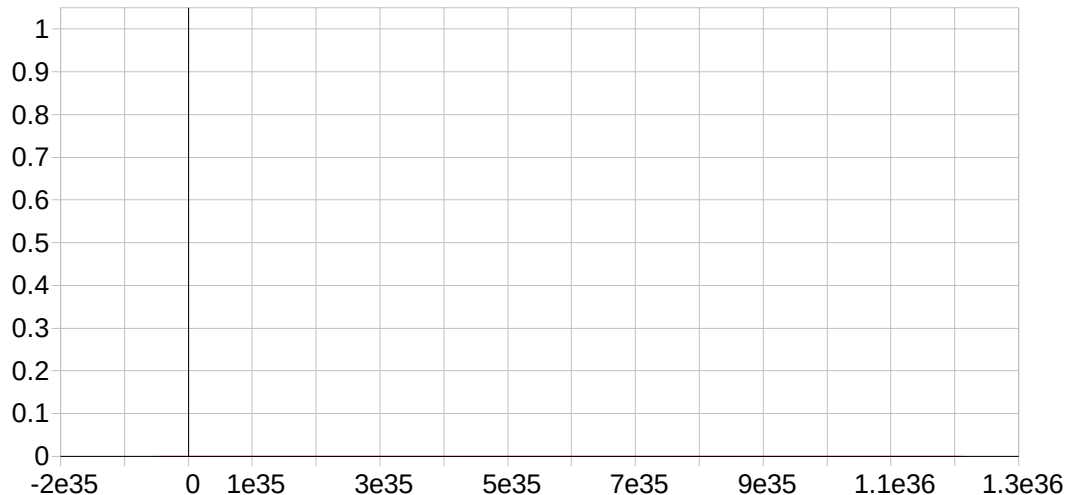
Y 224.306 {450}*

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

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







In 230.606 {446}*

Date of Fit: <not fit>

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000000

Re-Slope: 1.000000

A1 (Gain): 0.000000

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.000000

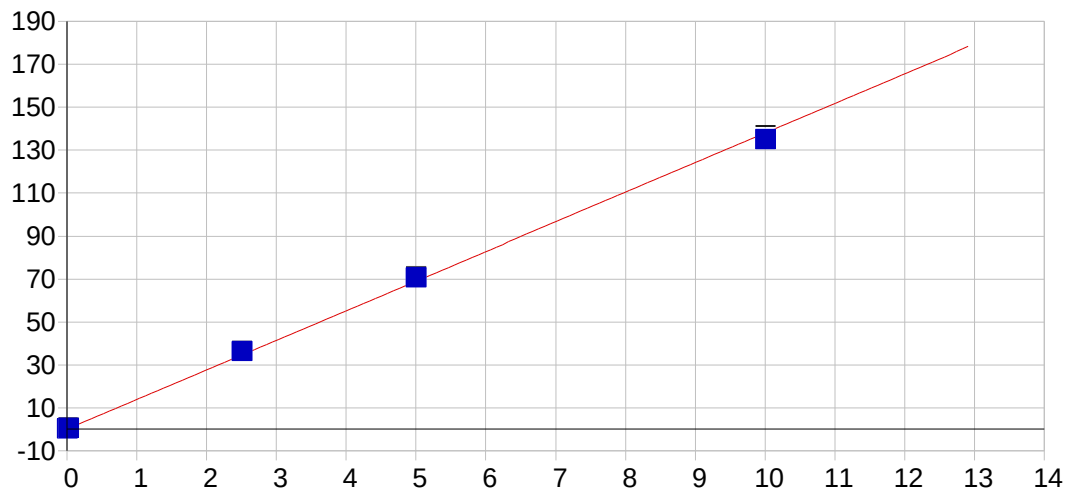
Status: Warning Zero Gain

Std Error of Est: 0.000000

Predicted MDL: n/a

Predicted MQL: n/a

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



Sr 407.771 { 83}

Date of Fit: 5/23/2019 18:03:19

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006474

Re-Slope: 1.000000

A1 (Gain): 13.803070

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999627

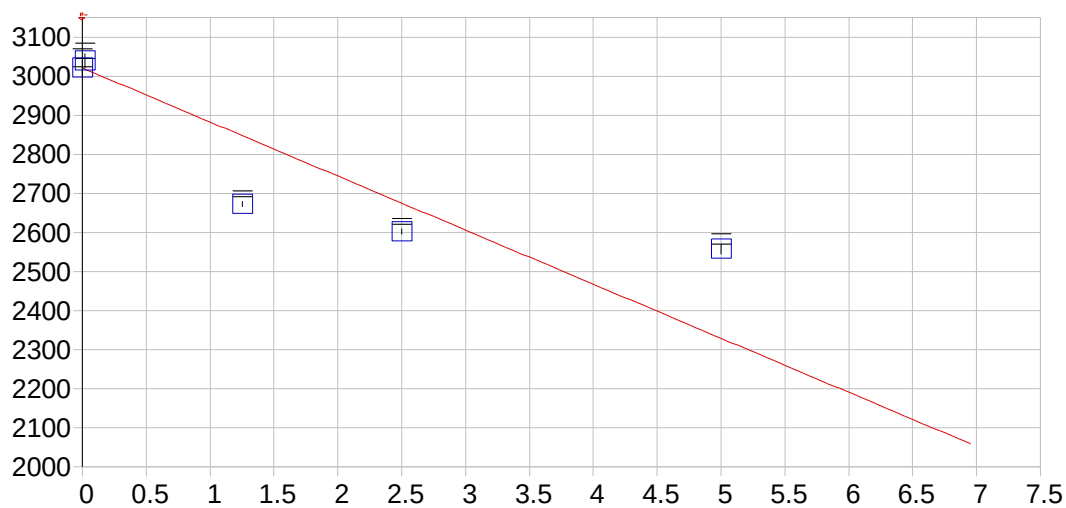
Status: OK.

Std Error of Est: 0.009123

Predicted MDL: 0.000083

Predicted MQL: 0.000278

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00652	.001	1
S1	.02000	.02223	.002	11.2	.30195	.001	1
S3	2.5000	2.6131	.113	4.52	36.100	.210	1
S4	5.0000	5.1128	.113	2.26	70.642	.309	1
S5	10.000	9.7718	-.228	-2.28	135.03	1.55	1

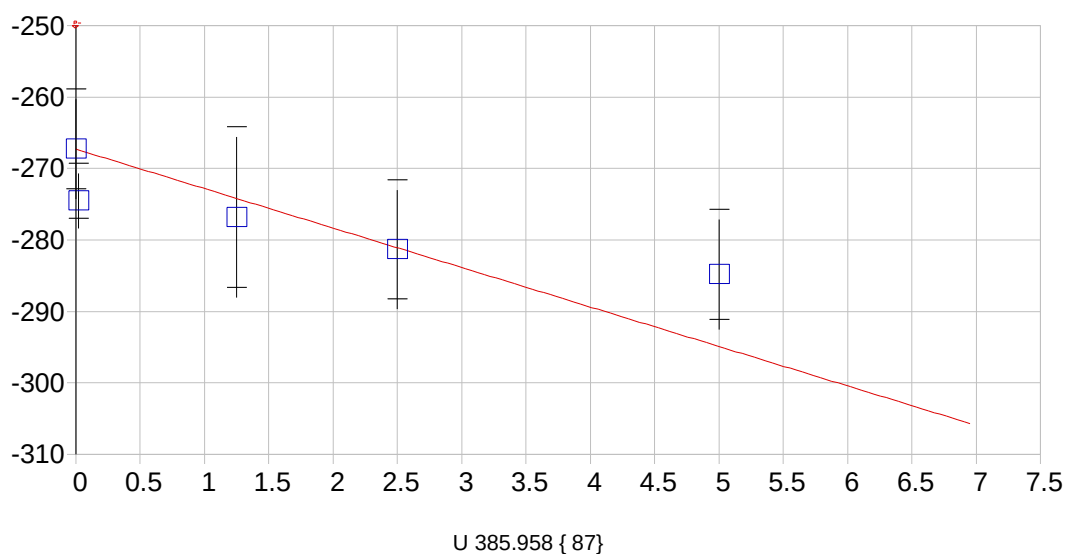


U 367.007 { 92}

Date of Fit: 5/23/2019 18:03:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3020.786959 Re-Slope: 1.000000
A1 (Gain): -138.362567 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.861215 Status: Warning Negative Gain
Std Error of Est: 1.395353
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00013	.000	.000	3020.8	23.4	1
S1	.02000	-.12891	-.149	-745.	3038.6	20.1	1
S3	1.2500	2.5200	1.27	102.	2672.1	6.95	1
S4	2.5000	3.0268	.527	21.1	2602.0	6.88	1
S5	5.0000	3.3520	-1.65	-33.0	2557.0	12.8	1



Date of Fit: 5/23/2019 18:03:19

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -267.289387

Re-Slope: 1.000000

A1 (Gain): -5.521415

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.306436

Status: Warning Negative Gain

Std Error of Est: 0.293093

Predicted MDL: n/a

Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00129	-.001	.000	-267.28	6.95	1
S1	.02000	1.3138	1.29	6470.	-274.54	3.85	1
S3	1.2500	1.7308	.481	38.5	-276.85	11.2	1
S4	2.5000	2.5437	.044	1.75	-281.33	8.32	1
S5	5.0000	3.1817	-1.82	-36.4	-284.86	7.71	1

Sample Name: S0 Acquired: 5/23/2019 11:53:33 Type: Cal
Method: P4-ICP2(v3144) 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	-.00021	.00024	.00398	-.00025	.00052	.00066	-.00144	.00012
Stddev	.00018	.00021	.00036	.00008	.00004	.00009	.00013	.00004
%RSD	85.981	86.129	8.9862	33.172	8.1124	14.096	8.8511	29.105

#1	-.00023	.00005	.00370	-.00020	.00049	.00076	-.00136	.00008
#2	-.00002	.00046	.00438	-.00021	.00049	.00064	-.00159	.00016
#3	-.00037	.00022	.00384	-.00035	.00056	.00057	-.00137	.00013

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	-.00069	.00108	-.00035	-.00048	.00832	.00092	.00018	.00003
Stddev	.00033	.00061	.00001	.00017	.00030	.00003	.00005	.00000
%RSD	47.466	56.415	2.1812	34.852	3.6454	3.6219	30.720	11.660

#1	-.00063	.00049	-.00034	-.00029	.00863	.00092	.00024	.00002
#2	-.00040	.00105	-.00035	-.00061	.00829	.00095	.00014	.00003
#3	-.00105	.00170	-.00036	-.00054	.00803	.00089	.00015	.00002

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	-.00710	-.00006	.00190	-.00032	.00451	-.00268	-.00011	.00001
Stddev	.00013	.00005	.00039	.00014	.00005	.00005	.00002	.00002
%RSD	1.7993	83.334	20.555	44.262	1.0813	1.9647	15.996	329.64

#1	-.00724	-.00011	.00148	-.00021	.00448	-.00262	-.00010	.00001
#2	-.00700	-.00007	.00198	-.00027	.00456	-.00270	-.00013	.00003
#3	-.00705	-.00001	.00225	-.00048	.00447	-.00272	-.00011	-.00002

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00132	.01731	.00114	.00120	.02580	-.0020	-.00652	3020.8
Stddev	.00015	.00029	.00006	.00032	.00184	.0002	.00058	23.4
%RSD	11.698	1.6590	5.4879	26.385	7.1122	7.892	8.9146	.77473

#1	.00123	.01739	.00121	.00084	.02476	-.0019	-.00659	3004.9
#2	.00150	.01756	.00112	.00133	.02792	-.0021	-.00706	3009.8
#3	.00124	.01700	.00109	.00144	.02473	-.0018	-.00590	3047.6

Sample Name: S0 Acquired: 5/23/2019 11:53:33 Type: Cal
Method: P4-ICP2(v3144) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-267.28
Stddev	6.95
%RSD	2.6005

#1	-268.67
#2	-259.74
#3	-273.43

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3536.3	47195.	4209.6	44.459	3876.0
Stddev	10.4	40.	34.8	.556	14.8
%RSD	.29551	.08449	.82754	1.2505	.38055

#1	3526.1	47153.	4171.3	45.059	3861.6
#2	3547.0	47232.	4218.2	44.357	3875.3
#3	3535.8	47200.	4239.4	43.961	3891.1

Sample Name: S1 Acquired: 5/23/2019 11:57:59 Type: Cal
Method: P4-ICP2(v3144) 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	.00098	.00655	.00800	.00126	.00940	.00179	.05238	.00715
Stddev	.00017	.00027	.00015	.00021	.00020	.00006	.00033	.00010
%RSD	16.951	4.1478	1.9036	16.334	2.1767	3.1342	.63928	1.4065

#1	.00094	.00660	.00787	.00113	.00963	.00179	.05203	.00718
#2	.00116	.00679	.00797	.00150	.00936	.00185	.05241	.00723
#3	.00083	.00626	.00817	.00115	.00922	.00174	.05269	.00704

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	.03068	.00219	.04161	.02666	.01226	.02754	.02521	.00274
Stddev	.00037	.00004	.00033	.00015	.00020	.00033	.00027	.00005
%RSD	1.2195	1.8648	.80207	.56258	1.6182	1.2142	1.0602	1.8066

#1	.03029	.00221	.04131	.02670	.01203	.02720	.02492	.00268
#2	.03104	.00221	.04197	.02678	.01233	.02786	.02544	.00277
#3	.03070	.00214	.04155	.02649	.01240	.02757	.02528	.00275

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	.00975	.13250	.14904	.00028	.00190	.19738	.00835	.01659
Stddev	.00006	.00076	.00044	.00003	.00017	.00191	.00015	.00022
%RSD	.58265	.57496	.29701	10.037	8.8230	.96553	1.7696	1.3559

#1	.00970	.13222	.14886	.00026	.00171	.19540	.00850	.01639
#2	.00975	.13336	.14871	.00027	.00197	.19920	.00834	.01684
#3	.00981	.13191	.14954	.00031	.00203	.19754	.00820	.01654

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06488	-.0002	.30195	3038.6	-274.54
Stddev	.00186	.0000	.00068	20.1	3.85
%RSD	2.8648	20.84	.22498	.66093	1.4007

#1	.06349	-.0003	.30118	3027.2	-278.94
#2	.06700	-.0002	.30246	3061.8	-272.87
#3	.06416	-.0003	.30221	3026.9	-271.82

Sample Name: S1 Acquired: 5/23/2019 11:57:59 Type: Cal
Method: P4-ICP2(v3144) 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	3555.5	46928.	4231.4	42.742	3845.2
Stddev	8.2	150.	20.8	1.391	7.5
%RSD	.22938	.31882	.49202	3.2541	.19382
#1	3560.7	46891.	4242.5	42.598	3852.2
#2	3559.6	46800.	4207.4	41.430	3846.1
#3	3546.1	47093.	4244.3	44.200	3837.4

Sample Name: S2 Acquired: 5/23/2019 12:02:25 Type: Cal
Method: P4-ICP2(v3144) 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	.13433	.00184	.07004	.01229
Stddev	.00139	.00003	.00030	.00014
%RSD	1.0369	1.8563	.42192	1.1637

#1	.13273	.00183	.06980	.01212
#2	.13499	.00182	.07037	.01238
#3	.13526	.00188	.06994	.01236

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	47051.	4217.8
Stddev	170.	3.2
%RSD	.36112	.07582

#1	47021.	4221.4
#2	46898.	4216.5
#3	47234.	4215.5

Sample Name: S3 Acquired: 5/23/2019 12:06:38 Type: Cal
Method: P4-ICP2(v3144) 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	.14179	.37545	.89608	.17476	.43335	.04755	2.5453	.13703
Stddev	.00036	.00067	.00175	.00074	.00253	.00007	.0198	.00015
%RSD	.25042	.17973	.19521	.42236	.58344	.14044	.77945	.10755
#1	.14215	.37573	.89686	.17505	.43440	.04747	2.5445	.13693
#2	.14178	.37468	.89408	.17531	.43519	.04756	2.5259	.13720
#3	.14144	.37594	.89731	.17392	.43047	.04760	2.5655	.13696
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	6.2572	.75683	.11645	1.7393	.53167	.27299	1.5457	.01048
Stddev	.0101	.00360	.00042	.0046	.00155	.00049	.0013	.00008
%RSD	.16197	.47564	.35924	.26354	.29115	.18051	.08292	.74714
#1	6.2671	.75596	.11623	1.7436	.53281	.27243	1.5442	.01050
#2	6.2469	.75375	.11620	1.7345	.53230	.27337	1.5462	.01039
#3	6.2576	.76079	.11694	1.7396	.52991	.27317	1.5467	.01055
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	.97237	.15634	.39464	.30707	3.9865	.08502	1.7203	.00602
Stddev	.00154	.00029	.00288	.00078	.0042	.00011	.0073	.00009
%RSD	.15817	.18468	.72967	.25295	.10626	.12703	.42698	1.4633
#1	.97398	.15666	.39538	.30665	3.9912	.08503	1.7251	.00592
#2	.97092	.15611	.39147	.30659	3.9829	.08512	1.7238	.00610
#3	.97222	.15624	.39708	.30796	3.9855	.08491	1.7118	.00602
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	.10559	1.1123	.45579	.89830	4.3768	.2142	36.100	2672.1
Stddev	.00050	.0030	.00076	.00292	.0249	.0002	.210	6.9
%RSD	.47161	.27007	.16631	.32497	.56911	.1157	.58143	.25995
#1	.10602	1.1157	.45658	.89651	4.3862	.2139	36.139	2664.9
#2	.10570	1.1107	.45507	.89671	4.3485	.2143	35.874	2672.6
#3	.10504	1.1104	.45570	.90167	4.3956	.2143	36.288	2678.8

Sample Name: S3 Acquired: 5/23/2019 12:06:38 Type: Cal
Method: P4-ICP2(v3144) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-276.85
Stddev	11.24
%RSD	4.0598

#1	-270.19
#2	-289.82
#3	-270.53

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3473.0	45799.	4235.5	41.310	3557.6
Stddev	15.9	118.	8.5	.802	6.7
%RSD	.45808	.25852	.20057	1.9424	.18757

#1	3464.0	45731.	4226.7	40.413	3550.8
#2	3463.6	45935.	4243.7	41.960	3558.0
#3	3491.3	45730.	4236.0	41.557	3564.1

Sample Name: S4 Acquired: 5/23/2019 12:10:38 Type: Cal
Method: P4-ICP2(v3144) 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	.27889	.73745	1.7635	.34089	.84688	.09329	5.0345	.26744
Stddev	.00068	.00184	.0032	.00063	.00238	.00064	.0265	.00068
%RSD	.24317	.24951	.18357	.18473	.28137	.68513	.52698	.25581

#1	.27890	.73823	1.7653	.34154	.84823	.09255	5.0042	.26810
#2	.27957	.73878	1.7654	.34086	.84828	.09366	5.0539	.26673
#3	.27821	.73535	1.7597	.34028	.84413	.09365	5.0452	.26750

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	12.467	1.4723	.22728	3.4381	1.0124	.51619	2.9932	.02056
Stddev	.021	.0052	.00078	.0074	.0027	.00121	.0032	.00020
%RSD	.17182	.35609	.34296	.21428	.26567	.23449	.10708	.94872

#1	12.481	1.4782	.22675	3.4440	1.0134	.51481	2.9953	.02033
#2	12.478	1.4680	.22818	3.4404	1.0145	.51670	2.9948	.02065
#3	12.443	1.4709	.22692	3.4298	1.0094	.51707	2.9895	.02069

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	1.9237	.30482	.77800	.60242	7.8790	.16964	3.3568	.01206
Stddev	.0035	.00015	.00270	.00198	.0183	.00093	.0134	.00014
%RSD	.18256	.04771	.34727	.32800	.23283	.54871	.39815	1.1595

#1	1.9268	.30495	.77500	.60050	7.8947	.16862	3.3603	.01191
#2	1.9245	.30485	.78026	.60445	7.8834	.17044	3.3681	.01208
#3	1.9199	.30466	.77872	.60230	7.8588	.16986	3.3420	.01218

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	.21045	2.1536	.89278	1.7630	8.5116	.4305	70.642	2602.0
Stddev	.00074	.0127	.00236	.0074	.0224	.0010	.309	6.9
%RSD	.35088	.59093	.26424	.42018	.26268	.2296	.43716	.26444

#1	.21128	2.1682	.89451	1.7700	8.5367	.4306	70.998	2604.3
#2	.21022	2.1456	.89373	1.7553	8.4939	.4314	70.452	2594.2
#3	.20986	2.1469	.89009	1.7637	8.5041	.4294	70.476	2607.4

Sample Name: S4 Acquired: 5/23/2019 12:10:38 Type: Cal
Method: P4-ICP2(v3144) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-281.33
Stddev	8.32
%RSD	2.9583

#1	-274.29
#2	-279.19
#3	-290.52

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3420.8	44956.	4192.3	41.708	3423.6
Stddev	12.6	121.	30.2	.737	6.0
%RSD	.36814	.26916	.72042	1.7673	.17591

#1	3418.8	45095.	4157.5	42.514	3421.7
#2	3409.2	44878.	4211.0	41.067	3418.7
#3	3434.2	44894.	4208.6	41.543	3430.3

Sample Name: S5 Acquired: 5/23/2019 12:14:37 Type: Cal
Method: P4-ICP2(v3144) 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	.54887	1.4460	3.4986	.66624	1.6608	.18141	9.8196	.51895
Stddev	.00208	.0080	.0104	.00259	.0055	.00090	.1482	.00108
%RSD	.37985	.55050	.29684	.38900	.33278	.49779	1.5088	.20868
#1	.54967	1.4516	3.5097	.66917	1.6663	.18124	9.7323	.52018
#2	.55044	1.4495	3.4971	.66530	1.6608	.18239	9.9907	.51855
#3	.54650	1.4369	3.4891	.66425	1.6552	.18061	9.7359	.51812
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	24.843	2.8200	.43806	6.8793	1.9441	.98904	5.7086	.04008
Stddev	.078	.0282	.00108	.0131	.0064	.00231	.0523	.00023
%RSD	.31229	1.0006	.24593	.18978	.33019	.23359	.91633	.56629
#1	24.923	2.8253	.43916	6.8891	1.9508	.99156	5.7352	.04012
#2	24.840	2.7894	.43800	6.8842	1.9435	.98852	5.7423	.04028
#3	24.767	2.8451	.43701	6.8645	1.9381	.98703	5.6484	.03983
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.8307	.59529	1.5200	1.1758	15.770	.33557	6.5193	.02364
Stddev	.0090	.00071	.0107	.0020	.053	.00254	.0218	.00015
%RSD	.23544	.11972	.70480	.17313	.33920	.75600	.33496	.61710
#1	3.8401	.59534	1.5236	1.1775	15.814	.33684	6.5423	.02360
#2	3.8300	.59597	1.5284	1.1762	15.786	.33722	6.5169	.02380
#3	3.8221	.59455	1.5079	1.1735	15.710	.33265	6.4988	.02352
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	.43223	4.1681	1.7798	3.3785	16.600	.8790	135.03	2557.0
Stddev	.00182	.0780	.0066	.0363	.217	.0041	1.55	12.8
%RSD	.42060	1.8721	.36785	1.0754	1.3070	.4646	1.1506	.50214
#1	.43222	4.1842	1.7852	3.3935	16.721	.8823	134.21	2562.9
#2	.43406	4.0833	1.7816	3.3370	16.349	.8803	134.06	2542.3
#3	.43042	4.2369	1.7725	3.4049	16.728	.8744	136.82	2565.8

Sample Name: S5 Acquired: 5/23/2019 12:14:37 Type: Cal
 Method: P4-ICP2(v3144) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-284.86
Stddev	7.71
%RSD	2.7074

#1	-278.95
#2	-293.58
#3	-282.04

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3372.1	44665.	4216.3	40.849	3254.8
Stddev	9.6	85.	65.7	1.356	7.5
%RSD	.28501	.18941	1.5577	3.3196	.23156

#1	3361.1	44712.	4204.7	39.683	3246.6
#2	3376.3	44567.	4287.0	42.337	3256.3
#3	3378.9	44716.	4157.2	40.526	3261.4

Sample Name: ICV01 Acquired: 5/23/2019 12:24:04 Type: Unk
Method: P4-ICP2(v3144) 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	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0154	1.0391	.99523	1.0144	.98980	2.5275	.50169	.48849
Stddev	.0080	.0038	.00071	.0051	.00308	.0193	.00357	.00052
%RSD	.79173	.36177	.07124	.50170	.31119	.76472	.71160	.10621
#1	1.0081	1.0349	.99454	1.0091	.98787	2.5057	.49765	.48790
#2	1.0240	1.0405	.99596	1.0193	.99335	2.5425	.50305	.48869
#3	1.0142	1.0420	.99518	1.0147	.98817	2.5342	.50439	.48888
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48623	10.234	.50201	.49777	.52557	5.1022	.51032	5.9161
Stddev	.00115	.021	.00173	.00055	.00082	.0047	.00122	.0638
%RSD	.23714	.20925	.34525	.10975	.15531	.09267	.23984	1.0781
#1	.48755	10.209	.50220	.49718	.52474	5.0980	.50933	5.8427
#2	.48573	10.245	.50364	.49825	.52637	5.1014	.50994	5.9575
#3	.48542	10.248	.50019	.49788	.52561	5.1074	.51168	5.9481
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49837	.50348	10.059	.49403	.97810	10.011	2.3775	2.2897
Stddev	.00109	.00094	.061	.00062	.00204	.032	.0063	.0205
%RSD	.21779	.18719	.60487	.12454	.20842	.31617	.26324	.89355
#1	.49956	.50414	9.9899	.49462	.98016	9.9768	2.3739	2.2677
#2	.49812	.50391	10.086	.49339	.97804	10.039	2.3848	2.2934
#3	.49744	.50240	10.103	.49408	.97609	10.017	2.3739	2.3081
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6884	2.2714	2.3206	2.4212	2.4788	2.602	2.4835	F 1.9849
Stddev	.0038	.0130	.0017	.0019	.0129	.004	.0116	.1247
%RSD	.14079	.57247	.07360	.07638	.51954	.1519	.46818	6.2831
#1	2.6927	2.2841	2.3212	2.4191	2.4788	2.605	2.4804	2.0382
#2	2.6854	2.2582	2.3187	2.4221	2.4660	2.604	2.4737	1.8424
#3	2.6872	2.2719	2.3220	2.4224	2.4917	2.597	2.4964	2.0741

Sample Name: ICV01 Acquired: 5/23/2019 12:24:04 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .65827
Stddev	1.5874
%RSD	241.15

#1	-.74255
#2	2.3825
#3	.33490

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3553.0	47280.	4353.2	45.137	3701.4
Stddev	10.0	76.	18.9	1.191	8.3
%RSD	.28047	.15996	.43385	2.6376	.22391

#1	3553.5	47324.	4332.8	45.423	3692.0
#2	3542.8	47193.	4370.0	46.159	3704.7
#3	3562.7	47323.	4356.9	43.830	3707.5

Sample Name: LLICV01 Acquired: 5/23/2019 12:34:56 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02064	.04318	.01160	.02091	.05185	.10697	.10587	.00657
Stddev	.00162	.00097	.00032	.00088	.00082	.01121	.00138	.00001
%RSD	7.8501	2.2503	2.7211	4.1983	1.5740	10.478	1.3053	.17624
#1	.02151	.04275	.01126	.02189	.05094	.10373	.10529	.00658
#2	.01877	.04430	.01167	.02021	.05251	.09774	.10487	.00657
#3	.02165	.04251	.01188	.02062	.05210	.11944	.10745	.00656
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00610	2.1462	.01100	.02981	.02210	.10945	.02305	2.0655
Stddev	.00004	.0159	.00019	.00026	.00019	.00048	.00006	.0430
%RSD	.60447	.74235	1.7563	.87338	.87758	.44219	.23943	2.0824
#1	.00607	2.1455	.01122	.03001	.02215	.10911	.02310	2.0787
#2	.00614	2.1307	.01088	.02989	.02227	.10923	.02304	2.1003
#3	.00609	2.1625	.01089	.02951	.02189	.11000	.02299	2.0174
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04090	.01071	2.0984	.04183	.03935	2.1059	.21782	.10734
Stddev	.00050	.00038	.0116	.00030	.00004	.0310	.00129	.00803
%RSD	1.2249	3.5355	.55377	.72375	.09520	1.4732	.59062	7.4781
#1	.04105	.01112	2.0893	.04192	.03940	2.1099	.21723	.10042
#2	.04034	.01038	2.0945	.04208	.03933	2.0731	.21929	.10547
#3	.04130	.01063	2.1115	.04149	.03933	2.1347	.21693	.11614
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02061	.41826	.03792	.04456	.02219	.0195	.02170	F 1.0678
Stddev	.00125	.00410	.00065	.00170	.00053	.0021	.00013	.0919
%RSD	6.0852	.97920	1.7106	3.8077	2.3840	10.72	.59521	8.6060
#1	.02051	.42234	.03717	.04409	.02197	.0185	.02158	1.0577
#2	.01941	.41830	.03831	.04314	.02279	.0180	.02184	1.1644
#3	.02192	.41415	.03827	.04644	.02181	.0219	.02169	.98141

Sample Name: LLICV01 Acquired: 5/23/2019 12:34:56 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .62605
Stddev	.10489
%RSD	16.754

#1	.73961
#2	.60575
#3	.53280

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3603.6	47743.	4277.0	43.597	3906.3
Stddev	11.4	131.	25.1	1.782	9.8
%RSD	.31510	.27364	.58715	4.0879	.25028

#1	3612.6	47606.	4249.0	42.816	3908.8
#2	3590.9	47866.	4284.6	42.339	3914.5
#3	3607.5	47759.	4297.5	45.636	3895.5

Sample Name: ICB01 Acquired: 5/23/2019 12:40:14 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00127	.00007	-.00170	-.00008	-.00076	-.00102	.00059	-.00001
Stddev	.00087	.00098	.00036	.00229	.00066	.01115	.00025	.00005
%RSD	68.092	1408.8	21.093	2807.6	86.306	1098.3	43.051	402.80
#1	-.00183	-.00105	-.00140	-.00102	-.00004	-.00059	.00061	.00003
#2	-.00171	.00046	-.00159	-.00176	-.00132	-.01237	.00083	-.00001
#3	-.00027	.00080	-.00210	.00253	-.00093	.00992	.00033	-.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.01210	.00047	-.00013	-.00070	.00025	.00001	.02330
Stddev	.00002	.00488	.00019	.00004	.00012	.00016	.00001	.03048
%RSD	59.389	40.294	39.335	28.853	17.139	65.628	53.366	130.82
#1	.00006	-.00888	.00052	-.00009	-.00080	.00041	.00000	.00846
#2	.00004	-.00971	.00027	-.00016	-.00057	.00008	.00002	.05836
#3	.00001	-.01771	.00063	-.00014	-.00073	.00025	.00001	.00308
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	-.00017	-.03125	.00029	-.00045	.01986	-.00009	.00230
Stddev	.00012	.00039	.00778	.00030	.00004	.04606	.00022	.01664
%RSD	60.801	234.43	24.893	104.43	7.7129	231.94	248.67	724.20
#1	-.00027	-.00057	-.03814	.00058	-.00047	.06962	-.00001	.00509
#2	-.00006	-.00016	-.03279	-.00002	-.00048	.01121	-.00033	-.01556
#3	-.00028	.00022	-.02281	.00030	-.00041	-.02126	.00008	.01737
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00854	-.00135	-.00211	.00198	-.00029	.0002	.00002	F 1.7047
Stddev	.00185	.00154	.00065	.00014	.00204	.0007	.00002	.1921
%RSD	21.711	113.41	30.674	6.9362	709.92	297.3	90.663	11.270
#1	-.01054	-.00033	-.00285	.00185	-.00263	.0005	.00004	1.5037
#2	-.00688	-.00312	-.00183	.00196	.00108	-.0006	-.00000	1.7238
#3	-.00819	-.00062	-.00165	.00212	.00069	.0007	.00003	1.8865

Sample Name: ICB01 Acquired: 5/23/2019 12:40:14 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .81341
Stddev	.83472
%RSD	102.62

#1	.59364
#2	.11057
#3	1.7360

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3591.0	48077.	4306.2	45.461	3904.0
Stddev	15.3	24.	32.6	.298	8.9
%RSD	.42744	.04949	.75806	.65528	.22832

#1	3589.9	48050.	4317.3	45.734	3909.5
#2	3576.2	48086.	4331.8	45.505	3893.7
#3	3606.8	48095.	4269.5	45.143	3908.9

Sample Name: CRI01 Acquired: 5/23/2019 12:44:42 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02213	.04278	.01111	.02214	.05329	.10674	.10669	.00663
Stddev	.00112	.00147	.00063	.00279	.00076	.00419	.00092	.00002
%RSD	5.0611	3.4254	5.6546	12.619	1.4182	3.9248	.86201	.35889
#1	.02104	.04118	.01177	.02528	.05249	.10722	.10597	.00663
#2	.02328	.04404	.01103	.02118	.05399	.11068	.10773	.00662
#3	.02207	.04314	.01052	.01994	.05338	.10234	.10637	.00666
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00619	2.1794	.01101	.02986	.02239	.11069	.02315	2.1081
Stddev	.00009	.0208	.00040	.00010	.00013	.00063	.00017	.0525
%RSD	1.4041	.95551	3.6594	.33449	.59591	.56831	.75422	2.4897
#1	.00620	2.1561	.01107	.02980	.02254	.10997	.02316	2.0498
#2	.00610	2.1961	.01057	.02980	.02227	.11093	.02297	2.1517
#3	.00627	2.1860	.01137	.02998	.02237	.11116	.02332	2.1228
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04114	.01058	2.1175	.04229	.03964	2.1315	.21978	.10898
Stddev	.00048	.00005	.0079	.00039	.00009	.0126	.00052	.01272
%RSD	1.1672	.42677	.37116	.93332	.22468	.58893	.23439	11.673
#1	.04164	.01057	2.1103	.04201	.03974	2.1339	.22005	.11340
#2	.04069	.01054	2.1259	.04274	.03956	2.1180	.22010	.11890
#3	.04110	.01062	2.1162	.04212	.03963	2.1427	.21918	.09464
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01609	.41868	.03736	.04549	.02142	.0192	.02181	F 1.6801
Stddev	.00265	.00124	.00041	.00254	.00248	.0012	.00006	.3537
%RSD	16.477	.29628	1.1034	5.5932	11.589	6.226	.26356	21.053
#1	.01508	.41769	.03764	.04398	.02080	.0199	.02175	1.8904
#2	.01409	.41828	.03755	.04843	.02416	.0200	.02185	1.8781
#3	.01910	.42008	.03688	.04406	.01931	.0179	.02184	1.2717

Sample Name: CRI01 Acquired: 5/23/2019 12:44:42 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.1329
Stddev 1.5863
%RSD 74.371

#1 .34744
#2 2.6717
#3 3.3796

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3570.1	47570.	4258.8	44.392	3869.3
Stddev	13.2	63.	9.9	.730	4.8
%RSD	.37063	.13172	.23353	1.6450	.12433

#1	3564.6	47618.	4255.4	44.452	3865.6
#2	3560.6	47499.	4270.0	43.634	3874.7
#3	3585.3	47592.	4251.0	45.091	3867.5

Sample Name: ICSA01 Acquired: 5/23/2019 12:49:08 Type: Unk
 Method: P4-ICP2(v3144) 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	-.00847	.01120	.00166	-.00243	.00284	269.28	.00660	.00298
Stddev	.00072	.00146	.00124	.00358	.00144	.35	.00053	.00027
%RSD	8.5596	13.012	75.032	147.26	50.657	.12974	7.9675	9.1511
#1	-.00805	.00969	.00026	-.00510	.00276	269.22	.00634	.00329
#2	-.00805	.01260	.00265	.00163	.00433	269.66	.00624	.00286
#3	-.00930	.01132	.00206	-.00381	.00145	268.97	.00720	.00278
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00136	248.63	.04776	-.00065	.01957	95.750	.01458	271.37
Stddev	.00006	.73	.00019	.00023	.00071	.511	.00010	.18
%RSD	4.2014	.29167	.39999	35.208	3.6483	.53394	.71589	.06688
#1	-.00136	247.88	.04797	-.00058	.01890	96.251	.01469	271.17
#2	-.00130	248.68	.04760	-.00046	.02032	95.229	.01456	271.52
#3	-.00142	249.32	.04769	-.00090	.01950	95.768	.01449	271.42
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00534	-.00709	.01878	.00128	-.01510	.02970	-.00235	.06153
Stddev	.00072	.00011	.00880	.00003	.00023	.02475	.00045	.00667
%RSD	13.517	1.5762	46.863	2.0259	1.4953	83.332	19.175	10.841
#1	-.00555	-.00722	.01262	.00126	-.01523	.00353	-.00188	.06649
#2	-.00454	-.00700	.01487	.00131	-.01484	.03283	-.00240	.06415
#3	-.00593	-.00706	.02886	.00128	-.01524	.05273	-.00278	.05395
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01582	-.00676	.00635	-.00133	.01138	F .0243	-.00162	4.0394
Stddev	.00144	.00269	.00179	.00084	.00064	.0014	.00078	.1755
%RSD	9.0812	39.804	28.139	63.582	5.6264	5.599	48.346	4.3445
#1	.01738	-.00962	.00532	-.00148	.01069	.0253	-.00238	3.8696
#2	.01455	-.00642	.00842	-.00208	.01150	.0228	-.00082	4.0285
#3	.01555	-.00426	.00532	-.00042	.01195	.0249	-.00166	4.2201

Sample Name: ICSA01 Acquired: 5/23/2019 12:49:08 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.93557
%RSD	100.95

#1	-.47909
#2	-.29918
#3	-2.0021

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.9	41878.	4067.2	40.092	3084.7
Stddev	18.1	222.	14.6	.352	17.6
%RSD	.56624	.52984	.35791	.87873	.56907

#1	3170.4	41683.	4054.6	40.215	3068.4
#2	3193.2	41831.	4063.8	39.694	3082.5
#3	3206.1	42119.	4083.1	40.366	3103.3

Sample Name: ICSAB01 Acquired: 5/23/2019 13:06:09 Type: Unk
Method: P4-ICP2(v3144) 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	.09933	.11470	.05244	.04565	.62327	263.99	.55328	.55203
Stddev	.00286	.00279	.00183	.00267	.00483	.67	.00144	.00111
%RSD	2.8764	2.4354	3.4849	5.8594	.77469	.25507	.26003	.20159

#1	.10238	.11292	.05129	.04346	.62316	263.66	.55178	.55301
#2	.09888	.11792	.05148	.04863	.62815	264.76	.55465	.55224
#3	.09672	.11325	.05455	.04485	.61849	263.54	.55341	.55082

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0097	243.29	.56674	.50609	.51528	93.749	.53132	266.29
Stddev	.0027	.15	.00096	.00105	.00115	.549	.00017	1.08
%RSD	.27027	.06073	.16944	.20774	.22368	.58579	.03185	.40406

#1	1.0120	243.13	.56568	.50618	.51404	94.376	.53127	265.16
#2	1.0105	243.40	.56756	.50500	.51631	93.519	.53151	267.31
#3	1.0067	243.35	.56697	.50710	.51548	93.352	.53118	266.40

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0046	.21054	.01305	.52732	1.0599	.00016	1.0258	1.1334
Stddev	.0010	.00027	.00111	.00132	.0027	.01070	.0010	.0199
%RSD	.09417	.12837	8.4796	.25117	.25009	6701.2	.09245	1.7567

#1	1.0050	.21080	.01303	.52657	1.0629	.00946	1.0258	1.1179
#2	1.0053	.21057	.01195	.52885	1.0589	-.01154	1.0268	1.1558
#3	1.0035	.21026	.01417	.52654	1.0578	.00255	1.0249	1.1265

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87260	.95051	1.0469	1.0396	1.0219	1.051	1.0662	4.6681
Stddev	.00503	.00038	.0020	.0062	.0008	.003	.0022	.1255
%RSD	.57673	.03987	.18747	.59881	.07427	.2902	.20607	2.6888

#1	.87347	.95031	1.0446	1.0391	1.0216	1.048	1.0658	4.7941
#2	.86719	.95095	1.0478	1.0461	1.0228	1.054	1.0642	4.5430
#3	.87714	.95028	1.0482	1.0337	1.0214	1.051	1.0685	4.6671

Sample Name: ICSAB01 Acquired: 5/23/2019 13:06:09 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	1.3200
%RSD	51.165

#1	-2.4884
#2	-1.3079
#3	-3.9431

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.7	41648.	4075.1	38.844	3072.0
Stddev	15.8	185.	20.5	1.400	13.9
%RSD	.49432	.44446	.50365	3.6047	.45172

#1	3174.8	41495.	4052.4	38.676	3057.7
#2	3188.1	41596.	4080.7	37.536	3073.0
#3	3206.2	41854.	4092.2	40.321	3085.4

Sample Name: CCV01 Acquired: 5/23/2019 13:10:33 Type: Unk
 Method: P4-ICP2(v3144) 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	4.9807	5.0139	4.9178	5.0304	4.9799	9.7640	9.8793	.24923
Stddev	.0076	.0106	.0086	.0125	.0052	.0679	.0552	.00033
%RSD	.15190	.21229	.17574	.24838	.10369	.69538	.55904	.13410
#1	4.9733	5.0219	4.9229	5.0265	4.9775	9.6866	9.8222	.24961
#2	4.9884	5.0179	4.9227	5.0443	4.9858	9.7917	9.9324	.24909
#3	4.9804	5.0018	4.9078	5.0203	4.9763	9.8137	9.8833	.24899
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4658	25.365	1.0064	2.4711	1.2469	5.0348	2.5355	24.757
Stddev	.0056	.068	.0014	.0046	.0027	.0073	.0029	.177
%RSD	.22785	.26741	.13626	.18496	.21280	.14560	.11544	.71342
#1	2.4693	25.286	1.0069	2.4738	1.2457	5.0412	2.5377	24.554
#2	2.4688	25.406	1.0074	2.4736	1.2499	5.0363	2.5367	24.875
#3	2.4593	25.402	1.0048	2.4658	1.2451	5.0268	2.5322	24.842
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4812	1.2491	24.974	2.5343	2.4558	24.331	4.9939	4.9385
Stddev	.0054	.0005	.123	.0042	.0040	.036	.0082	.0255
%RSD	.21622	.04250	.49251	.16553	.16097	.14635	.16501	.51632
#1	2.4858	1.2497	24.834	2.5374	2.4597	24.303	4.9901	4.9153
#2	2.4825	1.2488	25.065	2.5358	2.4557	24.318	5.0034	4.9658
#3	2.4753	1.2488	25.022	2.5295	2.4518	24.371	4.9883	4.9346
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9123	5.0121	4.9523	5.0339	4.9760	4.966	5.0461	F 4.3816
Stddev	.0230	.0350	.0044	.0025	.0282	.011	.0147	.1655
%RSD	.46736	.69914	.08811	.04956	.56759	.2124	.29236	3.7768
#1	4.9061	5.0499	4.9574	5.0321	5.0061	4.976	5.0601	4.1924
#2	4.8931	4.9808	4.9495	5.0367	4.9721	4.966	5.0475	4.4531
#3	4.9378	5.0056	4.9502	5.0328	4.9500	4.955	5.0307	4.4993

Sample Name: CCV01 Acquired: 5/23/2019 13:10:33 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.6864
Stddev .8368
%RSD 31.148

#1 2.1084
#2 3.6459
#3 2.3049

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3448.1	45694.	4202.9	41.465	3448.3
Stddev	3.2	75.	28.3	1.133	6.6
%RSD	.09202	.16313	.67369	2.7333	.19050

#1	3446.4	45671.	4171.0	41.722	3440.7
#2	3446.1	45634.	4212.3	40.225	3451.5
#3	3451.7	45778.	4225.3	42.448	3452.6

Sample Name: LLCCV01 Acquired: 5/23/2019 13:14:32 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02147	.04355	.01141	.02340	.05264	.10558	.10731	.00655
Stddev	.00229	.00100	.00084	.00293	.00055	.00840	.00162	.00008
%RSD	10.671	2.2895	7.3485	12.518	1.0416	7.9603	1.5076	1.2501
#1	.02302	.04420	.01091	.02490	.05311	.09697	.10659	.00659
#2	.02254	.04240	.01238	.02527	.05276	.11376	.10618	.00660
#3	.01884	.04404	.01095	.02002	.05204	.10602	.10917	.00645
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00626	2.1691	.01101	.02989	.02186	.11286	.02298	2.0219
Stddev	.00013	.0144	.00014	.00004	.00028	.00102	.00012	.0203
%RSD	2.0374	.66565	1.3017	.14865	1.2649	.90752	.53456	1.0024
#1	.00637	2.1639	.01106	.02993	.02195	.11404	.02293	2.0123
#2	.00628	2.1854	.01085	.02984	.02155	.11223	.02290	2.0452
#3	.00612	2.1579	.01112	.02988	.02208	.11231	.02312	2.0083
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04130	.01067	2.1073	.04201	.03984	2.1051	.21784	.11169
Stddev	.00009	.00046	.0046	.00050	.00022	.0203	.00125	.00681
%RSD	.20969	4.2915	.21960	1.2011	.54579	.96319	.57539	6.0957
#1	.04140	.01014	2.1096	.04155	.04003	2.0841	.21807	.11380
#2	.04127	.01096	2.1020	.04255	.03988	2.1245	.21649	.11719
#3	.04123	.01090	2.1104	.04193	.03960	2.1066	.21897	.10408
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01975	.41510	.03913	.04379	.02018	.0190	.02186	F 2.3210
Stddev	.00319	.00211	.00123	.00226	.00032	.0013	.00021	.1697
%RSD	16.169	.50907	3.1316	5.1597	1.5825	6.748	.98319	7.3116
#1	.02057	.41329	.04021	.04134	.01987	.0204	.02164	2.1299
#2	.01623	.41458	.03937	.04424	.02017	.0179	.02186	2.4540
#3	.02246	.41742	.03780	.04579	.02051	.0187	.02207	2.3791

Sample Name: LLCCV01 Acquired: 5/23/2019 13:14:32 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.1327
Stddev	.5061
%RSD	44.684

#1	.79923
#2	1.7151
#3	.88375

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3602.3	48236.	4336.6	44.321	3884.7
Stddev	13.2	204.	6.2	.749	8.0
%RSD	.36771	.42372	.14312	1.6892	.20664

#1	3604.3	48050.	4335.7	43.607	3876.3
#2	3614.5	48455.	4330.8	45.100	3885.7
#3	3588.2	48201.	4343.1	44.257	3892.2

Sample Name: CCB01 Acquired: 5/23/2019 13:30:03 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00274	.00058	-.00159	.00161	-.00124	-.00506	.00047	.00009
Stddev	.00277	.00056	.00036	.00138	.00032	.01028	.00035	.00006
%RSD	101.10	96.607	22.438	85.364	25.985	202.92	73.517	59.067
#1	.00284	.00070	-.00149	.00122	-.00102	.00574	.00082	.00009
#2	.00547	.00107	-.00199	.00314	-.00161	-.01471	.00013	.00004
#3	-.00008	-.00003	-.00129	.00048	-.00108	-.00622	.00046	.00015
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00154	.00039	.00004	-.00063	.00052	.00001	-.02393
Stddev	.00002	.00233	.00012	.00010	.00012	.00005	.00007	.03536
%RSD	81.787	151.29	30.105	262.17	18.695	10.469	530.14	147.75
#1	.00000	.00232	.00053	-.00005	-.00060	.00051	-.00001	-.05651
#2	.00005	.00339	.00030	.00002	-.00053	.00057	.00009	-.02896
#3	.00003	-.00108	.00035	.00014	-.00076	.00046	-.00004	.01367
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00020	-.04525	.00008	-.00037	.02542	-.00032	.00452
Stddev	.00014	.00021	.00648	.00032	.00004	.03610	.00011	.00515
%RSD	120.20	101.81	14.332	408.81	9.6545	142.02	34.077	114.02
#1	.00014	-.00029	-.05231	.00031	-.00040	.03872	-.00021	.00900
#2	.00023	-.00035	-.03956	-.00029	-.00038	.05299	-.00033	.00566
#3	-.00003	.00003	-.04388	.00021	-.00033	-.01545	-.00043	-.00111
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00898	-.00081	-.00310	.00158	-.00101	-.0002	.00006	F 1.9815
Stddev	.00257	.00260	.00048	.00218	.00125	.0021	.00002	.2000
%RSD	28.630	322.77	15.355	138.28	124.39	971.5	32.936	10.094
#1	-.00864	-.00166	-.00275	-.00089	-.00184	-.0024	.00008	1.7555
#2	-.01170	.00212	-.00292	.00325	.00043	.0001	.00006	2.1358
#3	-.00659	-.00288	-.00364	.00237	-.00161	.0017	.00004	2.0532

Sample Name: CCB01 Acquired: 5/23/2019 13:30:03 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0568
Stddev	.4872
%RSD	23.687

#1	2.1028
#2	1.5483
#3	2.5194

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3610.7	48100.	4267.7	43.738	3912.7
Stddev	4.5	77.	3.1	1.508	5.9
%RSD	.12429	.16059	.07300	3.4479	.15079

#1	3605.7	48044.	4271.2	44.239	3906.7
#2	3611.8	48067.	4265.1	42.043	3913.0
#3	3614.5	48188.	4266.9	44.932	3918.5

Sample Name: LLOQ-WATER Acquired: 5/23/2019 13:43:08 Type: Unk
Method: P4-ICP2(v3144) 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	.02171	.04252	.01095	.02001	.05115	.11015	.10500	.00652
Stddev	.00397	.00020	.00080	.00219	.00089	.00274	.00070	.00003
%RSD	18.298	.46873	7.3323	10.929	1.7304	2.4910	.66426	.43370
#1	.02491	.04256	.01186	.01876	.05201	.10931	.10532	.00652
#2	.02295	.04270	.01064	.02253	.05119	.10792	.10548	.00649
#3	.01726	.04230	.01035	.01873	.05025	.11321	.10420	.00654
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00608	2.1869	.01114	.02986	.02179	.11049	.02293	2.0528
Stddev	.00003	.0180	.00033	.00017	.00016	.00010	.00006	.0486
%RSD	.42958	.82237	2.9845	.55648	.74203	.08977	.27567	2.3687
#1	.00605	2.1860	.01081	.02998	.02197	.11040	.02288	2.0524
#2	.00610	2.2054	.01113	.02993	.02169	.11049	.02300	2.0044
#3	.00608	2.1694	.01147	.02967	.02170	.11060	.02291	2.1016
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04120	.01084	2.0953	.04273	.03919	2.0998	.21541	.10797
Stddev	.00035	.00016	.0067	.00026	.00009	.0399	.00035	.00813
%RSD	.84905	1.4390	.31950	.61994	.23072	1.9007	.16142	7.5340
#1	.04104	.01098	2.0878	.04245	.03928	2.0946	.21581	.11630
#2	.04160	.01067	2.0974	.04297	.03917	2.1420	.21517	.10004
#3	.04095	.01087	2.1007	.04276	.03911	2.0627	.21526	.10758
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02107	.42308	.03656	.04451	.02044	.0214	.02171	F 1.6122
Stddev	.00330	.00300	.00082	.00103	.00041	.0005	.00008	.3733
%RSD	15.685	.70878	2.2480	2.3079	1.9822	2.357	.34800	23.157
#1	.01903	.42179	.03662	.04567	.02044	.0208	.02162	1.7538
#2	.01930	.42095	.03735	.04416	.02004	.0214	.02175	1.8939
#3	.02488	.42651	.03571	.04370	.02085	.0218	.02175	1.1887

Sample Name: LLOQ-WATER Acquired: 5/23/2019 13:43:08 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.1573
Stddev 1.5302
%RSD 132.22

#1 1.3956
#2 -.47799
#3 2.5544

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3604.8	47403.	4202.7	43.254	3865.1
Stddev	8.8	87.	15.6	2.518	9.1
%RSD	.24406	.18430	.37237	5.8222	.23531

#1	3595.5	47500.	4191.8	40.445	3855.1
#2	3605.9	47332.	4220.6	45.311	3873.0
#3	3613.0	47375.	4195.6	44.005	3867.2

Sample Name: PBS Acquired: 5/23/2019 13:47:34 Type: Unk
Method: P4-ICP2(v3144) 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	.00072	.00039	-.00166	.00004	-.00081	.00482	.00042	.00005
Stddev	.00103	.00023	.00021	.00242	.00089	.00578	.00025	.00002
%RSD	142.97	58.363	12.650	5715.6	110.40	119.83	59.202	47.408
#1	.00013	.00019	-.00142	.00222	-.00131	.00052	.00018	.00003
#2	.00012	.00064	-.00180	-.00255	.00022	.01139	.00068	.00007
#3	.00191	.00034	-.00177	.00046	-.00133	.00256	.00041	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00828	.00029	-.00001	-.00059	.00035	-.00002	-.01765
Stddev	.00004	.00760	.00025	.00017	.00008	.00003	.00003	.03850
%RSD	81.862	91.768	87.022	2712.9	13.652	8.4262	196.04	218.13
#1	.00000	-.00953	.00055	.00006	-.00068	.00031	.00002	.00505
#2	.00009	-.01519	.00006	.00011	-.00053	.00037	-.00003	-.06211
#3	.00006	-.00014	.00025	-.00020	-.00056	.00036	-.00003	.00410
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00029	-.05014	.00037	-.00049	.02468	-.00008	.01293
Stddev	.00027	.00022	.00403	.00016	.00005	.00915	.00017	.00481
%RSD	300.97	75.137	8.0313	42.430	10.747	37.073	215.70	37.209
#1	-.00021	.00005	-.04650	.00037	-.00043	.03420	-.00014	.00744
#2	.00019	.00037	-.04946	.00054	-.00052	.02389	.00011	.01643
#3	.00029	.00046	-.05447	.00022	-.00052	.01595	-.00020	.01492
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00716	-.00350	-.00287	.00126	-.00175	.0013	.00006	F 2.2358
Stddev	.00067	.00139	.00030	.00167	.00102	.0014	.00005	.2920
%RSD	9.3911	39.675	10.461	132.27	58.685	113.9	94.048	13.061
#1	-.00784	-.00194	-.00252	-.00060	-.00135	-.0004	-.00000	1.9683
#2	-.00713	-.00394	-.00300	.00175	-.00098	.0019	.00007	2.5473
#3	-.00650	-.00461	-.00308	.00264	-.00291	.0022	.00010	2.1918

Sample Name: PBS Acquired: 5/23/2019 13:47:34 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.1895
Stddev	.9058
%RSD	41.369

#1	1.6876
#2	1.6457
#3	3.2351

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3590.2	47813.	4215.6	43.441	3891.0
Stddev	16.5	11.	10.9	1.139	7.3
%RSD	.46034	.02350	.25739	2.6221	.18819

#1	3572.7	47801.	4223.6	43.211	3894.4
#2	3592.3	47822.	4203.2	42.434	3882.6
#3	3605.6	47816.	4219.8	44.677	3896.0

Sample Name: LLOQ-SOIL Acquired: 5/23/2019 13:56:04 Type: Unk
Method: P4-ICP2(v3144) 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	.02106	.04303	.01103	.02071	.05226	.10686	.10632	.00654
Stddev	.00159	.00121	.00023	.00150	.00166	.00384	.00072	.00008
%RSD	7.5383	2.8015	2.0751	7.2622	3.1811	3.5930	.67347	1.1724
#1	.02289	.04311	.01109	.02027	.05061	.10925	.10699	.00651
#2	.02000	.04178	.01078	.01946	.05224	.10890	.10556	.00662
#3	.02030	.04419	.01123	.02238	.05393	.10243	.10640	.00648
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00620	2.1783	.01145	.02996	.02206	.11361	.02283	2.0165
Stddev	.00005	.0066	.00032	.00024	.00031	.00032	.00016	.0032
%RSD	.76189	.30266	2.8096	.79232	1.4074	.28413	.68856	.16131
#1	.00626	2.1738	.01175	.03023	.02177	.11362	.02266	2.0186
#2	.00617	2.1753	.01150	.02981	.02202	.11329	.02285	2.0127
#3	.00617	2.1859	.01111	.02983	.02238	.11393	.02297	2.0181
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04127	.01088	2.1084	.04298	.03929	2.0829	.21615	.10966
Stddev	.00026	.00007	.0084	.00037	.00007	.0167	.00041	.00439
%RSD	.62777	.62868	.39776	.85519	.16705	.80320	.18988	3.9991
#1	.04152	.01081	2.1014	.04279	.03922	2.0677	.21622	.10733
#2	.04100	.01090	2.1060	.04275	.03933	2.1009	.21572	.10693
#3	.04130	.01094	2.1177	.04340	.03933	2.0802	.21653	.11472
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02036	.42001	.03746	.04608	.02068	.0206	.02188	F 2.1578
Stddev	.00310	.00061	.00055	.00040	.00154	.0015	.00017	.2286
%RSD	15.229	.14613	1.4784	.87433	7.4693	7.055	.75960	10.593
#1	.01975	.41949	.03765	.04632	.01968	.0223	.02170	2.0222
#2	.02372	.42069	.03684	.04561	.02246	.0199	.02201	2.0294
#3	.01761	.41987	.03790	.04630	.01990	.0196	.02194	2.4217

Sample Name: LLOQ-SOIL Acquired: 5/23/2019 13:56:04 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .51628
 Stddev .72519
 %RSD 140.46

#1 -.32065
 #2 .91088
 #3 .95861

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3604.7	47616.	4240.2	44.198	3861.6
Stddev	5.9	44.	6.6	.867	.8
%RSD	.16441	.09179	.15575	1.9619	.02111

#1	3609.8	47656.	4247.3	45.164	3861.2
#2	3606.0	47570.	4234.2	43.486	3862.6
#3	3598.2	47623.	4239.1	43.943	3861.1

Sample Name: PB119428BL Acquired: 5/23/2019 14:00:28 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00077	-.00083	-.00081	.00075	-.00021	.01027	.00050	.00000
Stddev	.00086	.00063	.00049	.00111	.00095	.01248	.00024	.00002
%RSD	112.32	76.852	60.847	148.06	451.98	121.59	48.494	2218.3
#1	-.00019	-.00009	-.00056	-.00018	.00008	-.00087	.00077	-.00001
#2	.00099	-.00121	-.00138	.00045	-.00128	.02375	.00047	-.00001
#3	.00149	-.00117	-.00050	.00198	.00056	.00792	.00028	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00459	.00012	.00006	-.00018	.00047	.00002	-.03236
Stddev	.00001	.00372	.00038	.00008	.00018	.00023	.00005	.01859
%RSD	25.370	80.979	321.06	136.37	99.158	49.013	271.35	57.449
#1	.00003	.00171	.00000	-.00003	-.00010	.00029	-.00001	-.01764
#2	.00003	.00327	.00054	.00013	-.00005	.00039	-.00001	-.02619
#3	.00002	.00879	-.00019	.00008	-.00038	.00073	.00007	-.05326
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	.00006	-.05068	.00003	.00039	.03163	-.00014	.00552
Stddev	.00007	.00035	.00424	.00015	.00003	.04086	.00023	.01078
%RSD	38.619	614.01	8.3648	477.84	8.5055	129.17	170.96	195.31
#1	-.00022	-.00034	-.05048	.00002	.00035	.05229	.00013	-.00649
#2	-.00024	.00030	-.05502	-.00012	.00038	-.01543	-.00029	.01436
#3	-.00011	.00022	-.04655	.00019	.00042	.05803	-.00024	.00869
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00672	-.00327	-.00237	.00243	-.00170	.0014	.00003	F 2.0833
Stddev	.00074	.00100	.00043	.00091	.00086	.0009	.00008	.3400
%RSD	11.046	30.512	18.156	37.284	50.588	65.44	289.66	16.321
#1	-.00609	-.00245	-.00265	.00199	-.00079	.0022	-.00007	1.6910
#2	-.00754	-.00438	-.00187	.00348	-.00251	.0004	.00008	2.2657
#3	-.00654	-.00297	-.00258	.00183	-.00180	.0014	.00007	2.2931

Sample Name: PB119428BL Acquired: 5/23/2019 14:00:28 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .66489
Stddev	1.9258
%RSD	289.64

#1	1.2810
#2	-1.4936
#3	2.2072

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3589.6	47211.	4173.7	44.585	3874.7
Stddev	24.6	78.	9.7	.530	18.9
%RSD	.68517	.16602	.23311	1.1890	.48730

#1	3566.1	47122.	4165.8	44.032	3855.0
#2	3587.6	47270.	4184.6	44.634	3876.6
#3	3615.2	47241.	4170.9	45.089	3892.6

Sample Name: PB119428BS Acquired: 5/23/2019 14:04:56 Type: Unk
Method: P4-ICP2(v3144) 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	.71688	1.8974	.92263	1.8428	.73176	1.8537	.19231
Stddev	.00309	.0014	.00281	.0051	.00051	.0169	.00215
%RSD	.43141	.07278	.30445	.27547	.06950	.91086	1.1165

#1	.71331	1.8969	.92111	1.8389	.73216	1.8386	.19089
#2	.71869	1.8964	.92588	1.8409	.73119	1.8507	.19126
#3	.71865	1.8990	.92092	1.8485	.73193	1.8719	.19478

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18267	.18259	1.0495	.40437	.18881	.29963	3.0242
Stddev	.00050	.00025	.0075	.00028	.00057	.00122	.0070
%RSD	.27597	.13630	.71200	.06842	.30071	.40583	.23026

#1	.18266	.18284	1.0580	.40460	.18946	.29930	3.0250
#2	.18217	.18261	1.0438	.40406	.18847	.29861	3.0308
#3	.18317	.18234	1.0468	.40443	.18849	.30097	3.0169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20201	1.8507	.47859	.06876	2.9248	.30486	.17939
Stddev	.00024	.0395	.00075	.00064	.0285	.00093	.00002
%RSD	.11917	2.1346	.15667	.92683	.97295	.30518	.01254

#1	.20184	1.8056	.47944	.06918	2.9056	.30400	.17940
#2	.20191	1.8793	.47803	.06803	2.9112	.30472	.17940
#3	.20229	1.8672	.47829	.06908	2.9575	.30585	.17936

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5193	.39185	.28366	F -.01108	.89439	.64206	.20310
Stddev	.1103	.00093	.00267	.00314	.00918	.00227	.00239
%RSD	1.1591	.23858	.94285	28.354	1.0264	.35431	1.1787

#1	9.4454	.39215	.28573	-.00756	.90297	.64371	.20518
#2	9.4664	.39080	.28064	-.01209	.89550	.63946	.20364
#3	9.6461	.39259	.28461	-.01359	.88471	.64300	.20048

Sample Name: PB119428BS Acquired: 5/23/2019 14:04:56 Type: Unk
Method: P4-ICP2(v3144) 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	.20710	5.144	.19866	F 2.7626	F<.00000
Stddev	.00300	.007	.00079	.1062	.77773
%RSD	1.4463	.1358	.39821	3.8428	30.144
#1	.21033	5.150	.19957	2.8644	-2.6154
#2	.20441	5.145	.19813	2.6525	-3.3395
#3	.20657	5.136	.19828	2.7708	-1.7853
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3534.3	46984.	4116.9	43.254	3759.6
Stddev	10.5	165.	57.6	1.292	8.4
%RSD	.29838	.35144	1.3987	2.9868	.22300
#1	3534.8	46840.	4055.7	41.823	3750.0
#2	3544.6	47164.	4124.8	44.334	3764.8
#3	3523.5	46950.	4170.0	43.605	3764.1

Sample Name: LCSW Acquired: 5/23/2019 14:13:41 Type: Unk
Method: P4-ICP2(v3144) 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	.67451	1.7932	.86738	1.7676	.67555	1.6975	.17712
Stddev	.00052	.0055	.00201	.0060	.00084	.0096	.00074
%RSD	.07753	.30869	.23122	.33801	.12487	.56452	.42012

#1	.67458	1.7880	.86964	1.7737	.67522	1.7074	.17667
#2	.67500	1.7990	.86667	1.7618	.67651	1.6882	.17670
#3	.67396	1.7925	.86582	1.7672	.67493	1.6970	.17797

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17675	.17183	.96120	.36967	.17349	.28266	2.8093
Stddev	.00029	.00027	.01264	.00235	.00026	.00040	.0043
%RSD	.16673	.15578	1.3155	.63632	.14960	.14207	.15500

#1	.17691	.17208	.97356	.37065	.17370	.28267	2.8078
#2	.17694	.17185	.94829	.36699	.17357	.28306	2.8059
#3	.17641	.17155	.96177	.37137	.17320	.28225	2.8142

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18659	1.7289	.44273	.06472	2.7199	.27671	.17528
Stddev	.00030	.0270	.00051	.00044	.0052	.00104	.00046
%RSD	.16269	1.5594	.11585	.67602	.18991	.37663	.26127

#1	.18679	1.6978	.44229	.06444	2.7178	.27744	.17581
#2	.18675	1.7466	.44262	.06450	2.7161	.27552	.17501
#3	.18624	1.7421	.44330	.06523	2.7258	.27718	.17503

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.7914	.34720	.28254	9.0510	.82838	.59258	.18263
Stddev	.0240	.00091	.01920	.0131	.00340	.00166	.00280
%RSD	.27361	.26237	6.7942	.14499	.41068	.27935	1.5325

#1	8.7651	.34793	.30423	9.0367	.82856	.59072	.18051
#2	8.7969	.34748	.27565	9.0541	.82490	.59313	.18580
#3	8.8123	.34618	.26774	9.0624	.83169	.59389	.18158

Sample Name: LCSW Acquired: 5/23/2019 14:13:41 Type: Unk
Method: P4-ICP2(v3144) 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	.18690	4.879	.17962	F 2.5824	F<.00000
Stddev	.00261	.015	.00120	.1093	1.1092
%RSD	1.3964	.3006	.66770	4.2319	39.919
#1	.18551	4.887	.17858	2.5378	-2.4434
#2	.18528	4.888	.17936	2.5024	-4.0167
#3	.18991	4.862	.18093	2.7069	-1.8756
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3605.7	47117.	4189.7	43.747	3837.6
Stddev	6.4	89.	5.7	.904	3.7
%RSD	.17870	.18881	.13710	2.0667	.09525
#1	3598.2	47052.	4188.4	44.168	3833.9
#2	3609.2	47219.	4195.9	42.709	3837.9
#3	3609.6	47080.	4184.6	44.364	3841.2

Sample Name: PBW Acquired: 5/23/2019 14:18:16 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	.00128	-.00107	.00256	-.00054	.00408	.00055
Stddev	.00082	.00115	.00029	.00031	.00124	.00891	.00040
%RSD	260.09	89.669	27.264	12.270	230.80	218.20	73.093

#1	-.00001	-.00001	-.00140	.00290	.00071	-.00248	.00037
#2	-.00125	.00219	-.00100	.00229	-.00177	.00051	.00027
#3	.00031	.00167	-.00083	.00247	-.00056	.01422	.00101

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00009	.00623	.00009	-.00002	-.00032	.00196
Stddev	.00002	.00002	.00656	.00008	.00012	.00020	.00023
%RSD	21.736	22.915	105.24	91.323	668.23	62.599	11.870

#1	.00009	.00006	.00224	.00010	-.00003	-.00029	.00185
#2	.00010	.00009	.01380	.00017	.00010	-.00054	.00181
#3	.00007	.00010	.00265	.00000	-.00013	-.00014	.00223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.03185	.00007	.00011	-.05403	.00002	-.00011
Stddev	.00004	.04420	.00006	.00008	.00207	.00018	.00002
%RSD	49.024	138.79	89.089	79.316	3.8241	1123.3	16.141

#1	.00008	-.08289	.00013	.00020	-.05247	.00020	-.00011
#2	.00010	-.00590	.00003	.00005	-.05637	.00001	-.00012
#3	.00003	-.00676	.00004	.00006	-.05324	-.00016	-.00009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01185	.00000	.01240	-.00957	.00095	-.00278	.00167
Stddev	.02172	.00026	.00408	.00345	.00056	.00041	.00018
%RSD	183.30	14650.	32.852	36.019	58.875	14.774	10.663

#1	-.00150	-.00027	.00890	-.01355	.00087	-.00322	.00155
#2	.03691	.00025	.01688	-.00745	.00155	-.00242	.00158
#3	.00014	.00002	.01143	-.00772	.00044	-.00269	.00187

Sample Name: PBW Acquired: 5/23/2019 14:18:16 Type: Unk
 Method: P4-ICP2(v3144) 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	-.00213	.0029	.00005	F 2.2392	F<.00000
Stddev	.00124	.0011	.00007	.0955	1.7167
%RSD	58.232	36.32	131.45	4.2661	582.58

#1	-.00280	.0028	.00001	2.2687	1.6876
#2	-.00070	.0019	.00001	2.1324	-1.2945
#3	-.00289	.0040	.00014	2.3165	-1.2771

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3605.4	47362.	4187.7	43.777	3887.0
Stddev	17.9	35.	21.9	2.347	16.5
%RSD	.49664	.07402	.52181	5.3605	.42546

#1	3607.5	47385.	4172.3	41.280	3888.2
#2	3622.3	47321.	4178.1	45.936	3902.9
#3	3586.6	47378.	4212.7	44.114	3869.9

Sample Name: K2551-11 Acquired: 5/23/2019 14:26:53 Type: Unk
Method: P4-ICP2(v3144) 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	.74374	4.1536	2.9446	5.6592	.57341	204.64	14.539
Stddev	.00595	.0045	.0021	.0193	.00019	.51	.100
%RSD	.80055	.10916	.07221	.34039	.03266	.24847	.68519

#1	.73702	4.1508	2.9469	5.6392	.57319	205.05	14.427
#2	.74836	4.1588	2.9442	5.6608	.57353	204.79	14.570
#3	.74584	4.1512	2.9427	5.6776	.57350	204.07	14.619

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3.0051	3.5581	331.27	F 3.3951	F 5.2612	3.2899	240.28
Stddev	.0016	.0037	2.94	.0042	.0020	.0068	.90
%RSD	.05287	.10532	.88705	.12239	.03845	.20580	.37386

#1	3.0038	3.5623	328.44	3.3961	5.2607	3.2840	241.26
#2	3.0046	3.5567	331.08	3.3986	5.2634	3.2883	239.48
#3	3.0069	3.5552	334.31	3.3905	5.2595	3.2973	240.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.663	120.37	1.0189	1.4944	15.169	4.5964	12.772
Stddev	.050	.36	.0006	.0014	.029	.0032	.015
%RSD	.47211	.29507	.05543	.09363	.19269	.06942	.11651

#1	10.634	120.77	1.0184	1.4936	15.198	4.5927	12.785
#2	10.721	120.26	1.0187	1.4960	15.170	4.5985	12.775
#3	10.635	120.09	1.0195	1.4936	15.140	4.5979	12.756

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.016	2.8660	5.2237	2.7736	F 31.249	2.8460	8.0510
Stddev	.195	.0062	.0083	.0056	.310	.0019	.0683
%RSD	.50024	.21465	.15921	.20245	.99223	.06717	.84874

#1	39.219	2.8592	5.2310	2.7711	30.953	2.8449	7.9930
#2	38.998	2.8679	5.2255	2.7800	31.224	2.8482	8.0338
#3	38.830	2.8710	5.2146	2.7696	31.572	2.8449	8.1263

Sample Name: K2551-11 Acquired: 5/23/2019 14:26:53 Type: Unk
Method: P4-ICP2(v3144) 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	4.6366	F 16.13	4.9189	<.00000	F<.00000
Stddev	.0243	.05	.0366	.09154	1.2745
%RSD	.52364	.3389	.74445	2.4795	.67410
#1	4.6207	16.18	4.8855	-3.5866	-190.40
#2	4.6247	16.13	4.9132	-3.7533	-187.87
#3	4.6646	16.07	4.9580	-3.7354	-188.92
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3747.1	49761.	4924.8	39.762	2930.8
Stddev	9.1	145.	39.2	2.007	1.3
%RSD	.24413	.29237	.79674	5.0487	.04349
#1	3756.7	49594.	4951.0	41.267	2932.0
#2	3746.0	49828.	4943.8	37.482	2930.9
#3	3738.5	49861.	4879.7	40.536	2929.5

Sample Name: LCSS Acquired: 5/23/2019 14:33:39 Type: Unk
Method: P4-ICP2(v3144) 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	.65048	1.7337	.83574	1.7180	.67198	1.6285	.17028
Stddev	.00046	.0030	.00100	.0038	.00067	.0064	.00118
%RSD	.07096	.17364	.11928	.22037	.10027	.39429	.69064

#1	.64996	1.7348	.83627	1.7163	.67243	1.6250	.16894
#2	.65085	1.7360	.83636	1.7154	.67121	1.6246	.17112
#3	.65064	1.7303	.83459	1.7223	.67231	1.6360	.17078

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17026	.16507	.91568	.35520	.16704	.27330	2.6960
Stddev	.00010	.00016	.01697	.00112	.00025	.00050	.0044
%RSD	.05588	.09816	1.8529	.31498	.14732	.18190	.16331

#1	.17030	.16525	.90365	.35563	.16731	.27283	2.7011
#2	.17032	.16493	.90829	.35604	.16699	.27382	2.6930
#3	.17015	.16502	.93508	.35393	.16683	.27327	2.6939

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17927	1.6521	.42508	.06265	2.5916	.26549	.16481
Stddev	.00040	.0341	.00133	.00035	.0286	.00096	.00007
%RSD	.22480	2.0624	.31254	.55885	1.1047	.36325	.04129

#1	.17926	1.6615	.42521	.06274	2.5586	.26657	.16486
#2	.17967	1.6804	.42634	.06295	2.6069	.26519	.16473
#3	.17887	1.6143	.42369	.06226	2.6094	.26472	.16483

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4490	.34470	.26296	8.5458	.81964	.58169	.17859
Stddev	.0954	.00070	.00662	.0134	.00335	.00169	.00057
%RSD	1.1295	.20452	2.5177	.15702	.40821	.29138	.31898

#1	8.3397	.34525	.26909	8.5589	.82111	.58192	.17924
#2	8.5158	.34391	.25594	8.5465	.82199	.58325	.17833
#3	8.4915	.34494	.26385	8.5320	.81581	.57989	.17819

Sample Name: LCSS Acquired: 5/23/2019 14:33:39 Type: Unk
 Method: P4-ICP2(v3144) 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	.18054	F 4.718	.17285	F 2.9868	F<.00000
Stddev	.00197	.006	.00124	.1332	1.0401
%RSD	1.0931	.1198	.71967	4.4601	57.467
#1	.17937	4.721	.17142	2.9031	-1.1085
#2	.17942	4.712	.17354	2.9169	-3.0049
#3	.18282	4.722	.17360	3.1404	-1.3162
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3597.3	47281.	4197.2	44.711	3842.6
Stddev	8.2	226.	21.3	.364	10.8
%RSD	.22930	.47806	.50821	.81506	.28071
#1	3588.0	47231.	4178.2	44.936	3831.2
#2	3603.7	47084.	4192.9	44.907	3844.1
#3	3600.2	47527.	4220.3	44.291	3852.6

Sample Name: K2551-11DLX2 Acquired: 5/23/2019 14:39:33 Type: Unk
Method: P4-ICP2(v3144) 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	.39931	2.0969	1.4703	3.0805	.30336	106.36	7.7103
Stddev	.00372	.0017	.0013	.0072	.00299	.61	.0450
%RSD	.93213	.08283	.08835	.23503	.98634	.57537	.58404

#1	.40043	2.0976	1.4689	3.0727	.30029	105.74	7.6585
#2	.40233	2.0949	1.4707	3.0819	.30627	106.37	7.7323
#3	.39515	2.0981	1.4714	3.0870	.30352	106.96	7.7401

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1.5961	1.7644	182.82	1.8619	2.5844	1.8308	145.23
Stddev	.0028	.0015	1.50	.0028	.0019	.0048	.53
%RSD	.17778	.08371	.82138	.14973	.07463	.26194	.36751

#1	1.5941	1.7641	181.08	1.8588	2.5829	1.8263	144.67
#2	1.5994	1.7632	183.64	1.8627	2.5836	1.8359	145.28
#3	1.5949	1.7661	183.72	1.8642	2.5865	1.8303	145.73

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.0361	63.619	.50192	.79456	7.8486	2.4847	6.4224
Stddev	.0177	.670	.00094	.00195	.0546	.0022	.0036
%RSD	.29386	1.0534	.18730	.24504	.69559	.09075	.05586

#1	6.0326	62.847	.50092	.79237	7.7858	2.4868	6.4216
#2	6.0203	64.054	.50278	.79609	7.8752	2.4823	6.4192
#3	6.0553	63.956	.50206	.79523	7.8849	2.4850	6.4263

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.288	1.5705	2.7727	1.3439	F 17.500	1.3982	4.4380
Stddev	.012	.0062	.0266	.0030	.032	.0006	.0196
%RSD	.05937	.39419	.95778	.22216	.18516	.04350	.44171

#1	20.274	1.5647	2.7568	1.3473	17.502	1.3979	4.4188
#2	20.296	1.5770	2.7580	1.3429	17.531	1.3979	4.4372
#3	20.294	1.5697	2.8034	1.3415	17.467	1.3989	4.4580

Sample Name: K2551-11DLX2 Acquired: 5/23/2019 14:39:33 Type: Unk
Method: P4-ICP2(v3144) 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	2.5071	7.848	2.6855	<.00000	F<.00000
Stddev	.0015	.023	.0120	.12491	2.0345
%RSD	.06052	.2891	.44681	169.40	2.3039
#1	2.5084	7.874	2.6726	.06913	-88.582
#2	2.5054	7.839	2.6963	-.16232	-90.188
#3	2.5074	7.831	2.6876	-.12804	-86.147
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3598.2	47504.	4513.6	39.938	3180.1
Stddev	5.9	89.	3.0	.967	6.3
%RSD	.16350	.18801	.06637	2.4220	.19868
#1	3598.5	47574.	4510.2	40.500	3172.9
#2	3592.1	47535.	4515.2	38.821	3183.3
#3	3603.9	47403.	4515.6	40.494	3184.2

Sample Name: CCV02 Acquired: 5/23/2019 14:44:00 Type: Unk
Method: P4-ICP2(v3144) 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	4.9805	5.0908	4.9493	5.0550	4.9815	9.8329	9.9183	.25022
Stddev	.0287	.0243	.0156	.0287	.0316	.1237	.1114	.00015
%RSD	.57556	.47774	.31606	.56824	.63427	1.2580	1.1230	.06073
#1	4.9764	5.0793	4.9509	5.0456	4.9784	9.6974	9.8607	.25023
#2	4.9542	5.0742	4.9330	5.0322	4.9516	9.8613	9.8475	.25006
#3	5.0110	5.1187	4.9641	5.0873	5.0145	9.9399	10.047	.25036
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4981	25.548	1.0216	2.4843	1.2454	5.0933	2.5459	24.701
Stddev	.0086	.074	.0020	.0105	.0060	.0140	.0013	.235
%RSD	.34536	.29148	.19553	.42236	.48188	.27475	.05248	.95033
#1	2.4969	25.467	1.0218	2.4813	1.2442	5.0975	2.5450	24.430
#2	2.4901	25.614	1.0195	2.4757	1.2401	5.0777	2.5474	24.824
#3	2.5072	25.562	1.0235	2.4960	1.2519	5.1048	2.5453	24.849
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5228	1.2632	25.332	2.5686	2.4603	24.803	5.0130	5.0208
Stddev	.0084	.0027	.209	.0019	.0106	.172	.0251	.0522
%RSD	.33207	.21511	.82536	.07584	.42995	.69316	.50095	1.0401
#1	2.5213	1.2661	25.162	2.5696	2.4581	24.696	5.0043	4.9615
#2	2.5153	1.2607	25.270	2.5663	2.4509	24.711	4.9933	5.0599
#3	2.5318	1.2627	25.566	2.5699	2.4718	25.001	5.0413	5.0410
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9831	5.2113	4.9949	5.0406	5.0653	5.065	5.0922	F 4.1254
Stddev	.0157	.0650	.0129	.0215	.0263	.017	.0095	.1102
%RSD	.31412	1.2476	.25849	.42734	.51870	.3388	.18551	2.6707
#1	4.9699	5.2763	4.9981	5.0174	5.0937	5.063	5.1030	4.0472
#2	4.9790	5.2114	4.9807	5.0600	5.0603	5.050	5.0885	4.2514
#3	5.0004	5.1463	5.0059	5.0442	5.0418	5.084	5.0853	4.0776

Sample Name: CCV02 Acquired: 5/23/2019 14:44:00 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.7842
Stddev 1.5967
%RSD 57.346

#1 .96678
#2 3.9612
#3 3.4247

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3426.9	44896.	4131.0	40.775	3406.9
Stddev	13.9	62.	44.4	1.542	9.2
%RSD	.40540	.13732	1.0743	3.7823	.26974

#1	3430.6	44847.	4085.4	39.702	3406.9
#2	3438.6	44965.	4133.5	40.080	3416.0
#3	3411.6	44876.	4174.1	42.542	3397.7

Sample Name: CCB02 Acquired: 5/23/2019 14:48:01 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00106	-.00067	-.00057	-.00102	.00390	.00052	.00006
Stddev	.00130	.00054	.00057	.00316	.00094	.01061	.00018	.00001
%RSD	1639.9	50.508	84.620	552.50	91.962	272.10	34.298	18.471

#1	-.00004	.00166	-.00003	.00306	-.00073	-.00625	.00072	.00007
#2	.00120	.00090	-.00110	-.00203	-.00208	.00303	.00040	.00005
#3	-.00140	.00062	-.00087	-.00274	-.00027	.01492	.00043	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00400	.00012	.00000	-.00049	.00171	.00007	-.00773
Stddev	.00004	.00483	.00031	.00018	.00008	.00065	.00004	.01928
%RSD	30.569	120.68	258.60	10605.	16.879	37.856	54.029	249.45

#1	.00014	.00057	.00046	.00020	-.00045	.00133	.00011	.00402
#2	.00015	-.00352	.00004	-.00013	-.00043	.00245	.00003	-.02999
#3	.00008	-.00905	-.00014	-.00007	-.00058	.00134	.00008	.00277

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00017	-.05240	.00050	.00027	.01768	.00045	.00432
Stddev	.00018	.00041	.00692	.00022	.00003	.01692	.00027	.01259
%RSD	169.04	237.40	13.213	43.117	10.191	95.689	61.257	291.46

#1	.00011	.00047	-.05829	.00073	.00030	.01783	.00068	.00720
#2	-.00007	-.00029	-.04477	.00029	.00027	.03452	.00052	.01522
#3	.00029	.00033	-.05415	.00049	.00025	.00069	.00014	-.00946

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00921	.00383	-.00190	.00223	.00008	.0013	.00018	1.9389
Stddev	.00109	.00291	.00025	.00193	.00063	.0003	.00008	.2633
%RSD	11.806	76.063	13.286	86.527	811.64	26.05	44.578	13.579

#1	-.01046	.00425	-.00207	.00241	.00065	.0017	.00027	1.6378
#2	-.00871	.00073	-.00161	.00407	-.00059	.0010	.00015	2.1257
#3	-.00846	.00650	-.00201	.00022	.00017	.0012	.00012	2.0533

Sample Name: CCB02 Acquired: 5/23/2019 14:48:01 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.2137
Stddev	.4556
%RSD	20.582

#1	2.6435
#2	2.2615
#3	1.7360

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3632.3	47531.	4138.6	43.236	3918.0
Stddev	31.3	58.	14.6	.314	38.2
%RSD	.86060	.12234	.35257	.72728	.97591

#1	3605.3	47464.	4147.5	43.386	3893.1
#2	3625.0	47571.	4146.6	42.875	3898.9
#3	3666.5	47557.	4121.8	43.448	3962.0

Sample Name: K2551-11DL2X5 Acquired: 5/23/2019 14:52:29 Type: Unk
Method: P4-ICP2(v3144) 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	.17200	.87991	.60230	1.3365	.12706	44.312	3.1968
Stddev	.00103	.00404	.00153	.0054	.00059	.249	.0248
%RSD	.60068	.45935	.25335	.40538	.46375	.56210	.77624

#1	.17163	.87594	.60067	1.3308	.12687	44.025	3.1682
#2	.17120	.88402	.60255	1.3416	.12773	44.467	3.2121
#3	.17316	.87979	.60369	1.3370	.12660	44.445	3.2102

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .68288	.71390	81.203	.82477	1.0473	.81501	68.455
Stddev	.00108	.00065	.549	.00236	.0022	.00023	.120
%RSD	.15834	.09116	.67631	.28622	.20593	.02810	.17530

#1	.68382	.71419	80.912	.82466	1.0497	.81475	68.570
#2	.68313	.71436	80.861	.82719	1.0465	.81517	68.463
#3	.68170	.71316	81.837	.82247	1.0455	.81511	68.331

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7244	27.391	.20423	.34275	3.2708	1.0871	2.5807
Stddev	.0024	.164	.00075	.00163	.0502	.0013	.0068
%RSD	.08791	.60020	.36889	.47483	1.5356	.11926	.26435

#1	2.7259	27.204	.20341	.34269	3.2145	1.0859	2.5876
#2	2.7255	27.512	.20441	.34441	3.3110	1.0870	2.5804
#3	2.7216	27.456	.20488	.34115	3.2869	1.0884	2.5740

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.4933	.68630	1.1749	.54188	7.8853	.57043	1.9458
Stddev	.0532	.00214	.0082	.00046	.0513	.00213	.0109
%RSD	.62612	.31201	.69956	.08529	.65098	.37395	.55768

#1	8.4381	.68442	1.1823	.54203	7.9385	.56814	1.9343
#2	8.5442	.68586	1.1661	.54136	7.8360	.57082	1.9472
#3	8.4975	.68863	1.1763	.54224	7.8814	.57235	1.9559

Sample Name: K2551-11DL2X5 Acquired: 5/23/2019 14:52:29 Type: Unk
Method: P4-ICP2(v3144) 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	1.0971	3.132	1.1669	2.5110	F<.00000
Stddev	.0064	.017	.0063	.2432	1.8266
%RSD	.58736	.5330	.53768	9.6869	5.4343

#1	1.0951	3.114	1.1646	2.3032	-31.587
#2	1.0919	3.145	1.1620	2.4513	-34.111
#3	1.1043	3.138	1.1739	2.7785	-35.137

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3606.3	46843.	4261.2	41.059	3457.0
Stddev	7.2	132.	39.1	1.528	6.1
%RSD	.20086	.28109	.91743	3.7218	.17732

#1	3598.1	46711.	4222.2	41.220	3450.2
#2	3611.8	46842.	4300.4	42.500	3462.0
#3	3609.0	46975.	4261.0	39.457	3458.9

Sample Name: K2551-11DL3X10 Acquired: 5/23/2019 14:56:43 Type: Unk
Method: P4-ICP2(v3144) 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	.09149	.45673	.30923	.70959	.06614	23.122	1.6725
Stddev	.00019	.00232	.00118	.00305	.00043	.039	.0037
%RSD	.20859	.50782	.38263	.42992	.65343	.17077	.21949

#1	.09169	.45439	.30896	.70862	.06626	23.094	1.6711
#2	.09147	.45679	.31052	.70715	.06650	23.168	1.6767
#3	.09131	.45902	.30821	.71301	.06566	23.105	1.6698

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35705	.36730	42.673	.43377	.54290	.43489	36.709
Stddev	.00089	.00054	.303	.00025	.00191	.00046	.122
%RSD	.24817	.14767	.71088	.05703	.35199	.10608	.33207

#1	.35620	.36748	42.414	.43357	.54166	.43527	36.666
#2	.35797	.36668	42.598	.43405	.54195	.43502	36.847
#3	.35697	.36772	43.007	.43369	.54510	.43438	36.615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4443	14.298	.10423	.17898	1.6825	.57026	1.3224
Stddev	.0015	.106	.00050	.00074	.0261	.00039	.0027
%RSD	.10398	.74398	.47660	.41380	1.5489	.06788	.20073

#1	1.4426	14.277	.10366	.17827	1.6918	.57026	1.3224
#2	1.4450	14.413	.10447	.17893	1.7027	.56988	1.3197
#3	1.4454	14.204	.10456	.17974	1.6531	.57065	1.3250

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3854	.35940	.61415	.27200	4.1322	.28891	1.0156
Stddev	.0379	.00046	.01349	.00440	.0394	.00098	.0084
%RSD	.86332	.12830	2.1964	1.6182	.95445	.33904	.83214

#1	4.3988	.35991	.61549	.27067	4.1138	.28998	1.0065
#2	4.4148	.35926	.62692	.26842	4.1053	.28806	1.0169
#3	4.3427	.35902	.60004	.27692	4.1774	.28870	1.0233

Sample Name: K2551-11DL3X10 Acquired: 5/23/2019 14:56:43 Type: Unk
 Method: P4-ICP2(v3144) 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	.56600	1.584	.61154	2.8889	F<.00000
Stddev	.00203	.005	.00610	.1417	1.1538
%RSD	.35920	.2909	.99820	4.9033	6.3154
#1	.56834	1.582	.60881	2.7741	-19.380
#2	.56463	1.580	.60729	2.8454	-18.354
#3	.56503	1.589	.61854	3.0472	-17.077
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3572.1	46933.	4282.5	43.498	3564.2
Stddev	16.4	106.	38.8	.549	16.2
%RSD	.46015	.22634	.90670	1.2623	.45445
#1	3553.4	46862.	4299.2	42.871	3547.9
#2	3584.3	46882.	4310.1	43.732	3580.2
#3	3578.6	47055.	4238.1	43.892	3564.4

Sample Name: PB119987BL Acquired: 5/23/2019 15:01:02 Type: Unk
Method: P4-ICP2(v3144) 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	.00053	-.00005	-.00087	.00249	-.00171	-.00264	.00109
Stddev	.00119	.00132	.00023	.00152	.00114	.00982	.00020
%RSD	227.16	2865.3	26.697	61.239	66.925	372.08	18.457

#1	.00189	-.00017	-.00113	.00151	-.00078	.00870	.00132
#2	-.00002	-.00130	-.00069	.00424	-.00298	-.00816	.00102
#3	-.00030	.00133	-.00078	.00171	-.00136	-.00846	.00093

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00007	-.01107	.00015	.00010	.00002	.00146
Stddev	.00004	.00006	.01020	.00026	.00020	.00042	.00040
%RSD	62.247	86.585	92.183	175.79	200.80	1971.4	27.509

#1	.00009	.00011	-.02034	-.00014	.00031	.00043	.00159
#2	.00006	.00000	-.01273	.00021	.00009	-.00042	.00101
#3	.00002	.00009	-.00014	.00037	-.00009	.00005	.00178

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.05357	-.00037	.00029	-.05171	.00022	-.00012
Stddev	.00005	.03191	.00026	.00013	.00273	.00017	.00002
%RSD	87.032	59.576	69.231	44.912	5.2777	78.381	14.656

#1	.00011	-.05880	-.00045	.00020	-.04906	.00041	-.00014
#2	.00002	-.08254	-.00057	.00023	-.05451	.00016	-.00011
#3	.00004	-.01936	-.00008	.00044	-.05155	.00008	-.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03276	.00002	.00375	F -.01436	.00086	-.00280	.00062
Stddev	.01990	.00019	.00511	.00381	.00039	.00018	.00049
%RSD	60.734	1076.7	136.40	26.509	45.244	6.5641	79.197

#1	.04016	-.00015	.00596	-.01296	.00121	-.00294	.00110
#2	.01022	-.00002	-.00210	-.01867	.00093	-.00287	.00065
#3	.04790	.00022	.00739	-.01145	.00044	-.00259	.00011

Sample Name: PB119987BL Acquired: 5/23/2019 15:01:02 Type: Unk
 Method: P4-ICP2(v3144) 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	.00085	.0013	.00008	F 2.3514	F 1.9106
Stddev	.00087	.0007	.00004	.3364	.6105
%RSD	102.40	51.13	52.107	14.307	31.955
#1	-.00010	.0007	.00004	2.1228	1.2178
#2	.00104	.0020	.00013	2.1938	2.1439
#3	.00160	.0011	.00008	2.7377	2.3701
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3591.5	47326.	4231.4	43.786	3854.9
Stddev	13.1	66.	15.6	1.269	12.3
%RSD	.36445	.13915	.36906	2.8971	.31861
#1	3578.4	47254.	4246.1	44.084	3842.6
#2	3591.5	47384.	4233.1	42.395	3854.9
#3	3604.6	47338.	4215.0	44.880	3867.2

Sample Name: PB119987BS Acquired: 5/23/2019 15:05:30 Type: Unk
Method: P4-ICP2(v3144) 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	.65033	1.7208	.83099	1.7137	.67300	1.6438	.16990
Stddev	.00269	.0062	.00137	.0045	.00377	.0276	.00178
%RSD	.41427	.36184	.16465	.26323	.55976	1.6782	1.0458

#1	.64731	1.7238	.83253	1.7096	.67388	1.6142	.16917
#2	.65118	1.7250	.83052	1.7130	.66886	1.6485	.16861
#3	.65249	1.7137	.82992	1.7185	.67624	1.6687	.17193

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16954	.16532	.90942	.35659	.16660	.27326	2.6999
Stddev	.00073	.00022	.00257	.00067	.00060	.00122	.0077
%RSD	.42890	.13175	.28274	.18921	.35972	.44820	.28389

#1	.16985	.16556	.90715	.35734	.16682	.27314	2.7080
#2	.17006	.16514	.91221	.35643	.16706	.27211	2.6990
#3	.16871	.16526	.90890	.35602	.16592	.27455	2.6928

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17897	1.6678	.42722	.06324	2.6130	.26644	.16349
Stddev	.00024	.0480	.00071	.00079	.0282	.00024	.00012
%RSD	.13304	2.8779	.16713	1.2550	1.0782	.09020	.07458

#1	.17924	1.6372	.42774	.06390	2.5976	.26671	.16362
#2	.17881	1.6432	.42752	.06346	2.5960	.26638	.16338
#3	.17885	1.7232	.42640	.06236	2.6456	.26624	.16347

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.5590	.34570	.26406	8.5444	.81495	.58348	.17732
Stddev	.0850	.00121	.01180	.0193	.00698	.00264	.00121
%RSD	.99334	.35084	4.4682	.22620	.85671	.45264	.68300

#1	8.4923	.34531	.27394	8.5359	.81620	.58332	.17593
#2	8.5300	.34473	.26724	8.5665	.82122	.58619	.17808
#3	8.6548	.34706	.25099	8.5307	.80742	.58091	.17797

Sample Name: PB119987BS Acquired: 5/23/2019 15:05:30 Type: Unk
 Method: P4-ICP2(v3144) 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	.18199	F 4.724	.17256	F 2.2985	F<.00000
Stddev	.00184	.009	.00085	.0991	.64314
%RSD	1.0095	.1821	.49103	4.3106	52.263

#1	.18049	4.728	.17166	2.2432	-1.8827
#2	.18144	4.730	.17268	2.2394	-.59676
#3	.18404	4.714	.17334	2.4129	-1.2123

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3586.1	46974.	4180.6	43.695	3826.1
Stddev	23.5	229.	16.2	.525	16.8
%RSD	.65488	.48671	.38787	1.2013	.43913

#1	3578.8	46973.	4167.9	43.102	3808.3
#2	3612.3	47203.	4175.0	44.100	3841.6
#3	3567.1	46746.	4198.9	43.884	3828.3

Sample Name: PB119988BL Acquired: 5/23/2019 15:09:35 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119988BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.00085	-.00164	.00144	-.00024	.00473	.00026
Stddev	.00103	.00090	.00052	.00047	.00159	.00323	.00016
%RSD	2353.9	106.19	32.023	32.270	655.15	68.375	59.520

#1	.00078	.00034	-.00218	.00109	.00043	.00845	.00042
#2	.00028	.00032	-.00159	.00197	.00090	.00272	.00027
#3	-.00120	.00190	-.00114	.00126	-.00206	.00300	.00010

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00007	-.00682	.00029	.00003	-.00044	.00077
Stddev	.00005	.00003	.00149	.00037	.00015	.00025	.00087
%RSD	91.278	42.506	21.852	125.78	525.83	56.404	112.24

#1	.00001	.00009	-.00563	.00071	-.00011	-.00069	.00086
#2	.00004	.00004	-.00849	.00015	.00001	-.00044	.00160
#3	.00011	.00009	-.00634	.00002	.00018	-.00019	-.00013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.02979	-.00027	-.00016	-.05228	-.00001	-.00021
Stddev	.00007	.05829	.00059	.00005	.00508	.00032	.00011
%RSD	109.74	195.68	220.76	29.147	9.7170	4430.5	49.553

#1	-.00000	.06817	.00035	-.00020	-.04648	-.00011	-.00017
#2	.00014	-.03729	-.00084	-.00016	-.05591	.00036	-.00014
#3	.00006	.05848	-.00032	-.00011	-.05445	-.00027	-.00034

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02341	-.00015	.01658	F -.01078	-.00180	-.00310	.00226
Stddev	.01922	.00011	.01571	.00122	.00053	.00097	.00139
%RSD	82.102	69.984	94.771	11.359	29.313	31.243	61.257

#1	.04458	-.00004	.03310	-.01051	-.00241	-.00253	.00356
#2	.00708	-.00017	.01481	-.00971	-.00156	-.00255	.00243
#3	.01856	-.00025	.00183	-.01211	-.00145	-.00421	.00080

Sample Name: PB119988BL Acquired: 5/23/2019 15:09:35 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119988BL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00041	.0011	.00004	F 1.8526	F 1.0364
Stddev	.00090	.0016	.00004	.1782	.6023
%RSD	218.46	143.8	87.155	9.6168	58.112
#1	-.00142	.0029	.00002	1.9981	1.5968
#2	.00030	.0001	.00003	1.6539	.39954
#3	-.00011	.0003	.00009	1.9058	1.1129
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3616.8	47368.	4204.1	42.667	3879.7
Stddev	11.5	94.	32.9	.354	6.5
%RSD	.31876	.19842	.78281	.82974	.16883
#1	3630.1	47282.	4166.7	42.366	3887.0
#2	3611.1	47354.	4217.0	42.577	3874.3
#3	3609.2	47468.	4228.6	43.057	3877.7

Sample Name: PB119988BS Acquired: 5/23/2019 15:14:01 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119988BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71154	1.8843	.90817	1.8442	.72459	1.8293	.18987
Stddev	.00517	.0072	.00130	.0050	.00143	.0268	.00195
%RSD	.72703	.37972	.14332	.27140	.19773	1.4634	1.0281

#1	.70769	1.8926	.90686	1.8494	.72406	1.8126	.18765
#2	.71742	1.8805	.90946	1.8438	.72621	1.8150	.19063
#3	.70951	1.8799	.90817	1.8394	.72350	1.8601	.19133

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18098	.18122	1.0174	.39999	.18661	.29550	2.9981
Stddev	.00059	.00032	.0148	.00172	.00018	.00148	.0038
%RSD	.32805	.17603	1.4566	.43054	.09732	.50113	.12654

#1	.18120	.18090	1.0070	.40129	.18681	.29578	2.9942
#2	.18031	.18154	1.0344	.40064	.18648	.29682	2.9981
#3	.18144	.18121	1.0108	.39804	.18653	.29390	3.0018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19823	1.8016	.47595	.06878	2.8919	.30181	.17848
Stddev	.00044	.0585	.00122	.00056	.0384	.00094	.00033
%RSD	.22107	3.2500	.25659	.81224	1.3279	.31123	.18473

#1	.19789	1.7473	.47583	.06924	2.8512	.30106	.17884
#2	.19873	1.8636	.47479	.06894	2.8970	.30150	.17841
#3	.19808	1.7939	.47722	.06816	2.9275	.30286	.17819

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3261	.38459	.29056	F -.01302	.88262	.63593	.19477
Stddev	.1389	.00119	.00467	.00452	.01035	.00076	.00105
%RSD	1.4891	.30837	1.6068	34.721	1.1722	.12023	.53760

#1	9.1686	.38537	.29145	-.00787	.88910	.63532	.19516
#2	9.3782	.38517	.29473	-.01634	.88807	.63679	.19358
#3	9.4313	.38322	.28552	-.01485	.87068	.63569	.19556

Sample Name: PB119988BS Acquired: 5/23/2019 15:14:01 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119988BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20402	5.181	.19333	F 2.2040	F<.00000
Stddev	.00120	.009	.00064	.2411	1.7124
%RSD	.58645	.1696	.32969	10.938	58.120
#1	.20267	5.190	.19268	2.0247	-4.5587
#2	.20444	5.172	.19396	2.1093	-3.1313
#3	.20495	5.179	.19334	2.4780	-1.1489
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3566.8	47234.	4183.1	42.281	3774.1
Stddev	21.4	153.	51.3	1.783	16.4
%RSD	.60031	.32305	1.2263	4.2160	.43462
#1	3551.0	47107.	4137.1	40.548	3758.1
#2	3558.2	47191.	4173.7	44.109	3773.3
#3	3591.2	47403.	4238.4	42.186	3790.8

Sample Name: K2962-10 Acquired: 5/23/2019 15:18:07 Type: Unk
Method: P4-ICP2(v3144) 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	-.01536	-.01552	.34759	-.03309	.01928	286.01	1.6275
Stddev	.00345	.00257	.00153	.00240	.00162	1.82	.0111
%RSD	22.493	16.556	.44089	7.2526	8.4233	.63492	.68208

#1	-.01159	-.01256	.34936	-.03075	.02112	283.97	1.6148
#2	-.01838	-.01711	.34666	-.03554	.01869	286.62	1.6328
#3	-.01610	-.01690	.34674	-.03299	.01804	287.44	1.6349

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03879	.01811	17.113	.45374	.44789	.81600	372.23
Stddev	.00045	.00019	.041	.00069	.00018	.00066	1.61
%RSD	1.1631	1.0578	.23740	.15109	.04074	.08104	.43200

#1	.03843	.01813	17.137	.45418	.44809	.81659	371.21
#2	.03864	.01791	17.066	.45409	.44774	.81529	374.08
#3	.03930	.01829	17.136	.45295	.44784	.81614	371.40

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.153	176.17	.87444	-.05990	4.3703	.55708	2.1449
Stddev	.066	1.26	.00196	.00034	.0244	.00101	.0052
%RSD	.54012	.71581	.22452	.56832	.55791	.18192	.24310

#1	12.169	174.76	.87365	-.05998	4.3428	.55599	2.1390
#2	12.081	177.20	.87668	-.05952	4.3894	.55725	2.1466
#3	12.210	176.56	.87300	-.06018	4.3788	.55800	2.1490

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.657	-.00026	.67182	.64157	2.7828	.02769	6.9115
Stddev	.117	.00046	.00943	.00459	.0080	.00090	.0235
%RSD	.25151	180.20	1.4032	.71507	.28842	3.2500	.34027

#1	46.550	-.00031	.68123	.63670	2.7845	.02802	6.9084
#2	46.638	-.00069	.67187	.64582	2.7741	.02838	6.8897
#3	46.783	.00023	.66237	.64218	2.7899	.02668	6.9364

Sample Name: K2962-10 Acquired: 5/23/2019 15:18:07 Type: Unk
 Method: P4-ICP2(v3144) 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	1.1238	4.243	-.25681	<.00000	F<.00000
Stddev	.0048	.016	.00169	.18855	.52765
%RSD	.42615	.3704	.65721	1.7254	.25180
#1	1.1237	4.225	-.25608	-10.742	-210.03
#2	1.1191	4.251	-.25874	-11.119	-208.99
#3	1.1287	4.253	-.25561	-10.922	-209.63
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4225.7	55535.	5398.2	41.938	3023.2
Stddev	11.3	91.	19.5	.510	3.1
%RSD	.26703	.16457	.36175	1.2152	.10118
#1	4213.8	55641.	5380.2	41.537	3021.2
#2	4236.3	55491.	5419.0	41.765	3026.8
#3	4226.9	55475.	5395.5	42.512	3021.8

Sample Name: K2964-04 Acquired: 5/23/2019 15:22:40 Type: Unk
Method: P4-ICP2(v3144) 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	-.03875	-.00298	.01934	.00788	.03020	.00136
Stddev	.00208	.00089	.00039	.00323	.00186	.00695	.00022
%RSD	95.980	2.3044	13.137	16.726	23.613	22.995	16.109

#1	.00331	-.03931	-.00331	.02191	.00667	.03763	.00111
#2	-.00023	-.03922	-.00254	.02039	.00694	.02911	.00151
#3	.00342	-.03772	-.00308	.01571	.01002	.02387	.00147

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00020	.84285	.00026	.00017	.00420	3.8808
Stddev	.00002	.00003	.01431	.00013	.00005	.00024	.0220
%RSD	24.134	14.351	1.6976	49.628	29.264	5.6669	.56593

#1	.00012	-.00016	.82678	.00033	.00019	.00400	3.8618
#2	.00011	-.00021	.85422	.00034	.00019	.00413	3.9049
#3	.00007	-.00022	.84755	.00011	.00011	.00446	3.8759

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03521	.13075	.00092	-.00006	3.1717	.00025	.00846
Stddev	.00038	.02954	.00024	.00030	.0092	.00022	.00008
%RSD	1.0769	22.593	26.092	481.76	.29154	87.849	.89140

#1	.03538	.10671	.00092	-.00012	3.1640	.00043	.00838
#2	.03547	.16373	.00115	-.00033	3.1692	.00001	.00847
#3	.03477	.12180	.00067	.00026	3.1820	.00031	.00854

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.996	.00013	.21603	1.1131	.06776	.00780	.00229
Stddev	.123	.00019	.01043	.0065	.00531	.00013	.00113
%RSD	.64561	142.67	4.8263	.58730	7.8355	1.6130	49.197

#1	18.951	.00008	.21676	1.1056	.07389	.00774	.00330
#2	18.902	.00034	.22606	1.1160	.06456	.00771	.00249
#3	19.135	-.00003	.20525	1.1176	.06484	.00794	.00107

Sample Name: K2964-04 Acquired: 5/23/2019 15:22:40 Type: Unk
 Method: P4-ICP2(v3144) 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	-.00476	.2620	-.00344	2.2125	F<.00000
Stddev	.00159	.0042	.00011	.0979	1.0117
%RSD	33.315	1.600	3.1717	4.4256	9.1062
#1	-.00618	.2586	-.00341	2.1607	-12.265
#2	-.00305	.2667	-.00356	2.3255	-10.690
#3	-.00505	.2607	-.00334	2.1514	-10.377
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3494.4	48129.	4620.0	46.481	4067.5
Stddev	12.1	163.	29.2	1.740	9.8
%RSD	.34607	.33924	.63302	3.7428	.24080
#1	3482.3	48137.	4616.0	47.163	4077.2
#2	3506.5	47961.	4592.9	44.503	4067.6
#3	3494.4	48287.	4651.0	47.776	4057.6

Sample Name: K2964-05 Acquired: 5/23/2019 15:27:06 Type: Unk
 Method: P4-ICP2(v3144) 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	-.00371	-.00042	.08143	.01119	.01994	14.162	.13853
Stddev	.00085	.00125	.00167	.00116	.00165	.073	.00083
%RSD	22.908	298.77	2.0457	10.329	8.2836	.51429	.60166

#1	-.00402	-.00121	.07964	.01246	.02058	14.088	.13833
#2	-.00275	.00102	.08294	.01093	.01807	14.233	.13944
#3	-.00436	-.00106	.08172	.01019	.02118	14.164	.13781

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00682	-.00202	145.12	.04692	.03829	.77443	158.70
Stddev	.00006	.00005	.39	.00082	.00020	.00155	.46
%RSD	.87620	2.4282	.26562	1.7410	.51515	.19971	.28903

#1	.00677	-.00201	145.02	.04783	.03806	.77590	158.26
#2	.00680	-.00207	144.80	.04671	.03835	.77457	159.17
#3	.00689	-.00198	145.55	.04624	.03844	.77282	158.67

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7876	34.823	.16721	-.01199	689.06	.13202	3.4121
Stddev	.0047	.187	.00193	.00050	5.04	.00039	.0070
%RSD	.26316	.53827	1.1532	4.1417	.73137	.29450	.20424

#1	1.7888	34.772	.16501	-.01242	684.91	.13193	3.4041
#2	1.7916	35.030	.16859	-.01145	694.67	.13169	3.4170
#3	1.7824	34.666	.16803	-.01209	687.60	.13245	3.4152

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.975	.01509	.21188	F 31.503	F 26.034	.00927	.31186
Stddev	.080	.00023	.02431	.033	.020	.00120	.00389
%RSD	.66751	1.5184	11.474	.10571	.07601	12.916	1.2484

#1	11.889	.01534	.19782	31.528	26.056	.01064	.30795
#2	11.988	.01503	.19787	31.517	26.017	.00840	.31189
#3	12.047	.01489	.23995	31.465	26.029	.00879	.31574

Sample Name: K2964-05 Acquired: 5/23/2019 15:27:06 Type: Unk
Method: P4-ICP2(v3144) 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	.03029	3.926	.37913	3.1195	F<.00000
Stddev	.00173	.014	.00081	.2032	.31434
%RSD	5.7051	.3471	.21414	6.5138	30.568

#1	.03028	3.941	.37983	2.9284	-1.3321
#2	.02856	3.924	.37824	3.3330	-1.0485
#3	.03202	3.914	.37931	3.0973	-.70442

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3268.4	42383.	4293.0	39.132	2889.5
Stddev	16.7	279.	15.5	.587	11.8
%RSD	.51079	.65745	.36012	1.5011	.40677

#1	3250.0	42177.	4277.7	38.755	2880.9
#2	3272.6	42272.	4292.7	39.809	2884.6
#3	3282.6	42700.	4308.6	38.832	2902.9

Sample Name: K2966-08 Acquired: 5/23/2019 15:31:36 Type: Unk
Method: P4-ICP2(v3144) 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	.00260	-.00062	-.00191	.00075	-.00014	.00312	.00074	.00007
Stddev	.00136	.00098	.00030	.00075	.00112	.00516	.00031	.00001
%RSD	52.363	157.47	15.451	100.43	789.19	165.12	41.660	7.8801

#1	.00249	-.00092	-.00215	.00154	-.00057	-.00108	.00101	.00006
#2	.00402	.00047	-.00158	.00067	.00113	.00157	.00081	.00007
#3	.00130	-.00141	-.00200	.00004	-.00099	.00888	.00040	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00796	.00037	.00005	-.00104	.01330	.00015	.01297
Stddev	.00004	.01034	.00036	.00022	.00020	.00119	.00001	.02164
%RSD	39.100	129.92	96.797	443.60	19.418	8.9092	8.0975	166.83

#1	.00008	-.00398	.00075	.00004	-.00127	.01459	.00016	.03486
#2	.00009	.01362	.00003	-.00017	-.00090	.01306	.00015	.01247
#3	.00016	.01425	.00033	.00027	-.00096	.01226	.00014	-.00842

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00039	.00005	.13319	.00014	.00735	.04781	-.00005	.01097
Stddev	.00016	.00030	.01362	.00042	.00012	.01874	.00006	.01257
%RSD	42.198	587.48	10.224	292.43	1.5727	39.210	125.83	114.57

#1	.00027	.00040	.14823	.00030	.00744	.03505	-.00005	.00190
#2	.00033	-.00014	.12967	-.00034	.00741	.03904	.00001	.00569
#3	.00058	-.00010	.12168	.00047	.00722	.06933	-.00011	.02533

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.00095	-.00445	.00086	-.00276	.0009	.00013	.33321
Stddev	.00052	.00110	.00067	.00112	.00021	.0008	.00004	.37220
%RSD	359.20	115.74	14.988	129.90	7.7367	91.87	26.420	111.70

#1	.00022	.00025	-.00399	.00213	-.00300	.0018	.00009	-.09146
#2	-.00073	-.00191	-.00415	.00048	-.00265	.0008	.00016	.48833
#3	.00009	-.00118	-.00522	-.00001	-.00262	.0002	.00015	.60277

Sample Name: K2966-08 Acquired: 5/23/2019 15:31:36 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.7532
Stddev .6112
%RSD 34.863

#1 2.4290
#2 1.2390
#3 1.5915

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3761.3	49966.	4424.1	47.442	4104.8
Stddev	12.0	191.	6.1	1.495	12.0
%RSD	.31799	.38264	.13788	3.1523	.29203

#1	3773.5	50036.	4418.7	48.875	4116.0
#2	3749.6	50113.	4430.7	47.559	4092.2
#3	3761.0	49750.	4422.8	45.891	4106.0

Sample Name: CCV03 Acquired: 5/23/2019 15:36:04 Type: Unk
Method: P4-ICP2(v3144) 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	4.9934	5.0822	4.8922	5.1124	4.9861	9.9583	10.074	.24924
Stddev	.0139	.0076	.0067	.0226	.0119	.0715	.102	.00123
%RSD	.27770	.14965	.13627	.44222	.23802	.71813	1.0166	.49186
#1	5.0084	5.0869	4.8968	5.1384	4.9997	9.8796	10.050	.24878
#2	4.9910	5.0863	4.8846	5.1007	4.9810	9.9758	9.9859	.24831
#3	4.9810	5.0734	4.8953	5.0980	4.9777	10.019	10.186	.25063
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4803	25.378	1.0194	2.4699	1.2370	5.0746	2.5286	24.542
Stddev	.0024	.204	.0052	.0006	.0011	.0107	.0075	.278
%RSD	.09544	.80246	.50932	.02548	.08603	.21003	.29529	1.1336
#1	2.4812	25.143	1.0179	2.4703	1.2383	5.0650	2.5240	24.240
#2	2.4822	25.482	1.0150	2.4692	1.2363	5.0727	2.5246	24.597
#3	2.4777	25.507	1.0251	2.4702	1.2365	5.0861	2.5372	24.788
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5280	1.2679	25.465	2.5783	2.4538	25.231	4.9872	5.0771
Stddev	.0039	.0044	.144	.0089	.0040	.105	.0058	.0481
%RSD	.15595	.34479	.56479	.34308	.16509	.41617	.11685	.94690
#1	2.5319	1.2658	25.359	2.5731	2.4579	25.151	4.9921	5.0312
#2	2.5240	1.2649	25.406	2.5732	2.4536	25.193	4.9887	5.0730
#3	2.5281	1.2729	25.628	2.5885	2.4498	25.350	4.9807	5.1271
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0323	5.0296	4.9776	5.0185	5.0793	5.145	5.0982	F 4.2816
Stddev	.0210	.0101	.0012	.0359	.0090	.003	.0132	.1733
%RSD	.41633	.20078	.02375	.71559	.17709	.0613	.25918	4.0476
#1	5.0353	5.0364	4.9788	4.9806	5.0691	5.143	5.0836	4.1102
#2	5.0516	5.0343	4.9764	5.0231	5.0863	5.144	5.1018	4.4568
#3	5.0100	5.0180	4.9776	5.0520	5.0825	5.149	5.1092	4.2777

Sample Name: CCV03 Acquired: 5/23/2019 15:36:04 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .41347
Stddev	.33602
%RSD	81.267

#1	.34395
#2	.11765
#3	.77882

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3424.3	44649.	4180.2	42.806	3400.8
Stddev	14.6	96.	7.7	1.566	13.5
%RSD	.42578	.21564	.18338	3.6579	.39638

#1	3408.7	44699.	4173.7	41.723	3387.0
#2	3426.5	44710.	4178.3	44.601	3401.3
#3	3437.6	44538.	4188.7	42.093	3414.0

Sample Name: CCB03 Acquired: 5/23/2019 15:40:06 Type: Unk
Method: P4-ICP2(v3144) 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	.00197	.00208	-.00032	.00487	-.00024	.00269	.00085	.00006
Stddev	.00122	.00057	.00091	.00169	.00069	.00366	.00020	.00002
%RSD	61.674	27.280	286.60	34.624	284.01	136.08	23.085	38.126

#1	.00066	.00172	.00038	.00360	-.00013	.00348	.00107	.00008
#2	.00219	.00273	.00002	.00423	.00038	-.00130	.00079	.00006
#3	.00307	.00177	-.00135	.00678	-.00098	.00589	.00069	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00062	.00037	.00001	-.00039	.00176	.00007	-.04095
Stddev	.00001	.00543	.00031	.00015	.00010	.00093	.00003	.04039
%RSD	19.497	874.01	84.207	1783.1	25.685	52.866	35.657	98.651

#1	.00008	.00100	.00023	-.00012	-.00029	.00278	.00004	-.01951
#2	.00006	.00585	.00015	.00017	-.00049	.00096	.00009	-.01579
#3	.00007	-.00498	.00073	-.00003	-.00039	.00154	.00008	-.08754

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00021	-.00006	.01428	.00009	-.00023	.06081	.00053	.00561
Stddev	.00034	.00016	.00201	.00009	.00008	.02605	.00043	.01807
%RSD	159.32	290.23	14.100	96.938	35.086	42.834	80.947	321.86

#1	.00000	-.00004	.01661	.00008	-.00014	.03444	.00082	.02179
#2	-.00061	-.00022	.01312	.00001	-.00028	.08652	.00074	-.01389
#3	-.00004	.00010	.01312	.00018	-.00027	.06146	.00004	.00895

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00512	.00088	-.00158	.00254	.00169	.0005	.00022	F 2.3242
Stddev	.00410	.00224	.00078	.00047	.00152	.0016	.00005	.3025
%RSD	80.063	254.02	49.256	18.545	90.171	321.7	20.832	13.017

#1	-.00039	.00335	-.00159	.00277	.00131	-.0009	.00020	2.0109
#2	-.00726	.00033	-.00079	.00285	.00336	.0023	.00027	2.6147
#3	-.00770	-.00103	-.00235	.00200	.00039	.0001	.00019	2.3471

Sample Name: CCB03 Acquired: 5/23/2019 15:40:06 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0646
Stddev	1.1883
%RSD	111.62

#1	.18017
#2	.59821
#3	2.4153

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3631.6	47519.	4234.9	42.377	3869.0
Stddev	15.1	302.	6.6	.646	18.4
%RSD	.41677	.63596	.15693	1.5251	.47449

#1	3619.9	47471.	4231.3	43.118	3858.8
#2	3626.1	47243.	4230.9	41.930	3858.0
#3	3648.6	47842.	4242.6	42.084	3890.2

Sample Name: K2902-06 Acquired: 5/23/2019 15:44:35 Type: Unk
Method: P4-ICP2(v3144) 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	-.00215	-.00014	-.00270	.00503	-.00036	.77514	.03851	.00034
Stddev	.00096	.00096	.00065	.00194	.00115	.02246	.00013	.00003
%RSD	44.492	668.12	24.201	38.633	318.34	2.8970	.32762	8.2674
#1	-.00107	.00048	-.00203	.00396	-.00122	.77125	.03837	.00031
#2	-.00289	-.00125	-.00333	.00727	.00095	.75489	.03860	.00037
#3	-.00249	.00034	-.00273	.00386	-.00081	.79929	.03856	.00034
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	20.562	.00866	.00070	.01095	7.6497	.08428	4.8178
Stddev	.00007	.200	.00028	.00002	.00010	.0202	.00064	.0462
%RSD	43.136	.97126	3.2861	2.2110	.86836	.26457	.76452	.95869
#1	-.00009	20.560	.00892	.00068	.01092	7.6267	.08485	4.7830
#2	-.00018	20.762	.00872	.00070	.01087	7.6647	.08358	4.8702
#3	-.00024	20.363	.00836	.00071	.01106	7.6577	.08442	4.8002
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00558	-.00047	10.903	.00225	.08510	8.0193	.00188	.05289
Stddev	.00027	.00011	.017	.00028	.00020	.0536	.00017	.00539
%RSD	4.7930	22.674	.15955	12.447	.23663	.66820	9.2881	10.192
#1	.00557	-.00060	10.883	.00254	.08491	7.9699	.00173	.04767
#2	.00585	-.00040	10.909	.00224	.08507	8.0118	.00207	.05256
#3	.00531	-.00042	10.916	.00198	.08531	8.0763	.00184	.05843
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.8461	F 34.269	-.00500	.02436	.03970	2.190	.19523	3.9206
Stddev	.0119	.385	.00049	.00194	.00107	.001	.00211	.1480
%RSD	.13468	1.1229	9.7470	7.9563	2.7061	.0221	1.0790	3.7746
#1	8.8586	34.504	-.00497	.02330	.03846	2.190	.19541	3.7669
#2	8.8348	34.477	-.00550	.02318	.04027	2.189	.19724	4.0621
#3	8.8449	33.825	-.00453	.02659	.04036	2.190	.19304	3.9329

Sample Name: K2902-06 Acquired: 5/23/2019 15:44:35 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.10396
Stddev	1.2878
%RSD	1238.8

#1	1.5003
#2	-1.0371
#3	-.15131

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3508.1	46545.	4241.7	42.681	3715.3
Stddev	12.5	238.	61.7	.105	11.5
%RSD	.35707	.51059	1.4539	.24638	.30904

#1	3493.7	46273.	4195.1	42.638	3702.1
#2	3515.2	46650.	4218.4	42.604	3722.9
#3	3515.5	46712.	4311.6	42.801	3720.9

Sample Name: LR CHECK 1 Acquired: 5/23/2019 16:01:04 Type: Unk
Method: P4-ICP2(v3144) 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	-.11772	.05185	.00876	-.38134	.07453	1838.8	.00858	.07339
Stddev	.00527	.00534	.00468	.00738	.00255	11.1	.00052	.00016
%RSD	4.4789	10.308	53.414	1.9347	3.4234	.60556	6.1006	.21718

#1	-.11539	.05747	.01266	-.38986	.07346	1835.9	.00803	.07323
#2	-.11402	.05124	.00357	-.37702	.07745	1851.1	.00864	.07339
#3	-.12376	.04683	.01006	-.37715	.07269	1829.4	.00907	.07355

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10872	1692.9	-.12250	.08751	1.7325	973.75	-.01474	1865.3
Stddev	.00135	8.8	.00127	.00032	.0086	5.40	.00025	5.0
%RSD	1.2379	.52132	1.0329	.36950	.49857	.55481	1.7224	.26814

#1	.10842	1696.4	-.12184	.08743	1.7271	969.41	-.01493	1864.6
#2	.10755	1699.4	-.12396	.08786	1.7278	979.80	-.01483	1870.6
#3	.11019	1682.8	-.12170	.08723	1.7424	972.04	-.01445	1860.7

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08310	-.29400	1963.6	.01113	.14738	909.45	-.03082	-.22186
Stddev	.00215	.00016	8.7	.00040	.00152	5.61	.00106	.00009
%RSD	2.5927	.05380	.44127	3.6286	1.0308	.61698	3.4425	.04053

#1	.08157	-.29415	1968.8	.01153	.14901	905.61	-.03077	-.22189
#2	.08216	-.29402	1968.3	.01072	.14600	915.89	-.03190	-.22176
#3	.08556	-.29383	1953.6	.01115	.14713	906.86	-.02978	-.22193

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60351	-.00043	.06534	-.04958	.09070	.2203	-1.0565	<.00000
Stddev	.00908	.00457	.00272	.00054	.00027	.0068	.0059	.32881
%RSD	1.5051	1073.0	4.1646	1.0987	.30283	3.089	.55727	3.8066

#1	.61351	.00474	.06848	-.04946	.09067	.2227	-1.0518	-8.2806
#2	.60127	-.00393	.06373	-.04909	.09045	.2256	-1.0631	-8.9278
#3	.59576	-.00209	.06380	-.05017	.09099	.2126	-1.0545	-8.7052

Sample Name: LR CHECK 1 Acquired: 5/23/2019 16:01:04 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

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

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

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2385.7	31189.	3524.4	33.714	1816.1
Stddev	11.4	137.	7.8	1.292	7.2
%RSD	.47738	.44017	.22121	3.8325	.39833

#1	2391.9	31214.	3528.3	35.173	1821.4
#2	2392.6	31041.	3515.4	33.252	1819.0
#3	2372.6	31312.	3529.5	32.716	1807.9

Sample Name: LR CHRCK 2 Acquired: 5/23/2019 16:06:02 Type: Unk
Method: P4-ICP2(v3144) 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	-.00013	-.00560	234.18	.02739	-.02968	-.20194	107.43	-.00117
Stddev	.00146	.00135	.67	.00155	.00281	.00129	.66	.00005
%RSD	1089.5	24.035	.28623	5.6670	9.4602	.63822	.60981	3.8973

#1	.00155	-.00465	234.24	.02864	-.03025	-.20341	106.68	-.00121
#2	-.00100	-.00714	234.81	.02787	-.03217	-.20101	107.77	-.00112
#3	-.00096	-.00501	233.47	.02565	-.02664	-.20141	107.85	-.00118

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00614	.23315	-.13137	-.00088	245.29	-.69814	41.798	.13228
Stddev	.00005	.02162	.00063	.00002	1.26	.00256	.091	.00679
%RSD	.77932	9.2716	.47856	1.7536	.51466	.36705	.21773	5.1349

#1	-.00614	.24697	-.13084	-.00089	246.40	-.69525	41.705	.12604
#2	-.00609	.24424	-.13206	-.00090	245.56	-.69905	41.887	.13951
#3	-.00619	.20824	-.13120	-.00087	243.91	-.70013	41.801	.13128

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.414	.00678	.83715	-.19870	33.013	1.5658	-.00838	.00949
Stddev	.182	.00042	.04259	.00127	.232	.0294	.00013	.01071
%RSD	.36113	6.2544	5.0872	.64011	.70201	1.8767	1.5978	112.89

#1	50.557	.00708	.78968	-.19887	32.780	1.5676	-.00841	.00094
#2	50.476	.00629	.84978	-.19735	33.244	1.5942	-.00823	.00602
#3	50.209	.00696	.87200	-.19988	33.014	1.5355	-.00849	.02151

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13493	.00296	-.00150	.02197	-.00270	.3008	.00240	4.9970
Stddev	.00293	.00105	.00025	.00110	.00066	.0009	.00009	.1563
%RSD	2.1742	35.651	16.666	4.9884	24.399	.2987	3.5688	3.1281

#1	.13181	.00323	-.00178	.02311	-.00215	.2999	.00247	4.9676
#2	.13763	.00385	-.00144	.02093	-.00253	.3008	.00231	5.1660
#3	.13535	.00180	-.00129	.02188	-.00343	.3017	.00243	4.8575

Sample Name: LR CHRCK 2 Acquired: 5/23/2019 16:06:02 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .88793
Stddev 1.1797
%RSD 132.86

#1 -.39404
#2 1.1301
#3 1.9277

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3328.8	47154.	4211.3	42.374	3531.9
Stddev	1.8	106.	22.1	.330	7.9
%RSD	.05331	.22507	.52370	.77791	.22309

#1	3328.7	47250.	4195.3	42.673	3538.6
#2	3327.1	47040.	4202.3	42.430	3523.2
#3	3330.6	47171.	4236.5	42.020	3534.0

Sample Name: PB120002BS Acquired: 5/23/2019 16:11:53 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119987BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.65842	1.7560	.85382	1.7240	.67381	1.6687	.17427
Stddev	.00093	.0040	.00506	.0081	.00250	.0273	.00193
%RSD	.14185	.22657	.59301	.46878	.37129	1.6370	1.1072

#1	.65790	1.7564	.85967	1.7333	.67323	1.6724	.17291
#2	.65949	1.7518	.85079	1.7189	.67166	1.6396	.17342
#3	.65785	1.7597	.85101	1.7197	.67656	1.6939	.17648

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17083	.16574	.91802	.36030	.16972	.27556	2.7546
Stddev	.00073	.00015	.02457	.00102	.00026	.00012	.0053
%RSD	.43006	.09148	2.6760	.28433	.15305	.04443	.19385

#1	.17005	.16578	.91007	.35972	.16994	.27570	2.7486
#2	.17092	.16557	.89841	.35969	.16978	.27549	2.7590
#3	.17151	.16587	.94558	.36148	.16943	.27548	2.7560

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18202	1.6554	.43520	.06266	3.1045	.27220	.16836
Stddev	.00115	.0594	.00112	.00036	.0760	.00131	.00057
%RSD	.63434	3.5863	.25737	.56889	2.4468	.48169	.33613

#1	.18118	1.6165	.43588	.06227	3.0328	.27209	.16901
#2	.18155	1.7237	.43390	.06298	3.0966	.27094	.16808
#3	.18334	1.6259	.43580	.06272	3.1841	.27356	.16798

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.9944	.34838	.25233	F 7.4215	.82003	.59440	.18163
Stddev	.0759	.00086	.00190	.0125	.00175	.00219	.00305
%RSD	.84400	.24637	.75299	.16871	.21345	.36923	1.6791

#1	8.9819	.34799	.25337	7.4084	.81994	.59476	.17814
#2	8.9256	.34778	.25014	7.4228	.82182	.59205	.18296
#3	9.0758	.34936	.25348	7.4334	.81832	.59640	.18379

Sample Name: PB120002BS Acquired: 5/23/2019 16:11:53 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119987BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18506	4.856	.17545	F 3.2415	F<.00000
Stddev	.00111	.014	.00063	.1614	.98379
%RSD	.59803	.2890	.36083	4.9783	55.941
#1	.18626	4.866	.17542	3.0561	-2.8603
#2	.18408	4.840	.17483	3.3183	-.96790
#3	.18486	4.862	.17610	3.3502	-1.4477
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3592.8	47114.	4209.4	44.492	3804.3
Stddev	9.0	150.	19.6	1.042	13.4
%RSD	.25073	.31802	.46535	2.3425	.35199
#1	3582.9	47006.	4194.9	44.409	3789.7
#2	3600.6	47285.	4201.7	43.493	3816.0
#3	3594.9	47050.	4231.7	45.573	3807.2

Sample Name: K2647-11 Acquired: 5/23/2019 16:29:24 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-052219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02017	-.01933	.53645	-.01690	.01045	146.34	.72397
Stddev	.00154	.00139	.00286	.00095	.00100	.94	.00310
%RSD	7.6240	7.1726	.53259	5.6145	9.5450	.64195	.42863

#1	.02186	-.02073	.53922	-.01596	.01101	145.25	.72046
#2	.01980	-.01931	.53661	-.01786	.00929	146.95	.72635
#3	.01886	-.01795	.53351	-.01688	.01103	146.81	.72510

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02249	.01233	48.358	.17595	.26162	.85740	291.28
Stddev	.00016	.00033	.416	.00061	.00006	.00072	1.18
%RSD	.69232	2.6976	.85989	.34776	.02125	.08446	.40350

#1	.02237	.01264	48.332	.17528	.26167	.85691	291.81
#2	.02267	.01198	47.956	.17647	.26165	.85705	292.10
#3	.02243	.01237	48.786	.17611	.26156	.85823	289.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.7872	51.539	.28502	-.04423	12.199	1.0671	.92390
Stddev	.0191	.088	.00087	.00029	.029	.0002	.00152
%RSD	.28150	.17124	.30669	.65578	.23436	.02130	.16425

#1	6.7860	51.443	.28494	-.04418	12.172	1.0671	.92561
#2	6.7688	51.618	.28419	-.04396	12.229	1.0668	.92272
#3	6.8069	51.555	.28593	-.04454	12.194	1.0673	.92338

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3025	.00243	.30405	5.3556	2.2897	.03073	6.2692
Stddev	.0293	.00039	.00881	.0115	.0549	.00136	.0389
%RSD	.40086	15.958	2.8984	.21515	2.3981	4.4317	.61992

#1	7.2720	.00286	.29487	5.3430	2.2868	.03006	6.2487
#2	7.3303	.00211	.31244	5.3657	2.2363	.03230	6.2449
#3	7.3052	.00233	.30484	5.3581	2.3460	.02984	6.3140

Sample Name: K2647-11 Acquired: 5/23/2019 16:29:24 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-052219 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12704	8.712	-.15295	<.00000	F<.00000
Stddev	.00096	.020	.00241	.32349	2.3828
%RSD	.75440	.2310	1.5744	2.7332	1.7895
#1	.12594	8.708	-.15400	-11.580	-135.21
#2	.12749	8.734	-.15465	-12.199	-130.54
#3	.12770	8.694	-.15019	-11.729	-133.71
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4651.7	61423.	5931.6	42.210	3218.7
Stddev	4.5	120.	44.5	1.057	4.4
%RSD	.09581	.19565	.75022	2.5046	.13585
#1	4655.4	61339.	5903.6	41.697	3222.3
#2	4653.0	61368.	5983.0	43.426	3220.0
#3	4646.8	61560.	5908.4	41.507	3213.8

Sample Name: K2902-07 Acquired: 5/23/2019 16:36:09 Type: Unk
 Method: P4-ICP2(v3144) 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	.78792	2.0238	.96679	2.0238	.79662	4.2244	.25325
Stddev	.00097	.0043	.00116	.0063	.00183	.0326	.00112
%RSD	.12248	.21058	.12044	.31317	.22937	.77208	.44084

#1	.78862	2.0234	.96660	2.0303	.79724	4.1868	.25234
#2	.78682	2.0198	.96574	2.0234	.79805	4.2413	.25450
#3	.78831	2.0283	.96804	2.0177	.79456	4.2451	.25293

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20011	.19517	19.706	.44175	.20399	.32692	11.237
Stddev	.00068	.00085	.313	.00133	.00055	.00069	.040
%RSD	.34059	.43344	1.5870	.30126	.27030	.21153	.35240

#1	.19969	.19582	19.346	.44034	.20393	.32745	11.203
#2	.20089	.19547	19.877	.44298	.20348	.32614	11.280
#3	.19973	.19421	19.897	.44193	.20457	.32719	11.228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29155	6.6914	.51922	.07223	12.924	.33655	.23751
Stddev	.00091	.0712	.00132	.00053	.066	.00080	.00032
%RSD	.31301	1.0642	.25450	.73986	.50931	.23793	.13583

#1	.29069	6.6282	.51948	.07161	12.851	.33563	.23721
#2	.29251	6.6773	.51780	.07255	12.979	.33693	.23748
#3	.29146	6.7685	.52040	.07253	12.942	.33709	.23785

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.687	.42163	.35120	7.7774	F 36.473	.70750	.24413
Stddev	.032	.00037	.00586	.0111	.313	.00039	.00312
%RSD	.18111	.08686	1.6692	.14319	.85752	.05467	1.2797

#1	17.708	.42148	.34891	7.7742	36.117	.70745	.24064
#2	17.702	.42136	.34683	7.7682	36.707	.70714	.24506
#3	17.650	.42204	.35786	7.7898	36.593	.70791	.24668

Sample Name: K2902-07 Acquired: 5/23/2019 16:36:09 Type: Unk
 Method: P4-ICP2(v3144) 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	.25286	7.762	.38791	4.3840	F<.00000
Stddev	.00235	.009	.00516	.0758	.77498
%RSD	.93103	.1112	1.3296	1.7289	29.935
#1	.25014	7.766	.38198	4.3845	-3.0317
#2	.25426	7.752	.39134	4.4596	-3.0410
#3	.25418	7.769	.39041	4.3080	-1.6941
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.5	46119.	4210.1	44.544	3644.8
Stddev	8.8	134.	30.4	1.407	6.3
%RSD	.25257	.29128	.72246	3.1577	.17318
#1	3482.4	46037.	4243.1	44.933	3639.2
#2	3486.7	46045.	4183.3	42.984	3643.4
#3	3499.4	46274.	4203.9	45.715	3651.6

Sample Name: K2902-08 Acquired: 5/23/2019 16:40:13 Type: Unk
Method: P4-ICP2(v3144) 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	.78049	2.0213	.96561	2.0198	.79744	4.2376	.25125
Stddev	.00469	.0042	.00198	.0042	.00143	.0330	.00119
%RSD	.60098	.20629	.20469	.20552	.17919	.77926	.47358

#1	.77530	2.0169	.96338	2.0151	.79667	4.2022	.25021
#2	.78172	2.0252	.96716	2.0230	.79656	4.2429	.25255
#3	.78444	2.0217	.96630	2.0212	.79909	4.2676	.25098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19947	.19444	19.923	.44632	.20459	.32639	11.278
Stddev	.00024	.00069	.217	.00081	.00036	.00102	.033
%RSD	.11846	.35518	1.0916	.18089	.17573	.31139	.29254

#1	.19921	.19448	19.714	.44551	.20423	.32533	11.240
#2	.19968	.19511	19.907	.44712	.20458	.32736	11.297
#3	.19951	.19373	20.148	.44633	.20495	.32648	11.297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29164	6.7170	.52172	.07305	12.917	.33794	.23679
Stddev	.00110	.0610	.00034	.00037	.070	.00168	.00056
%RSD	.37786	.90868	.06607	.49982	.54398	.49724	.23595

#1	.29037	6.6554	.52136	.07263	12.836	.33602	.23636
#2	.29215	6.7181	.52173	.07324	12.963	.33913	.23660
#3	.29239	6.7775	.52205	.07328	12.952	.33866	.23742

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.821	.42172	.34696	7.7198	F 37.255	.70883	.25191
Stddev	.123	.00086	.01302	.0082	.141	.00211	.01326
%RSD	.68864	.20484	3.7523	.10629	.37880	.29704	5.2635

#1	17.687	.42075	.36028	7.7129	37.115	.70707	.24204
#2	17.929	.42197	.34633	7.7289	37.252	.70827	.24670
#3	17.845	.42242	.33426	7.7176	37.397	.71117	.26698

Sample Name: K2902-08 Acquired: 5/23/2019 16:40:13 Type: Unk
Method: P4-ICP2(v3144) 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	.26028	7.751	.39146	3.8304	F<.00000
Stddev	.00154	.014	.00419	.2364	1.5519
%RSD	.59267	.1834	1.0707	6.1729	50.888

#1	.25850	7.735	.38705	3.5626	-4.3512
#2	.26123	7.763	.39194	3.9180	-3.4659
#3	.26110	7.753	.39540	4.0105	-1.3321

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3495.2	46012.	4133.8	43.181	3644.0
Stddev	26.3	83.	19.9	.576	25.9
%RSD	.75343	.18077	.48094	1.3349	.71197

#1	3477.1	46078.	4154.8	42.515	3623.2
#2	3483.2	45918.	4131.5	43.512	3635.7
#3	3525.5	46040.	4115.2	43.516	3673.1

Sample Name: PB112003BS Acquired: 5/23/2019 16:44:16 Type: Unk
Method: P4-ICP2(v3144) 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	.76408	2.0252	.97203	1.9786	.76546	1.9894	.20745
Stddev	.00330	.0016	.00128	.0054	.00185	.0115	.00099
%RSD	.43236	.07808	.13147	.27207	.24148	.57974	.47822

#1	.76190	2.0270	.97198	1.9804	.76338	1.9992	.20799
#2	.76789	2.0241	.97078	1.9725	.76609	1.9767	.20630
#3	.76247	2.0246	.97334	1.9828	.76692	1.9922	.20805

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19159	.19418	1.1250	.43668	.20163	.31592	3.2503
Stddev	.00027	.00018	.0247	.00095	.00051	.00061	.0072
%RSD	.14199	.09059	2.1920	.21699	.25412	.19185	.22184

#1	.19138	.19416	1.1035	.43560	.20193	.31525	3.2420
#2	.19149	.19402	1.1196	.43706	.20104	.31607	3.2537
#3	.19190	.19437	1.1519	.43737	.20192	.31643	3.2552

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21505	1.9498	.51458	.07322	3.1936	.33054	.18895
Stddev	.00034	.0267	.00092	.00098	.0154	.00035	.00028
%RSD	.16029	1.3716	.17961	1.3440	.48296	.10662	.14918

#1	.21540	1.9193	.51552	.07222	3.1904	.33048	.18918
#2	.21505	1.9696	.51367	.07327	3.1801	.33022	.18863
#3	.21471	1.9604	.51456	.07418	3.2104	.33091	.18902

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.307	.41477	.31400	F -.00848	.96528	.67617	.21115
Stddev	.064	.00019	.00265	.00155	.01210	.00194	.00249
%RSD	.62417	.04503	.84237	18.311	1.2538	.28763	1.1814

#1	10.325	.41493	.31198	-.01004	.95149	.67830	.20906
#2	10.236	.41480	.31699	-.00845	.97020	.67450	.21049
#3	10.361	.41456	.31302	-.00694	.97415	.67571	.21391

Sample Name: PB112003BS Acquired: 5/23/2019 16:44:16 Type: Unk
Method: P4-ICP2(v3144) 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	.22607	5.592	.21328	F 2.8479	F<.00000
Stddev	.00587	.018	.00280	.1226	1.2927
%RSD	2.5968	.3223	1.3129	4.3045	23.504
#1	.21999	5.613	.21079	2.9774	-4.3768
#2	.22651	5.585	.21274	2.8326	-5.2096
#3	.23171	5.579	.21631	2.7336	-6.9128
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3531.5	46698.	4115.9	42.857	3739.0
Stddev	6.8	86.	48.3	1.918	12.9
%RSD	.19348	.18387	1.1743	4.4750	.34547
#1	3523.8	46602.	4171.5	44.859	3724.7
#2	3533.7	46727.	4091.7	41.036	3742.5
#3	3537.0	46767.	4084.4	42.675	3749.8

Sample Name: PB112004BS Acquired: 5/23/2019 16:48:22 Type: Unk
Method: P4-ICP2(v3144) 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	.72265	1.9250	.92116	1.8725	.74729	1.8682	.19566
Stddev	.00335	.0028	.00106	.0101	.00210	.0183	.00072
%RSD	.46321	.14447	.11501	.53800	.28143	.97839	.36746

#1	.72343	1.9281	.92184	1.8626	.74631	1.8765	.19487
#2	.72554	1.9229	.92170	1.8720	.74971	1.8473	.19584
#3	.71899	1.9240	.91994	1.8828	.74586	1.8810	.19627

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18268	.18374	1.0301	.41293	.19049	.29898	3.0707
Stddev	.00023	.00017	.0065	.00085	.00035	.00063	.0060
%RSD	.12642	.09188	.62687	.20685	.18380	.21178	.19589

#1	.18241	.18358	1.0345	.41301	.19014	.29848	3.0638
#2	.18285	.18372	1.0332	.41204	.19049	.29877	3.0745
#3	.18277	.18391	1.0227	.41374	.19084	.29969	3.0739

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20328	1.8590	.48692	.06895	3.0053	.31313	.17872
Stddev	.00020	.0475	.00090	.00066	.0329	.00026	.00022
%RSD	.10055	2.5534	.18391	.95031	1.0956	.08351	.12525

#1	.20305	1.8539	.48732	.06821	2.9770	.31342	.17878
#2	.20337	1.8143	.48755	.06919	2.9975	.31293	.17892
#3	.20343	1.9088	.48589	.06946	3.0414	.31304	.17848

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7308	.40523	.28955	F -.01033	.93421	.65995	.20502
Stddev	.0363	.00030	.01164	.00292	.01133	.00116	.00166
%RSD	.37340	.07369	4.0201	28.294	1.2131	.17616	.80878

#1	9.7178	.40529	.28094	-.01266	.92975	.66063	.20314
#2	9.7027	.40490	.28492	-.01129	.94709	.66062	.20627
#3	9.7718	.40549	.30280	-.00705	.92578	.65861	.20566

Sample Name: PB112004BS Acquired: 5/23/2019 16:48:22 Type: Unk
Method: P4-ICP2(v3144) 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	.20990	5.283	.20032	F 2.9053	F<.00000
Stddev	.00220	.020	.00119	.1708	2.6682
%RSD	1.0467	.3800	.59436	5.8795	57.201

#1	.20763	5.302	.19895	2.8591	-2.3543
#2	.21005	5.262	.20102	3.0945	-4.0546
#3	.21202	5.284	.20101	2.7624	-7.5851

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3559.0	46904.	4147.5	43.211	3768.0
Stddev	13.7	114.	15.5	1.494	16.5
%RSD	.38616	.24371	.37256	3.4587	.43685

#1	3546.5	46831.	4156.6	43.391	3750.1
#2	3556.9	47036.	4129.6	41.634	3771.5
#3	3573.7	46846.	4156.2	44.607	3782.4

Sample Name: K2902-06A Acquired: 5/23/2019 16:52:29 Type: Unk
Method: P4-ICP2(v3144) 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	.78111	2.0387	.97070	2.0326	.79103	4.2902	.25186
Stddev	.00132	.0009	.00182	.0042	.00358	.0527	.00263
%RSD	.16922	.04579	.18766	.20877	.45271	1.2279	1.0444
#1	.78263	2.0383	.97024	2.0360	.79278	4.2390	.25000
#2	.78031	2.0398	.97270	2.0339	.79341	4.2874	.25071
#3	.78038	2.0381	.96915	2.0278	.78692	4.3443	.25487
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19932	.19556	19.920	.44613	.20525	.32575	10.769
Stddev	.00190	.00147	.258	.00428	.00051	.00103	.107
%RSD	.95132	.74966	1.2942	.95836	.24857	.31492	.99540
#1	.19951	.19695	19.622	.44834	.20471	.32503	10.793
#2	.19733	.19403	20.076	.44120	.20531	.32529	10.651
#3	.20111	.19570	20.062	.44885	.20573	.32692	10.861
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28928	6.5572	.52543	.07358	12.906	.33930	.24606
Stddev	.00277	.0672	.00087	.00087	.132	.00286	.00038
%RSD	.95818	1.0246	.16617	1.1802	1.0194	.84194	.15397
#1	.29062	6.4861	.52588	.07379	12.841	.34087	.24650
#2	.28609	6.5659	.52599	.07263	12.819	.33600	.24588
#3	.29113	6.6196	.52442	.07432	13.057	.34103	.24581
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.783	.42220	.35803	7.6829	F 36.939	.70945	.24625
Stddev	.185	.00064	.01045	.0097	.090	.00390	.00488
%RSD	1.0431	.15089	2.9184	.12577	.24343	.54957	1.9828
#1	17.689	.42158	.35767	7.6718	36.976	.70672	.24146
#2	17.664	.42285	.34776	7.6887	36.836	.71392	.24606
#3	17.997	.42216	.36865	7.6883	37.004	.70772	.25122

Sample Name: K2902-06A Acquired: 5/23/2019 16:52:29 Type: Unk
 Method: P4-ICP2(v3144) 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	.26188	7.771	.38967	3.6273	F<.00000
Stddev	.00263	.009	.00264	.0937	2.0933
%RSD	1.0029	.1166	.67714	2.5839	74.250

#1	.25919	7.779	.38675	3.6665	-5.0330
#2	.26200	7.774	.39038	3.5204	-2.5528
#3	.26444	7.761	.39189	3.6951	-.87194

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3508.4	46313.	4157.3	43.270	3656.4
Stddev	23.9	471.	11.4	1.451	21.6
%RSD	.68132	1.0176	.27366	3.3542	.58967

#1	3481.4	46084.	4153.1	41.630	3631.9
#2	3526.7	46855.	4170.2	44.386	3672.6
#3	3517.2	45999.	4148.7	43.795	3664.7

Sample Name: CCV04 Acquired: 5/23/2019 16:56:31 Type: Unk
Method: P4-ICP2(v3144) 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	4.9429	5.0698	4.8911	5.0563	4.9217	9.7413	9.7684	.24870
Stddev	.0101	.0002	.0058	.0063	.0134	.0740	.0754	.00064
%RSD	.20536	.00467	.11923	.12519	.27126	.75929	.77133	.25841
#1	4.9317	5.0699	4.8940	5.0583	4.9369	9.6821	9.6871	.24813
#2	4.9454	5.0696	4.8844	5.0492	4.9164	9.8242	9.8359	.24939
#3	4.9516	5.0700	4.8949	5.0614	4.9118	9.7177	9.7823	.24857
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4832	26.002	1.0262	2.4623	1.2266	5.1274	2.5400	24.154
Stddev	.0020	.122	.0022	.0041	.0031	.0030	.0023	.329
%RSD	.08022	.47018	.21704	.16493	.25539	.05809	.09108	1.3622
#1	2.4853	25.864	1.0238	2.4612	1.2292	5.1241	2.5374	23.935
#2	2.4814	26.098	1.0282	2.4590	1.2232	5.1285	2.5409	24.533
#3	2.4827	26.043	1.0266	2.4668	1.2275	5.1298	2.5418	23.996
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5278	1.2661	24.989	2.6091	2.4348	24.641	4.9773	4.9844
Stddev	.0026	.0008	.113	.0045	.0021	.123	.0091	.0733
%RSD	.10188	.06517	.45243	.17210	.08499	.50016	.18231	1.4710
#1	2.5307	1.2653	24.863	2.6072	2.4363	24.524	4.9857	4.9492
#2	2.5258	1.2669	25.083	2.6142	2.4325	24.770	4.9677	5.0687
#3	2.5270	1.2660	25.021	2.6058	2.4357	24.628	4.9784	4.9353
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9871	5.2133	4.9916	5.0643	5.0966	5.115	5.1062	4.5653
Stddev	.0029	.0369	.0024	.0263	.0300	.015	.0316	.1745
%RSD	.05867	.70675	.04777	.51959	.58810	.2965	.61844	3.8219
#1	4.9838	5.2265	4.9914	5.0371	5.1058	5.112	5.0995	4.7552
#2	4.9894	5.1717	4.9941	5.0663	5.0631	5.131	5.0784	4.4121
#3	4.9880	5.2417	4.9894	5.0896	5.1209	5.101	5.1405	4.5285

Sample Name: CCV04 Acquired: 5/23/2019 16:56:31 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5476
Stddev	1.5214
%RSD	59.718

#1	4.0517
#2	1.0095
#3	2.5816

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3479.7	45376.	4123.4	40.810	3445.6
Stddev	3.9	165.	19.2	1.081	2.0
%RSD	.11208	.36450	.46667	2.6496	.05823

#1	3479.6	45456.	4110.6	41.031	3447.3
#2	3483.6	45186.	4145.5	41.764	3446.0
#3	3475.8	45486.	4114.0	39.635	3443.4

Sample Name: CCB04 Acquired: 5/23/2019 17:00:38 Type: Unk
Method: P4-ICP2(v3144) 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	.00147	.00141	.00043	.00357	-.00031	.00659	.00078
Stddev	.00143	.00098	.00020	.00285	.00125	.01004	.00020
%RSD	97.143	69.759	46.227	79.786	400.62	152.33	25.032

#1	.00182	.00094	.00066	.00382	-.00147	.00632	.00068
#2	-.00010	.00254	.00036	.00061	-.00049	-.00331	.00067
#3	.00270	.00075	.00028	.00629	.00102	.01676	.00101

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00014	-.01712	.00024	.00003	-.00024	.00122
Stddev	.00001	.00002	.00545	.00050	.00023	.00010	.00042
%RSD	24.256	13.442	31.817	212.88	825.28	41.762	34.661

#1	.00006	.00015	-.01142	.00050	.00029	-.00027	.00159
#2	.00003	.00014	-.02227	.00055	-.00011	-.00032	.00076
#3	.00005	.00012	-.01768	-.00034	-.00009	-.00013	.00131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.02951	-.00028	-.00003	.01257	.00023	-.00002
Stddev	.00002	.02743	.00032	.00021	.00608	.00012	.00003
%RSD	30.156	92.943	115.31	652.72	48.347	50.095	126.21

#1	.00005	-.01274	-.00058	-.00016	.00590	.00015	-.00003
#2	.00009	-.01463	-.00030	.00021	.01402	.00037	.00001
#3	.00007	-.06116	.00005	-.00015	.01778	.00019	-.00004

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12612	.00059	.01392	F -.01087	.00079	-.00160	.00370
Stddev	.00076	.00024	.01094	.00333	.00124	.00050	.00086
%RSD	.60302	40.634	78.654	30.600	156.23	31.178	23.270

#1	.12695	.00080	.02328	-.00991	.00216	-.00191	.00275
#2	.12546	.00065	.00188	-.00813	-.00024	-.00102	.00443
#3	.12594	.00033	.01658	-.01457	.00045	-.00186	.00391

Sample Name: CCB04 Acquired: 5/23/2019 17:00:38 Type: Unk
Method: P4-ICP2(v3144) 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	.00169	.0011	.00021	F 2.9989	F 2.0841
Stddev	.00051	.0002	.00009	.3139	1.4189
%RSD	29.919	14.84	43.520	10.466	68.085
#1	.00160	.0011	.00031	2.6366	2.0750
#2	.00223	.0013	.00014	3.1719	3.5075
#3	.00123	.0010	.00018	3.1882	.66969
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3612.3	47293.	4176.4	43.850	3849.6
Stddev	3.5	28.	22.6	.582	10.3
%RSD	.09739	.05910	.54008	1.3269	.26707
#1	3616.3	47296.	4163.4	43.180	3861.3
#2	3609.8	47319.	4163.4	44.148	3841.9
#3	3610.7	47263.	4202.5	44.223	3845.6

Sample Name: PB120002BL Acquired: 5/23/2019 17:05:06 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB119987BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	-.00027	.00038	.00283	-.00021	.00647	.00067
Stddev	.00112	.00052	.00010	.00193	.00095	.00446	.00024
%RSD	192.74	193.81	25.580	68.262	449.41	68.991	36.036

#1	.00187	-.00061	.00030	.00077	.00076	.00619	.00089
#2	-.00001	.00033	.00049	.00459	-.00114	.01106	.00041
#3	-.00012	-.00053	.00035	.00312	-.00025	.00215	.00072

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00003	-.02123	.00014	.00020	-.00017	.00064
Stddev	.00004	.00007	.00981	.00027	.00008	.00013	.00042
%RSD	143.05	208.30	46.230	193.51	39.382	78.712	66.119

#1	.00008	.00004	-.03217	.00024	.00013	-.00032	.00034
#2	.00001	-.00004	-.01833	.00035	.00028	-.00009	.00046
#3	-.00000	.00010	-.01319	-.00017	.00017	-.00009	.00113

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.01521	-.00066	.00026	-.00987	-.00017	-.00013
Stddev	.00002	.03073	.00024	.00039	.00714	.00036	.00001
%RSD	36.827	202.02	36.795	147.50	72.308	214.15	9.1777

#1	.00009	-.01598	-.00054	.00071	-.01697	-.00055	-.00015
#2	.00005	.01590	-.00050	-.00002	-.00996	-.00009	-.00013
#3	.00005	-.04555	-.00094	.00011	-.00269	.00014	-.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12041	-.00001	.00351	F -.01138	-.00078	-.00261	.00269
Stddev	.04809	.00019	.01660	.00182	.00171	.00055	.00093
%RSD	39.938	1510.6	472.55	16.038	220.58	21.086	34.474

#1	.06939	-.00019	-.01384	-.01101	-.00214	-.00235	.00287
#2	.16490	.00019	.01925	-.01336	.00115	-.00224	.00351
#3	.12692	-.00004	.00513	-.00977	-.00134	-.00325	.00169

Sample Name: PB120002BL Acquired: 5/23/2019 17:05:06 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB119987BL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00083	.0009	.00007	F 2.6395	F 1.4782
Stddev	.00076	.0005	.00004	.0417	1.7775
%RSD	91.099	56.91	59.063	1.5803	120.25

#1	.00082	.0014	.00006	2.5989	.87495
#2	.00160	.0004	.00012	2.6822	3.4789
#3	.00008	.0008	.00003	2.6375	.08085

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3591.5	46851.	4144.6	44.005	3829.9
Stddev	7.9	70.	31.0	1.813	2.3
%RSD	.22114	.15028	.74806	4.1210	.06011

#1	3595.0	46770.	4179.0	45.257	3829.2
#2	3582.5	46888.	4118.9	41.925	3828.1
#3	3597.1	46896.	4135.8	44.832	3832.5

Sample Name: PB112004BL Acquired: 5/23/2019 17:09:36 Type: Unk
Method: P4-ICP2(v3144) 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	-.00039	.00138	.00038	.00339	.00050	-.00057	.00031
Stddev	.00257	.00064	.00036	.00161	.00128	.01444	.00041
%RSD	652.04	46.100	93.606	47.445	254.92	2523.8	133.65

#1	-.00328	.00099	.00080	.00515	-.00073	.01187	.00014
#2	.00163	.00211	.00015	.00200	.00042	-.01640	.00077
#3	.00047	.00104	.00021	.00301	.00182	.00282	.00000

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00008	-.00465	.00021	-.00007	-.00013	.00088
Stddev	.00003	.00006	.01168	.00037	.00028	.00020	.00059
%RSD	90.637	74.926	251.35	175.66	399.50	153.44	67.642

#1	.00004	.00013	.00039	-.00020	.00022	-.00018	.00084
#2	-.00000	.00002	-.01801	.00052	-.00009	.00009	.00149
#3	.00004	.00007	.00367	.00032	-.00033	-.00030	.00030

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.04445	-.00016	-.00045	-.01182	.00019	-.00015
Stddev	.00002	.01006	.00027	.00043	.00514	.00039	.00002
%RSD	106.01	22.628	172.27	96.663	43.485	205.73	10.128

#1	.00004	-.05149	.00012	-.00093	-.01558	.00026	-.00014
#2	.00001	-.03293	-.00042	-.00033	-.01393	.00054	-.00015
#3	.00000	-.04893	-.00017	-.00009	-.00596	-.00023	-.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09654	-.00009	.01503	F -.01315	-.00220	-.00287	.00138
Stddev	.02758	.00009	.00985	.00187	.00153	.00018	.00191
%RSD	28.569	100.88	65.496	14.246	69.721	6.4138	137.70

#1	.12027	-.00015	.02605	-.01248	-.00280	-.00267	.00315
#2	.06628	-.00012	.01194	-.01526	-.00334	-.00302	.00165
#3	.10306	.00001	.00710	-.01170	-.00046	-.00293	-.00064

Sample Name: PB112004BL Acquired: 5/23/2019 17:09:36 Type: Unk
Method: P4-ICP2(v3144) 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	.00102	.0013	.00004	F 2.7232	F 3.1429
Stddev	.00098	.0007	.00002	.1706	1.0292
%RSD	95.296	55.92	51.152	6.2648	32.747
#1	.00006	.0021	.00004	2.6273	4.0511
#2	.00202	.0012	.00002	2.9202	3.3525
#3	.00099	.0007	.00007	2.6222	2.0250
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3572.3	46777.	4121.9	41.731	3818.0
Stddev	.3	134.	19.7	.458	.5
%RSD	.00766	.28570	.47852	1.0975	.01384
#1	3572.6	46642.	4137.4	41.693	3817.8
#2	3572.2	46910.	4099.7	41.293	3817.6
#3	3572.1	46778.	4128.7	42.207	3818.6

Sample Name: PB112004TB Acquired: 5/23/2019 17:14:05 Type: Unk
Method: P4-ICP2(v3144) 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	-.00171	-.00379	-.00004	.00237	.00013	.00310	.00055	.00002
Stddev	.00157	.00112	.00083	.00118	.00063	.00651	.00035	.00008
%RSD	91.784	29.540	2178.1	49.898	468.83	209.76	64.241	460.14
#1	-.00042	-.00254	.00091	.00148	.00052	-.00406	.00067	.00005
#2	-.00345	-.00471	-.00038	.00192	-.00059	.00470	.00083	.00008
#3	-.00125	-.00410	-.00065	.00371	.00048	.00866	.00015	-.00008
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	-.00302	.00079	-.00012	.00057	.00298	.00011	-.01644
Stddev	.00003	.00489	.00019	.00017	.00036	.00071	.00007	.08306
%RSD	276.51	161.78	24.455	139.35	63.336	23.970	62.148	505.24
#1	-.00001	-.00563	.00059	-.00030	.00081	.00368	.00004	-.10737
#2	-.00004	.00262	.00082	-.00010	.00073	.00299	.00019	.05545
#3	.00002	-.00605	.00097	.00003	.00015	.00226	.00011	.00260
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00102	.00132	F 299.96	.00007	.00238	.16089	.00024	.00136
Stddev	.00049	.00015	.56	.00045	.00010	.01725	.00017	.00711
%RSD	48.318	11.573	.18698	626.29	4.2481	10.723	74.378	520.99
#1	.00045	.00117	299.79	-.00043	.00247	.15452	.00042	-.00315
#2	.00135	.00148	300.58	.00043	.00240	.14773	.00007	.00956
#3	.00125	.00131	299.50	.00021	.00227	.18042	.00022	-.00232
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00408	.00441	-.00219	.00205	.00190	.0005	.00009	4.9132
Stddev	.00155	.00142	.00042	.00056	.00086	.0002	.00001	.1771
%RSD	37.895	32.120	19.300	27.235	45.292	42.15	11.306	3.6047
#1	-.00584	.00405	-.00209	.00251	.00099	.0003	.00009	4.9774
#2	-.00351	.00320	-.00266	.00143	.00270	.0006	.00010	4.7130
#3	-.00291	.00597	-.00183	.00220	.00201	.0007	.00008	5.0493

Sample Name: PB112004TB Acquired: 5/23/2019 17:14:05 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.6094
Stddev	2.6278
%RSD	30.522

#1	7.6638
#2	6.5853
#3	11.579

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3396.5	43096.	4060.3	40.673	3392.5
Stddev	16.2	209.	50.5	1.165	14.9
%RSD	.47820	.48423	1.2438	2.8640	.43964

#1	3380.3	42878.	4028.1	40.223	3378.8
#2	3396.4	43116.	4034.3	39.800	3390.4
#3	3412.8	43294.	4118.5	41.995	3408.4

Sample Name: PB112003BL Acquired: 5/23/2019 17:18:42 Type: Unk
Method: P4-ICP2(v3144) 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	.00202	.00081	.00093	.00098	-.00040	.00134	.00039
Stddev	.00098	.00075	.00073	.00093	.00099	.00336	.00021
%RSD	48.562	92.342	78.066	95.130	247.79	250.74	54.861

#1	.00118	.00167	.00177	.00178	-.00152	.00038	.00021
#2	.00310	.00046	.00043	-.00004	.00000	-.00144	.00034
#3	.00178	.00031	.00060	.00119	.00033	.00508	.00063

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00001	-.00188	.00007	-.00009	-.00052	.00080
Stddev	.00003	.00004	.00025	.00012	.00015	.00012	.00035
%RSD	47.545	436.44	13.248	165.35	166.76	23.511	44.261

#1	.00003	-.00000	-.00170	.00009	-.00009	-.00040	.00039
#2	.00009	-.00002	-.00176	-.00005	.00006	-.00064	.00099
#3	.00007	.00005	-.00216	.00018	-.00023	-.00052	.00101

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.02428	-.00015	.00005	.08688	.00011	-.00021
Stddev	.00003	.04039	.00015	.00037	.01287	.00041	.00003
%RSD	57.514	166.38	100.45	745.07	14.813	387.01	16.306

#1	.00002	.00125	-.00014	.00007	.07928	-.00036	-.00019
#2	.00004	-.00323	-.00030	.00040	.10174	.00028	-.00024
#3	.00008	-.07085	-.00000	-.00033	.07962	.00041	-.00018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10697	-.00016	.00990	F -.01150	-.00366	-.00358	.00160
Stddev	.02358	.00012	.01762	.00235	.00352	.00046	.00187
%RSD	22.040	75.346	177.90	20.388	96.139	12.847	116.84

#1	.08085	-.00030	-.01016	-.01421	.00007	-.00390	.00374
#2	.12669	-.00010	.01700	-.01011	-.00693	-.00305	.00081
#3	.11336	-.00008	.02286	-.01019	-.00412	-.00379	.00026

Sample Name: PB112003BL Acquired: 5/23/2019 17:18:42 Type: Unk
 Method: P4-ICP2(v3144) 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	.00082	.0016	.00007	F 2.6577	F 2.1309
Stddev	.00109	.0012	.00005	.2437	2.1093
%RSD	132.57	72.96	73.009	9.1686	98.987
#1	.00025	.0018	.00009	2.3872	1.0735
#2	.00209	.0027	.00001	2.8601	.75948
#3	.00014	.0004	.00011	2.7258	4.5598
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3666.1	47895.	4178.8	43.858	3908.3
Stddev	7.3	148.	27.2	.425	4.0
%RSD	.19937	.30807	.65086	.96796	.10236
#1	3659.0	47724.	4148.0	43.607	3904.3
#2	3673.6	47974.	4189.2	43.618	3912.3
#3	3665.7	47985.	4199.3	44.348	3908.3

Sample Name: PB112003TB Acquired: 5/23/2019 17:23:10 Type: Unk
Method: P4-ICP2(v3144) 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	.00032	-.00406	-.00063	.00295	.00085	.00828	.00041	-.00007
Stddev	.00094	.00043	.00064	.00250	.00089	.00705	.00020	.00007
%RSD	298.88	10.569	101.14	84.652	104.62	85.058	49.590	102.98
#1	.00140	-.00360	-.00079	.00261	-.00008	.01336	.00060	-.00010
#2	-.00011	-.00413	.00007	.00561	.00171	.01126	.00020	-.00011
#3	-.00034	-.00445	-.00117	.00064	.00093	.00024	.00044	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	-.00961	.00060	-.00032	.00041	.00211	.00010	-.03618
Stddev	.00002	.01189	.00040	.00017	.00036	.00090	.00004	.08309
%RSD	55.095	123.76	67.967	51.756	86.039	42.907	45.025	229.68
#1	-.00004	-.02333	.00018	-.00013	.00020	.00117	.00006	-.11072
#2	-.00001	-.00315	.00099	-.00039	.00021	.00217	.00008	.05340
#3	-.00005	-.00234	.00062	-.00044	.00083	.00298	.00014	-.05121
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00089	.00133	F 314.77	.00036	.00221	.10177	.00014	.00466
Stddev	.00027	.00047	3.82	.00060	.00010	.04832	.00012	.01421
%RSD	30.102	35.696	1.2130	163.75	4.7084	47.480	86.872	304.69
#1	.00105	.00081	311.08	.00103	.00225	.06809	.00015	-.01056
#2	.00058	.00174	318.70	.00019	.00229	.08008	.00002	.01758
#3	.00105	.00143	314.53	-.00012	.00209	.15713	.00026	.00697
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00108	.00250	-.00211	.00285	.00221	.0030	.00009	5.2246
Stddev	.00258	.00037	.00069	.00031	.00156	.0008	.00003	.1138
%RSD	238.96	14.872	32.634	10.852	70.560	27.41	37.097	2.1789
#1	-.00406	.00292	-.00165	.00278	.00311	.0039	.00010	5.2452
#2	.00058	.00222	-.00179	.00318	.00310	.0026	.00012	5.3268
#3	.00024	.00236	-.00291	.00258	.00041	.0024	.00005	5.1019

Sample Name: PB112003TB Acquired: 5/23/2019 17:23:10 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	8.5006
Stddev	.9937
%RSD	11.690

#1	9.6094
#2	8.2018
#3	7.6906

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3364.7	43311.	4067.1	41.838	3349.3
Stddev	32.3	76.	31.5	.292	31.1
%RSD	.96066	.17593	.77432	.69737	.92756

#1	3336.4	43393.	4032.7	41.534	3323.1
#2	3357.9	43299.	4094.4	42.116	3341.2
#3	3400.0	43242.	4074.3	41.864	3383.7

Sample Name: K2647-13 Acquired: 5/23/2019 17:27:46 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-052219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02410	-.02121	.19074	-.00501	.00703	109.73	.55180
Stddev	.00155	.00039	.00103	.00141	.00110	.80	.00441
%RSD	6.4208	1.8568	.53917	28.140	15.634	.72803	.79856

#1	.02303	-.02140	.19160	-.00338	.00754	108.83	.54773
#2	.02339	-.02148	.18960	-.00588	.00577	110.35	.55648
#3	.02587	-.02076	.19102	-.00577	.00777	110.02	.55119

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01732	.00622	55.248	.15318	.18725	.65154	242.01
Stddev	.00035	.00036	.388	.00092	.00012	.00174	2.18
%RSD	2.0290	5.7692	.70306	.59867	.06144	.26702	.90200

#1	.01705	.00605	54.956	.15246	.18738	.65345	240.54
#2	.01772	.00598	55.099	.15421	.18723	.65003	244.52
#3	.01720	.00663	55.689	.15285	.18715	.65115	240.98

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5446	46.685	.22889	-.03298	6.8379	.60240	.65593
Stddev	.0528	.427	.00027	.00048	.0482	.00951	.00142
%RSD	1.1621	.91408	.11973	1.4515	.70460	1.5790	.21629

#1	4.4837	46.215	.22915	-.03338	6.7917	.60061	.65650
#2	4.5729	47.048	.22860	-.03312	6.8878	.61268	.65431
#3	4.5773	46.792	.22890	-.03245	6.8340	.59391	.65697

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1588	.00202	.31872	3.2370	3.2859	.01476	5.6626
Stddev	.0611	.00024	.00318	.0122	.0478	.00071	.0253
%RSD	.85407	12.132	.99767	.37686	1.4564	4.8258	.44597

#1	7.0882	.00181	.31667	3.2369	3.3216	.01533	5.6335
#2	7.1954	.00229	.31710	3.2248	3.2315	.01396	5.6764
#3	7.1927	.00195	.32238	3.2492	3.3046	.01497	5.6780

Sample Name: K2647-13 Acquired: 5/23/2019 17:27:46 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-052219 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10990	8.843	-.13747	<.00000	F<.00000
Stddev	.00166	.012	.00245	.02845	1.4391
%RSD	1.5062	.1302	1.7801	.29333	1.6263
#1	.11157	8.840	-.13611	-9.7320	-90.089
#2	.10989	8.834	-.14029	-9.6852	-87.300
#3	.10825	8.856	-.13600	-9.6806	-88.079
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4702.0	62031.	5822.0	41.966	3311.5
Stddev	10.0	288.	36.1	1.706	7.5
%RSD	.21242	.46437	.61950	4.0650	.22679
#1	4694.8	62302.	5825.7	43.741	3310.0
#2	4713.4	61728.	5856.1	41.819	3319.7
#3	4697.7	62061.	5784.2	40.338	3304.9

Sample Name: K2994-03 Acquired: 5/23/2019 17:32:19 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07012	.00497	32.655	.01297	.05308	50.281	1.9700
Stddev	.00086	.00117	.108	.00290	.00167	.444	.0156
%RSD	1.2202	23.541	.32960	22.366	3.1439	.88204	.78946

#1	.06940	.00565	32.677	.01313	.05141	50.061	1.9614
#2	.06989	.00362	32.538	.00999	.05310	49.990	1.9607
#3	.07107	.00564	32.750	.01578	.05474	50.791	1.9880

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01106	-.00021	78.878	F 2.9529	.13474	.98382	194.13
Stddev	.00008	.00029	.572	.0078	.00024	.00482	.24
%RSD	.73261	137.75	.72546	.26406	.17476	.48997	.12586

#1	.01097	-.00003	78.253	2.9504	.13492	.98354	193.99
#2	.01112	-.00005	79.377	2.9467	.13482	.97915	193.99
#3	.01110	-.00054	79.004	2.9617	.13447	.98878	194.41

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0978	23.296	.34100	-.01565	11.466	.19085	2.3356
Stddev	.0028	.267	.00030	.00037	.081	.00152	.0099
%RSD	.13425	1.1457	.08908	2.3862	.70367	.79397	.42391

#1	2.0984	23.149	.34111	-.01548	11.440	.19041	2.3414
#2	2.0947	23.136	.34123	-.01608	11.401	.18959	2.3242
#3	2.1002	23.604	.34066	-.01540	11.556	.19253	2.3413

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3230	.00957	.19158	F 145.01	3.6295	.09058	1.5116
Stddev	.0551	.00009	.00373	.65	.0366	.00152	.0084
%RSD	.75282	.96709	1.9492	.44790	1.0080	1.6783	.55334

#1	7.3405	.00958	.19578	145.44	3.5965	.09119	1.5040
#2	7.2613	.00947	.19034	144.26	3.6688	.09171	1.5103
#3	7.3673	.00966	.18862	145.32	3.6232	.08885	1.5206

Sample Name: K2994-03 Acquired: 5/23/2019 17:32:19 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11386	4.117	.08843	<.00000	F<.00000
Stddev	.00145	.015	.00180	.18942	1.6534
%RSD	1.2719	.3631	2.0345	19.378	5.1487
#1	.11220	4.134	.08671	-1.1188	-30.817
#2	.11457	4.114	.09030	-.76227	-31.548
#3	.11482	4.104	.08828	-1.0514	-33.976
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3760.7	49706.	4710.1	42.483	3467.2
Stddev	6.9	106.	35.8	1.448	11.1
%RSD	.18406	.21228	.75969	3.4075	.32128
#1	3761.6	49756.	4729.6	43.553	3459.6
#2	3767.1	49778.	4668.8	43.059	3480.0
#3	3753.3	49585.	4731.8	40.836	3462.0

Sample Name: K2994-07 Acquired: 5/23/2019 17:36:34 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16578	.00046	.65185	.00560	.00529	113.48	.53029
Stddev	.00188	.00100	.00230	.00305	.00271	1.18	.00387
%RSD	1.1370	215.99	.35250	54.487	51.218	1.0368	.72970

#1	.16639	.00147	.65102	.00660	.00283	112.42	.52625
#2	.16728	.00045	.65445	.00217	.00819	113.28	.53066
#3	.16366	-.00053	.65008	.00802	.00483	114.75	.53396

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01739	.00237	43.672	.43585	.12027	.76974	224.63
Stddev	.00020	.00008	.227	.00281	.00023	.00614	1.44
%RSD	1.1476	3.5821	.51912	.64543	.18862	.79711	.64058

#1	.01719	.00247	43.805	.43703	.12011	.76772	223.06
#2	.01739	.00232	43.801	.43264	.12053	.77663	224.95
#3	.01759	.00232	43.411	.43788	.12017	.76487	225.88

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7947	56.932	.31591	-.02239	23.358	.32754	1.4347
Stddev	.0134	.550	.00100	.00042	.185	.00084	.0101
%RSD	.35341	.96634	.31790	1.8869	.79237	.25532	.70616

#1	3.7803	56.450	.31492	-.02245	23.186	.32787	1.4387
#2	3.7970	56.815	.31693	-.02278	23.333	.32659	1.4232
#3	3.8068	57.531	.31587	-.02194	23.554	.32816	1.4423

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.643	.01442	.28415	F 137.63	5.1484	.26734	2.3615
Stddev	.176	.00050	.00688	.88	.0493	.00135	.0077
%RSD	.85049	3.4931	2.4205	.63702	.95654	.50474	.32540

#1	20.485	.01454	.27708	137.95	5.2050	.26738	2.3555
#2	20.611	.01486	.29082	136.64	5.1244	.26866	2.3702
#3	20.832	.01387	.28453	138.31	5.1157	.26597	2.3588

Sample Name: K2994-07 Acquired: 5/23/2019 17:36:34 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8-D Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.27095	F 10.18	.03644	<.00000	F<.00000
Stddev	.00151	.02	.00318	.28895	.32435
%RSD	.55659	.2361	8.7303	4.8092	.52873
#1	.27260	10.18	.03952	-6.1154	-61.236
#2	.27064	10.20	.03662	-5.6811	-61.090
#3	.26963	10.15	.03317	-6.2284	-61.711
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4191.4	55257.	5275.9	43.520	3344.3
Stddev	4.2	170.	57.6	1.073	19.4
%RSD	.10095	.30677	1.0914	2.4654	.58010
#1	4188.6	55371.	5226.3	42.375	3340.1
#2	4189.3	55337.	5262.4	43.683	3365.4
#3	4196.3	55062.	5339.1	44.503	3327.3

Sample Name: K2994-15 Acquired: 5/23/2019 17:41:06 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-6-S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06313	-.00296	2.1874	.01479	.02135	84.628	8.0869
Stddev	.00312	.00102	.0031	.00118	.00180	.414	.0419
%RSD	4.9463	34.568	.14111	7.9981	8.4148	.48974	.51864

#1	.06004	-.00414	2.1907	.01351	.01931	84.166	8.0441
#2	.06307	-.00240	2.1871	.01502	.02270	84.967	8.1279
#3	.06628	-.00234	2.1846	.01584	.02205	84.752	8.0886

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01682	.00524	258.22	.79658	.11326	1.5887	225.43
Stddev	.00023	.00009	.18	.00129	.00014	.0050	1.52
%RSD	1.3607	1.7109	.06967	.16185	.12579	.31742	.67620

#1	.01671	.00535	258.05	.79729	.11329	1.5846	223.75
#2	.01708	.00521	258.22	.79735	.11339	1.5873	226.74
#3	.01667	.00518	258.41	.79509	.11311	1.5943	225.79

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2708	40.273	.36609	-.02113	11.614	.36739	3.3595
Stddev	.0043	.199	.00097	.00035	.047	.00273	.0146
%RSD	.18746	.49312	.26577	1.6690	.40272	.74292	.43477

#1	2.2676	40.046	.36697	-.02133	11.569	.36994	3.3744
#2	2.2756	40.418	.36504	-.02133	11.663	.36773	3.3588
#3	2.2692	40.354	.36626	-.02072	11.611	.36451	3.3452

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6175	.01827	.30348	F 63.151	3.6135	.19242	3.1620
Stddev	.0277	.00018	.01088	.285	.0319	.00118	.0006
%RSD	.59964	.97442	3.5838	.45166	.88207	.61120	.01970

#1	4.6117	.01810	.29351	63.459	3.5807	.19377	3.1616
#2	4.5932	.01845	.30186	63.100	3.6155	.19166	3.1617
#3	4.6477	.01826	.31508	62.896	3.6443	.19181	3.1627

Sample Name: K2994-15 Acquired: 5/23/2019 17:41:06 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-6-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.07171	5.424	1.7891	<.00000	F<.00000
Stddev	.00159	.013	.0019	.20768	1.5541
%RSD	2.2200	.2437	.10881	10.082	3.1927
#1	.07054	5.439	1.7901	-1.8605	-46.952
#2	.07106	5.421	1.7869	-2.0443	-49.116
#3	.07352	5.413	1.7904	-2.2750	-49.966
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3828.4	50359.	4915.9	41.403	3226.6
Stddev	11.7	89.	18.2	.532	9.2
%RSD	.30430	.17769	.37063	1.2850	.28599
#1	3837.9	50440.	4899.5	40.844	3216.5
#2	3831.9	50263.	4935.5	41.464	3228.8
#3	3815.4	50376.	4912.5	41.903	3234.5

Sample Name: K2998-01 Acquired: 5/23/2019 17:45:30 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EWING-SP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06934	-.00383	1.0839	-.01728	.01312	168.73	.87378
Stddev	.00423	.00044	.0040	.00308	.00073	.72	.00203
%RSD	6.0942	11.483	.36769	17.827	5.5265	.42885	.23176

#1	.07235	-.00334	1.0854	-.01913	.01290	167.90	.87210
#2	.07115	-.00418	1.0869	-.01372	.01253	169.07	.87322
#3	.06451	-.00397	1.0794	-.01898	.01393	169.22	.87603

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02590	.01272	181.81	.28666	.25618	1.6973	297.80
Stddev	.00022	.00052	.26	.00049	.00062	.0013	.39
%RSD	.83579	4.0991	.14286	.17078	.24332	.07722	.13106

#1	.02568	.01330	181.80	.28721	.25639	1.6961	297.60
#2	.02590	.01260	181.56	.28627	.25667	1.6987	298.25
#3	.02611	.01227	182.08	.28650	.25548	1.6970	297.56

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4142	117.97	.33827	-.04480	2.0779	.77460	3.2342
Stddev	.0369	.34	.00146	.00093	.0066	.00036	.0130
%RSD	.83508	.28593	.43015	2.0660	.31895	.04661	.40109

#1	4.4499	117.64	.33891	-.04374	2.0854	.77435	3.2193
#2	4.3763	117.96	.33929	-.04546	2.0756	.77444	3.2423
#3	4.4164	118.32	.33660	-.04520	2.0728	.77501	3.2412

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.180	-.00250	1.9570	4.2422	3.1884	.15313	4.0797
Stddev	.091	.00039	.0117	.0120	.0158	.00073	.0049
%RSD	.32432	15.669	.59971	.28368	.49689	.47361	.12109

#1	28.085	-.00251	1.9548	4.2299	3.1779	.15241	4.0784
#2	28.267	-.00289	1.9697	4.2539	3.1808	.15312	4.0756
#3	28.188	-.00210	1.9466	4.2429	3.2067	.15386	4.0852

Sample Name: K2998-01 Acquired: 5/23/2019 17:45:30 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EWING-SP Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22002	F 10.57	.16692	<.00000	F<.00000
Stddev	.00046	.02	.00018	.75113	2.3093
%RSD	.21025	.2281	.10524	10.160	2.0805

#1	.22023	10.56	.16671	-6.6470	-110.64
#2	.22034	10.60	.16700	-7.3822	-108.89
#3	.21949	10.56	.16703	-8.1491	-113.46

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4178.5	55207.	5395.9	40.432	3076.0
Stddev	1.3	72.	24.7	.846	12.7
%RSD	.03225	.13034	.45740	2.0930	.41183

#1	4179.3	55124.	5367.6	41.095	3089.5
#2	4179.3	55247.	5407.2	39.479	3074.0
#3	4177.0	55249.	5412.9	40.722	3064.4

Sample Name: CCV05 Acquired: 5/23/2019 17:50:03 Type: Unk
Method: P4-ICP2(v3144) 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	4.9906	5.1111	4.9000	5.1291	4.9636	9.9503	9.9499	.24929
Stddev	.0122	.0123	.0017	.0068	.0060	.1091	.1481	.00067
%RSD	.24405	.24075	.03469	.13243	.12007	1.0963	1.4884	.26889
#1	5.0018	5.1252	4.8982	5.1340	4.9567	9.8838	9.8176	.24981
#2	4.9925	5.1055	4.9015	5.1214	4.9676	10.076	9.9223	.24853
#3	4.9777	5.1026	4.9003	5.1319	4.9664	9.8910	10.110	.24953
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4977	25.976	1.0328	2.4775	1.2348	5.1597	2.5488	24.617
Stddev	.0020	.191	.0018	.0016	.0016	.0118	.0047	.198
%RSD	.08132	.73579	.17414	.06558	.12684	.22849	.18491	.80249
#1	2.4993	25.763	1.0324	2.4789	1.2334	5.1728	2.5539	24.424
#2	2.4954	26.131	1.0312	2.4757	1.2345	5.1563	2.5445	24.819
#3	2.4983	26.035	1.0347	2.4778	1.2365	5.1500	2.5481	24.609
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5490	1.2768	25.615	2.6244	2.4454	25.146	5.0058	5.1007
Stddev	.0005	.0017	.163	.0042	.0019	.099	.0029	.0486
%RSD	.02129	.12963	.63795	.15871	.07980	.39314	.05826	.95274
#1	2.5489	1.2771	25.427	2.6268	2.4457	25.042	5.0031	5.0447
#2	2.5485	1.2783	25.697	2.6267	2.4434	25.239	5.0054	5.1313
#3	2.5496	1.2751	25.722	2.6196	2.4472	25.156	5.0089	5.1261
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0462	5.1343	5.0199	5.0781	5.1172	5.174	5.1418	4.7392
Stddev	.0081	.0299	.0038	.0159	.0237	.007	.0333	.2864
%RSD	.16109	.58131	.07632	.31374	.46334	.1300	.64747	6.0426
#1	5.0438	5.1357	5.0160	5.0600	5.1224	5.181	5.1206	5.0141
#2	5.0396	5.1038	5.0237	5.0899	5.0914	5.172	5.1246	4.7608
#3	5.0553	5.1635	5.0201	5.0845	5.1379	5.168	5.1802	4.4426

Sample Name: CCV05 Acquired: 5/23/2019 17:50:03 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9909
Stddev .2390
%RSD 7.9894

#1 2.8702
#2 3.2661
#3 2.8363

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3463.6	45196.	4168.3	41.946	3433.1
Stddev	4.6	35.	23.5	.782	5.1
%RSD	.13411	.07700	.56445	1.8643	.14801

#1	3460.7	45167.	4152.0	41.284	3427.6
#2	3461.1	45186.	4195.3	42.809	3434.1
#3	3468.9	45234.	4157.7	41.746	3437.6

Sample Name: CCB05 Acquired: 5/23/2019 17:54:07 Type: Unk
Method: P4-ICP2(v3144) 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	.00369	.00068	.00061	.00275	-.00124	.00374	.00120	.00004
Stddev	.00266	.00044	.00062	.00335	.00021	.00659	.00021	.00001
%RSD	72.111	65.095	101.92	121.77	16.891	176.07	17.671	23.772
#1	.00575	.00048	-.00008	.00307	-.00144	.01118	.00110	.00003
#2	.00463	.00118	.00112	.00592	-.00102	-.00136	.00144	.00005
#3	.00069	.00037	.00079	-.00075	-.00125	.00141	.00105	.00004
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00680	.00020	.00002	-.00052	.00282	.00006	-.01928
Stddev	.00005	.00885	.00031	.00008	.00010	.00094	.00006	.01190
%RSD	48.738	130.18	150.77	326.53	19.905	33.216	104.02	61.741
#1	.00015	-.01252	.00026	-.00006	-.00063	.00390	.00004	-.02531
#2	.00005	.00340	-.00013	.00003	-.00044	.00232	.00001	-.02696
#3	.00009	-.01127	.00048	.00009	-.00048	.00223	.00013	-.00557
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	.00000	-.01281	.00049	.00000	.07086	.00031	.01581
Stddev	.00022	.00015	.00525	.00042	.00009	.03717	.00003	.00791
%RSD	270.33	21683.	40.990	85.451	3129.1	52.447	9.3916	50.029
#1	-.00019	.00008	-.01350	.00028	.00011	.09283	.00028	.01462
#2	.00017	-.00017	-.00724	.00098	-.00003	.09181	.00034	.02425
#3	-.00022	.00009	-.01767	.00022	-.00007	.02795	.00032	.00857
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00282	.00341	-.00165	.00328	.00034	.0005	.00028	F 2.2614
Stddev	.00219	.00498	.00079	.00045	.00134	.0006	.00004	.1421
%RSD	77.686	145.83	47.789	13.705	395.88	120.6	14.560	6.2845
#1	.00352	.00095	-.00090	.00296	-.00079	.0011	.00029	2.2715
#2	.00459	.00914	-.00158	.00309	.00182	-.0002	.00031	2.3982
#3	.00037	.00015	-.00247	.00379	-.00002	.0007	.00023	2.1145

Sample Name: CCB05 Acquired: 5/23/2019 17:54:07 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.1663
Stddev 1.0674
%RSD 91.513

#1 .86487
#2 .28215
#3 2.3520

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3654.5	47771.	4214.8	44.117	3897.5
Stddev	9.9	84.	15.1	.585	6.5
%RSD	.27006	.17567	.35807	1.3265	.16716

#1	3646.6	47683.	4226.5	43.866	3896.7
#2	3651.3	47850.	4220.0	43.700	3891.4
#3	3665.6	47778.	4197.7	44.786	3904.3

Sample Name: K3002-01 Acquired: 5/23/2019 17:58:36 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-Z1-2019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10469	-.00644	3.8369	.00141	.00982	114.42	2.4407
Stddev	.00165	.00167	.0106	.00233	.00174	.29	.0050
%RSD	1.5760	25.853	.27709	165.55	17.711	.25759	.20312

#1	.10279	-.00457	3.8458	.00176	.00814	114.40	2.4360
#2	.10557	-.00777	3.8398	-.00108	.01162	114.73	2.4459
#3	.10572	-.00698	3.8252	.00355	.00970	114.14	2.4404

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01811	.00580	354.73	.36839	.16703	1.4999	222.65
Stddev	.00013	.00014	3.50	.00138	.00120	.0097	.89
%RSD	.69931	2.4120	.98695	.37404	.71911	.64630	.39772

#1	.01798	.00573	352.28	.36808	.16689	1.4905	222.30
#2	.01811	.00570	353.17	.36720	.16591	1.4994	223.66
#3	.01824	.00596	358.74	.36990	.16830	1.5098	221.99

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0836	95.153	.79596	-.02597	10.038	.43500	7.1549
Stddev	.0043	.078	.00205	.00014	.033	.00194	.0153
%RSD	.10401	.08189	.25728	.52491	.32723	.44605	.21409

#1	4.0787	95.176	.79522	-.02587	10.042	.43319	7.1633
#2	4.0863	95.066	.79438	-.02592	10.069	.43478	7.1641
#3	4.0857	95.217	.79828	-.02613	10.003	.43705	7.1372

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.745	.01218	.25623	F 18.125	2.4310	.35812	4.5375
Stddev	.117	.00036	.01921	.038	.0337	.00122	.0225
%RSD	.45525	2.9638	7.4982	.21222	1.3855	.34119	.49479

#1	25.842	.01241	.24241	18.120	2.4148	.35712	4.5133
#2	25.779	.01177	.27817	18.089	2.4086	.35948	4.5417
#3	25.615	.01237	.24812	18.166	2.4697	.35777	4.5576

Sample Name: K3002-01 Acquired: 5/23/2019 17:58:36 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-Z1-2019 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19644	8.799	1.0246	<.00000	F<.00000
Stddev	.00059	.022	.0089	.15645	2.0175
%RSD	.30199	.2561	.86704	16.160	3.9774
#1	.19661	8.795	1.0195	-.80069	-48.455
#2	.19578	8.778	1.0194	-1.1106	-52.314
#3	.19693	8.823	1.0348	-.99312	-51.405
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3752.5	49725.	4930.4	40.960	3102.8
Stddev	17.8	138.	27.8	.702	8.7
%RSD	.47308	.27796	.56415	1.7127	.28124
#1	3772.6	49614.	4938.2	40.874	3099.1
#2	3745.9	49680.	4953.6	41.700	3096.6
#3	3738.9	49880.	4899.6	40.305	3112.8

Sample Name: K3002-02 Acquired: 5/23/2019 18:03:04 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-Z2-2019 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10974	-.00711	3.8981	.00387	.01081	112.14	2.4191
Stddev	.00201	.00037	.0163	.00489	.00064	.83	.0086
%RSD	1.8286	5.1444	.41736	126.46	5.8850	.73977	.35665

#1	.11082	-.00721	3.8794	-.00078	.01068	111.74	2.4118
#2	.10742	-.00671	3.9067	.00897	.01024	111.59	2.4168
#3	.11097	-.00742	3.9083	.00342	.01150	113.10	2.4286

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01775	.00692	227.42	.28543	.15851	1.1228	236.03
Stddev	.00024	.00014	5.15	.00074	.00047	.0057	1.12
%RSD	1.3375	2.0048	2.2643	.25794	.29357	.50833	.47621

#1	.01800	.00700	225.03	.28578	.15877	1.1163	235.65
#2	.01774	.00701	223.90	.28458	.15880	1.1268	235.14
#3	.01752	.00676	233.33	.28592	.15798	1.1253	237.29

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0831	92.754	.77153	-.02719	9.8529	.52524	3.3965
Stddev	.0079	.657	.00180	.00010	.0242	.00252	.0082
%RSD	.19427	.70881	.23362	.35621	.24587	.47887	.24154

#1	4.0790	92.201	.76990	-.02709	9.8268	.52340	3.3871
#2	4.0781	92.581	.77123	-.02729	9.8573	.52423	3.4006
#3	4.0923	93.481	.77346	-.02718	9.8747	.52811	3.4019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.142	.00527	.23669	F 15.140	5.6370	.36078	4.4824
Stddev	.136	.00007	.01091	.004	.1167	.00115	.1033
%RSD	.52008	1.2907	4.6095	.02391	2.0694	.31912	2.3050

#1	26.083	.00519	.23801	15.140	5.6100	.36000	4.4196
#2	26.045	.00533	.22518	15.143	5.5363	.36210	4.4261
#3	26.297	.00528	.24688	15.136	5.7648	.36024	4.6017

Sample Name: K3002-02 Acquired: 5/23/2019 18:03:04 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-Z2-2019 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20314	9.494	.61703	<.00000	F<.00000
Stddev	.00553	.011	.01830	.13565	1.0032
%RSD	2.7215	.1128	2.9651	4.9814	1.7028

#1	.20049	9.486	.60951	-2.8677	-59.993
#2	.19944	9.490	.60369	-2.5986	-58.008
#3	.20950	9.506	.63789	-2.7031	-58.750

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3837.6	50508.	4866.2	41.345	3162.9
Stddev	14.5	106.	96.8	.510	7.9
%RSD	.37816	.20933	1.9893	1.2344	.25026

#1	3853.7	50436.	4890.3	41.928	3171.6
#2	3825.5	50629.	4948.7	41.127	3160.9
#3	3833.6	50458.	4759.6	40.980	3156.1

Sample Name: K3002-03 Acquired: 5/23/2019 18:07:38 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-Z3-2019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11265	-.00510	3.5184	.00248	.01338	110.04	2.5401
Stddev	.00242	.00104	.0136	.00294	.00095	.99	.0244
%RSD	2.1521	20.498	.38515	118.79	7.0618	.89766	.95935

#1	.11503	-.00510	3.5198	.00026	.01403	110.47	2.5560
#2	.11274	-.00405	3.5042	.00136	.01230	110.74	2.5523
#3	.11018	-.00614	3.5312	.00581	.01381	108.91	2.5120

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01871	.00796	205.05	.29247	.15548	2.2444	245.17
Stddev	.00047	.00063	.35	.00476	.00077	.0052	3.74
%RSD	2.5059	7.9501	.16881	1.6281	.49216	.23260	1.5271

#1	.01847	.00788	204.69	.29548	.15540	2.2503	246.44
#2	.01925	.00737	205.38	.29495	.15628	2.2421	248.11
#3	.01842	.00862	205.08	.28698	.15475	2.2407	240.96

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2280	81.219	.77718	-.02801	9.9699	.46568	4.7652
Stddev	.0468	.791	.00144	.00058	.1038	.00657	.0236
%RSD	1.1067	.97411	.18584	2.0610	1.0411	1.4103	.49512

#1	4.2490	81.600	.77564	-.02855	10.048	.47136	4.7730
#2	4.2606	81.749	.77850	-.02807	10.010	.46720	4.7387
#3	4.1744	80.310	.77740	-.02740	9.8521	.45849	4.7839

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.991	.00834	.23868	F 14.487	4.7759	.21698	4.1864
Stddev	.316	.00040	.01497	.029	.0568	.00175	.0134
%RSD	1.2631	4.8480	6.2703	.20266	1.1904	.80793	.32083

#1	25.113	.00788	.25198	14.475	4.7946	.21528	4.1851
#2	25.227	.00864	.24159	14.520	4.7121	.21878	4.1737
#3	24.632	.00850	.22247	14.465	4.8211	.21688	4.2005

Sample Name: K3002-03 Acquired: 5/23/2019 18:07:38 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-Z3-2019 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20014	9.847	.53175	<.00000	F<.00000
Stddev	.00088	.030	.00183	.55362	1.5683
%RSD	.44135	.3016	.34364	17.473	2.4393
#1	.19912	9.823	.53033	-3.0065	-63.101
#2	.20061	9.880	.53111	-2.7137	-66.069
#3	.20068	9.839	.53381	-3.7849	-63.707
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3850.1	51312.	4879.7	42.591	3182.1
Stddev	2.6	559.	17.2	1.096	14.8
%RSD	.06750	1.0885	.35167	2.5723	.46599
#1	3847.3	50945.	4867.6	42.848	3181.7
#2	3852.5	51037.	4872.2	41.389	3197.1
#3	3850.5	51955.	4899.3	43.535	3167.5

Sample Name: K3002-03DUP Acquired: 5/23/2019 18:12:11 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-Z3-2019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11382	-.00526	3.5276	.00386	.01254	112.16	2.6012
Stddev	.00171	.00171	.0204	.00234	.00146	.43	.0079
%RSD	1.5045	32.529	.57703	60.613	11.612	.38235	.30302

#1	.11249	-.00425	3.5370	.00502	.01094	111.71	2.5947
#2	.11322	-.00724	3.5416	.00539	.01290	112.56	2.6100
#3	.11575	-.00430	3.5043	.00117	.01378	112.21	2.5989

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01910	.00691	204.21	.29777	.15569	2.4563	251.45
Stddev	.00011	.00018	.08	.00061	.00054	.0031	.62
%RSD	.55552	2.6428	.03739	.20613	.34975	.12430	.24459

#1	.01922	.00693	204.12	.29845	.15510	2.4573	250.76
#2	.01906	.00672	204.25	.29727	.15617	2.4588	251.93
#3	.01902	.00709	204.26	.29758	.15579	2.4529	251.66

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2795	81.118	.76522	-.02909	10.176	.46702	4.9782
Stddev	.0408	.200	.00252	.00029	.028	.00297	.0299
%RSD	.95411	.24672	.32948	1.0086	.27325	.63700	.60068

#1	4.2605	80.899	.76384	-.02933	10.166	.46690	5.0024
#2	4.3264	81.163	.76369	-.02916	10.207	.46411	4.9875
#3	4.2517	81.291	.76813	-.02876	10.154	.47005	4.9448

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.262	.00921	.25425	F 14.531	4.7162	.23191	4.1781
Stddev	.039	.00015	.01392	.035	.0280	.00140	.0113
%RSD	.15458	1.6280	5.4745	.23799	.59328	.60471	.26973

#1	25.242	.00928	.26564	14.494	4.7451	.23333	4.1652
#2	25.307	.00930	.25838	14.536	4.6893	.23189	4.1832
#3	25.236	.00903	.23874	14.563	4.7141	.23052	4.1859

Sample Name: K3002-03DUP Acquired: 5/23/2019 18:12:11 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-Z3-2019 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19851	9.799	.52214	<.00000	F<.00000
Stddev	.00072	.004	.00039	.22719	2.6982
%RSD	.36520	.0424	.07425	7.4774	4.0299
#1	.19776	9.796	.52201	-2.9359	-66.223
#2	.19858	9.796	.52183	-2.8804	-64.697
#3	.19920	9.803	.52257	-3.2987	-69.943
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3858.7	50785.	4915.7	42.096	3193.6
Stddev	11.4	88.	9.0	.845	13.7
%RSD	.29437	.17363	.18210	2.0076	.42979
#1	3870.5	50877.	4912.1	42.748	3180.7
#2	3858.0	50701.	4925.9	41.141	3192.2
#3	3847.8	50776.	4909.1	42.399	3208.0

Sample Name: K3002-03LX5 Acquired: 5/23/2019 18:16:44 Type: Unk
Method: P4-ICP2(v3144) 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	.02554	.00110	.70670	.00622	.00222	23.542	.54548
Stddev	.00404	.00100	.00325	.00176	.00145	.060	.00347
%RSD	15.807	90.637	.46037	28.359	65.107	.25694	.63607

#1	.02828	.00095	.70621	.00825	.00057	23.517	.54216
#2	.02090	.00019	.70372	.00512	.00287	23.611	.54908
#3	.02743	.00217	.71017	.00529	.00324	23.498	.54519

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00391	-.00111	47.412	.06762	.02997	.54030	67.546
Stddev	.00013	.00005	.230	.00075	.00018	.00063	.411
%RSD	3.3542	4.3922	.48475	1.1062	.59120	.11626	.60853

#1	.00406	-.00105	47.451	.06837	.03017	.53959	67.072
#2	.00382	-.00115	47.165	.06761	.02987	.54079	67.765
#3	.00386	-.00112	47.619	.06687	.02986	.54053	67.802

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99696	17.988	.14967	-.00495	2.1143	.10531	.91602
Stddev	.00125	.108	.00026	.00029	.0227	.00077	.00097
%RSD	.12579	.59961	.17609	5.8684	1.0746	.72932	.10548

#1	.99645	17.898	.14997	-.00523	2.0960	.10599	.91515
#2	.99603	17.959	.14955	-.00496	2.1397	.10546	.91706
#3	.99838	18.108	.14949	-.00465	2.1073	.10448	.91585

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3990	.00181	.07472	2.8087	1.1191	.04115	.95286
Stddev	.0430	.00009	.00626	.0019	.0058	.00108	.00629
%RSD	.79684	5.0951	8.3755	.06578	.51829	2.6346	.65995

#1	5.3517	.00191	.07374	2.8093	1.1216	.04235	.94768
#2	5.4095	.00173	.06901	2.8102	1.1125	.04023	.95103
#3	5.4358	.00179	.08141	2.8066	1.1233	.04087	.95986

Sample Name: K3002-03LX5 Acquired: 5/23/2019 18:16:44 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04422	1.849	.10941	2.3259	F<.00000
Stddev	.00077	.003	.00030	.1275	1.5125
%RSD	1.7456	.1813	.27520	5.4834	25.618

#1	.04418	1.846	.10928	2.2555	-6.9527
#2	.04501	1.848	.10919	2.2491	-6.5892
#3	.04346	1.852	.10975	2.4731	-4.1702

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3660.9	47776.	4349.0	43.407	3584.8
Stddev	7.2	143.	44.6	1.517	8.7
%RSD	.19742	.29850	1.0252	3.4940	.24296

#1	3658.5	47644.	4305.3	43.866	3578.7
#2	3655.1	47757.	4394.4	44.641	3580.9
#3	3669.0	47927.	4347.3	41.713	3594.8

Sample Name: K3002-03MS Acquired: 5/23/2019 18:21:05 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-Z3-2019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83187	2.0733	4.8235	1.8385	.23281	125.35	3.0375
Stddev	.00466	.0015	.0073	.0047	.00105	.20	.0059
%RSD	.55966	.07173	.15208	.25552	.45176	.15883	.19450

#1	.83103	2.0730	4.8202	1.8387	.23397	125.12	3.0310
#2	.83689	2.0719	4.8319	1.8431	.23255	125.46	3.0390
#3	.82770	2.0749	4.8184	1.8337	.23191	125.47	3.0425

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20291	.21636	214.84	.66307	.36883	1.4126	239.08
Stddev	.00092	.00064	1.66	.00203	.00045	.0024	1.16
%RSD	.45260	.29375	.77078	.30645	.12176	.16908	.48522

#1	.20200	.21601	213.21	.66361	.36904	1.4141	237.89
#2	.20383	.21710	214.79	.66477	.36831	1.4138	239.13
#3	.20291	.21599	216.52	.66082	.36913	1.4098	240.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6890	88.775	1.3271	.04185	13.621	.78069	3.9933
Stddev	.0142	.473	.0026	.00027	.030	.00282	.0014
%RSD	.30375	.53239	.19190	.65280	.21744	.36060	.03575

#1	4.6814	88.302	1.3245	.04163	13.593	.77954	3.9930
#2	4.6801	88.778	1.3273	.04215	13.620	.78390	3.9948
#3	4.7054	89.247	1.3295	.04176	13.652	.77864	3.9920

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.243	.33591	.50346	F 14.616	6.0224	.87967	4.8185
Stddev	.035	.00046	.00505	.010	.0146	.00277	.0118
%RSD	.09346	.13731	1.0028	.07116	.24226	.31536	.24475

#1	37.241	.33643	.50899	14.628	6.0061	.87871	4.8064
#2	37.279	.33559	.50227	14.607	6.0266	.88279	4.8191
#3	37.210	.33569	.49911	14.614	6.0344	.87750	4.8299

Sample Name: K3002-03MS Acquired: 5/23/2019 18:21:05 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-Z3-2019 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.40967	F 17.29	.82310	<.00000	F<.00000
Stddev	.00144	.02	.00388	.22481	1.0559
%RSD	.35266	.1233	.47092	12.209	1.5784
#1	.40926	17.27	.81888	-2.0163	-65.876
#2	.41128	17.30	.82390	-1.9200	-67.984
#3	.40848	17.31	.82651	-1.5878	-66.824
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3838.8	50770.	4923.4	41.563	3124.3
Stddev	3.8	114.	8.6	.781	4.7
%RSD	.09848	.22549	.17499	1.8802	.15077
#1	3834.5	50647.	4927.2	40.876	3124.9
#2	3841.3	50787.	4929.5	42.413	3128.7
#3	3840.8	50874.	4913.6	41.398	3119.3

Sample Name: K3002-03MSD Acquired: 5/23/2019 18:25:33 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-Z3-2019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82463	2.0631	4.8032	1.8294	.23190	125.54	3.0263
Stddev	.00407	.0022	.0134	.0031	.00324	.68	.0135
%RSD	.49337	.10425	.27849	.16886	1.3963	.54459	.44511

#1	.82831	2.0612	4.7880	1.8330	.23551	124.79	3.0118
#2	.82532	2.0654	4.8130	1.8281	.22927	126.12	3.0385
#3	.82026	2.0626	4.8087	1.8272	.23091	125.71	3.0284

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20254	.21596	213.92	.66391	.36796	1.4125	239.58
Stddev	.00054	.00071	1.31	.00197	.00057	.0012	.75
%RSD	.26853	.32801	.61158	.29670	.15383	.08316	.31387

#1	.20200	.21519	213.57	.66189	.36798	1.4138	239.12
#2	.20254	.21658	212.83	.66583	.36852	1.4121	239.18
#3	.20309	.21610	215.38	.66401	.36738	1.4115	240.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6533	88.310	1.3303	.04178	13.569	.77714	3.9646
Stddev	.0267	.210	.0077	.00082	.051	.00370	.0069
%RSD	.57459	.23764	.57918	1.9748	.37709	.47665	.17395

#1	4.6747	88.107	1.3219	.04153	13.518	.78083	3.9568
#2	4.6618	88.526	1.3320	.04270	13.621	.77342	3.9699
#3	4.6233	88.296	1.3370	.04110	13.568	.77718	3.9671

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.360	.33547	.49809	F 14.539	6.0470	.87388	4.8065
Stddev	.070	.00143	.00336	.015	.0230	.00281	.0139
%RSD	.18810	.42603	.67389	.10449	.37953	.32112	.28853

#1	37.306	.33711	.49632	14.532	6.0629	.87386	4.7922
#2	37.440	.33481	.50196	14.556	6.0207	.87109	4.8073
#3	37.335	.33449	.49598	14.527	6.0573	.87670	4.8199

Sample Name: K3002-03MSD Acquired: 5/23/2019 18:25:33 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-Z3-2019 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.41117	F 17.21	.82084	<.00000	F<.00000
Stddev	.00145	.03	.00637	.51486	2.4405
%RSD	.35149	.1853	.77638	20.954	3.8152
#1	.40986	17.18	.82125	-2.0751	-66.544
#2	.41093	17.24	.81428	-3.0426	-61.692
#3	.41272	17.21	.82701	-2.2536	-63.665
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3838.9	50549.	4884.8	40.830	3125.0
Stddev	7.3	64.	36.4	.770	7.4
%RSD	.19057	.12592	.74523	1.8847	.23664
#1	3834.8	50510.	4864.8	40.332	3132.8
#2	3834.7	50514.	4926.8	41.716	3118.1
#3	3847.4	50622.	4862.8	40.441	3124.1

Sample Name: K3002-03A Acquired: 5/23/2019 18:29:59 Type: Unk
Method: P4-ICP2(v3144) 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	.81631	2.0580	4.6954	1.8051	.23018	123.31	3.0013
Stddev	.00050	.0029	.0409	.0057	.00250	1.10	.0228
%RSD	.06138	.14127	.87081	.31568	1.0846	.88891	.76084

#1	.81672	2.0581	4.6492	1.8117	.23054	122.19	2.9839
#2	.81575	2.0609	4.7105	1.8025	.23248	124.38	3.0272
#3	.81645	2.0550	4.7267	1.8012	.22753	123.37	2.9928

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20208	.21323	208.88	.66598	.36446	1.3922	238.81
Stddev	.00138	.00189	.68	.00157	.00055	.0097	.99
%RSD	.68220	.88596	.32629	.23618	.15013	.69372	.41624

#1	.20294	.21111	208.66	.66535	.36404	1.3812	237.96
#2	.20281	.21388	208.33	.66777	.36427	1.3996	239.91
#3	.20049	.21471	209.64	.66481	.36508	1.3957	238.57

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6022	86.660	1.3142	.04189	13.380	.78338	3.8657
Stddev	.0129	.188	.0015	.00025	.077	.00180	.0313
%RSD	.28040	.21642	.11225	.58684	.57300	.23003	.80949

#1	4.6167	86.524	1.3125	.04163	13.325	.78325	3.8304
#2	4.5921	86.874	1.3149	.04193	13.468	.78525	3.8767
#3	4.5977	86.583	1.3152	.04212	13.348	.78165	3.8900

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.750	.32963	.50075	F 14.502	5.8967	.86085	4.7084
Stddev	.303	.00058	.01848	.009	.0578	.00147	.0287
%RSD	.82341	.17507	3.6898	.06542	.97959	.17093	.60994

#1	36.418	.32944	.49386	14.498	5.8501	.86041	4.6880
#2	37.011	.33028	.52168	14.513	5.8787	.85966	4.6959
#3	36.822	.32917	.48671	14.495	5.9614	.86250	4.7412

Sample Name: K3002-03A Acquired: 5/23/2019 18:29:59 Type: Unk
 Method: P4-ICP2(v3144) 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	.41157	F 16.68	.79231	<.00000	F<.00000
Stddev	.00130	.11	.00312	.10638	1.6580
%RSD	.31471	.6294	.39387	4.5657	2.5876
#1	.41063	16.56	.78962	-2.2114	-62.271
#2	.41103	16.74	.79159	-2.3610	-65.532
#3	.41304	16.74	.79573	-2.4172	-64.421
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3888.8	50508.	4844.8	41.267	3151.4
Stddev	22.8	132.	30.8	.615	20.2
%RSD	.58598	.26082	.63527	1.4894	.64045
#1	3914.7	50448.	4822.7	40.685	3174.6
#2	3871.8	50418.	4880.0	41.910	3142.1
#3	3879.9	50660.	4831.8	41.207	3137.6

Sample Name: K3008-01 Acquired: 5/23/2019 18:34:26 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14798	-.02436	1.6301	.00014	.01141	147.87	2.0370
Stddev	.00219	.00215	.0057	.00314	.00301	.88	.0145
%RSD	1.4829	8.8377	.34817	2308.8	26.338	.59728	.71169

#1	.14550	-.02189	1.6250	-.00264	.01407	146.95	2.0219
#2	.14968	-.02533	1.6362	.00355	.00815	147.94	2.0383
#3	.14875	-.02586	1.6292	-.00050	.01202	148.72	2.0508

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02080	.00789	485.36	.27834	.14810	1.0014	251.70
Stddev	.00017	.00013	4.86	.00064	.00019	.0022	.56
%RSD	.83810	1.6901	1.0023	.23162	.13097	.22104	.22304

#1	.02064	.00780	479.87	.27768	.14796	1.0038	252.30
#2	.02078	.00805	489.13	.27835	.14832	1.0007	251.19
#3	.02099	.00783	487.08	.27897	.14802	.99956	251.62

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9719	129.52	.39920	-.03673	18.232	.92689	2.4599
Stddev	.0308	1.07	.00110	.00038	.090	.00088	.0197
%RSD	.77487	.82282	.27622	1.0266	.49249	.09543	.80107

#1	3.9429	128.31	.39990	-.03646	18.132	.92670	2.4375
#2	3.9686	129.98	.39977	-.03656	18.257	.92612	2.4747
#3	4.0042	130.29	.39793	-.03716	18.306	.92786	2.4674

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.864	.01331	.24978	F 15.587	1.9357	.07617	8.6033
Stddev	.130	.00005	.01034	.024	.0226	.00096	.0719
%RSD	.35165	.35119	4.1379	.15275	1.1687	1.2650	.83564

#1	36.798	.01326	.24781	15.598	1.9604	.07506	8.5265
#2	36.780	.01336	.26096	15.560	1.9310	.07684	8.6690
#3	37.013	.01331	.24057	15.603	1.9159	.07660	8.6143

Sample Name: K3008-01 Acquired: 5/23/2019 18:34:26 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-19 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22961	9.422	1.1061	<.00000	F<.00000
Stddev	.00163	.013	.0110	.10809	2.3108
%RSD	.71079	.1339	.99574	6.1544	3.6188

#1	.22801	9.436	1.0943	-1.8761	-65.131
#2	.23127	9.419	1.1161	-1.7268	-61.188
#3	.22956	9.411	1.1079	-1.6661	-65.246

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3769.6	49660.	4945.5	40.898	2975.1
Stddev	10.0	129.	19.6	.693	22.7
%RSD	.26648	.25994	.39553	1.6933	.76251

#1	3758.3	49746.	4957.0	40.102	3000.9
#2	3773.2	49723.	4923.0	41.360	2958.3
#3	3777.4	49512.	4956.7	41.233	2966.2

Sample Name: K3008-03 Acquired: 5/23/2019 18:38:56 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05332	-.03027	4.4832	-.00586	.01708	162.87	2.6468
Stddev	.00482	.00037	.0141	.00324	.00187	1.09	.0227
%RSD	9.0459	1.2385	.31376	55.382	10.939	.66645	.85616

#1	.04787	-.02990	4.4972	-.00332	.01596	161.62	2.6207
#2	.05509	-.03065	4.4833	-.00951	.01603	163.41	2.6587
#3	.05701	-.03026	4.4690	-.00474	.01923	163.58	2.6610

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01862	.01447	659.41	.35102	.16460	1.1406	246.45
Stddev	.00016	.00013	5.28	.00198	.00044	.0050	.07
%RSD	.85602	.90420	.80112	.56264	.26543	.44311	.02723

#1	.01850	.01440	653.31	.35290	.16509	1.1359	246.45
#2	.01856	.01462	662.33	.34897	.16426	1.1400	246.38
#3	.01880	.01439	662.59	.35120	.16446	1.1460	246.51

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8781	162.26	.38108	-.03525	17.402	.59963	4.0851
Stddev	.0315	1.69	.00045	.00041	.097	.00216	.0021
%RSD	.64531	1.0406	.11884	1.1594	.55717	.36023	.05090

#1	4.9047	160.33	.38075	-.03494	17.291	.59981	4.0872
#2	4.8863	162.95	.38091	-.03511	17.461	.59738	4.0852
#3	4.8433	163.49	.38160	-.03572	17.456	.60169	4.0830

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.671	.01731	.22282	F 19.254	1.6957	.13610	9.5710
Stddev	.143	.00022	.01033	.027	.0056	.00286	.0674
%RSD	.32016	1.2458	4.6355	.14164	.33063	2.1023	.70398

#1	44.506	.01752	.23220	19.262	1.6969	.13348	9.4933
#2	44.765	.01709	.21175	19.276	1.7006	.13567	9.6058
#3	44.741	.01732	.22450	19.223	1.6896	.13915	9.6137

Sample Name: K3008-03 Acquired: 5/23/2019 18:38:56 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-20 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24846	9.225	1.5126	<.00000	F<.00000
Stddev	.00283	.002	.0112	.28619	1.3477
%RSD	1.1386	.0239	.74301	37.768	2.4841
#1	.24523	9.228	1.4999	-.82487	-54.955
#2	.25052	9.225	1.5212	-1.0044	-55.106
#3	.24963	9.223	1.5166	-.44398	-52.700
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3644.0	47848.	4827.5	39.637	2868.1
Stddev	16.1	62.	14.7	1.284	2.8
%RSD	.44241	.12929	.30441	3.2389	.09919
#1	3659.6	47777.	4811.4	39.171	2866.8
#2	3645.1	47890.	4830.8	41.089	2866.2
#3	3627.4	47877.	4840.2	38.652	2871.4

Sample Name: CCV06 Acquired: 5/23/2019 18:43:29 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0047	5.1448	4.8981	5.1661	4.9701	9.7929	9.8510	.24842
Stddev	.0037	.0020	.0104	.0076	.0073	.1563	.1068	.00235
%RSD	.07484	.03948	.21283	.14628	.14781	1.5963	1.0839	.94773
#1	5.0088	5.1471	4.8861	5.1743	4.9759	9.6430	9.7278	.24663
#2	5.0016	5.1441	4.9037	5.1647	4.9725	9.9550	9.9164	.25108
#3	5.0037	5.1432	4.9045	5.1594	4.9618	9.7808	9.9088	.24753
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4991	25.958	1.0278	2.4762	1.2307	5.1335	2.5341	24.261
Stddev	.0029	.271	.0107	.0036	.0010	.0452	.0250	.374
%RSD	.11538	1.0424	1.0416	.14696	.08214	.88000	.98725	1.5398
#1	2.4958	26.007	1.0194	2.4730	1.2318	5.0927	2.5096	23.895
#2	2.5005	25.666	1.0399	2.4755	1.2307	5.1821	2.5596	24.642
#3	2.5010	26.200	1.0243	2.4802	1.2297	5.1257	2.5331	24.245
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5552	1.2740	25.471	2.6253	2.4430	24.834	4.9994	5.0092
Stddev	.0026	.0117	.187	.0237	.0051	.166	.0022	.0919
%RSD	.10096	.91788	.73346	.90448	.20864	.66850	.04479	1.8340
#1	2.5526	1.2645	25.308	2.6046	2.4371	24.678	5.0009	4.9040
#2	2.5552	1.2871	25.675	2.6512	2.4463	25.009	5.0005	5.0735
#3	2.5578	1.2705	25.430	2.6200	2.4455	24.817	4.9968	5.0502
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0951	5.1899	5.0349	5.0476	5.0950	5.232	5.1182	4.8061
Stddev	.0185	.0488	.0056	.0379	.0425	.007	.0451	.0957
%RSD	.36293	.93946	.11167	.75102	.83330	.1320	.88153	1.9913
#1	5.0756	5.1916	5.0290	5.0416	5.1211	5.224	5.1420	4.8452
#2	5.0973	5.1403	5.0402	5.0131	5.0460	5.236	5.0662	4.8761
#3	5.1124	5.2378	5.0354	5.0882	5.1179	5.235	5.1465	4.6970

Sample Name: CCV06 Acquired: 5/23/2019 18:43:29 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15005 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.4795
Stddev	1.0194
%RSD	68.901

#1	2.3600
#2	.36272
#3	1.7157

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3465.4	45340.	4155.1	42.194	3427.4
Stddev	11.1	317.	38.4	.566	6.3
%RSD	.32041	.69824	.92455	1.3412	.18525

#1	3454.1	45489.	4122.4	42.188	3421.7
#2	3465.6	44976.	4197.4	42.764	3426.3
#3	3476.3	45554.	4145.5	41.632	3434.3

Sample Name: CCB06 Acquired: 5/23/2019 18:47:36 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00156	.00067	.00067	-.00027	-.00024	.00936	.00134
Stddev	.00129	.00112	.00027	.00114	.00066	.00627	.00007
%RSD	83.003	168.01	40.938	415.36	277.75	67.009	5.4906

#1	.00148	.00031	.00050	-.00095	.00027	.00367	.00129
#2	.00288	.00192	.00052	-.00091	-.00000	.00833	.00142
#3	.00030	-.00023	.00098	.00104	-.00098	.01608	.00130

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00014	-.00358	.00051	.00015	-.00054	.00180
Stddev	.00000	.00003	.00582	.00016	.00023	.00018	.00030
%RSD	3.3198	20.709	162.62	32.101	159.70	32.354	16.520

#1	.00007	.00011	-.01008	.00036	-.00012	-.00056	.00161
#2	.00007	.00014	-.00184	.00049	.00023	-.00071	.00215
#3	.00007	.00017	.00117	.00068	.00033	-.00036	.00165

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.04626	.00011	.00020	-.03069	.00004	.00031
Stddev	.00002	.02994	.00007	.00010	.00935	.00040	.00012
%RSD	42.471	64.713	66.367	49.161	30.446	1093.3	38.114

#1	.00008	-.01706	.00015	.00031	-.02246	.00047	.00038
#2	.00006	-.07689	.00014	.00015	-.02877	-.00030	.00037
#3	.00003	-.04485	.00002	.00013	-.04085	-.00006	.00017

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08345	.00059	.01304	-.00279	.00148	-.00218	.00315
Stddev	.04135	.00026	.01670	.00052	.00051	.00065	.00134
%RSD	49.556	43.750	128.03	18.632	34.548	29.960	42.632

#1	.07738	.00084	.02450	-.00299	.00114	-.00146	.00347
#2	.12751	.00060	-.00612	-.00318	.00207	-.00235	.00168
#3	.04547	.00033	.02075	-.00220	.00123	-.00273	.00430

Sample Name: CCB06 Acquired: 5/23/2019 18:47:36 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15005 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00066	.0023	.00027	F 3.0008	F<.00000
Stddev	.00113	.0010	.00014	.3612	2.4537
%RSD	172.38	41.45	52.667	12.037	220.77

#1	.00086	.0033	.00043	2.8626	-3.4201
#2	.00168	.0024	.00017	2.7291	-1.3794
#3	-.00056	.0013	.00020	3.4107	1.4653

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3656.1	47689.	4242.5	43.830	3893.8
Stddev	15.8	340.	5.7	1.622	14.7
%RSD	.43268	.71279	.13458	3.7005	.37718

#1	3640.5	47897.	4241.6	41.959	3877.0
#2	3672.2	47875.	4248.6	44.834	3904.6
#3	3655.6	47297.	4237.2	44.698	3899.7

Sample Name: K3008-05 Acquired: 5/23/2019 18:52:05 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05791	-.02947	5.0133	-.00106	.02303	161.38	2.5463
Stddev	.00338	.00093	.0178	.00187	.00195	1.03	.0130
%RSD	5.8291	3.1688	.35440	176.54	8.4472	.64108	.51224

#1	.05601	-.03045	5.0217	-.00093	.02236	160.21	2.5312
#2	.05592	-.02939	5.0253	.00074	.02151	161.74	2.5546
#3	.06181	-.02859	4.9929	-.00299	.02522	162.19	2.5529

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01947	.01984	423.48	.45812	.16497	2.2575	265.60
Stddev	.00038	.00022	2.32	.00171	.00048	.0052	1.34
%RSD	1.9486	1.1150	.54778	.37283	.28980	.23099	.50411

#1	.01929	.02008	425.00	.45721	.16550	2.2536	265.26
#2	.01990	.01966	420.81	.45706	.16457	2.2556	267.08
#3	.01921	.01977	424.64	.46009	.16485	2.2634	264.47

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6667	136.25	.44412	-.03602	17.170	.57437	6.0455
Stddev	.0291	.50	.00082	.00073	.065	.00251	.0223
%RSD	.62282	.36341	.18432	2.0214	.38057	.43714	.36874

#1	4.6332	135.68	.44364	-.03581	17.102	.57349	6.0538
#2	4.6853	136.58	.44366	-.03543	17.232	.57242	6.0624
#3	4.6815	136.49	.44507	-.03684	17.175	.57720	6.0202

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.379	.01173	.23195	F 11.151	2.1299	.25635	9.4031
Stddev	.205	.00037	.00735	.013	.0357	.00156	.0424
%RSD	.46183	3.1620	3.1704	.11731	1.6766	.60905	.45090

#1	44.144	.01177	.22877	11.163	2.1603	.25675	9.4303
#2	44.519	.01133	.24036	11.154	2.0906	.25767	9.3542
#3	44.474	.01207	.22672	11.137	2.1389	.25462	9.4247

Sample Name: K3008-05 Acquired: 5/23/2019 18:52:05 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-21 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.25977	F 10.35	.78321	<.00000	F<.00000
Stddev	.00142	.02	.00614	.15758	.80639
%RSD	.54562	.1797	.78402	6.5806	1.1910
#1	.26137	10.37	.78635	-2.2177	-67.013
#2	.25867	10.34	.77613	-2.4459	-68.592
#3	.25926	10.34	.78714	-2.5201	-67.520
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3771.9	49656.	4947.0	40.315	2976.7
Stddev	5.1	105.	34.1	.636	12.8
%RSD	.13437	.21149	.68914	1.5786	.43046
#1	3775.4	49774.	4913.9	39.594	2970.2
#2	3774.3	49621.	4982.0	40.557	2968.3
#3	3766.1	49573.	4945.0	40.796	2991.4

Sample Name: K2993-16 Acquired: 5/23/2019 18:56:39 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01044	-.10970	.29293	-.04633	.01451	373.92	1.4417
Stddev	.00260	.00605	.00168	.00242	.00058	1.56	.0092
%RSD	24.894	5.5171	.57187	5.2200	4.0053	.41767	.63665

#1	.00749	-.11664	.29100	-.04391	.01399	373.70	1.4421
#2	.01141	-.10548	.29394	-.04633	.01442	372.47	1.4323
#3	.01241	-.10699	.29386	-.04875	.01514	375.57	1.4507

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03752	.03734	8.8792	.53021	.62942	.78556	332.48
Stddev	.00040	.00049	.0337	.00083	.00132	.00088	2.79
%RSD	1.0787	1.3256	.37988	.15668	.20950	.11241	.84019

#1	.03754	.03677	8.8887	.53049	.62861	.78586	335.54
#2	.03711	.03756	8.9072	.52928	.62871	.78626	330.06
#3	.03792	.03769	8.8418	.53087	.63094	.78457	331.85

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.754	93.723	.72429	-.07509	3.7802	.69830	1.7581
Stddev	.023	.204	.00138	.00037	.0186	.00227	.0085
%RSD	.21055	.21819	.19110	.48800	.49160	.32457	.48518

#1	10.780	93.540	.72335	-.07466	3.7862	.70069	1.7483
#2	10.741	93.686	.72365	-.07528	3.7594	.69619	1.7621
#3	10.742	93.944	.72588	-.07531	3.7950	.69801	1.7639

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	91.609	-.00234	.11821	2.0719	1.6133	.04765	F 16.733
Stddev	.367	.00008	.00652	.0120	.0175	.00294	.076
%RSD	.40101	3.3182	5.5179	.57896	1.0865	6.1674	.45329

#1	91.747	-.00225	.12171	2.0854	1.6168	.04697	16.761
#2	91.193	-.00239	.12223	2.0624	1.6288	.05087	16.791
#3	91.887	-.00237	.11068	2.0678	1.5942	.04511	16.647

Sample Name: K2993-16 Acquired: 5/23/2019 18:56:39 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22813	9.836	-.28380	<.00000	F<.00000
Stddev	.00083	.014	.00314	.27030	2.6280
%RSD	.36587	.1467	1.1050	1.3742	.86510

#1	.22796	9.824	-.28724	-19.373	-306.81
#2	.22904	9.852	-.28111	-19.735	-302.50
#3	.22739	9.831	-.28306	-19.901	-302.05

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5470.7	70979.	7072.0	41.380	2919.2
Stddev	5.5	344.	58.5	1.251	10.4
%RSD	.10124	.48405	.82697	3.0225	.35711

#1	5464.4	70641.	7030.7	41.015	2930.6
#2	5474.7	71328.	7046.3	40.352	2916.8
#3	5473.0	70968.	7138.9	42.772	2910.2

Sample Name: K2993-17 Acquired: 5/23/2019 19:01:13 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00572	-.03906	.39112	-.02430	.01314	409.68	1.1521
Stddev	.00222	.00232	.00228	.00467	.00071	3.95	.0091
%RSD	38.747	5.9379	.58378	19.205	5.4214	.96400	.78645

#1	.00321	-.03639	.38916	-.02936	.01236	405.14	1.1417
#2	.00739	-.04055	.39058	-.02335	.01375	411.61	1.1561
#3	.00658	-.04025	.39363	-.02018	.01330	412.29	1.1585

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03580	.01179	7.7501	.48371	.37930	.96911	337.97
Stddev	.00012	.00028	.0478	.00131	.00029	.00183	2.05
%RSD	.32628	2.3537	.61671	.26990	.07665	.18909	.60748

#1	.03572	.01209	7.7482	.48242	.37946	.97102	335.62
#2	.03574	.01174	7.7989	.48503	.37947	.96737	339.41
#3	.03593	.01154	7.7033	.48367	.37896	.96892	338.89

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.2607	69.201	.51894	-.05893	2.1248	.74575	.93486
Stddev	.0385	.753	.00074	.00078	.0135	.00111	.00487
%RSD	.53016	1.0875	.14254	1.3224	.63558	.14944	.52060

#1	7.2173	68.382	.51922	-.05847	2.1095	.74457	.93843
#2	7.2742	69.357	.51810	-.05850	2.1349	.74588	.92932
#3	7.2907	69.863	.51949	-.05983	2.1301	.74679	.93683

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	75.924	.02656	.18731	3.9378	2.2934	.03041	F 10.979
Stddev	.402	.00013	.01873	.0050	.0098	.00210	.049
%RSD	.52987	.47943	9.9970	.12753	.42780	6.9051	.45052

#1	75.477	.02669	.20205	3.9432	2.2982	.03261	10.928
#2	76.257	.02644	.16624	3.9333	2.2821	.03020	11.026
#3	76.038	.02655	.19364	3.9371	2.2999	.02843	10.982

Sample Name: K2993-17 Acquired: 5/23/2019 19:01:13 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16055	6.915	-.30712	<.00000	F<.00000
Stddev	.00105	.016	.00204	.31654	1.5005
%RSD	.65710	.2253	.66575	3.3745	.88413
#1	.16030	6.933	-.30477	-9.3196	-168.68
#2	.15964	6.908	-.30852	-9.0988	-169.03
#3	.16171	6.904	-.30807	-9.7231	-171.44
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4505.5	57667.	5660.3	41.161	3080.9
Stddev	10.2	110.	34.8	1.273	18.2
%RSD	.22740	.19043	.61525	3.0915	.59037
#1	4497.7	57780.	5630.6	40.478	3068.6
#2	4517.1	57561.	5651.7	42.630	3101.8
#3	4501.6	57659.	5698.6	40.377	3072.3

Sample Name: K2993-18 Acquired: 5/23/2019 19:05:47 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00738	-.08295	.24271	-.02902	.01244	322.89	1.4720
Stddev	.00172	.00345	.00266	.00222	.00117	1.00	.0072
%RSD	23.264	4.1619	1.0978	7.6339	9.4294	.31092	.48668

#1	-.00743	-.08550	.23964	-.03069	.01109	321.92	1.4653
#2	-.00564	-.08432	.24428	-.02986	.01319	323.93	1.4795
#3	-.00907	-.07902	.24422	-.02651	.01305	322.81	1.4711

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04227	.02856	4.5413	.48096	.45931	1.0573	317.62
Stddev	.00038	.00031	.0355	.00075	.00027	.0005	1.06
%RSD	.88909	1.0835	.78155	.15563	.05837	.05039	.33449

#1	.04235	.02870	4.5340	.48052	.45903	1.0579	317.29
#2	.04186	.02878	4.5100	.48183	.45957	1.0570	316.77
#3	.04260	.02821	4.5799	.48054	.45933	1.0570	318.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.714	90.598	.74994	-.06457	1.9481	.65575	1.7860
Stddev	.031	.402	.00119	.00050	.0121	.00157	.0087
%RSD	.26746	.44415	.15918	.77422	.62177	.23900	.48644

#1	11.684	90.228	.74874	-.06409	1.9369	.65509	1.7907
#2	11.747	91.026	.75112	-.06509	1.9610	.65754	1.7913
#3	11.712	90.539	.74997	-.06453	1.9466	.65462	1.7760

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	79.485	.01198	.13651	3.4944	1.7334	.03848	F 14.723
Stddev	.223	.00019	.01273	.0089	.0234	.00163	.081
%RSD	.28031	1.5476	9.3276	.25617	1.3504	4.2366	.55285

#1	79.424	.01191	.13046	3.4879	1.7379	.04029	14.691
#2	79.732	.01184	.12793	3.4907	1.7081	.03713	14.661
#3	79.299	.01219	.15114	3.5046	1.7542	.03802	14.815

Sample Name: K2993-18 Acquired: 5/23/2019 19:05:47 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24222	F 11.33	-.29800	<.00000	F<.00000
Stddev	.00068	.02	.00119	.40316	2.0630
%RSD	.28180	.1668	.39868	2.3354	.82298

#1	.24188	11.31	-.29767	-17.426	-251.19
#2	.24177	11.33	-.29701	-16.804	-252.43
#3	.24300	11.35	-.29932	-17.559	-248.40

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5371.5	69491.	6778.2	41.691	2986.3
Stddev	28.2	86.	49.1	.305	23.0
%RSD	.52458	.12433	.72467	.73263	.76944

#1	5346.2	69490.	6756.8	41.511	2970.7
#2	5366.4	69404.	6834.4	41.519	2975.5
#3	5401.9	69577.	6743.5	42.044	3012.7

Sample Name: K2993-18DUP Acquired: 5/23/2019 19:10:19 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-3DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00778	-.08371	.24881	-.02810	.01313	322.10	1.4861
Stddev	.00269	.00267	.00188	.00027	.00208	1.32	.0102
%RSD	34.568	3.1846	.75472	.96962	15.818	.40865	.68708

#1	-.01080	-.08148	.24677	-.02823	.01487	320.59	1.4748
#2	-.00562	-.08666	.25047	-.02829	.01369	322.95	1.4946
#3	-.00694	-.08299	.24920	-.02779	.01083	322.77	1.4890

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04247	.02808	4.5724	.47422	.46730	1.0569	318.63
Stddev	.00031	.00021	.0189	.00238	.00125	.0012	1.46
%RSD	.72437	.73333	.41257	.50274	.26827	.10848	.45726

#1	.04265	.02832	4.5789	.47263	.46735	1.0558	318.93
#2	.04265	.02792	4.5511	.47696	.46602	1.0568	317.05
#3	.04212	.02801	4.5871	.47307	.46853	1.0581	319.92

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.843	90.662	.75735	-.06470	1.9569	.65493	1.7941
Stddev	.032	.664	.00106	.00047	.0191	.00067	.0014
%RSD	.27208	.73185	.14048	.73312	.97638	.10297	.08030

#1	11.810	89.976	.75703	-.06523	1.9352	.65477	1.7938
#2	11.844	91.300	.75649	-.06432	1.9712	.65568	1.7928
#3	11.875	90.711	.75854	-.06454	1.9643	.65436	1.7957

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	79.252	.01190	.13994	3.5016	1.6859	.03826	F 14.641
Stddev	.189	.00023	.01279	.0024	.0252	.00140	.053
%RSD	.23827	1.9172	9.1434	.06846	1.4957	3.6721	.36013

#1	79.064	.01175	.15335	3.5041	1.6987	.03830	14.633
#2	79.442	.01179	.12787	3.5015	1.6568	.03965	14.593
#3	79.251	.01217	.13859	3.4993	1.7021	.03684	14.697

Sample Name: K2993-18DUP Acquired: 5/23/2019 19:10:19 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-3DUP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24106	F 11.28	-.29902	<.00000	F<.00000
Stddev	.00009	.02	.00160	.38247	3.8087
%RSD	.03636	.1812	.53513	2.2334	1.5101

#1	.24106	11.27	-.29954	-17.038	-255.95
#2	.24097	11.26	-.29723	-16.793	-248.34
#3	.24114	11.30	-.30030	-17.543	-252.34

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5357.6	69569.	6820.0	39.818	2974.1
Stddev	4.3	76.	45.8	1.397	7.1
%RSD	.07949	.10996	.67199	3.5080	.23845

#1	5359.4	69617.	6779.2	41.361	2974.3
#2	5360.7	69481.	6869.6	38.640	2981.1
#3	5352.8	69609.	6811.2	39.454	2966.9

Sample Name: K2993-18LX5 Acquired: 5/23/2019 19:14:50 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	-.01102	.03642	.00620	.00407	90.220	.41456
Stddev	.00111	.00129	.00070	.00275	.00071	.579	.00243
%RSD	238.82	11.708	1.9281	44.415	17.353	.64183	.58683

#1	-.00017	-.01170	.03722	.00404	.00485	89.575	.41287
#2	-.00169	-.01182	.03593	.00525	.00347	90.393	.41347
#3	.00047	-.00953	.03610	.00930	.00390	90.693	.41735

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01161	-.00369	1.2920	.13946	.08838	.32529	134.51
Stddev	.00017	.00012	.0144	.00076	.00016	.00064	.17
%RSD	1.4940	3.2045	1.1156	.54377	.17572	.19793	.12360

#1	.01142	-.00364	1.2887	.13858	.08844	.32602	134.31
#2	.01165	-.00361	1.3077	.13989	.08821	.32508	134.62
#3	.01176	-.00383	1.2795	.13989	.08850	.32478	134.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8226	25.871	.14462	-.01324	.52045	.19628	.31860
Stddev	.0285	.208	.00011	.00005	.01072	.00082	.00040
%RSD	.74439	.80457	.07829	.34147	2.0604	.41844	.12639

#1	3.8370	25.896	.14450	-.01326	.51404	.19692	.31897
#2	3.7898	25.652	.14472	-.01319	.51448	.19656	.31865
#3	3.8409	26.066	.14463	-.01328	.53283	.19535	.31817

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.293	.00326	.11222	.70537	.53974	.00630	4.4667
Stddev	.108	.00019	.00846	.00630	.00466	.00104	.0265
%RSD	.48602	5.8042	7.5381	.89317	.86269	16.549	.59295

#1	22.171	.00340	.11890	.70043	.53901	.00666	4.4428
#2	22.377	.00334	.10271	.71247	.54472	.00512	4.4952
#3	22.332	.00305	.11505	.70322	.53549	.00711	4.4622

Sample Name: K2993-18LX5 Acquired: 5/23/2019 19:14:50 Type: Unk
 Method: P4-ICP2(v3144) 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	.07130	2.141	-.13253	<.00000	F<.00000
Stddev	.00104	.005	.00016	.25295	2.4612
%RSD	1.4656	.2131	.11919	32.849	11.616

#1	.07200	2.138	-.13235	-.51768	-23.911
#2	.07010	2.146	-.13258	-1.0236	-19.124
#3	.07179	2.139	-.13266	-.76886	-20.527

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3966.0	51551.	4742.8	41.261	3475.1
Stddev	4.5	93.	39.4	.590	6.4
%RSD	.11411	.18126	.83038	1.4310	.18440

#1	3964.0	51655.	4759.2	41.889	3467.7
#2	3971.2	51522.	4697.9	41.176	3479.2
#3	3962.8	51475.	4771.3	40.717	3478.4

Sample Name: K2993-18MS Acquired: 5/23/2019 19:19:24 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-3MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43253	1.8981	1.2174	1.0899	.09153	334.32	1.6509
Stddev	.00358	.0043	.0017	.0072	.00167	2.90	.0102
%RSD	.82738	.22570	.14072	.65904	1.8246	.86764	.61700

#1	.42893	1.9017	1.2193	1.0836	.09345	331.00	1.6399
#2	.43257	1.8933	1.2161	1.0883	.09060	335.63	1.6528
#3	.43608	1.8992	1.2167	1.0977	.09052	336.34	1.6600

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16295	.23102	5.0264	.70639	.69269	1.2343	317.09
Stddev	.00029	.00094	.0121	.00194	.00209	.0018	.30
%RSD	.17499	.40578	.24035	.27455	.30218	.14732	.09431

#1	.16319	.23206	5.0375	.70859	.69090	1.2347	317.05
#2	.16264	.23075	5.0135	.70494	.69218	1.2323	317.40
#3	.16304	.23024	5.0280	.70563	.69499	1.2359	316.81

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.845	95.928	1.2583	-.02000	4.0046	.84362	2.0862
Stddev	.014	.465	.0022	.00056	.0160	.00260	.0092
%RSD	.12040	.48423	.17107	2.8036	.39870	.30854	.44140

#1	11.834	95.419	1.2596	-.02065	3.9880	.84662	2.0940
#2	11.861	96.037	1.2558	-.01966	4.0060	.84212	2.0885
#3	11.841	96.328	1.2593	-.01970	4.0199	.84211	2.0760

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	89.868	.21050	.27781	3.4950	2.0314	.68465	F 15.629
Stddev	.525	.00131	.00495	.0190	.0219	.00350	.057
%RSD	.58378	.62317	1.7810	.54445	1.0801	.51064	.36515

#1	89.263	.21021	.28263	3.4981	2.0564	.68835	15.568
#2	90.151	.20936	.27275	3.4747	2.0154	.68141	15.681
#3	90.191	.21194	.27806	3.5124	2.0223	.68417	15.637

Sample Name: K2993-18MS Acquired: 5/23/2019 19:19:24 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-3MS Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.37252	F 17.28	-.18067	<.00000	F<.00000
Stddev	.00254	.09	.00056	.09082	.76336
%RSD	.68132	.4998	.31112	.49220	.29835
#1	.36960	17.37	-.18130	-18.365	-256.12
#2	.37418	17.27	-.18049	-18.445	-256.46
#3	.37377	17.20	-.18021	-18.547	-255.00
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5448.9	70513.	6877.3	39.679	2948.9
Stddev	6.0	52.	20.4	1.527	12.6
%RSD	.11003	.07426	.29643	3.8476	.42676
#1	5447.5	70490.	6857.8	38.050	2936.8
#2	5455.4	70573.	6875.6	41.078	2948.0
#3	5443.7	70477.	6898.5	39.909	2962.0

Sample Name: K2993-18MSD Acquired: 5/23/2019 19:23:49 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-3MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43087	1.8943	1.2078	1.0822	.09333	330.62	1.6423
Stddev	.00272	.0086	.0022	.0076	.00097	1.37	.0062
%RSD	.63224	.45493	.18401	.69811	1.0367	.41347	.37509

#1	.43001	1.8882	1.2077	1.0894	.09227	329.84	1.6374
#2	.43392	1.8906	1.2101	1.0830	.09358	329.82	1.6403
#3	.42868	1.9042	1.2056	1.0743	.09415	332.20	1.6492

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16240	.22863	5.0585	.70480	.68895	1.2304	316.41
Stddev	.00023	.00073	.0398	.00057	.00151	.0004	.69
%RSD	.14430	.32131	.78687	.08112	.21980	.03609	.21864

#1	.16213	.22871	5.0333	.70546	.69066	1.2304	315.80
#2	.16252	.22786	5.0378	.70442	.68777	1.2308	316.26
#3	.16256	.22932	5.1044	.70452	.68843	1.2299	317.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.849	95.544	1.2506	-.01973	3.9799	.84262	2.0694
Stddev	.036	.046	.0021	.00013	.0165	.00202	.0069
%RSD	.30638	.04831	.17001	.66151	.41418	.23930	.33542

#1	11.839	95.553	1.2511	-.01976	3.9610	.84239	2.0692
#2	11.889	95.585	1.2524	-.01958	3.9912	.84474	2.0626
#3	11.819	95.494	1.2482	-.01984	3.9875	.84073	2.0765

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	88.675	.20967	.28658	3.4752	1.9841	.68353	F 15.545
Stddev	.078	.00076	.00449	.0080	.0197	.00064	.059
%RSD	.08763	.36010	1.5684	.22866	.99131	.09353	.37638

#1	88.628	.21030	.29137	3.4818	2.0045	.68279	15.528
#2	88.632	.20988	.28246	3.4664	1.9653	.68391	15.498
#3	88.765	.20883	.28591	3.4775	1.9825	.68388	15.611

Sample Name: K2993-18MSD Acquired: 5/23/2019 19:23:49 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-3MSD Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.37037	F 17.16	-.18064	<.00000	F<.00000
Stddev	.00266	.06	.00049	.19539	2.1180
%RSD	.71943	.3281	.27283	1.1293	.82033
#1	.37287	17.14	-.18007	-17.341	-257.97
#2	.36756	17.11	-.18098	-17.090	-260.41
#3	.37068	17.22	-.18085	-17.475	-256.19
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5455.8	70624.	6869.0	39.374	2956.9
Stddev	8.9	95.	6.1	1.198	8.8
%RSD	.16391	.13411	.08893	3.0438	.29649
#1	5445.5	70691.	6862.1	39.732	2955.9
#2	5460.9	70516.	6871.0	38.037	2966.1
#3	5461.0	70666.	6873.8	40.352	2948.6

Sample Name: K2993-18A Acquired: 5/23/2019 19:28:14 Type: Unk
Method: P4-ICP2(v3144) 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	.42929	1.8835	1.1911	1.0827	.09014	325.26	1.6340
Stddev	.00336	.0054	.0028	.0023	.00123	2.12	.0080
%RSD	.78341	.28907	.23641	.21530	1.3632	.65270	.48774

#1	.42636	1.8897	1.1891	1.0803	.09064	322.87	1.6259
#2	.43297	1.8795	1.1899	1.0828	.08875	326.00	1.6344
#3	.42856	1.8812	1.1944	1.0850	.09105	326.92	1.6418

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16041	.22566	5.0847	.70763	.68812	1.2163	315.33
Stddev	.00056	.00086	.0242	.00198	.00105	.0039	.08
%RSD	.34766	.37907	.47508	.28015	.15297	.32028	.02485

#1	.15983	.22467	5.0595	.70724	.68747	1.2126	315.25
#2	.16095	.22615	5.0869	.70977	.68933	1.2161	315.40
#3	.16045	.22615	5.1076	.70587	.68755	1.2203	315.36

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.725	93.750	1.2265	-.01862	3.9579	.83477	2.0414
Stddev	.045	.581	.0020	.00051	.0246	.00091	.0040
%RSD	.37999	.61925	.16072	2.7151	.62050	.10900	.19770

#1	11.725	93.092	1.2260	-.01902	3.9296	.83578	2.0368
#2	11.681	93.971	1.2248	-.01879	3.9703	.83401	2.0437
#3	11.770	94.188	1.2287	-.01805	3.9738	.83454	2.0439

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	86.814	.21017	.29553	3.3960	1.9222	.67721	F 15.455
Stddev	.332	.00047	.00722	.0046	.0374	.00094	.078
%RSD	.38266	.22167	2.4445	.13695	1.9449	.13940	.50153

#1	86.437	.20977	.29387	3.3998	1.9643	.67648	15.453
#2	86.941	.21007	.30343	3.3908	1.9097	.67687	15.378
#3	87.064	.21068	.28927	3.3975	1.8927	.67827	15.533

Sample Name: K2993-18A Acquired: 5/23/2019 19:28:14 Type: Unk
Method: P4-ICP2(v3144) 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	.36607	F 16.95	-.17962	<.00000	F<.00000
Stddev	.00179	.05	.00077	.36519	4.1043
%RSD	.48850	.3223	.42641	2.1710	1.6380
#1	.36434	16.89	-.17943	-16.408	-246.09
#2	.36597	16.98	-.18046	-17.101	-254.16
#3	.36791	16.99	-.17897	-16.955	-251.43
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5429.9	70201.	6778.8	40.813	2960.9
Stddev	12.4	108.	32.0	.519	2.6
%RSD	.22889	.15388	.47274	1.2716	.08902
#1	5436.5	70283.	6746.2	40.912	2963.8
#2	5437.7	70079.	6810.2	41.276	2960.2
#3	5415.6	70241.	6779.9	40.252	2958.6

Sample Name: K3004-01 Acquired: 5/23/2019 19:32:40 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CHRT-26835 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01834	-.00832	.31253	.00679	.00661	104.77	.57421
Stddev	.00232	.00197	.00116	.00290	.00117	.76	.00287
%RSD	12.645	23.679	.37182	42.746	17.736	.72342	.50058

#1	.02068	-.00795	.31188	.00878	.00629	104.01	.57187
#2	.01830	-.00656	.31388	.00812	.00791	104.76	.57333
#3	.01604	-.01044	.31185	.00346	.00563	105.52	.57742

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01344	-.00164	60.399	.15895	.11983	.68808	184.16
Stddev	.00021	.00023	.213	.00068	.00026	.00138	.64
%RSD	1.5493	14.170	.35321	.42658	.22070	.20081	.34595

#1	.01324	-.00186	60.170	.15938	.11957	.68748	184.75
#2	.01366	-.00139	60.434	.15817	.12010	.68711	183.48
#3	.01341	-.00168	60.593	.15931	.11983	.68966	184.24

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1209	62.853	.26305	-.01934	6.0817	.41544	.92300
Stddev	.0052	.524	.00023	.00035	.0320	.00279	.00172
%RSD	.16766	.83299	.08903	1.7944	.52551	.67135	.18681

#1	3.1222	62.379	.26287	-.01931	6.0460	.41866	.92107
#2	3.1151	62.765	.26331	-.01970	6.0915	.41393	.92439
#3	3.1254	63.415	.26297	-.01901	6.1077	.41373	.92353

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.427	.00099	.80427	3.9652	1.8285	.02136	5.1453
Stddev	.010	.00028	.00874	.0237	.0403	.00095	.0270
%RSD	.08509	28.142	1.0865	.59854	2.2017	4.4574	.52552

#1	11.426	.00128	.81435	3.9379	1.8671	.02241	5.1145
#2	11.418	.00072	.79884	3.9774	1.8317	.02055	5.1649
#3	11.437	.00097	.79962	3.9805	1.7868	.02112	5.1566

Sample Name: K3004-01 Acquired: 5/23/2019 19:32:40 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CHRT-26835 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23977	4.300	.01270	<.00000	F<.00000
Stddev	.00219	.018	.00155	.17291	1.9084
%RSD	.91257	.4072	12.230	101.75	4.8181

#1	.23816	4.280	.01144	-.28188	-37.808
#2	.23888	4.311	.01444	-.25712	-41.609
#3	.24226	4.309	.01224	.02922	-39.410

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3862.3	50835.	4829.9	43.784	3361.9
Stddev	5.6	129.	26.9	.309	3.2
%RSD	.14480	.25426	.55666	.70467	.09393

#1	3863.5	50725.	4811.3	44.109	3360.0
#2	3867.3	50977.	4817.7	43.495	3360.1
#3	3856.3	50803.	4860.7	43.746	3365.5

Sample Name: CCV07 Acquired: 5/23/2019 19:37:04 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0027	5.1592	4.8928	5.1727	4.9577	9.7714	10.011	.24954
Stddev	.0031	.0098	.0069	.0113	.0005	.0233	.027	.00081
%RSD	.06127	.18899	.14102	.21825	.01029	.23876	.27104	.32354
#1	5.0062	5.1669	4.8968	5.1857	4.9581	9.7568	10.025	.24941
#2	5.0002	5.1624	4.8968	5.1657	4.9580	9.7591	9.9802	.25041
#3	5.0018	5.1482	4.8849	5.1668	4.9571	9.7983	10.029	.24881
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4977	26.154	1.0312	2.4756	1.2252	5.1720	2.5465	24.248
Stddev	.0040	.149	.0009	.0043	.0019	.0108	.0023	.253
%RSD	.15824	.56845	.08449	.17220	.15629	.20839	.09191	1.0418
#1	2.5015	26.011	1.0305	2.4783	1.2269	5.1837	2.5471	24.002
#2	2.4980	26.144	1.0322	2.4777	1.2257	5.1700	2.5485	24.236
#3	2.4936	26.308	1.0311	2.4707	1.2231	5.1624	2.5439	24.507
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5583	1.2790	25.775	2.6454	2.4370	25.064	4.9891	5.0361
Stddev	.0037	.0013	.117	.0006	.0038	.129	.0047	.0270
%RSD	.14527	.10241	.45346	.02423	.15525	.51656	.09440	.53671
#1	2.5619	1.2790	25.703	2.6447	2.4384	25.054	4.9920	5.0154
#2	2.5585	1.2803	25.712	2.6454	2.4399	24.940	4.9916	5.0261
#3	2.5545	1.2777	25.910	2.6460	2.4327	25.199	4.9836	5.0667
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1020	5.2445	5.0342	5.0746	5.0989	5.225	5.1773	5.4289
Stddev	.0180	.0108	.0113	.0169	.0386	.015	.0302	.2431
%RSD	.35242	.20664	.22471	.33319	.75740	.2799	.58400	4.4781
#1	5.1222	5.2544	5.0365	5.0736	5.1114	5.241	5.1621	5.1531
#2	5.0958	5.2329	5.0442	5.0581	5.0555	5.224	5.1577	5.6123
#3	5.0878	5.2463	5.0219	5.0919	5.1297	5.211	5.2121	5.5212

Sample Name: CCV07 Acquired: 5/23/2019 19:37:04 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.2063
Stddev	.5665
%RSD	46.957

#1	1.1392
#2	.67644
#3	1.8034

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3469.1	45181.	4137.6	42.695	3425.6
Stddev	6.8	154.	15.0	.761	8.6
%RSD	.19527	.34177	.36141	1.7830	.25234

#1	3461.5	45003.	4122.7	42.681	3416.2
#2	3471.6	45282.	4152.6	41.940	3427.3
#3	3474.3	45258.	4137.4	43.463	3433.2

Sample Name: CCB07 Acquired: 5/23/2019 19:41:08 Type: Unk
Method: P4-ICP2(v3144) 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	.00243	.00077	.00046	.00025	-.00121	-.00472	.00081	.00008
Stddev	.00067	.00021	.00082	.00194	.00094	.00389	.00020	.00003
%RSD	27.641	27.128	179.85	765.68	77.417	82.428	24.362	40.794
#1	.00255	.00074	-.00038	.00186	-.00053	-.00038	.00088	.00007
#2	.00171	.00099	.00049	-.00190	-.00083	-.00588	.00097	.00011
#3	.00303	.00058	.00127	.00079	-.00229	-.00788	.00059	.00005
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.01422	.00010	-.00001	-.00064	.00303	.00004	-.05712
Stddev	.00003	.00664	.00005	.00004	.00033	.00030	.00004	.03192
%RSD	25.910	46.651	53.261	371.00	51.818	9.8435	87.734	55.876
#1	.00011	-.01741	.00008	.00001	-.00066	.00334	.00009	-.02138
#2	.00016	-.01867	.00016	.00001	-.00097	.00300	.00003	-.08279
#3	.00010	-.00660	.00006	-.00005	-.00030	.00275	.00002	-.06720
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00020	-.03826	.00026	.00000	.14513	.00034	.01593
Stddev	.00020	.00054	.01012	.00086	.00005	.01554	.00023	.00381
%RSD	99.408	264.57	26.449	324.39	1640.4	10.705	68.351	23.920
#1	.00038	-.00049	-.04898	-.00061	.00004	.16072	.00055	.02015
#2	-.00002	.00042	-.03692	.00110	.00002	.14501	.00039	.01273
#3	.00024	-.00054	-.02888	.00031	-.00005	.12965	.00009	.01492
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00857	.00519	-.00190	.00335	.00031	.0022	.00024	F 3.1672
Stddev	.00332	.00389	.00058	.00117	.00266	.0026	.00006	.1138
%RSD	38.781	74.865	30.376	34.860	851.25	117.0	23.812	3.5914
#1	-.00511	.00967	-.00187	.00470	-.00253	-.0008	.00031	3.0568
#2	-.01173	.00270	-.00134	.00261	.00073	.0037	.00020	3.2840
#3	-.00885	.00321	-.00250	.00274	.00274	.0038	.00022	3.1608

Sample Name: CCB07 Acquired: 5/23/2019 19:41:08 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.0186
Stddev	.3082
%RSD	30.256

#1	.68547
#2	1.0768
#3	1.2935

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3650.5	47789.	4164.9	43.323	3885.3
Stddev	9.9	137.	4.1	.980	6.7
%RSD	.27033	.28648	.09819	2.2614	.17189

#1	3645.6	47946.	4166.6	42.200	3882.7
#2	3661.8	47697.	4167.8	43.770	3892.9
#3	3643.9	47724.	4160.2	44.000	3880.3

Sample Name: K2970-17 Acquired: 5/23/2019 19:45:37 Type: Unk
Method: P4-ICP2(v3144) 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	.01356	.00127	.16846	.00466	.01829	3.7720	4.4532	.00054
Stddev	.00339	.00214	.00046	.00108	.00114	.0478	.0170	.00005
%RSD	24.965	168.92	.27068	23.177	6.2572	1.2659	.38108	9.5622

#1	.01140	.00180	.16880	.00564	.01943	3.7765	4.4352	.00049
#2	.01182	.00309	.16794	.00483	.01714	3.7221	4.4689	.00059
#3	.01746	-.00109	.16864	.00350	.01831	3.8173	4.4555	.00054

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	345.25	.00894	.00381	.04064	4.8429	2.5800	46.616
Stddev	.00005	3.40	.00028	.00007	.00013	.0056	.0070	.512
%RSD	29.583	.98424	3.1505	1.7549	.31149	.11646	.26991	1.0977

#1	.00022	341.80	.00899	.00389	.04075	4.8435	2.5776	46.112
#2	.00017	348.60	.00919	.00380	.04068	4.8370	2.5745	46.600
#3	.00012	345.34	.00864	.00375	.04050	4.8482	2.5878	47.135

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00512	-.00100	F 2209.8	.00504	.15148	44.630	.01749	.38758
Stddev	.00027	.00050	17.3	.00017	.00032	.150	.00028	.01739
%RSD	5.2094	50.475	.78238	3.4254	.21374	.33708	1.6053	4.4877

#1	.00490	-.00124	2229.6	.00485	.15184	44.456	.01719	.40682
#2	.00542	-.00134	2201.7	.00507	.15121	44.722	.01775	.38295
#3	.00506	-.00042	2198.0	.00519	.15139	44.712	.01753	.37297

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6665	F 21.304	.01227	.07842	.22722	.2615	2.7082	9.7691
Stddev	.0067	.136	.00182	.00112	.00304	.0026	.0209	.1053
%RSD	.25198	.63752	14.815	1.4291	1.3368	1.001	.77139	1.0773

#1	2.6590	21.182	.01332	.07857	.22372	.2619	2.6903	9.7999
#2	2.6687	21.450	.01332	.07723	.22915	.2587	2.7312	9.6519
#3	2.6719	21.281	.01017	.07946	.22880	.2639	2.7032	9.8556

Sample Name: K2970-17 Acquired: 5/23/2019 19:45:37 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	20.874
Stddev	2.559
%RSD	12.261

#1	19.381
#2	19.413
#3	23.830

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2898.7	36922.	3887.1	39.042	2626.5
Stddev	8.8	30.	20.0	1.079	9.1
%RSD	.30245	.08206	.51372	2.7644	.34578

#1	2892.7	36887.	3895.5	38.773	2617.0
#2	2894.6	36942.	3864.3	40.231	2627.3
#3	2908.7	36935.	3901.5	38.123	2635.1

Sample Name: K2994-17 Acquired: 5/23/2019 19:50:08 Type: Unk
Method: P4-ICP2(v3144) 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	.03213	.00022	.10814	.00426	.01415	5.2889	3.5686	.00094
Stddev	.00355	.00077	.00189	.00142	.00161	.0321	.0187	.00013
%RSD	11.049	344.17	1.7504	33.311	11.397	.60755	.52410	13.425
#1	.03581	-.00066	.10905	.00263	.01601	5.2568	3.5527	.00081
#2	.02873	.00070	.10941	.00502	.01321	5.3210	3.5892	.00096
#3	.03184	.00063	.10597	.00514	.01323	5.2888	3.5639	.00106
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	252.21	.05938	.00419	.07140	18.018	1.0557	31.152
Stddev	.00003	4.34	.00041	.00005	.00060	.016	.0006	.381
%RSD	7.0621	1.7225	.69309	1.2503	.84308	.08789	.05475	1.2217
#1	-.00043	247.34	.05891	.00417	.07168	18.022	1.0556	30.712
#2	-.00050	253.59	.05969	.00425	.07180	18.031	1.0563	31.365
#3	-.00046	255.70	.05953	.00416	.07070	18.000	1.0552	31.378
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01789	-.00133	574.41	.01754	.08972	20.914	.01013	.56754
Stddev	.00025	.00048	3.00	.00029	.00030	.042	.00009	.01199
%RSD	1.3842	36.438	.52196	1.6752	.32883	.20163	.93317	2.1127
#1	.01810	-.00135	575.34	.01784	.08980	20.866	.01012	.55786
#2	.01762	-.00180	576.84	.01725	.08997	20.932	.01004	.56379
#3	.01797	-.00083	571.06	.01752	.08940	20.945	.01023	.58095
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9168	F 28.544	.01059	.18888	.12038	.3361	1.5832	7.8715
Stddev	.0132	.332	.00033	.00441	.00219	.0021	.0228	.1232
%RSD	.22342	1.1619	3.1458	2.3360	1.8232	.6161	1.4407	1.5652
#1	5.9220	28.177	.01046	.18495	.11789	.3357	1.5572	8.0009
#2	5.9018	28.635	.01097	.19365	.12125	.3343	1.5921	7.7556
#3	5.9267	28.821	.01034	.18803	.12201	.3384	1.6001	7.8581

Sample Name: K2994-17 Acquired: 5/23/2019 19:50:08 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	19.592
Stddev	1.932
%RSD	9.8607

#1	21.748
#2	19.011
#3	18.018

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3180.0	41184.	4038.2	40.201	3023.7
Stddev	23.1	34.	41.1	.389	21.3
%RSD	.72660	.08310	1.0181	.96874	.70480

#1	3154.9	41144.	4081.1	40.650	3000.6
#2	3184.7	41200.	4034.3	39.950	3027.6
#3	3200.4	41207.	3999.2	40.004	3042.7

Sample Name: K3005-01 Acquired: 5/23/2019 19:54:37 Type: Unk
Method: P4-ICP2(v3144) 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	-.00333	.00141	.00191	.00259	-.00172	.01164	.17540	.00004
Stddev	.00187	.00035	.00108	.00334	.00088	.00344	.00102	.00006
%RSD	56.300	24.772	56.245	128.80	51.283	29.551	.58368	165.56
#1	-.00405	.00178	.00182	-.00077	-.00071	.01480	.17477	.00011
#2	-.00120	.00133	.00304	.00264	-.00216	.00797	.17485	.00001
#3	-.00473	.00110	.00089	.00590	-.00231	.01216	.17658	-.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	184.06	.00060	-.00006	.01080	.60133	.16992	41.950
Stddev	.00006	1.68	.00022	.00010	.00039	.00041	.00039	.186
%RSD	188.07	.91451	36.826	166.20	3.5954	.06867	.23019	.44410
#1	.00007	182.18	.00055	-.00016	.01054	.60087	.16965	41.813
#2	.00006	184.56	.00083	.00003	.01061	.60168	.17037	41.875
#3	-.00004	185.43	.00040	-.00005	.01124	.60145	.16974	42.162
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00622	-.00026	296.41	.00195	.02829	5.7646	.00273	.21902
Stddev	.00024	.00047	3.24	.00023	.00011	.0747	.00010	.01523
%RSD	3.8318	177.33	1.0947	11.597	.37863	1.2959	3.5361	6.9514
#1	.00598	-.00055	292.96	.00178	.02840	5.7001	.00276	.23044
#2	.00645	.00027	296.86	.00186	.02830	5.7472	.00281	.22489
#3	.00623	-.00051	299.40	.00221	.02818	5.8465	.00262	.20174
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.637	F 11.303	-.00552	-.00076	.01599	.0217	.54417	6.7232
Stddev	.046	.046	.00014	.00079	.00252	.0011	.00469	.1358
%RSD	.33560	.40340	2.4912	104.04	15.734	5.101	.86163	2.0196
#1	13.676	11.266	-.00537	-.00008	.01342	.0213	.53875	6.5922
#2	13.647	11.354	-.00559	-.00058	.01845	.0208	.54704	6.8633
#3	13.586	11.289	-.00562	-.00163	.01610	.0229	.54670	6.7140

Sample Name: K3005-01 Acquired: 5/23/2019 19:54:37 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.627
Stddev	.676
%RSD	4.9638

#1	12.905
#2	14.247
#3	13.730

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3242.9	42415.	4039.4	41.221	3189.4
Stddev	2.4	134.	12.3	1.349	5.8
%RSD	.07384	.31646	.30428	3.2718	.18167

#1	3240.8	42462.	4051.2	42.246	3183.3
#2	3245.5	42520.	4026.6	39.693	3194.8
#3	3242.4	42264.	4040.5	41.724	3190.3

Sample Name: K3005-01DUP Acquired: 5/23/2019 19:59:09 Type: Unk
Method: P4-ICP2(v3144) 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	-.00020	.00154	.00362	-.00181	.00778	.17311	.00008
Stddev	.00143	.00098	.00181	.00248	.00165	.01208	.00098	.00010
%RSD	67.221	494.79	117.91	68.623	91.158	155.28	.56885	125.97
#1	-.00339	-.00131	-.00052	.00172	-.00007	-.00525	.17292	.00019
#2	-.00058	.00016	.00289	.00642	-.00200	.01862	.17418	.00002
#3	-.00240	.00055	.00224	.00271	-.00336	.00998	.17224	.00003
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	183.89	.00053	.00007	.01106	.59828	.16818	41.525
Stddev	.00005	2.03	.00023	.00008	.00022	.00150	.00051	.192
%RSD	123.01	1.1016	43.226	114.18	1.9729	.25096	.30444	.46283
#1	.00005	181.55	.00079	.00007	.01118	.59670	.16782	41.394
#2	-.00001	185.14	.00035	-.00001	.01119	.59843	.16796	41.745
#3	.00009	184.97	.00046	.00015	.01081	.59969	.16877	41.435
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00601	-.00041	300.19	.00177	.02848	5.6487	.00262	.22177
Stddev	.00050	.00031	1.72	.00064	.00005	.0424	.00019	.00690
%RSD	8.3710	75.534	.57267	36.441	.16382	.75127	7.0784	3.1103
#1	.00546	-.00059	298.24	.00114	.02852	5.6789	.00266	.21657
#2	.00610	-.00005	301.51	.00173	.02849	5.6670	.00242	.22960
#3	.00645	-.00058	300.81	.00243	.02843	5.6002	.00278	.21915
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.483	F 11.318	-.00566	-.00170	.01522	.0209	.54117	6.7431
Stddev	.019	.107	.00082	.00087	.00085	.0011	.00406	.1058
%RSD	.14181	.94363	14.465	51.308	5.5712	5.367	.75078	1.5684
#1	13.503	11.200	-.00562	-.00268	.01426	.0221	.53648	6.6798
#2	13.483	11.346	-.00650	-.00143	.01554	.0207	.54337	6.6844
#3	13.464	11.408	-.00486	-.00099	.01587	.0198	.54365	6.8652

Sample Name: K3005-01DUP Acquired: 5/23/2019 19:59:09 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	17.394
Stddev	.184
%RSD	1.0569

#1	17.370
#2	17.588
#3	17.223

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3249.6	42363.	4011.9	41.192	3201.7
Stddev	18.0	57.	28.7	.174	15.5
%RSD	.55466	.13365	.71615	.42344	.48355

#1	3233.0	42298.	4044.9	41.392	3187.9
#2	3268.7	42396.	3998.3	41.114	3218.4
#3	3246.9	42396.	3992.5	41.070	3198.8

Sample Name: K3005-01LX5 Acquired: 5/23/2019 20:03:41 Type: Unk
Method: P4-ICP2(v3144) 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	.00169	.00084	.00024	.00211	-.00211	.01063	.03397	.00009
Stddev	.00149	.00087	.00062	.00127	.00077	.00635	.00058	.00005
%RSD	87.791	103.75	263.15	60.230	36.653	59.709	1.7027	54.864

#1	.00206	.00047	.00060	.00118	-.00142	.01795	.03426	.00009
#2	.00006	.00022	-.00048	.00355	-.00295	.00663	.03435	.00004
#3	.00296	.00183	.00059	.00159	-.00196	.00731	.03331	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	38.425	.00002	-.00007	.00229	.12509	.03481	8.1632
Stddev	.00002	.230	.00021	.00009	.00080	.00055	.00017	.1304
%RSD	23.746	.59829	918.11	128.73	35.111	.44066	.48774	1.5973

#1	.00009	38.167	.00026	-.00007	.00242	.12478	.03462	8.2945
#2	.00009	38.607	-.00012	.00002	.00302	.12573	.03495	8.0337
#3	.00006	38.502	-.00007	-.00015	.00143	.12477	.03485	8.1615

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00101	-.00013	59.795	.00075	.00525	1.2029	.00049	.04680
Stddev	.00011	.00027	.214	.00011	.00004	.0488	.00019	.01767
%RSD	11.042	210.92	.35841	15.174	.70584	4.0557	38.320	37.760

#1	.00108	-.00020	60.042	.00065	.00524	1.1900	.00028	.02755
#2	.00107	-.00035	59.670	.00072	.00522	1.1618	.00064	.06230
#3	.00088	.00017	59.672	.00087	.00529	1.2568	.00055	.05056

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7222	2.4236	-.00358	.00062	.00655	.0053	.11183	4.6277
Stddev	.0046	.0144	.00046	.00117	.00038	.0006	.00041	.1174
%RSD	.16984	.59614	12.885	189.24	5.7876	11.82	.36496	2.5377

#1	2.7254	2.4109	-.00338	.00005	.00654	.0059	.11141	4.6766
#2	2.7243	2.4393	-.00326	.00196	.00693	.0047	.11188	4.4938
#3	2.7169	2.4206	-.00411	-.00016	.00617	.0053	.11222	4.7129

Sample Name: K3005-01LX5 Acquired: 5/23/2019 20:03:41 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 6.9636
Stddev .8735
%RSD 12.544

#1 7.4580
#2 7.4778
#3 5.9550

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3522.1	45758.	4126.8	42.828	3602.0
Stddev	4.8	149.	15.6	.763	9.1
%RSD	.13691	.32503	.37707	1.7804	.25370

#1	3526.9	45595.	4129.3	43.253	3611.0
#2	3517.2	45886.	4110.2	41.948	3592.7
#3	3522.3	45794.	4141.0	43.283	3602.5

Sample Name: K3005-01MS Acquired: 5/23/2019 20:08:05 Type: Unk
Method: P4-ICP2(v3144) 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	.76214	1.8611	.90177	1.9803	.77146	1.9308	.37107	.19470
Stddev	.00416	.0026	.00400	.0031	.00114	.0199	.00269	.00047
%RSD	.54553	.14168	.44372	.15616	.14804	1.0311	.72400	.24205
#1	.76547	1.8641	.90632	1.9837	.77016	1.9182	.36951	.19524
#2	.75748	1.8591	.90024	1.9778	.77230	1.9538	.36953	.19439
#3	.76346	1.8602	.89877	1.9794	.77193	1.9205	.37417	.19446
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18728	185.47	.40152	.18787	.28672	3.5550	.35890	43.338
Stddev	.00019	1.48	.00108	.00062	.00108	.0044	.00037	.323
%RSD	.10107	.79875	.26939	.32906	.37828	.12460	.10194	.74429
#1	.18749	183.84	.40275	.18843	.28785	3.5547	.35932	43.148
#2	.18722	185.80	.40072	.18721	.28661	3.5596	.35867	43.155
#3	.18713	186.75	.40109	.18798	.28569	3.5508	.35871	43.710
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48743	.07111	307.94	.32060	.21984	15.662	.40187	.51408
Stddev	.00152	.00043	1.69	.00125	.00050	.058	.00039	.00453
%RSD	.31117	.60613	.54974	.38841	.22841	.37116	.09779	.88125
#1	.48861	.07134	307.08	.32032	.22039	15.713	.40155	.50905
#2	.48572	.07138	309.90	.32196	.21940	15.674	.40231	.51784
#3	.48797	.07062	306.86	.31952	.21974	15.599	.40176	.51534
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.436	F 12.143	.68568	.20027	.21856	6.165	.73583	6.8555
Stddev	.025	.042	.00082	.00177	.00265	.017	.00486	.2157
%RSD	.18360	.34837	.12016	.88424	1.2129	.2773	.66066	3.1465
#1	13.464	12.131	.68487	.19962	.21712	6.181	.73026	6.6065
#2	13.420	12.190	.68566	.19892	.22162	6.147	.73795	6.9857
#3	13.423	12.108	.68652	.20228	.21694	6.166	.73926	6.9743

Sample Name: K3005-01MS Acquired: 5/23/2019 20:08:05 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	14.324
Stddev	.238
%RSD	1.6644

#1	14.496
#2	14.424
#3	14.052

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3269.5	42464.	3993.3	40.817	3211.8
Stddev	8.2	143.	15.4	1.397	11.5
%RSD	.25000	.33792	.38531	3.4221	.35660

#1	3260.1	42308.	3992.0	42.369	3198.7
#2	3273.9	42493.	3978.6	39.662	3216.6
#3	3274.6	42591.	4009.2	40.420	3220.0

Sample Name: K3005-01MSD Acquired: 5/23/2019 20:12:20 Type: Unk
Method: P4-ICP2(v3144) 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	.73152	1.7829	.86643	1.8940	.76353	1.8277	.36010	.18708
Stddev	.00182	.0043	.00270	.0075	.00505	.0154	.00078	.00106
%RSD	.24938	.24091	.31200	.39643	.66171	.84254	.21616	.56612
#1	.73105	1.7825	.86745	1.8998	.76727	1.8281	.35999	.18793
#2	.73353	1.7874	.86847	1.8855	.76553	1.8121	.36092	.18590
#3	.72997	1.7789	.86336	1.8967	.75778	1.8429	.35938	.18742
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17957	184.49	.38240	.18009	.27462	3.4165	.35064	42.803
Stddev	.00031	1.08	.00031	.00023	.00169	.0104	.00132	.242
%RSD	.17056	.58317	.08085	.12597	.61480	.30370	.37731	.56552
#1	.17922	183.32	.38211	.18001	.27632	3.4239	.35199	42.571
#2	.17978	185.43	.38235	.17992	.27460	3.4047	.34935	42.785
#3	.17971	184.72	.38273	.18035	.27294	3.4209	.35059	43.054
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46616	.06835	304.25	.30578	.21047	15.085	.39638	.50287
Stddev	.00032	.00046	2.36	.00117	.00038	.066	.00092	.00540
%RSD	.06953	.67442	.77589	.38202	.18033	.44072	.23092	1.0737
#1	.46614	.06848	303.13	.30704	.21040	15.136	.39743	.50814
#2	.46584	.06783	306.96	.30474	.21088	15.010	.39591	.49735
#3	.46649	.06872	302.66	.30555	.21013	15.110	.39580	.50311
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.490	F 12.092	.67711	.19613	.20594	5.925	.72472	7.1830
Stddev	.012	.030	.00122	.00159	.00145	.006	.00353	.0692
%RSD	.09175	.24573	.17976	.80997	.70426	.0939	.48765	.96343
#1	13.492	12.061	.67720	.19718	.20467	5.919	.72128	7.2489
#2	13.502	12.120	.67586	.19430	.20752	5.928	.72834	7.1109
#3	13.477	12.095	.67829	.19691	.20564	5.928	.72455	7.1890

Sample Name: K3005-01MSD Acquired: 5/23/2019 20:12:20 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	13.715
Stddev	1.469
%RSD	10.713

#1	14.786
#2	14.318
#3	12.040

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3250.2	42755.	4011.6	41.018	3187.9
Stddev	14.4	201.	19.0	1.318	7.5
%RSD	.44456	.47055	.47367	3.2129	.23389

#1	3234.5	42532.	4000.6	40.421	3179.9
#2	3253.1	42811.	4000.8	42.529	3189.2
#3	3262.9	42923.	4033.6	40.105	3194.6

Sample Name: K3005-01A Acquired: 5/23/2019 20:16:33 Type: Unk
Method: P4-ICP2(v3144) 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	.74078	1.8024	.87959	1.9354	.76428	1.8726	.36274	.18799
Stddev	.00407	.0036	.00179	.0062	.00116	.0375	.00432	.00238
%RSD	.54975	.20222	.20337	.32088	.15199	2.0033	1.1920	1.2684
#1	.73929	1.8057	.88165	1.9343	.76539	1.8301	.35775	.18524
#2	.74539	1.7985	.87845	1.9421	.76436	1.9012	.36531	.18926
#3	.73767	1.8030	.87867	1.9298	.76307	1.8866	.36517	.18947
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18226	183.48	.38606	.18334	.27978	3.4319	.35028	42.734
Stddev	.00007	1.59	.00540	.00035	.00008	.0418	.00460	.620
%RSD	.03809	.86511	1.3976	.19335	.02923	1.2169	1.3140	1.4513
#1	.18219	182.14	.37983	.18297	.27973	3.3836	.34505	42.033
#2	.18226	183.07	.38922	.18337	.27988	3.4556	.35202	43.211
#3	.18233	185.23	.38913	.18368	.27974	3.4563	.35375	42.959
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47429	.06895	302.19	.30799	.21182	15.231	.39805	.51250
Stddev	.00058	.00057	4.15	.00336	.00016	.242	.00092	.02775
%RSD	.12189	.82129	1.3730	1.0915	.07466	1.5870	.23033	5.4146
#1	.47367	.06834	297.40	.30421	.21164	14.960	.39905	.48092
#2	.47438	.06904	304.60	.31065	.21195	15.426	.39787	.53298
#3	.47482	.06947	304.58	.30911	.21186	15.307	.39725	.52361
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 13.389	F 12.030	.67846	.19928	.21074	6.000	.72485	6.8337
Stddev	.019	.110	.00285	.00259	.00319	.009	.00470	.0464
%RSD	.14017	.91787	.42078	1.2995	1.5124	.1480	.64861	.67834
#1	13.379	11.932	.67698	.19786	.20748	6.009	.72250	6.7924
#2	13.411	12.008	.68175	.19772	.21385	5.999	.72179	6.8838
#3	13.378	12.150	.67665	.20227	.21089	5.991	.73027	6.8249

Sample Name: K3005-01A Acquired: 5/23/2019 20:16:33 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	13.820
Stddev	3.266
%RSD	23.634

#1	10.184
#2	14.771
#3	16.506

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3266.1	43146.	4034.7	41.453	3216.5
Stddev	5.9	405.	18.6	.239	1.7
%RSD	.17964	.93816	.46065	.57729	.05388

#1	3265.2	43611.	4046.2	41.577	3217.8
#2	3260.7	42877.	4044.6	41.177	3214.5
#3	3272.3	42950.	4013.2	41.605	3217.1

Sample Name: K3005-02 Acquired: 5/23/2019 20:20:46 Type: Unk
Method: P4-ICP2(v3144) 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	.00063	.00092	-.00174	-.00011	-.00107	-.00133	.00061	.00011
Stddev	.00086	.00053	.00036	.00239	.00020	.00827	.00021	.00004
%RSD	137.13	57.532	20.640	2152.7	18.360	620.97	35.094	31.940

#1	.00021	.00143	-.00203	-.00272	-.00093	.00677	.00051	.00009
#2	.00005	.00097	-.00134	.00043	-.00130	-.00976	.00085	.00010
#3	.00162	.00037	-.00185	.00196	-.00099	-.00100	.00047	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.01012	-.00009	-.00003	-.00117	-.00104	-.00008	-.02163
Stddev	.00003	.01576	.00050	.00010	.00022	.00060	.00001	.01187
%RSD	35.553	155.76	559.63	381.71	19.129	57.546	11.497	54.892

#1	.00007	.00256	.00037	-.00001	-.00133	-.00130	-.00008	-.03525
#2	.00013	-.00516	-.00062	-.00013	-.00092	-.00146	-.00009	-.01344
#3	.00008	-.02775	-.00001	.00006	-.00127	-.00036	-.00008	-.01620

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00050	.00012	.12228	.00026	.00669	.03712	-.00015	.00452
Stddev	.00021	.00010	.00510	.00024	.00006	.01526	.00002	.00952
%RSD	42.035	84.471	4.1684	89.924	.86904	41.117	14.799	210.34

#1	.00035	.00007	.12484	.00053	.00675	.01989	-.00012	-.00509
#2	.00041	.00024	.12560	.00019	.00670	.04251	-.00016	.01393
#3	.00074	.00005	.11641	.00008	.00663	.04895	-.00016	.00473

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01036	-.00788	-.00458	.00358	-.00202	.0030	.00006	2.3045
Stddev	.00204	.00180	.00037	.00218	.00056	.0009	.00001	.1258
%RSD	19.653	22.788	7.9941	60.862	27.563	29.11	17.332	5.4574

#1	-.00806	-.00764	-.00432	.00114	-.00147	.0020	.00007	2.1663
#2	-.01111	-.00621	-.00500	.00533	-.00258	.0032	.00005	2.3349
#3	-.01192	-.00978	-.00442	.00427	-.00202	.0037	.00006	2.4122

Sample Name: K3005-02 Acquired: 5/23/2019 20:20:46 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.2637
 Stddev 1.7235
 %RSD 52.808

#1 1.9046
 #2 2.6842
 #3 5.2023

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3808.5	49607.	4262.4	45.185	4133.0
Stddev	11.2	81.	26.4	1.486	24.0
%RSD	.29420	.16356	.62026	3.2884	.58090

#1	3803.5	49602.	4253.6	45.516	4119.3
#2	3800.7	49691.	4241.4	43.561	4119.0
#3	3821.3	49529.	4292.1	46.477	4160.7

Sample Name: K2968-01 Acquired: 5/23/2019 20:25:15 Type: Unk
Method: P4-ICP2(v3144) 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	.01550	-.00116	.17787	.00344	.00771	11.471	.30650
Stddev	.00156	.00181	.00153	.00142	.00143	.058	.00100
%RSD	10.085	155.30	.85866	41.368	18.557	.50635	.32742

#1	.01729	-.00009	.17818	.00485	.00606	11.409	.30549
#2	.01441	-.00015	.17922	.00201	.00849	11.482	.30654
#3	.01480	-.00325	.17621	.00345	.00859	11.523	.30749

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00087	.00001	33.784	.02802	.00396	.11535	12.091
Stddev	.00005	.00001	.149	.00027	.00012	.00030	.027
%RSD	6.2653	186.32	.44047	.98058	2.9792	.25614	.22689

#1	.00090	.00000	33.716	.02801	.00407	.11514	12.073
#2	.00090	.00002	33.682	.02775	.00398	.11523	12.078
#3	.00081	-.00000	33.955	.02830	.00383	.11569	12.123

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32680	8.0056	.01644	-.00049	65.665	.05123	1.2771
Stddev	.00069	.1049	.00017	.00078	.122	.00034	.0015
%RSD	.21245	1.3103	1.0138	159.49	.18543	.66753	.12030

#1	.32669	7.9254	.01653	-.00036	65.540	.05140	1.2754
#2	.32617	8.1243	.01654	.00022	65.672	.05146	1.2780
#3	.32754	7.9670	.01625	-.00132	65.783	.05084	1.2780

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.8483	.07519	.44031	F 10.999	F 18.942	.01042	.31883
Stddev	.0280	.00032	.02299	.008	.071	.00024	.00165
%RSD	.40833	.41966	5.2223	.07692	.37472	2.2987	.51713

#1	6.8538	.07524	.42077	10.992	19.020	.01069	.31982
#2	6.8180	.07547	.43450	11.008	18.882	.01023	.31693
#3	6.8731	.07485	.46565	10.998	18.922	.01035	.31975

Sample Name: K2968-01 Acquired: 5/23/2019 20:25:15 Type: Unk
Method: P4-ICP2(v3144) 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	.01619	.7875	.33013	4.6261	F<.00000
Stddev	.00114	.0025	.00198	.0862	1.3040
%RSD	7.0373	.3218	.59861	1.8642	11.962

#1	.01499	.7876	.32945	4.6291	-12.082
#2	.01633	.7900	.32859	4.5384	-11.118
#3	.01726	.7849	.33236	4.7108	-9.5017

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3490.9	45578.	4146.8	43.429	3533.0
Stddev	18.7	137.	22.7	1.291	17.0
%RSD	.53624	.30123	.54849	2.9730	.48240

#1	3471.5	45461.	4120.7	43.574	3515.2
#2	3492.2	45543.	4157.5	42.072	3534.5
#3	3508.9	45729.	4162.2	44.642	3549.2

Sample Name: CCV08 Acquired: 5/23/2019 20:29:33 Type: Unk
Method: P4-ICP2(v3144) 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	4.9814	5.1350	4.8882	5.1486	4.9521	9.7218	9.8071	.24876
Stddev	.0038	.0065	.0086	.0128	.0066	.1652	.1335	.00069
%RSD	.07697	.12711	.17591	.24910	.13309	1.6992	1.3613	.27548
#1	4.9807	5.1417	4.8954	5.1580	4.9567	9.5733	9.6529	.24947
#2	4.9855	5.1287	4.8787	5.1340	4.9446	9.6923	9.8840	.24811
#3	4.9779	5.1344	4.8905	5.1537	4.9551	9.8997	9.8843	.24869
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4922	25.772	1.0252	2.4685	1.2179	5.1321	2.5407	24.244
Stddev	.0042	.379	.0007	.0043	.0019	.0203	.0066	.270
%RSD	.16676	1.4692	.07078	.17314	.15367	.39513	.25955	1.1125
#1	2.4970	25.341	1.0244	2.4730	1.2201	5.1317	2.5384	23.993
#2	2.4899	25.926	1.0254	2.4645	1.2170	5.1120	2.5355	24.209
#3	2.4896	26.051	1.0258	2.4680	1.2167	5.1526	2.5481	24.529
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5435	1.2715	25.160	2.6300	2.4388	24.671	4.9728	5.0063
Stddev	.0053	.0024	.237	.0029	.0037	.254	.0102	.0662
%RSD	.20977	.18455	.94115	.11201	.15312	1.0289	.20523	1.3214
#1	2.5495	1.2703	24.924	2.6297	2.4429	24.460	4.9838	4.9732
#2	2.5415	1.2742	25.160	2.6272	2.4356	24.601	4.9709	4.9632
#3	2.5394	1.2699	25.398	2.6331	2.4378	24.953	4.9637	5.0825
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1090	5.1893	5.0342	5.0098	5.0063	5.218	5.0787	5.3003
Stddev	.0011	.0515	.0048	.0912	.0654	.011	.0810	.2338
%RSD	.02157	.99146	.09446	1.8203	1.3067	.2038	1.5950	4.4116
#1	5.1103	5.1450	5.0356	4.9065	4.9308	5.227	4.9854	5.3720
#2	5.1085	5.2457	5.0289	5.0439	5.0474	5.207	5.1312	5.0390
#3	5.1084	5.1770	5.0380	5.0790	5.0406	5.221	5.1195	5.4899

Sample Name: CCV08 Acquired: 5/23/2019 20:29:33 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.3305
Stddev .5767
%RSD 43.343

#1 1.9609
#2 1.2011
#3 .82950

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3506.3	45894.	4231.3	41.683	3454.4
Stddev	5.2	54.	38.2	2.157	5.0
%RSD	.14691	.11782	.90254	5.1742	.14618

#1	3500.9	45933.	4263.9	41.350	3448.7
#2	3511.2	45916.	4189.3	39.713	3458.2
#3	3506.6	45832.	4240.6	43.987	3456.3

Sample Name: CCB08 Acquired: 5/23/2019 20:33:40 Type: Unk
Method: P4-ICP2(v3144) 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	.00120	.00046	-.00073	.00160	-.00004	.00401	.00105	.00006
Stddev	.00102	.00037	.00038	.00128	.00091	.01295	.00022	.00003
%RSD	85.489	80.348	52.207	80.024	2233.9	322.99	20.766	57.478
#1	.00237	.00068	-.00031	.00019	-.00015	.01896	.00089	.00003
#2	.00073	.00067	-.00106	.00191	.00092	-.00356	.00095	.00006
#3	.00049	.00003	-.00082	.00268	-.00089	-.00338	.00130	.00009
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00122	.00038	.00001	-.00102	.00054	.00007	-.03245
Stddev	.00003	.01056	.00021	.00006	.00025	.00084	.00003	.03546
%RSD	32.800	867.81	54.577	711.85	24.328	154.48	40.971	109.28
#1	.00012	.00968	.00042	-.00000	-.00108	-.00038	.00011	.00027
#2	.00006	-.01141	.00016	.00007	-.00124	.00074	.00005	-.02749
#3	.00011	-.00192	.00057	-.00005	-.00075	.00126	.00006	-.07012
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00016	.04966	-.00000	-.00029	.04948	.00050	.00868
Stddev	.00010	.00031	.00341	.00045	.00003	.00872	.00004	.01115
%RSD	75.853	187.00	6.8630	22460.	11.718	17.627	7.9975	128.49
#1	.00006	-.00050	.04750	-.00051	-.00025	.05746	.00046	-.00207
#2	.00024	.00009	.05359	.00035	-.00032	.05082	.00054	.02018
#3	.00008	-.00008	.04790	.00016	-.00028	.04017	.00049	.00792
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00967	.00143	-.00167	.00406	.00089	.0030	.00016	F 3.1027
Stddev	.00133	.00186	.00070	.00150	.00133	.0009	.00008	.1518
%RSD	13.763	130.56	41.870	36.874	149.47	28.45	51.735	4.8920
#1	-.01010	.00144	-.00185	.00382	.00008	.0022	.00020	3.2696
#2	-.01074	.00329	-.00090	.00270	.00016	.0039	.00022	2.9730
#3	-.00818	-.00044	-.00226	.00566	.00242	.0031	.00007	3.0656

Sample Name: CCB08 Acquired: 5/23/2019 20:33:40 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .38868
Stddev	.58245
%RSD	149.85

#1	-.16582
#2	.33633
#3	.99554

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3682.3	48249.	4236.9	43.283	3918.6
Stddev	6.5	173.	5.4	.532	6.1
%RSD	.17784	.35753	.12810	1.2294	.15661

#1	3674.8	48132.	4242.2	42.970	3911.5
#2	3685.2	48447.	4231.3	42.982	3921.9
#3	3686.9	48169.	4237.1	43.898	3922.3

Sample Name: K2647-12 Acquired: 5/23/2019 20:38:09 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-052219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00085	-.00430	.02274	.00221	-.00129	.09072	.11966	.00009
Stddev	.00097	.00157	.00034	.00171	.00138	.00454	.00140	.00003
%RSD	114.79	36.602	1.4874	77.434	106.54	5.0065	1.1709	27.677

#1	-.00068	-.00325	.02276	.00037	-.00269	.08787	.11819	.00007
#2	.00003	-.00611	.02240	.00375	.00006	.08834	.11979	.00012
#3	-.00189	-.00355	.02307	.00251	-.00125	.09596	.12099	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	14.107	-.00048	.01740	.00972	.92012	1.4899	1.6862
Stddev	.00003	.168	.00018	.00010	.00029	.00140	.0039	.0320
%RSD	10.316	1.1931	37.218	.60052	2.9956	.15265	.26458	1.8964

#1	.00031	14.298	-.00068	.01747	.00983	.92108	1.4854	1.6503
#2	.00028	13.983	-.00041	.01744	.00994	.92078	1.4922	1.7116
#3	.00025	14.039	-.00034	.01728	.00939	.91851	1.4922	1.6967

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00314	.00025	306.98	-.00385	.02703	.63645	-.00004	.02140
Stddev	.00022	.00035	4.24	.00034	.00007	.00551	.00004	.00940
%RSD	7.1708	139.17	1.3822	8.8033	.26827	.86509	116.24	43.911

#1	.00325	.00031	302.08	-.00368	.02699	.63286	-.00009	.01121
#2	.00328	-.00012	309.35	-.00424	.02711	.63370	-.00001	.02972
#3	.00288	.00056	309.51	-.00364	.02698	.64279	-.00001	.02326

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16343	.68942	-.00177	.00462	.00025	.0069	.05033	4.8075
Stddev	.00302	.01303	.00026	.00115	.00172	.0015	.00055	.0805
%RSD	1.8491	1.8906	14.925	24.957	693.13	21.86	1.0879	1.6754

#1	.16691	.70363	-.00203	.00573	.00049	.0084	.05094	4.8353
#2	.16190	.68658	-.00150	.00343	-.00158	.0054	.05015	4.7168
#3	.16148	.67803	-.00178	.00470	.00183	.0068	.04989	4.8705

Sample Name: K2647-12 Acquired: 5/23/2019 20:38:09 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-052219 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 11.694
Stddev .183
%RSD 1.5671

#1 11.566
#2 11.904
#3 11.612

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3463.3	44822.	4300.1	42.089	3423.4
Stddev	13.8	13.	73.6	.332	11.6
%RSD	.39738	.02924	1.7110	.78974	.33931

#1	3448.5	44837.	4224.3	42.470	3416.7
#2	3466.0	44816.	4304.9	41.859	3416.8
#3	3475.6	44812.	4371.2	41.939	3436.9

Sample Name: K2647-12DUP Acquired: 5/23/2019 20:42:43 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-052219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00084	-.00360	.02361	.00161	-.00169	.09010	.11997	.00015
Stddev	.00172	.00066	.00048	.00437	.00137	.00308	.00026	.00009
%RSD	205.42	18.372	2.0145	270.83	81.183	3.4142	.21772	57.734
#1	-.00089	-.00415	.02384	.00275	-.00307	.08666	.11970	.00016
#2	.00255	-.00379	.02392	.00530	-.00033	.09104	.11999	.00023
#3	.00085	-.00287	.02306	-.00321	-.00167	.09259	.12022	.00006
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	14.136	-.00037	.01746	.00986	.93039	1.5022	1.6761
Stddev	.00004	.249	.00019	.00018	.00029	.00245	.0023	.0206
%RSD	14.403	1.7605	52.790	1.0329	2.8974	.26361	.15418	1.2266
#1	.00025	13.849	-.00056	.01765	.00995	.92765	1.5007	1.6745
#2	.00032	14.283	-.00017	.01744	.01008	.93238	1.5011	1.6563
#3	.00026	14.277	-.00037	.01729	.00953	.93114	1.5049	1.6973
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00305	.00015	304.54	-.00465	.02681	.66884	-.00021	.02095
Stddev	.00016	.00040	2.18	.00010	.00010	.04488	.00013	.00961
%RSD	5.0985	261.97	.71744	2.1816	.37824	6.7102	61.717	45.872
#1	.00292	.00011	303.75	-.00454	.02693	.61829	-.00015	.03108
#2	.00322	.00058	307.01	-.00474	.02673	.68422	-.00012	.01197
#3	.00301	-.00023	302.86	-.00469	.02677	.70401	-.00036	.01979
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16271	.69064	-.00172	.00366	.00125	.0085	.05015	4.3878
Stddev	.00235	.00582	.00014	.00202	.00173	.0010	.00044	.2236
%RSD	1.4451	.84307	8.1506	55.037	138.66	11.62	.88054	5.0960
#1	.16462	.68393	-.00157	.00530	-.00072	.0075	.04966	4.6451
#2	.16008	.69361	-.00173	.00428	.00254	.0087	.05027	4.2399
#3	.16343	.69437	-.00185	.00141	.00193	.0094	.05052	4.2785

Sample Name: K2647-12DUP Acquired: 5/23/2019 20:42:43 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-052219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.486
Stddev	1.012
%RSD	8.8086

#1	10.318
#2	12.073
#3	12.067

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3436.6	44291.	4283.9	43.930	3396.7
Stddev	9.1	159.	28.5	1.124	6.6
%RSD	.26620	.35992	.66573	2.5589	.19358

#1	3426.9	44177.	4315.5	44.064	3389.2
#2	3437.7	44473.	4276.1	42.745	3399.5
#3	3445.0	44222.	4260.0	44.982	3401.4

Sample Name: K2647-12LX5 Acquired: 5/23/2019 20:47:18 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00065	.00049	.00378	.00260	-.00169	.00621	.02332	.00008
Stddev	.00264	.00110	.00071	.00130	.00105	.01443	.00070	.00003
%RSD	408.80	226.81	18.703	49.938	62.509	232.42	3.0118	31.329

#1	.00322	.00124	.00385	.00376	-.00049	-.00911	.02252	.00006
#2	-.00206	-.00078	.00304	.00120	-.00208	.00818	.02365	.00008
#3	.00079	.00100	.00445	.00285	-.00249	.01956	.02380	.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	2.8590	.00011	.00347	.00138	.18752	.29726	.31922
Stddev	.00001	.0244	.00004	.00014	.00032	.00132	.00011	.03304
%RSD	10.801	.85470	32.595	4.1706	23.229	.70361	.03841	10.349

#1	.00015	2.8381	.00007	.00347	.00126	.18763	.29740	.28107
#2	.00013	2.8858	.00014	.00362	.00114	.18878	.29719	.33828
#3	.00012	2.8530	.00013	.00333	.00175	.18614	.29720	.33830

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	-.00027	59.259	-.00067	.00491	.22928	-.00002	.02709
Stddev	.00022	.00020	.233	.00011	.00007	.00728	.00006	.00666
%RSD	40.453	75.163	.39274	16.207	1.5145	3.1730	274.74	24.579

#1	.00068	-.00005	59.046	-.00074	.00497	.22853	-.00001	.01976
#2	.00029	-.00031	59.224	-.00054	.00492	.23690	-.00008	.03276
#3	.00063	-.00045	59.507	-.00072	.00483	.22241	.00003	.02875

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02518	.14272	-.00326	.00219	.00183	.0053	.01014	2.7814
Stddev	.00266	.00099	.00063	.00144	.00036	.0015	.00005	.0421
%RSD	10.558	.69573	19.402	66.046	19.665	28.61	.49140	1.5121

#1	.02384	.14196	-.00395	.00294	.00143	.0039	.01012	2.7708
#2	.02825	.14236	-.00270	.00310	.00213	.0050	.01020	2.7456
#3	.02346	.14384	-.00315	.00052	.00193	.0069	.01011	2.8277

Sample Name: K2647-12LX5 Acquired: 5/23/2019 20:47:18 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	4.0861
Stddev	.3588
%RSD	8.7818

#1	4.4857
#2	3.9812
#3	3.7914

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3653.4	47362.	4307.3	43.580	3739.1
Stddev	12.0	111.	27.7	.200	14.2
%RSD	.32941	.23433	.64359	.45994	.38081

#1	3653.6	47310.	4278.5	43.629	3743.3
#2	3641.3	47489.	4309.6	43.359	3723.2
#3	3665.4	47286.	4333.8	43.751	3750.7

Sample Name: K2647-12MS Acquired: 5/23/2019 20:51:46 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-052219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79472	1.9603	.97996	2.1098	.77248	2.1185	.33594	.19794	.20078
Stddev	.00178	.0078	.00264	.0043	.00233	.0005	.00082	.00018	.00069
%RSD	.22369	.39757	.26950	.20256	.30207	.02382	.24364	.09297	.34483

#1	.79558	1.9564	.97736	2.1075	.77516	2.1191	.33501	.19813	.20127
#2	.79591	1.9553	.97988	2.1147	.77140	2.1183	.33657	.19793	.20107
#3	.79268	1.9693	.98264	2.1071	.77088	2.1182	.33623	.19776	.19999

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.692	.42393	.22048	.30571	4.1343	1.8239	3.7189	.52350	.07375
Stddev	.184	.00195	.00096	.00084	.0078	.0011	.0770	.00162	.00070
%RSD	1.1021	.46001	.43341	.27492	.18818	.05905	2.0715	.30992	.94838

#1	16.481	.42618	.22010	.30655	4.1355	1.8240	3.7131	.52373	.07404
#2	16.773	.42273	.21978	.30572	4.1260	1.8249	3.6449	.52178	.07425
#3	16.821	.42288	.22157	.30487	4.1414	1.8228	3.7987	.52500	.07295

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	329.76	.33064	.22857	11.198	.40989	.33636	.17097	1.6941	.70256
Stddev	1.35	.00017	.00055	.058	.00163	.01656	.00231	.0088	.00367
%RSD	.40829	.05162	.24079	.51994	.39664	4.9229	1.3521	.52083	.52220

#1	329.11	.33069	.22849	11.151	.41059	.31910	.16973	1.6856	.70345
#2	328.86	.33078	.22807	11.263	.40804	.33787	.17363	1.6934	.69853
#3	331.30	.33045	.22916	11.179	.41105	.35211	.16953	1.7032	.70571

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21038	.21603	6.327	.25879	5.1639	11.279
Stddev	.00134	.00256	.027	.00130	.1274	1.506
%RSD	.63790	1.1848	.4216	.50152	2.4673	13.352

#1	.20895	.21413	6.340	.25740	5.2510	9.6390
#2	.21058	.21894	6.297	.25998	5.2231	11.597
#3	.21161	.21503	6.346	.25898	5.0177	12.600

Sample Name: K2647-12MS Acquired: 5/23/2019 20:51:46 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-052219 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	3447.8	44602.	4145.2	43.991	3394.7
Stddev	8.1	182.	7.1	.493	8.6
%RSD	.23617	.40866	.17211	1.1211	.25188
#1	3438.4	44405.	4146.3	43.559	3386.5
#2	3452.3	44637.	4137.6	44.529	3403.5
#3	3452.7	44765.	4151.7	43.885	3394.1

Sample Name: K2647-12MSD Acquired: 5/23/2019 20:56:01 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-052219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79631	1.9646	.98289	2.1103	.77547	2.0857	.33282	.19678	.20146
Stddev	.01113	.0154	.00785	.0139	.00980	.0282	.00164	.00058	.00128
%RSD	1.3972	.78379	.79851	.65944	1.2642	1.3513	.49195	.29638	.63590
#1	.78992	1.9476	.97427	2.0993	.76672	2.0579	.33093	.19611	.20008
#2	.78984	1.9689	.98477	2.1056	.77363	2.0850	.33365	.19713	.20167
#3	.80915	1.9775	.98963	2.1259	.78606	2.1143	.33387	.19711	.20262
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.522	.42129	.22123	.30590	4.0976	1.8057	3.7399	.52426	.07388
Stddev	.119	.00044	.00209	.00231	.0128	.0046	.0886	.00404	.00074
%RSD	.72234	.10418	.94649	.75429	.31341	.25720	2.3688	.77086	1.0074
#1	16.388	.42083	.21901	.30350	4.0853	1.8005	3.7005	.51965	.07336
#2	16.616	.42171	.22149	.30610	4.0965	1.8072	3.6778	.52594	.07473
#3	16.562	.42134	.22318	.30810	4.1109	1.8094	3.8413	.52720	.07354
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	320.26	.32944	.22950	11.008	.41011	.35194	.16812	1.6940	.70599
Stddev	2.94	.00033	.00162	.089	.00393	.01109	.00048	.0166	.00634
%RSD	.91664	.10144	.70394	.80405	.95738	3.1497	.28318	.98011	.89808
#1	318.27	.32907	.22787	10.921	.40609	.33914	.16866	1.7107	.69917
#2	323.64	.32952	.22952	11.004	.41029	.35839	.16787	1.6938	.70709
#3	318.89	.32972	.23111	11.098	.41394	.35830	.16781	1.6775	.71171
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21218	.21481	6.353	.25596	5.2671	11.381			
Stddev	.00071	.00039	.033	.00183	.0376	1.082			
%RSD	.33256	.18103	.5223	.71631	.71460	9.5070			
#1	.21137	.21438	6.317	.25574	5.2845	11.579			
#2	.21263	.21513	6.360	.25790	5.2929	10.214			
#3	.21255	.21493	6.382	.25425	5.2239	12.351			

Sample Name: K2647-12MSD Acquired: 5/23/2019 20:56:01 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-052219 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	3447.6	45049.	4185.3	41.989	3393.6
Stddev	30.3	53.	44.7	.646	25.8
%RSD	.87824	.11769	1.0681	1.5377	.76155
#1	3475.6	45081.	4157.7	42.650	3418.6
#2	3451.7	44988.	4161.3	41.957	3395.3
#3	3415.4	45078.	4236.9	41.360	3367.0

Sample Name: K2647-12A Acquired: 5/23/2019 21:00:17 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80126	1.9800	.98692	2.1413	.78270	2.1099	.33960	.19848	.20218
Stddev	.00290	.0045	.00500	.0083	.00233	.0265	.00350	.00042	.00079
%RSD	.36182	.22540	.50648	.38821	.29752	1.2578	1.0299	.21359	.38957
#1	.80367	1.9801	.98283	2.1342	.78103	2.0793	.33616	.19809	.20226
#2	.79804	1.9755	.99249	2.1394	.78170	2.1271	.33950	.19893	.20292
#3	.80208	1.9844	.98544	2.1504	.78536	2.1233	.34315	.19843	.20135
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.456	.42187	.22206	.30686	4.1143	1.8165	3.8149	.52479	.07429
Stddev	.122	.00176	.00049	.00078	.0095	.0065	.0515	.00101	.00064
%RSD	.74376	.41606	.22143	.25469	.23151	.35994	1.3513	.19297	.85788
#1	16.315	.41987	.22149	.30618	4.1034	1.8090	3.7645	.52363	.07471
#2	16.523	.42318	.22231	.30771	4.1186	1.8200	3.8675	.52543	.07356
#3	16.530	.42256	.22237	.30670	4.1209	1.8206	3.8127	.52532	.07461
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	324.54	.32989	.23076	11.202	.41160	.36211	.16541	1.6514	.71105
Stddev	3.44	.00054	.00054	.120	.00123	.00621	.00093	.0065	.00111
%RSD	1.0615	.16261	.23488	1.0716	.29852	1.7157	.56205	.39477	.15584
#1	321.47	.32943	.23016	11.086	.41065	.36357	.16466	1.6513	.70988
#2	323.90	.32976	.23122	11.326	.41299	.35530	.16645	1.6580	.71209
#3	328.27	.33048	.23090	11.195	.41117	.36747	.16512	1.6450	.71118
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21117	.21014	6.406	.25470	5.4282	9.5966			
Stddev	.00469	.00084	.011	.00130	.2429	.7579			
%RSD	2.2191	.39812	.1696	.50891	4.4753	7.8971			
#1	.20584	.20928	6.394	.25324	5.3866	9.1155			
#2	.21304	.21017	6.415	.25518	5.2087	9.2041			
#3	.21463	.21096	6.409	.25570	5.6892	10.470			

Sample Name: K2647-12A Acquired: 5/23/2019 21:00:17 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW 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	3460.1	45333.	4306.4	44.638	3400.6
Stddev	5.5	180.	5.0	.761	3.1
%RSD	.15982	.39696	.11512	1.7039	.09232
#1	3454.0	45534.	4309.3	43.781	3397.7
#2	3461.7	45280.	4309.2	44.901	3400.1
#3	3464.8	45186.	4300.7	45.232	3403.9

Sample Name: K2647-14 Acquired: 5/23/2019 21:04:32 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SU-03-052219 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	-.00376	.00397	.00490	-.00147	.08162	.09400	.00009
Stddev	.00187	.00079	.00015	.00264	.00109	.00666	.00055	.00007
%RSD	30190.	20.932	3.8486	53.818	74.126	8.1580	.58966	81.878

#1	.00076	-.00463	.00389	.00783	-.00176	.07622	.09404	.00001
#2	.00138	-.00311	.00388	.00272	-.00239	.07959	.09453	.00009
#3	-.00212	-.00354	.00415	.00415	-.00027	.08906	.09343	.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	13.649	.00039	.01121	.00631	.13462	.86222	2.1160
Stddev	.00002	.094	.00013	.00020	.00044	.00136	.00370	.0134
%RSD	16.362	.69106	34.000	1.7974	7.0351	1.0124	.42863	.63381

#1	.00011	13.541	.00051	.01116	.00589	.13619	.86636	2.1168
#2	.00016	13.716	.00041	.01143	.00678	.13401	.86107	2.1290
#3	.00014	13.691	.00025	.01104	.00628	.13368	.85924	2.1022

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00239	-.00027	295.43	-.00236	.02024	.66324	-.00009	.01266
Stddev	.00019	.00028	1.14	.00032	.00014	.03609	.00022	.01292
%RSD	7.9484	105.24	.38730	13.426	.67059	5.4414	240.50	102.06

#1	.00255	-.00009	296.70	-.00267	.02010	.66676	-.00028	.01698
#2	.00218	-.00060	295.13	-.00203	.02024	.62552	.00015	-.00187
#3	.00244	-.00012	294.47	-.00238	.02037	.69744	-.00015	.02287

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16983	.36485	-.00167	.00338	.00294	.0051	.03710	5.0891
Stddev	.00176	.00661	.00020	.00125	.00015	.0002	.00023	.3400
%RSD	1.0366	1.8112	11.904	36.831	5.0128	4.468	.62123	6.6804

#1	.16843	.36576	-.00188	.00235	.00281	.0054	.03684	5.0069
#2	.17180	.35784	-.00148	.00477	.00310	.0050	.03728	5.4626
#3	.16925	.37096	-.00164	.00304	.00290	.0050	.03718	4.7977

Sample Name: K2647-14 Acquired: 5/23/2019 21:04:32 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SU-03-052219 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.523
Stddev	.212
%RSD	2.0109

#1	10.702
#2	10.579
#3	10.289

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3458.5	45386.	4321.9	44.462	3420.1
Stddev	13.1	152.	13.9	.766	14.5
%RSD	.37856	.33383	.32234	1.7224	.42413

#1	3468.7	45222.	4327.7	44.166	3431.8
#2	3443.7	45416.	4332.0	45.332	3403.9
#3	3463.1	45520.	4306.0	43.889	3424.8

Sample Name: K2994-04 Acquired: 5/23/2019 21:09:08 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	-.00407	.04944	.00378	.02281	.07427	.46864	.00010
Stddev	.00061	.00072	.00135	.00120	.00211	.01302	.00411	.00004
%RSD	104.38	17.724	2.7399	31.790	9.2547	17.527	.87618	36.432

#1	-.00008	-.00490	.05037	.00263	.02045	.05928	.46653	.00007
#2	.00112	-.00373	.05007	.00503	.02347	.08275	.47338	.00010
#3	.00070	-.00358	.04789	.00369	.02452	.08079	.46603	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	49.945	.01311	.00552	.00500	1.0541	.43701	1.8685
Stddev	.00005	.732	.00005	.00013	.00057	.0045	.00160	.0257
%RSD	27.082	1.4663	.37128	2.3875	11.424	.42569	.36656	1.3756

#1	.00023	49.138	.01314	.00554	.00492	1.0546	.43861	1.8878
#2	.00013	50.568	.01314	.00538	.00447	1.0583	.43702	1.8783
#3	.00019	50.128	.01306	.00564	.00560	1.0494	.43541	1.8393

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01248	-.00012	313.06	-.00006	.13917	.83561	.00011	.02014
Stddev	.00031	.00005	.63	.00015	.00039	.02715	.00023	.00963
%RSD	2.5180	44.162	.20057	261.53	.27816	3.2486	218.17	47.802

#1	.01228	-.00018	312.58	-.00003	.13881	.80809	.00017	.02395
#2	.01232	-.00009	312.83	-.00022	.13958	.83637	.00029	.02728
#3	.01284	-.00009	313.77	.00008	.13911	.86237	-.00015	.00919

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52981	.38858	-.00140	.00065	.00794	.0069	.12295	4.5614
Stddev	.00370	.00422	.00089	.00069	.00102	.0008	.00138	.1859
%RSD	.69778	1.0868	63.059	105.88	12.794	11.87	1.1242	4.0752

#1	.52739	.38732	-.00040	.00142	.00771	.0062	.12141	4.7364
#2	.52798	.39329	-.00207	.00007	.00706	.0078	.12339	4.3663
#3	.53407	.38513	-.00174	.00048	.00905	.0067	.12407	4.5816

Sample Name: K2994-04 Acquired: 5/23/2019 21:09:08 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8-S Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.549
Stddev	2.164
%RSD	17.245

#1	13.033
#2	10.184
#3	14.431

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3429.2	44997.	4352.1	42.660	3381.5
Stddev	16.6	206.	19.9	1.492	16.8
%RSD	.48312	.45768	.45740	3.4973	.49593

#1	3447.8	44798.	4370.3	41.109	3400.7
#2	3423.7	44983.	4355.2	44.085	3369.9
#3	3416.1	45210.	4330.9	42.786	3373.9

Sample Name: K2994-08 Acquired: 5/23/2019 21:13:41 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-8-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01188	-.00285	.00295	.00186	-.00072	.22131	.07890	.00011
Stddev	.00301	.00127	.00047	.00364	.00123	.00958	.00086	.00003
%RSD	25.331	44.691	15.929	196.23	171.05	4.3281	1.0876	25.515

#1	.01288	-.00224	.00241	.00162	-.00153	.22368	.07791	.00012
#2	.00850	-.00200	.00316	-.00166	-.00133	.21077	.07946	.00013
#3	.01427	-.00432	.00327	.00561	.00070	.22948	.07932	.00008

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	10.226	.00099	.00100	.00633	1.4798	.32886	6.0185
Stddev	.00005	.065	.00023	.00001	.00012	.0047	.00119	.1603
%RSD	112.56	.63370	23.734	1.1600	1.8802	.31766	.36261	2.6635

#1	.00000	10.156	.00090	.00101	.00633	1.4753	.32819	5.8342
#2	-.00009	10.283	.00081	.00099	.00645	1.4793	.32815	6.0955
#3	-.00004	10.240	.00125	.00100	.00622	1.4847	.33024	6.1257

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00164	.00008	296.53	.00139	.04479	2.5707	.00104	.07870
Stddev	.00035	.00023	2.29	.00029	.00015	.0086	.00014	.01341
%RSD	21.295	272.07	.77272	20.533	.34557	.33665	13.636	17.045

#1	.00142	-.00009	296.66	.00159	.04490	2.5751	.00114	.08890
#2	.00145	.00034	294.17	.00107	.04462	2.5763	.00088	.06350
#3	.00204	-.00001	298.75	.00153	.04486	2.5607	.00111	.08368

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41890	.86013	-.00210	.00849	.00428	.3118	.06794	4.0585
Stddev	.00423	.00430	.00066	.00066	.00079	.0019	.00041	.1138
%RSD	1.0101	.49988	31.431	7.7776	18.522	.5965	.59972	2.8044

#1	.42209	.86305	-.00200	.00805	.00478	.3133	.06748	4.1687
#2	.41410	.85520	-.00280	.00816	.00470	.3097	.06808	4.0656
#3	.42051	.86216	-.00149	.00925	.00337	.3125	.06825	3.9413

Sample Name: K2994-08 Acquired: 5/23/2019 21:13:41 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-8-D Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 10.427
 Stddev .892
 %RSD 8.5542

#1 10.586
 #2 11.228
 #3 9.4660

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3493.5	45260.	4290.1	44.786	3466.2
Stddev	3.8	193.	24.3	1.191	5.3
%RSD	.10740	.42688	.56670	2.6597	.15428

#1	3489.2	45318.	4281.3	43.609	3463.0
#2	3495.7	45417.	4317.5	45.991	3463.3
#3	3495.7	45044.	4271.3	44.757	3472.4

Sample Name: K2994-16 Acquired: 5/23/2019 21:18:14 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-6-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00254	-.00266	.02658	.00372	.00374	.10572	.85468	.00053
Stddev	.00161	.00075	.00022	.00295	.00119	.01035	.00823	.00004
%RSD	63.124	28.082	.82626	79.312	31.839	9.7949	.96276	6.5594

#1	.00335	-.00347	.02666	.00031	.00455	.10866	.85075	.00055
#2	.00359	-.00199	.02674	.00535	.00429	.09421	.84915	.00056
#3	.00070	-.00254	.02633	.00549	.00237	.11428	.86414	.00049

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00064	90.490	.00341	.01113	.01729	13.832	.64212	2.4151
Stddev	.00001	.605	.00034	.00002	.00016	.069	.00317	.0343
%RSD	2.1055	.66819	10.008	.14585	.92112	.50136	.49294	1.4215

#1	-.00064	89.793	.00302	.01112	.01720	13.823	.64252	2.4546
#2	-.00062	90.867	.00356	.01113	.01747	13.768	.63877	2.3922
#3	-.00065	90.811	.00365	.01115	.01720	13.906	.64506	2.3985

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02936	-.00106	305.49	-.00061	.18747	.58528	.00028	.05247
Stddev	.00016	.00048	2.19	.00050	.00050	.05407	.00014	.01041
%RSD	.54149	45.229	.71814	80.925	.26653	9.2383	49.204	19.841

#1	.02927	-.00160	302.98	-.00009	.18802	.52285	.00038	.04166
#2	.02954	-.00093	307.05	-.00108	.18735	.61593	.00032	.05331
#3	.02926	-.00066	306.44	-.00067	.18704	.61705	.00012	.06243

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0507	4.0020	-.00183	.00187	.00840	.0082	.33196	4.6744
Stddev	.0176	.0247	.00036	.00155	.00074	.0015	.00206	.0158
%RSD	.85652	.61802	19.373	82.929	8.7797	18.39	.62037	.33754

#1	2.0539	3.9737	-.00194	.00174	.00873	.0067	.32965	4.6671
#2	2.0665	4.0191	-.00144	.00039	.00756	.0097	.33267	4.6925
#3	2.0318	4.0133	-.00213	.00348	.00892	.0083	.33358	4.6637

Sample Name: K2994-16 Acquired: 5/23/2019 21:18:14 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-6-S Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	11.245
Stddev	1.002
%RSD	8.9140

#1	11.078
#2	12.320
#3	10.336

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3427.5	44809.	4281.5	42.591	3387.7
Stddev	2.4	222.	25.9	.912	6.0
%RSD	.07028	.49529	.60476	2.1422	.17717

#1	3426.0	44835.	4302.6	43.549	3381.7
#2	3430.2	45017.	4252.6	41.733	3387.8
#3	3426.1	44575.	4289.2	42.492	3393.7

Sample Name: CCV09 Acquired: 5/23/2019 21:22:46 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7877	4.9542	4.6807	4.9534	4.7617	9.3707	9.3624	.23739
Stddev	.0109	.0059	.0072	.0147	.0100	.0727	.1133	.00036
%RSD	.22840	.11866	.15408	.29693	.21063	.77554	1.2097	.15262
#1	4.7988	4.9474	4.6785	4.9701	4.7638	9.3108	9.2329	.23742
#2	4.7769	4.9577	4.6887	4.9478	4.7704	9.4516	9.4429	.23773
#3	4.7873	4.9575	4.6747	4.9424	4.7507	9.3498	9.4114	.23701
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4010	25.304	.99696	2.3707	1.1727	4.9612	2.4368	23.136
Stddev	.0031	.213	.00113	.0017	.0023	.0014	.0021	.344
%RSD	.12817	.84120	.11375	.07010	.19750	.02812	.08587	1.4850
#1	2.4024	25.059	.99603	2.3723	1.1747	4.9611	2.4347	23.084
#2	2.4031	25.408	.99822	2.3707	1.1732	4.9599	2.4388	23.502
#3	2.3975	25.445	.99664	2.3690	1.1702	4.9627	2.4371	22.821
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4669	1.2347	23.871	2.5563	2.3336	23.793	4.8215	4.8841
Stddev	.0022	.0013	.147	.0032	.0019	.140	.0089	.0760
%RSD	.08914	.10457	.61440	.12606	.08217	.58902	.18478	1.5553
#1	2.4677	1.2337	23.867	2.5531	2.3348	23.676	4.8244	4.8605
#2	2.4686	1.2341	24.019	2.5561	2.3347	23.948	4.8287	4.9690
#3	2.4645	1.2361	23.726	2.5596	2.3314	23.755	4.8116	4.8227
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8829	5.0492	4.8474	4.8922	4.9533	5.015	4.9526	F 3.6479
Stddev	.0069	.0755	.0079	.0492	.0729	.005	.0640	.0654
%RSD	.14132	1.4953	.16225	1.0065	1.4719	.0937	1.2916	1.7925
#1	4.8829	4.9888	4.8423	4.8372	4.8765	5.020	4.8853	3.5755
#2	4.8760	5.0250	4.8564	4.9070	4.9617	5.013	4.9599	3.7027
#3	4.8898	5.1338	4.8433	4.9323	5.0216	5.012	5.0126	3.6655

Sample Name: CCV09 Acquired: 5/23/2019 21:22:46 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15011 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.1211
Stddev	.6829
%RSD	32.197

#1	1.8654
#2	1.6029
#3	2.8949

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3618.4	47375.	4284.9	43.134	3568.7
Stddev	9.6	143.	52.3	.933	7.5
%RSD	.26413	.30261	1.2209	2.1626	.21012

#1	3611.6	47482.	4332.3	44.186	3561.8
#2	3614.2	47212.	4293.6	42.408	3567.6
#3	3629.3	47430.	4228.7	42.809	3576.7

Sample Name: CCB09 Acquired: 5/23/2019 21:26:53 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00143	.00078	-.00136	.00129	-.00078	-.01023	.00109
Stddev	.00155	.00109	.00065	.00171	.00074	.00567	.00045
%RSD	108.36	140.08	47.840	131.70	94.595	55.422	41.497

#1	.00194	.00202	-.00106	.00242	-.00056	-.00491	.00151
#2	.00267	.00031	-.00210	-.00067	-.00160	-.00959	.00114
#3	-.00031	.00000	-.00091	.00213	-.00018	-.01619	.00061

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00012	-.02049	.00037	-.00001	-.00085	.00093
Stddev	.00002	.00004	.00396	.00037	.00013	.00028	.00033
%RSD	77.232	33.079	19.318	101.16	1952.4	33.394	35.632

#1	.00001	.00014	-.01662	-.00006	.00010	-.00089	.00083
#2	.00004	.00015	-.02453	.00060	.00003	-.00055	.00131
#3	.00001	.00008	-.02031	.00057	-.00015	-.00111	.00067

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.01435	.00030	.00005	.09188	.00012	-.00033
Stddev	.00005	.02278	.00016	.00005	.00941	.00016	.00004
%RSD	67.078	158.72	52.020	117.29	10.236	137.05	13.042

#1	.00012	-.00724	.00048	-.00001	.09466	.00013	-.00034
#2	.00009	.00402	.00018	.00005	.08140	-.00005	-.00028
#3	.00002	-.03985	.00024	.00010	.09959	.00028	-.00036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08083	.00067	.00487	F -.01253	-.00072	-.00252	.00277
Stddev	.03663	.00033	.01096	.00201	.00168	.00023	.00131
%RSD	45.316	49.553	225.18	16.018	233.35	9.3182	47.307

#1	.10092	.00076	.01151	-.01479	.00053	-.00225	.00426
#2	.03855	.00094	-.00778	-.01184	-.00006	-.00262	.00223
#3	.10301	.00030	.01087	-.01095	-.00263	-.00269	.00181

Sample Name: CCB09 Acquired: 5/23/2019 21:26:53 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15011 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00171	.0030	.00025	F 2.2305	F .92469
Stddev	.00064	.0015	.00002	.1277	1.3574
%RSD	37.308	48.50	8.9720	5.7271	146.79

#1	.00100	.0044	.00028	2.1970	-.60884
#2	.00192	.0015	.00023	2.1229	1.4109
#3	.00222	.0033	.00025	2.3717	1.9720

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3809.6	49842.	4327.2	45.427	4050.4
Stddev	9.6	107.	20.4	1.934	10.3
%RSD	.25138	.21536	.47079	4.2576	.25427

#1	3798.5	49869.	4324.7	43.500	4039.1
#2	3814.5	49933.	4308.2	47.368	4052.7
#3	3815.6	49723.	4348.7	45.414	4059.3

Sample Name: K2997-01 Acquired: 5/23/2019 21:31:22 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DPC-81626-FB Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00381	.00628	.00286	-.00010	.02783	.37699	.00005
Stddev	.00111	.00027	.00024	.00283	.00095	.00633	.00130	.00003
%RSD	1647.6	7.1480	3.7670	99.072	957.76	22.753	.34385	66.607

#1	-.00095	-.00362	.00633	.00612	.00005	.02814	.37740	.00008
#2	.00126	-.00370	.00602	.00143	-.00111	.02135	.37803	.00004
#3	-.00011	-.00412	.00648	.00103	.00076	.03400	.37554	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	62.727	.00034	.00354	.01227	.17896	.59437	3.9337
Stddev	.00002	.056	.00015	.00017	.00007	.00060	.00077	.0341
%RSD	1.2628	.08992	44.430	4.7368	.58320	.33568	.13024	.86691

#1	.00150	62.705	.00017	.00374	.01230	.17896	.59507	3.8944
#2	.00146	62.685	.00040	.00343	.01233	.17836	.59354	3.9554
#3	.00148	62.791	.00046	.00347	.01219	.17956	.59451	3.9512

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02001	-.00072	313.39	-.00134	1.0126	3.0665	.00034	.06789
Stddev	.00012	.00055	1.98	.00031	.0034	.0384	.00032	.01489
%RSD	.61913	75.860	.63316	23.290	.33414	1.2530	92.558	21.934

#1	.02008	-.00074	311.48	-.00116	1.0127	3.0295	.00068	.06236
#2	.02008	-.00126	313.26	-.00116	1.0092	3.1062	.00028	.05655
#3	.01987	-.00017	315.44	-.00170	1.0159	3.0638	.00006	.08475

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5204	2.1816	-.00164	.00095	.01008	.0172	.35050	5.4713
Stddev	.0125	.0102	.00017	.00085	.00051	.0014	.00077	.2490
%RSD	.49589	.46801	10.249	90.089	5.0481	7.975	.22089	4.5518

#1	2.5349	2.1791	-.00164	.00094	.00950	.0173	.35104	5.6934
#2	2.5137	2.1729	-.00147	.00010	.01047	.0157	.35085	5.5184
#3	2.5127	2.1928	-.00181	.00181	.01027	.0184	.34961	5.2020

Sample Name: K2997-01 Acquired: 5/23/2019 21:31:22 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DPC-81626-FB Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.796
Stddev	.842
%RSD	6.5793

#1	12.371
#2	12.251
#3	13.765

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3461.8	45062.	4336.5	44.280	3427.0
Stddev	6.2	79.	18.1	.112	11.3
%RSD	.17831	.17443	.41735	.25226	.33114

#1	3456.9	44980.	4321.9	44.346	3421.1
#2	3468.8	45068.	4356.8	44.343	3440.0
#3	3459.9	45137.	4330.9	44.151	3419.8

Sample Name: K2997-02 Acquired: 5/23/2019 21:35:53 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-81626-FB 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	-.00390	.02445	.00397	.00060	.05384	.20241	-.00001
Stddev	.00392	.00011	.00015	.00341	.00090	.00922	.00065	.00006
%RSD	1040.7	2.8348	.59774	85.935	149.92	17.124	.31869	628.31

#1	.00487	-.00400	.02444	.00003	-.00044	.06079	.20227	-.00008
#2	-.00143	-.00391	.02431	.00603	.00118	.05734	.20312	.00002
#3	-.00231	-.00378	.02460	.00585	.00105	.04338	.20185	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00110	24.042	.00069	.00159	.01421	.11305	.28053	1.4917
Stddev	.00002	.147	.00032	.00008	.00031	.00214	.00123	.0118
%RSD	1.8709	.61150	45.626	5.0524	2.1980	1.8956	.43827	.78944

#1	.00108	23.885	.00065	.00150	.01433	.11454	.28195	1.4790
#2	.00112	24.062	.00040	.00164	.01386	.11401	.27986	1.5022
#3	.00110	24.177	.00103	.00164	.01445	.11059	.27978	1.4939

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02026	.00022	295.39	-.00010	.86448	1.6912	-.00017	.04026
Stddev	.00020	.00041	2.94	.00026	.00367	.0193	.00003	.00761
%RSD	1.0086	184.04	.99635	250.47	.42464	1.1403	18.020	18.902

#1	.02005	-.00001	292.29	.00005	.86565	1.6722	-.00018	.04899
#2	.02046	.00070	295.73	-.00041	.86037	1.7108	-.00013	.03501
#3	.02029	-.00002	298.14	.00005	.86742	1.6907	-.00019	.03679

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4833	.98048	-.00248	.00212	.00747	.0171	.12172	4.6271
Stddev	.0047	.00978	.00104	.00043	.00089	.0016	.00009	.1127
%RSD	.18988	.99737	41.885	20.409	11.858	9.142	.07546	2.4363

#1	2.4795	.97341	-.00291	.00204	.00678	.0165	.12166	4.7395
#2	2.4818	.97640	-.00129	.00174	.00847	.0189	.12183	4.5140
#3	2.4886	.99164	-.00323	.00259	.00716	.0160	.12168	4.6279

Sample Name: K2997-02 Acquired: 5/23/2019 21:35:53 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DPC-81626-FB Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.268
Stddev	.554
%RSD	4.5165

#1	12.121
#2	12.881
#3	11.802

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3507.7	45766.	4333.8	44.862	3509.0
Stddev	15.6	156.	22.6	.463	13.7
%RSD	.44371	.34174	.52258	1.0312	.39004

#1	3491.1	45608.	4341.0	44.339	3495.3
#2	3521.9	45769.	4352.0	45.032	3522.7
#3	3510.0	45921.	4308.4	45.216	3509.0

Sample Name: K2997-03 Acquired: 5/23/2019 21:40:26 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-81626-FB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00289	-.00319	.00655	.00257	-.00139	.04673	.21403	.00004
Stddev	.00356	.00105	.00021	.00074	.00048	.00893	.00098	.00004
%RSD	123.15	32.812	3.2445	28.956	34.816	19.119	.45880	90.380

#1	-.00615	-.00208	.00631	.00295	-.00097	.04420	.21390	.00004
#2	-.00341	-.00417	.00662	.00303	-.00192	.05666	.21507	.00009
#3	.00090	-.00333	.00671	.00171	-.00128	.03934	.21312	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00122	72.835	.00076	.00226	.00910	.14186	.40033	2.7714
Stddev	.00003	.393	.00020	.00002	.00018	.00194	.00076	.0626
%RSD	2.8221	.53908	26.076	.81694	2.0161	1.3654	.18919	2.2602

#1	.00124	72.393	.00071	.00224	.00924	.14283	.39952	2.7334
#2	.00123	73.144	.00098	.00226	.00918	.14312	.40102	2.8437
#3	.00118	72.969	.00060	.00228	.00889	.13963	.40044	2.7370

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01673	-.00047	246.73	-.00063	.68676	2.2018	.00072	.05142
Stddev	.00031	.00047	.48	.00025	.00195	.0334	.00015	.01388
%RSD	1.8262	98.792	.19516	39.481	.28344	1.5182	20.855	26.992

#1	.01707	-.00018	246.82	-.00089	.68867	2.1965	.00056	.03942
#2	.01648	-.00101	246.21	-.00039	.68478	2.2376	.00086	.06662
#3	.01664	-.00023	247.16	-.00063	.68682	2.1714	.00074	.04822

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7852	2.2526	-.00362	.00322	.00937	.0221	.29741	4.1679
Stddev	.0084	.0161	.00063	.00268	.00071	.0018	.00173	.4779
%RSD	.30087	.71352	17.288	83.245	7.6262	7.988	.58195	11.466

#1	2.7784	2.2469	-.00308	.00592	.01000	.0226	.29580	4.2045
#2	2.7946	2.2708	-.00347	.00056	.00951	.0236	.29924	3.6728
#3	2.7827	2.2402	-.00431	.00318	.00859	.0201	.29718	4.6265

Sample Name: K2997-03 Acquired: 5/23/2019 21:40:26 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DPC-81626-FB Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 11.181
 Stddev 1.847
 %RSD 16.522

#1 9.1533
 #2 11.621
 #3 12.768

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3484.5	45648.	4303.3	44.156	3483.4
Stddev	14.2	105.	8.4	1.090	13.7
%RSD	.40791	.22998	.19439	2.4688	.39386

#1	3468.2	45612.	4312.8	44.930	3467.9
#2	3490.7	45567.	4300.0	44.628	3494.0
#3	3494.5	45767.	4297.0	42.909	3488.3

Sample Name: K2997-04 Acquired: 5/23/2019 21:44:58 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DPC-81626-FB Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00197	-.00430	.01226	.00470	.00100	.04644	.33647	.00003
Stddev	.00065	.00176	.00062	.00216	.00134	.01216	.00054	.00005
%RSD	33.051	40.999	5.0368	45.839	133.49	26.191	.15918	168.59

#1	-.00130	-.00325	.01264	.00426	-.00015	.04616	.33598	.00005
#2	-.00260	-.00332	.01259	.00280	.00068	.05873	.33638	-.00003
#3	-.00200	-.00634	.01155	.00705	.00247	.03441	.33704	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	31.619	.00062	.00230	.01844	.34211	.27552	1.7646
Stddev	.00006	.179	.00026	.00013	.00015	.00166	.00024	.0119
%RSD	3.9667	.56731	41.939	5.5873	.79239	.48434	.08530	.67604

#1	.00144	31.453	.00037	.00216	.01860	.34384	.27536	1.7539
#2	.00146	31.809	.00061	.00235	.01831	.34053	.27579	1.7623
#3	.00155	31.595	.00089	.00240	.01842	.34196	.27541	1.7775

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02318	-.00014	323.02	-.00046	1.3057	2.3356	.00011	.04894
Stddev	.00005	.00029	1.33	.00011	.0024	.0256	.00022	.00997
%RSD	.21251	200.05	.41075	23.272	.18247	1.0982	194.64	20.371

#1	.02314	-.00030	323.11	-.00059	1.3084	2.3064	.00036	.05714
#2	.02316	.00019	321.65	-.00039	1.3041	2.3462	.00003	.03784
#3	.02323	-.00032	324.30	-.00042	1.3045	2.3543	-.00005	.05182

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6858	1.1664	-.00247	.00117	.00640	.0165	.16619	3.8155
Stddev	.0018	.0034	.00014	.00115	.00156	.0013	.00039	.3010
%RSD	.10619	.29087	5.8022	98.340	24.414	8.126	.23520	7.8886

#1	1.6848	1.1676	-.00242	.00145	.00510	.0172	.16588	3.9701
#2	1.6879	1.1691	-.00236	.00216	.00813	.0174	.16663	4.0077
#3	1.6848	1.1626	-.00263	-.00009	.00596	.0150	.16606	3.4686

Sample Name: K2997-04 Acquired: 5/23/2019 21:44:58 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DPC-81626-FB Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	9.2778
Stddev	1.4667
%RSD	15.809

#1	7.8135
#2	10.747
#3	9.2730

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3491.2	45390.	4329.5	44.639	3466.4
Stddev	2.5	71.	22.1	1.097	4.6
%RSD	.07165	.15627	.51004	2.4563	.13170

#1	3491.3	45310.	4316.9	44.230	3462.5
#2	3493.7	45443.	4316.7	43.805	3471.4
#3	3488.7	45419.	4355.0	45.881	3465.2

Sample Name: K2997-05 Acquired: 5/23/2019 21:49:31 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: DPC-81626-FB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00294	-.00384	.01108	.00212	.00108	.02275	.26236	.00005
Stddev	.00057	.00112	.00032	.00135	.00072	.00776	.00391	.00007
%RSD	19.317	29.152	2.9218	63.985	66.537	34.119	1.4921	147.69

#1	-.00242	-.00505	.01135	.00364	.00169	.02705	.25972	.00013
#2	-.00355	-.00283	.01072	.00104	.00029	.01379	.26051	.00002
#3	-.00284	-.00365	.01118	.00167	.00126	.02740	.26686	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00174	65.354	.00063	.00321	.01663	.17120	.47315	3.3991
Stddev	.00003	.697	.00021	.00005	.00016	.00096	.00092	.0778
%RSD	1.8763	1.0662	32.783	1.6723	.94556	.55935	.19511	2.2887

#1	.00175	64.573	.00065	.00325	.01662	.17082	.47309	3.3189
#2	.00170	65.913	.00041	.00315	.01679	.17050	.47226	3.4742
#3	.00177	65.576	.00082	.00323	.01648	.17229	.47411	3.4042

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02213	-.00037	312.06	-.00126	.96040	2.9908	.00078	.03513
Stddev	.00074	.00041	4.27	.00016	.00391	.0512	.00004	.00741
%RSD	3.3532	111.31	1.3669	12.400	.40667	1.7114	4.8175	21.109

#1	.02162	-.00084	307.45	-.00121	.96455	2.9674	.00077	.04247
#2	.02179	-.00016	312.89	-.00143	.95984	2.9554	.00074	.02764
#3	.02299	-.00011	315.86	-.00113	.95680	3.0494	.00081	.03528

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0846	1.5829	-.00305	.00076	.01077	.0206	.27812	4.3060
Stddev	.0155	.0113	.00168	.00081	.00241	.0016	.00247	.1015
%RSD	.50310	.71183	55.101	106.84	22.397	7.826	.88841	2.3566

#1	3.1016	1.5879	-.00111	.00118	.00833	.0197	.27583	4.4216
#2	3.0812	1.5907	-.00407	-.00018	.01085	.0196	.28074	4.2649
#3	3.0712	1.5699	-.00396	.00129	.01315	.0224	.27780	4.2316

Sample Name: K2997-05 Acquired: 5/23/2019 21:49:31 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: DPC-81626-FB Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.615
Stddev	1.725
%RSD	13.675

#1	11.216
#2	12.088
#3	14.543

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3442.5	44911.	4290.0	44.436	3408.7
Stddev	13.7	142.	37.7	1.610	16.0
%RSD	.39697	.31547	.87978	3.6228	.47083

#1	3428.6	44892.	4278.4	43.783	3392.9
#2	3442.9	45062.	4259.5	43.256	3408.3
#3	3455.9	44780.	4332.2	46.270	3425.0

Sample Name: K3008-07 Acquired: 5/23/2019 21:54:02 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-19 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00097	-.00328	.00369	.00335	-.00034	.04390	.13992	-.00006
Stddev	.00079	.00149	.00107	.00389	.00038	.01104	.00065	.00005
%RSD	81.851	45.543	28.992	116.28	111.49	25.138	.46720	81.841

#1	.00071	-.00354	.00488	-.00012	.00004	.05613	.14036	-.00002
#2	.00034	-.00463	.00339	.00756	-.00072	.04092	.14023	-.00006
#3	.00186	-.00167	.00280	.00261	-.00034	.03467	.13917	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	156.87	.00134	.00341	.00429	.03428	.35485	3.1323
Stddev	.00004	.64	.00031	.00015	.00045	.00040	.00078	.0244
%RSD	6.7548	.40677	23.481	4.3720	10.414	1.1741	.21943	.77887

#1	.00051	156.61	.00109	.00356	.00448	.03424	.35575	3.1305
#2	.00053	156.40	.00169	.00326	.00460	.03470	.35448	3.1088
#3	.00058	157.59	.00124	.00341	.00378	.03390	.35434	3.1575

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00530	-.00025	317.66	.00084	.06738	2.2306	.00097	.03234
Stddev	.00015	.00038	1.25	.00020	.00024	.0531	.00026	.00883
%RSD	2.8975	153.42	.39351	24.115	.34932	2.3781	26.378	27.302

#1	.00523	-.00069	317.83	.00067	.06761	2.2217	.00084	.02311
#2	.00520	.00003	316.33	.00078	.06738	2.2875	.00127	.04071
#3	.00548	-.00010	318.82	.00106	.06714	2.1825	.00081	.03320

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0832	6.0748	-.00244	.00012	.01186	.0111	.44172	5.3017
Stddev	.0129	.0222	.00178	.00090	.00034	.0014	.00192	.1500
%RSD	.41934	.36456	72.759	766.61	2.8886	12.30	.43404	2.8286

#1	3.0903	6.0520	-.00042	-.00090	.01150	.0107	.44093	5.2903
#2	3.0910	6.0762	-.00318	.00081	.01219	.0125	.44031	5.4570
#3	3.0683	6.0962	-.00373	.00043	.01188	.0099	.44390	5.1577

Sample Name: K3008-07 Acquired: 5/23/2019 21:54:02 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-19 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 15.430
 Stddev 1.888
 %RSD 12.235

#1 16.646
 #2 16.390
 #3 13.255

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3403.9	44139.	4187.9	41.580	3362.1
Stddev	17.1	324.	6.5	.752	15.9
%RSD	.50169	.73386	.15600	1.8093	.47252

#1	3384.2	43783.	4189.8	41.748	3343.8
#2	3415.2	44217.	4193.3	40.757	3370.0
#3	3412.2	44417.	4180.6	42.233	3372.4

Sample Name: K3008-08 Acquired: 5/23/2019 21:58:34 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00141	-.00259	.00815	.00334	-.00136	.17738	.11092	-.00002
Stddev	.00030	.00124	.00106	.00180	.00077	.00809	.00122	.00001
%RSD	21.012	47.739	12.990	53.864	56.419	4.5589	1.0962	51.147

#1	.00112	-.00197	.00694	.00270	-.00097	.17202	.10985	-.00003
#2	.00139	-.00402	.00860	.00538	-.00086	.17343	.11066	-.00001
#3	.00171	-.00179	.00890	.00195	-.00224	.18668	.11224	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00087	164.31	.00071	.00376	.00582	.20796	.53094	2.7423
Stddev	.00005	1.55	.00020	.00030	.00034	.00077	.00069	.0143
%RSD	5.9399	.94349	28.504	7.9769	5.8593	.36876	.12962	.52094

#1	.00081	164.67	.00074	.00359	.00557	.20708	.53083	2.7448
#2	.00089	165.66	.00090	.00359	.00621	.20848	.53167	2.7270
#3	.00090	162.62	.00050	.00411	.00568	.20832	.53030	2.7552

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00418	-.00056	309.47	.00036	.07893	2.3728	.00141	.03463
Stddev	.00013	.00037	1.76	.00016	.00014	.0480	.00010	.01471
%RSD	3.1600	65.580	.57021	45.456	.17150	2.0229	7.2934	42.476

#1	.00412	-.00060	307.73	.00018	.07896	2.3192	.00145	.01808
#2	.00434	-.00018	311.26	.00042	.07905	2.4117	.00129	.04622
#3	.00410	-.00092	309.41	.00049	.07879	2.3877	.00149	.03957

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9166	6.2973	-.00306	.00915	.01085	.0218	.46925	5.6761
Stddev	.0058	.0841	.00083	.00154	.00065	.0004	.00524	.0865
%RSD	.14915	1.3349	27.155	16.782	6.0244	1.991	1.1163	1.5240

#1	3.9233	6.3603	-.00298	.01051	.01016	.0219	.47157	5.7647
#2	3.9144	6.3296	-.00228	.00749	.01092	.0222	.47292	5.6719
#3	3.9123	6.2018	-.00394	.00946	.01146	.0213	.46325	5.5918

Sample Name: K3008-08 Acquired: 5/23/2019 21:58:34 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: COMP-20 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 15.200
 Stddev 2.348
 %RSD 15.449

#1 13.259
 #2 17.810
 #3 14.531

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3387.4	44253.	4214.3	41.865	3348.0
Stddev	13.5	112.	59.7	.065	11.9
%RSD	.39706	.25341	1.4165	.15483	.35434

#1	3372.3	44196.	4164.9	41.896	3334.5
#2	3391.9	44181.	4197.2	41.791	3352.7
#3	3398.1	44382.	4280.6	41.909	3356.8

Sample Name: K3008-09 Acquired: 5/23/2019 22:03:06 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00094	-.00396	.00779	.00444	-.00029	.01963	.11374	-.00005
Stddev	.00048	.00124	.00063	.00087	.00143	.00903	.00208	.00003
%RSD	51.062	31.418	8.1513	19.646	490.82	45.991	1.8322	57.330

#1	.00125	-.00261	.00820	.00518	.00134	.01006	.11134	-.00002
#2	.00039	-.00507	.00810	.00467	-.00132	.02082	.11513	-.00005
#3	.00117	-.00419	.00706	.00348	-.00089	.02800	.11475	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	147.64	.00108	.00236	.00944	.00643	.37555	2.6175
Stddev	.00002	.33	.00033	.00021	.00032	.00049	.00065	.0529
%RSD	1.5192	.22690	30.844	8.8198	3.3424	7.5687	.17350	2.0201

#1	.00149	148.02	.00099	.00225	.00949	.00619	.37564	2.5613
#2	.00153	147.41	.00080	.00222	.00973	.00699	.37486	2.6663
#3	.00152	147.48	.00145	.00260	.00911	.00611	.37615	2.6249

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00499	-.00068	302.64	-.00017	.22491	2.5379	.00058	.02264
Stddev	.00026	.00026	1.06	.00032	.00065	.0357	.00012	.00989
%RSD	5.1983	37.705	.34996	194.11	.28728	1.4066	20.456	43.693

#1	.00471	-.00047	302.87	-.00038	.22539	2.5149	.00064	.01569
#2	.00506	-.00061	303.57	.00020	.22515	2.5199	.00044	.01826
#3	.00521	-.00097	301.49	-.00032	.22417	2.5791	.00065	.03396

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7172	4.9915	-.00245	-.00162	.01020	.0143	.43672	5.4952
Stddev	.0083	.0632	.00041	.00175	.00056	.0007	.00063	.2301
%RSD	.30601	1.2655	16.738	108.00	5.4797	5.115	.14330	4.1877

#1	2.7077	5.0631	-.00283	-.00364	.00964	.0135	.43720	5.6230
#2	2.7230	4.9438	-.00202	-.00056	.01022	.0145	.43695	5.6330
#3	2.7210	4.9675	-.00249	-.00066	.01076	.0148	.43602	5.2295

Sample Name: K3008-09 Acquired: 5/23/2019 22:03:06 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: COMP-21 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 16.310
Stddev .638
%RSD 3.9113

#1 15.857
#2 16.032
#3 17.039

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3388.0	44307.	4256.8	43.758	3343.7
Stddev	25.7	63.	47.9	.432	28.2
%RSD	.75851	.14287	1.1260	.98638	.84366

#1	3365.5	44318.	4204.3	44.087	3317.5
#2	3382.5	44239.	4267.9	43.919	3339.9
#3	3416.0	44364.	4298.2	43.269	3373.6

Sample Name: K2970-18 Acquired: 5/23/2019 22:07:38 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00079	-.00061	-.00046	.00103	-.00002	.00376	.41653	-.00000
Stddev	.00467	.00036	.00049	.00202	.00064	.00340	.00175	.00006
%RSD	592.34	58.688	107.17	196.36	3557.0	90.234	.42123	1226.6

#1	-.00450	-.00030	.00006	.00282	.00036	.00165	.41461	-.00007
#2	.00253	-.00052	-.00052	-.00116	-.00075	.00196	.41804	.00004
#3	.00434	-.00101	-.00091	.00143	.00034	.00768	.41694	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	32.998	.00042	-.00005	.00046	.00620	.23490	4.0137
Stddev	.00005	.481	.00060	.00009	.00038	.00041	.00042	.0501
%RSD	1476.1	1.4568	144.63	177.84	82.651	6.6710	.17915	1.2479

#1	-.00004	32.446	-.00024	.00004	.00075	.00667	.23444	4.0685
#2	.00001	33.228	.00053	-.00006	.00003	.00600	.23525	4.0024
#3	.00005	33.321	.00095	-.00014	.00060	.00592	.23502	3.9703

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00127	-.00019	214.45	-.00032	.02731	3.5457	.00178	.04518
Stddev	.00030	.00028	.61	.00031	.00009	.0469	.00008	.00860
%RSD	23.931	149.71	.28430	96.174	.33889	1.3237	4.3145	19.040

#1	-.00093	-.00045	214.07	-.00019	.02739	3.5223	.00187	.05125
#2	-.00151	.00011	215.15	-.00011	.02733	3.5997	.00173	.04895
#3	-.00136	-.00022	214.13	-.00068	.02721	3.5150	.00175	.03533

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36019	1.7006	-.00282	.00215	.01906	.0081	.25178	5.0284
Stddev	.00204	.0251	.00057	.00153	.00085	.0006	.00419	.0959
%RSD	.56582	1.4740	20.198	70.959	4.4436	7.545	1.6636	1.9064

#1	.35886	1.6767	-.00295	.00273	.01816	.0074	.24764	5.0477
#2	.35917	1.6986	-.00331	.00042	.01917	.0083	.25168	5.1131
#3	.36253	1.7267	-.00220	.00330	.01985	.0085	.25601	4.9243

Sample Name: K2970-18 Acquired: 5/23/2019 22:07:38 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-10 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.048
Stddev	.059
%RSD	.58764

#1	9.9798
#2	10.087
#3	10.076

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3465.7	45116.	4274.9	43.072	3441.7
Stddev	11.8	41.	55.1	1.103	13.9
%RSD	.34032	.08981	1.2900	2.5604	.40500

#1	3462.4	45069.	4320.3	43.692	3439.0
#2	3455.9	45142.	4290.9	43.725	3429.2
#3	3478.8	45135.	4213.6	41.799	3456.7

Sample Name: K2970-18DUP Acquired: 5/23/2019 22:12:04 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-10DUP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00148	-.00072	-.00045	.00353	.00007	.00386	.41905	.00001
Stddev	.00135	.00042	.00081	.00246	.00088	.01179	.00357	.00007
%RSD	91.361	58.504	179.94	69.736	1284.4	305.67	.85124	690.96
#1	.00003	-.00108	.00039	.00129	.00003	.01490	.41507	-.00007
#2	.00171	-.00026	-.00051	.00617	-.00079	.00523	.42195	.00003
#3	.00270	-.00082	-.00123	.00314	.00097	-.00856	.42012	.00007
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	32.925	.00044	-.00002	.00011	.00559	.23483	4.0257
Stddev	.00004	.639	.00015	.00026	.00015	.00032	.00022	.1474
%RSD	227.61	1.9419	33.170	1479.3	127.54	5.7629	.09294	3.6606
#1	-.00005	32.203	.00061	.00018	-.00000	.00523	.23473	3.9020
#2	-.00003	33.153	.00037	.00008	.00028	.00585	.23508	3.9864
#3	.00003	33.419	.00034	-.00031	.00007	.00570	.23469	4.1888
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00098	-.00001	216.03	-.00010	.02699	3.5692	.00154	.04795
Stddev	.00026	.00051	.82	.00034	.00019	.0242	.00024	.01257
%RSD	26.638	3520.3	.38026	328.22	.68549	.67658	15.740	26.215
#1	-.00085	-.00059	215.12	-.00031	.02716	3.5441	.00137	.06247
#2	-.00128	.00019	216.71	.00029	.02679	3.5713	.00143	.04090
#3	-.00082	.00036	216.27	-.00030	.02701	3.5923	.00182	.04049
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.35440	1.6957	-.00299	.00267	.01837	.0074	.25074	4.8391
Stddev	.00284	.0181	.00063	.00195	.00157	.0009	.00404	.0879
%RSD	.80137	1.0702	20.974	73.120	8.5611	12.30	1.6111	1.8170
#1	.35173	1.6750	-.00340	.00487	.01682	.0080	.24608	4.9064
#2	.35408	1.7088	-.00330	.00114	.01831	.0064	.25324	4.7396
#3	.35738	1.7033	-.00227	.00200	.01997	.0078	.25290	4.8713

Sample Name: K2970-18DUP Acquired: 5/23/2019 22:12:04 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-10DUP Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	8.4697
Stddev	1.3183
%RSD	15.565

#1	9.2156
#2	6.9475
#3	9.2460

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3456.9	44941.	4286.1	43.254	3432.4
Stddev	6.8	158.	32.7	.254	5.2
%RSD	.19663	.35076	.76253	.58608	.15138

#1	3450.0	44761.	4322.8	43.527	3426.4
#2	3457.1	45006.	4260.3	43.209	3435.7
#3	3463.6	45056.	4275.2	43.026	3435.0

Sample Name: CCV10 Acquired: 5/23/2019 22:16:30 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8361	4.9619	4.7100	5.0162	4.8226	9.5045	9.4950	.23874
Stddev	.0223	.0116	.0086	.0060	.0135	.1016	.1460	.00053
%RSD	.46058	.23404	.18236	.11948	.27886	1.0692	1.5376	.22373
#1	4.8320	4.9751	4.7197	5.0140	4.8235	9.4136	9.3284	.23930
#2	4.8601	4.9537	4.7036	5.0230	4.8356	9.6142	9.5557	.23868
#3	4.8162	4.9568	4.7066	5.0117	4.8087	9.4857	9.6007	.23824
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4182	25.358	1.0036	2.3822	1.1824	4.9866	2.4513	23.300
Stddev	.0044	.158	.0008	.0035	.0017	.0014	.0033	.231
%RSD	.18162	.62246	.08504	.14685	.14220	.02821	.13643	.99056
#1	2.4231	25.184	1.0042	2.3861	1.1832	4.9882	2.4535	23.069
#2	2.4168	25.493	1.0039	2.3794	1.1835	4.9854	2.4530	23.530
#3	2.4146	25.396	1.0026	2.3812	1.1804	4.9862	2.4474	23.300
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4838	1.2458	24.256	2.5678	2.3476	24.204	4.8597	4.9280
Stddev	.0066	.0014	.091	.0009	.0035	.130	.0112	.0389
%RSD	.26661	.10807	.37440	.03462	.14883	.53901	.23043	.78843
#1	2.4914	1.2444	24.209	2.5680	2.3514	24.133	4.8607	4.8938
#2	2.4811	1.2471	24.361	2.5669	2.3471	24.355	4.8704	4.9702
#3	2.4790	1.2458	24.199	2.5687	2.3444	24.125	4.8481	4.9199
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9164	5.0880	4.8627	4.9114	5.0131	5.046	5.0129	F 3.8215
Stddev	.0180	.0440	.0107	.0236	.0323	.015	.0252	.1547
%RSD	.36586	.86475	.22084	.47985	.64512	.2921	.50296	4.0467
#1	4.9330	5.0752	4.8679	4.8842	4.9985	5.058	4.9978	3.6868
#2	4.9188	5.0518	4.8503	4.9244	4.9906	5.050	4.9990	3.7875
#3	4.8973	5.1370	4.8698	4.9256	5.0501	5.029	5.0420	3.9904

Sample Name: CCV10 Acquired: 5/23/2019 22:16:30 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .37823
Stddev	1.2368
%RSD	326.99

#1	-.83670
#2	1.6357
#3	.33564

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3593.8	46820.	4259.0	43.067	3550.0
Stddev	9.9	82.	33.8	1.641	8.8
%RSD	.27684	.17522	.79419	3.8097	.24766

#1	3590.0	46908.	4267.2	44.155	3541.1
#2	3586.3	46746.	4287.9	43.866	3550.2
#3	3605.1	46804.	4221.8	41.180	3558.7

Sample Name: CCB10 Acquired: 5/23/2019 22:20:38 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8244 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00337	.00046	-.00156	.00059	-.00071	.00660	.00082
Stddev	.00032	.00154	.00022	.00059	.00025	.00841	.00055
%RSD	9.5310	338.58	14.302	100.39	34.881	127.44	66.731

#1	.00306	-.00068	-.00140	-.00009	-.00090	.01229	.00137
#2	.00370	-.00017	-.00146	.00100	-.00081	-.00306	.00080
#3	.00336	.00221	-.00181	.00085	-.00043	.01058	.00028

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00013	.00341	.00046	.00007	-.00097	.00042
Stddev	.00003	.00006	.01713	.00006	.00010	.00002	.00022
%RSD	104.73	46.971	502.80	13.650	139.72	2.1432	51.417

#1	.00000	.00008	.02138	.00052	.00001	-.00095	.00061
#2	.00002	.00011	-.01274	.00039	.00019	-.00097	.00048
#3	.00005	.00019	.00157	.00048	.00002	-.00099	.00018

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.04510	-.00014	-.00002	.08841	.00029	-.00028
Stddev	.00005	.06749	.00015	.00015	.01158	.00030	.00006
%RSD	125.73	149.63	109.65	945.09	13.095	106.00	20.086

#1	-.00001	.02448	-.00005	-.00017	.07533	-.00006	-.00022
#2	.00004	-.04952	-.00005	.00013	.09734	.00046	-.00029
#3	.00008	-.11028	-.00031	-.00001	.09258	.00046	-.00032

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07029	.00047	.01085	F -.01381	-.00071	-.00135	.00250
Stddev	.01807	.00006	.00573	.00195	.00136	.00052	.00131
%RSD	25.707	13.000	52.834	14.127	192.41	38.376	52.494

#1	.04963	.00045	.01695	-.01594	-.00071	-.00100	.00103
#2	.08317	.00053	.00557	-.01210	-.00208	-.00110	.00355
#3	.07805	.00042	.01004	-.01340	.00065	-.00194	.00294

Sample Name: CCB10 Acquired: 5/23/2019 22:20:38 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8244 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00157	.0037	.00020	F 1.7517	F .37564
Stddev	.00039	.0009	.00009	.1226	1.0080
%RSD	24.792	24.49	45.261	6.9984	268.34

#1	.00191	.0043	.00016	1.6117	-.14774
#2	.00115	.0042	.00030	1.8039	1.5376
#3	.00165	.0027	.00013	1.8396	-.26299

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3745.1	48896.	4256.3	44.445	3973.8
Stddev	9.0	169.	19.4	.813	22.6
%RSD	.24159	.34506	.45501	1.8290	.56766

#1	3740.2	49047.	4240.2	43.507	3950.3
#2	3739.5	48714.	4251.1	44.911	3975.8
#3	3755.5	48928.	4277.8	44.918	3995.3

Sample Name: K2970-18LX5 Acquired: 5/23/2019 22:25:08 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8244 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00132	-.00002	-.00146	.00172	-.00069	-.00165	.07963	.00010
Stddev	.00310	.00062	.00080	.00344	.00144	.01037	.00050	.00005
%RSD	235.24	3863.0	54.608	200.10	210.03	627.76	.62536	49.077

#1	.00447	-.00060	-.00061	-.00200	-.00223	.01032	.07978	.00008
#2	-.00173	-.00008	-.00218	.00237	-.00046	-.00752	.08003	.00016
#3	.00121	.00063	-.00158	.00478	.00063	-.00776	.07907	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	6.6184	.00040	-.00002	-.00042	.00157	.04747	.71113
Stddev	.00003	.0321	.00028	.00016	.00028	.00107	.00018	.01365
%RSD	83.144	.48516	68.658	945.92	66.688	68.329	.38901	1.9197

#1	.00003	6.5907	.00070	-.00009	-.00074	.00051	.04768	.71711
#2	.00001	6.6110	.00035	-.00013	-.00021	.00266	.04739	.72078
#3	.00007	6.6536	.00016	.00017	-.00032	.00155	.04734	.69551

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00064	.00009	41.829	.00008	.00522	.68470	.00042	.01847
Stddev	.00009	.00052	.030	.00016	.00010	.03764	.00009	.00616
%RSD	13.805	561.02	.07238	195.91	1.8343	5.4966	20.669	33.377

#1	-.00074	.00040	41.814	.00007	.00512	.68474	.00035	.01717
#2	-.00060	-.00050	41.810	-.00008	.00530	.72232	.00038	.02518
#3	-.00057	.00037	41.864	.00025	.00525	.64705	.00052	.01306

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06058	.36119	-.00276	.00232	.00401	.0041	.05105	3.1016
Stddev	.00256	.00239	.00094	.00064	.00109	.0005	.00046	.2916
%RSD	4.2235	.66222	34.138	27.726	27.238	12.92	.90223	9.4029

#1	.06343	.36142	-.00184	.00305	.00305	.0038	.05069	2.9358
#2	.05983	.35870	-.00372	.00208	.00378	.0038	.05089	2.9307
#3	.05848	.36347	-.00272	.00184	.00520	.0047	.05157	3.4384

Sample Name: K2970-18LX5 Acquired: 5/23/2019 22:25:08 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8244 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.5000
 Stddev .9733
 %RSD 21.628

#1 4.4617
 #2 3.5464
 #3 5.4918

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3626.4	47288.	4203.6	42.977	3740.7
Stddev	4.3	70.	41.5	1.528	3.5
%RSD	.11753	.14854	.98651	3.5557	.09401

#1	3621.9	47260.	4197.7	44.181	3743.6
#2	3630.4	47368.	4247.7	43.492	3741.8
#3	3626.9	47235.	4165.4	41.258	3736.8

Sample Name: K2970-18MS Acquired: 5/23/2019 22:29:35 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-10MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75943	1.9209	.92598	1.9867	.67312	1.9499	.66200	.19318	.19272
Stddev	.00707	.0049	.00116	.0038	.00171	.0271	.00810	.00079	.00056
%RSD	.93039	.25265	.12531	.19133	.25368	1.3895	1.2236	.40761	.29024
#1	.76557	1.9207	.92690	1.9852	.67489	1.9271	.65404	.19232	.19335
#2	.75171	1.9162	.92637	1.9839	.67148	1.9428	.67023	.19333	.19253
#3	.76102	1.9259	.92467	1.9910	.67300	1.9799	.66174	.19388	.19228
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.574	.41336	.19422	.28738	3.0639	.46152	6.3601	.49932	.07216
Stddev	.397	.00194	.00041	.00073	.0113	.00113	.0353	.00119	.00087
%RSD	1.0280	.46824	.20916	.25403	.36991	.24429	.55439	.23763	1.2099
#1	38.120	.41386	.19454	.28821	3.0589	.46054	6.3260	.50053	.07161
#2	38.748	.41122	.19436	.28712	3.0559	.46127	6.3578	.49926	.07171
#3	38.853	.41499	.19376	.28682	3.0769	.46275	6.3964	.49816	.07317
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	243.44	.32686	.21967	13.909	.35827	.35504	.38841	2.7912	.61457
Stddev	1.93	.00068	.00047	.099	.00056	.00561	.00157	.0165	.00245
%RSD	.79175	.20920	.21343	.71354	.15638	1.5787	.40456	.59299	.39831
#1	243.20	.32609	.22015	13.810	.35887	.35715	.39022	2.7740	.61702
#2	241.63	.32709	.21965	13.909	.35777	.34869	.38747	2.7925	.61212
#3	245.47	.32740	.21922	14.009	.35817	.35928	.38753	2.8070	.61459
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.18277	.22668	6.107	.47934	5.8036	10.379			
Stddev	.00403	.00258	.014	.00509	.2153	.612			
%RSD	2.2074	1.1402	.2327	1.0610	3.7101	5.8990			
#1	.17814	.22415	6.123	.47394	5.5818	11.063			
#2	.18467	.22656	6.096	.48404	6.0118	9.8827			
#3	.18550	.22931	6.101	.48003	5.8173	10.192			

Sample Name: K2970-18MS Acquired: 5/23/2019 22:29:35 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-10MS 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	3402.9	44006.	4082.6	42.848	3366.2
Stddev	15.6	96.	7.3	.461	15.6
%RSD	.45954	.21703	.17849	1.0751	.46313
#1	3384.9	43982.	4085.6	42.900	3348.4
#2	3413.1	43924.	4074.3	42.364	3372.5
#3	3410.8	44111.	4087.9	43.281	3377.6

Sample Name: K2970-18MSD Acquired: 5/23/2019 22:33:49 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-10MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76899	1.9280	.93611	2.0003	.66863	1.9273	.66582	.19318	.19448
Stddev	.00411	.0010	.00406	.0019	.00081	.0092	.00379	.00047	.00047
%RSD	.53457	.05123	.43355	.09332	.12107	.47851	.56875	.24430	.24118

#1	.76760	1.9283	.93400	2.0000	.66773	1.9220	.66209	.19297	.19406
#2	.77361	1.9288	.94079	2.0022	.66929	1.9379	.66571	.19285	.19499
#3	.76574	1.9269	.93354	1.9985	.66886	1.9219	.66966	.19372	.19439

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.638	.41157	.19515	.28987	3.0470	.45976	6.3363	.50096	.07218
Stddev	.083	.00070	.00087	.00120	.0061	.00042	.1669	.00226	.00034
%RSD	.21459	.16895	.44327	.41368	.19998	.09244	2.6342	.45073	.46758

#1	38.734	.41080	.19421	.28870	3.0482	.45976	6.1439	.49888	.07207
#2	38.595	.41176	.19591	.29109	3.0404	.45933	6.4421	.50062	.07191
#3	38.585	.41215	.19535	.28981	3.0524	.46018	6.4228	.50336	.07256

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	241.01	.32481	.22070	13.921	.35563	.35957	.39070	2.7561	.60974
Stddev	.64	.00035	.00057	.042	.00049	.01186	.00481	.0248	.00307
%RSD	.26474	.10731	.25820	.30409	.13719	3.2981	1.2310	.89953	.50423

#1	241.73	.32520	.22005	13.939	.35511	.37159	.38779	2.7651	.60619
#2	240.52	.32453	.22110	13.951	.35608	.35924	.38806	2.7280	.61143
#3	240.78	.32470	.22095	13.872	.35569	.34788	.39625	2.7751	.61160

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17882	.22517	6.146	.48009	5.6018	9.2539
Stddev	.00052	.00019	.015	.00338	.1579	1.2932
%RSD	.29281	.08615	.2365	.70342	2.8190	13.975

#1	.17921	.22496	6.129	.48125	5.7818	8.6168
#2	.17823	.22534	6.154	.47628	5.5372	8.4027
#3	.17903	.22521	6.153	.48273	5.4865	10.742

Sample Name: K2970-18MSD Acquired: 5/23/2019 22:33:49 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-10MSD 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	3388.0	44532.	4136.7	42.844	3353.5
Stddev	7.0	114.	36.1	.943	6.4
%RSD	.20537	.25687	.87152	2.2000	.19191
#1	3385.3	44400.	4097.7	43.913	3352.0
#2	3382.8	44595.	4168.7	42.131	3348.0
#3	3395.9	44602.	4143.7	42.489	3360.6

Sample Name: K2970-18A Acquired: 5/23/2019 22:38:07 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75982	1.9143	.92658	1.9829	.66711	1.9519	.66169	.19159	.19360
Stddev	.00424	.0067	.00315	.0065	.00056	.0263	.00054	.00038	.00047
%RSD	.55788	.34897	.34050	.32676	.08413	1.3490	.08172	.19782	.24425
#1	.75529	1.9067	.92426	1.9786	.66677	1.9248	.66126	.19124	.19310
#2	.76370	1.9191	.92530	1.9798	.66681	1.9774	.66151	.19199	.19365
#3	.76047	1.9172	.93017	1.9904	.66776	1.9535	.66230	.19154	.19404
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.547	.41262	.19445	.28721	3.0537	.45790	6.3134	.50093	.07145
Stddev	.422	.00112	.00085	.00111	.0069	.00051	.1179	.00129	.00071
%RSD	1.0955	.27099	.43632	.38758	.22717	.11221	1.8679	.25664	.99746
#1	38.080	.41352	.19418	.28618	3.0602	.45782	6.2104	.49969	.07162
#2	38.657	.41137	.19376	.28707	3.0545	.45742	6.4421	.50085	.07206
#3	38.903	.41297	.19539	.28839	3.0464	.45844	6.2877	.50226	.07066
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	239.75	.32447	.21925	13.955	.35656	.35465	.39090	2.7531	.61045
Stddev	2.28	.00030	.00045	.120	.00029	.00501	.00335	.0377	.00175
%RSD	.95048	.09178	.20328	.86090	.08070	1.4119	.85758	1.3684	.28669
#1	242.27	.32452	.21900	13.861	.35689	.34910	.38703	2.7326	.60891
#2	239.16	.32473	.21898	14.091	.35643	.35882	.39280	2.7302	.61008
#3	237.83	.32415	.21976	13.914	.35635	.35604	.39287	2.7966	.61235
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.18025	.22539	6.108	.47889	5.5841	9.6509			
Stddev	.00156	.00411	.016	.00584	.0721	1.1531			
%RSD	.86306	1.8251	.2688	1.2199	1.2905	11.948			
#1	.17846	.22174	6.091	.47520	5.5573	8.3371			
#2	.18131	.22458	6.109	.47585	5.5292	10.120			
#3	.18097	.22985	6.124	.48563	5.6657	10.495			

Sample Name: K2970-18A Acquired: 5/23/2019 22:38:07 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3424.2	44320.	4111.6	41.817	3379.7
Stddev	14.5	71.	46.8	.918	13.1
%RSD	.42457	.16006	1.1384	2.1946	.38637
#1	3410.5	44238.	4129.1	42.511	3368.4
#2	3422.7	44365.	4147.2	42.164	3376.8
#3	3439.4	44356.	4058.6	40.777	3394.0

Sample Name: K2994-18 Acquired: 5/23/2019 22:42:20 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-7 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00157	.00030	-.00094	.00421	.00007	.01002	.34219	.00004
Stddev	.00252	.00151	.00070	.00212	.00076	.01151	.00229	.00004
%RSD	160.84	512.10	74.041	50.299	1066.4	114.91	.66867	95.237

#1	.00328	.00152	-.00015	.00195	-.00078	.00387	.33956	.00009
#2	.00275	-.00140	-.00122	.00452	.00068	.02330	.34339	.00002
#3	-.00133	.00077	-.00146	.00615	.00031	.00289	.34363	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	25.439	.00102	-.00021	.00022	.02916	.09282	2.7433
Stddev	.00003	.212	.00018	.00006	.00015	.00062	.00030	.0410
%RSD	134.14	.83296	17.212	29.821	68.073	2.1412	.32498	1.4941

#1	.00000	25.207	.00084	-.00026	.00021	.02971	.09266	2.6961
#2	.00001	25.488	.00119	-.00014	.00037	.02929	.09262	2.7703
#3	.00005	25.622	.00102	-.00023	.00007	.02848	.09316	2.7635

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00078	-.00028	61.267	.00004	.02150	1.8630	.00121	.06212
Stddev	.00004	.00032	.223	.00009	.00009	.0033	.00009	.00924
%RSD	5.6281	112.21	.36406	227.90	.40901	.17545	7.3041	14.868

#1	-.00073	.00008	61.012	-.00006	.02158	1.8664	.00120	.05273
#2	-.00079	-.00040	61.424	.00013	.02141	1.8599	.00113	.06243
#3	-.00081	-.00053	61.365	.00005	.02152	1.8625	.00131	.07120

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32129	2.0669	-.00291	.00149	.00949	.0031	.16030	3.9549
Stddev	.00489	.0138	.00066	.00068	.00239	.0004	.00110	.1726
%RSD	1.5209	.66871	22.579	45.799	25.153	13.99	.68507	4.3637

#1	.32413	2.0691	-.00231	.00083	.00832	.0033	.15907	3.8043
#2	.32409	2.0522	-.00361	.00144	.00791	.0026	.16063	3.9172
#3	.31564	2.0795	-.00281	.00220	.01223	.0035	.16119	4.1432

Sample Name: K2994-18 Acquired: 5/23/2019 22:42:20 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-7 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.7432
Stddev	.2958
%RSD	6.2371

#1	4.4150
#2	4.8249
#3	4.9895

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3538.9	46390.	4168.2	44.757	3652.6
Stddev	15.2	112.	17.3	.312	12.2
%RSD	.42963	.24183	.41604	.69686	.33452

#1	3531.6	46261.	4153.8	44.852	3644.4
#2	3528.7	46440.	4187.5	44.409	3646.8
#3	3556.4	46468.	4163.4	45.011	3666.7

Sample Name: K2993-01 Acquired: 5/23/2019 22:46:47 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-1_2.0-2.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01870	-.08824	.31314	-.04152	.01297	325.47	1.9182
Stddev	.00132	.00414	.00224	.00218	.00134	3.09	.0214
%RSD	7.0362	4.6942	.71493	5.2585	10.334	.94972	1.1170

#1	-.02021	-.09287	.31056	-.04362	.01434	322.82	1.8984
#2	-.01811	-.08696	.31447	-.03926	.01292	324.73	1.9154
#3	-.01778	-.08489	.31440	-.04167	.01166	328.87	1.9409

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05692	.04224	3.4138	.49220	.47322	.85912	304.10
Stddev	.00027	.00015	.0132	.00077	.00186	.00114	1.09
%RSD	.48124	.35283	.38507	.15548	.39271	.13237	.35958

#1	.05720	.04223	3.4013	.49136	.47112	.85785	303.69
#2	.05692	.04239	3.4275	.49285	.47390	.86004	303.27
#3	.05665	.04210	3.4127	.49239	.47465	.85946	305.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.070	103.06	1.0149	-.06986	2.3690	.66194	2.5894
Stddev	.080	1.30	.0018	.00024	.0208	.00100	.0124
%RSD	.44391	1.2599	.17343	.34900	.87677	.15093	.48034

#1	18.049	101.79	1.0129	-.06971	2.3495	.66299	2.6031
#2	18.002	103.01	1.0155	-.06973	2.3667	.66183	2.5863
#3	18.158	104.38	1.0163	-.07014	2.3908	.66101	2.5788

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	87.953	.00781	.10254	4.3885	1.5199	.03916	F 14.517
Stddev	.620	.00036	.00683	.0101	.0286	.00047	.036
%RSD	.70439	4.5872	6.6655	.23075	1.8814	1.1924	.24545

#1	87.540	.00762	.10286	4.3938	1.5475	.03949	14.537
#2	87.654	.00759	.10921	4.3768	1.5217	.03936	14.537
#3	88.665	.00822	.09555	4.3948	1.4904	.03863	14.476

Sample Name: K2993-01 Acquired: 5/23/2019 22:46:47 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-1_2.0-2.5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.31250	F 15.62	-.28747	<.00000	F<.00000
Stddev	.00163	.05	.00116	.13364	1.1894
%RSD	.52001	.3093	.40320	.57385	.34996

#1	.31429	15.67	-.28718	-23.403	-338.74
#2	.31113	15.62	-.28649	-23.142	-339.71
#3	.31208	15.58	-.28875	-23.321	-341.11

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6123.6	80190.	7846.2	42.011	2970.7
Stddev	9.3	192.	83.7	1.030	10.0
%RSD	.15229	.23994	1.0670	2.4517	.33589

#1	6131.9	80329.	7766.2	43.184	2959.7
#2	6125.6	80271.	7839.1	41.253	2973.0
#3	6113.5	79970.	7933.2	41.597	2979.3

Sample Name: K2993-02 Acquired: 5/23/2019 22:51:19 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-2_1.5-2.0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01886	-.08708	.32954	-.04039	.01203	337.67	2.2972
Stddev	.00084	.00079	.00127	.00159	.00048	2.27	.0201
%RSD	4.4478	.90959	.38628	3.9462	4.0055	.67168	.87587

#1	-.01938	-.08692	.33013	-.03875	.01196	335.36	2.2761
#2	-.01789	-.08638	.32807	-.04194	.01158	337.76	2.2993
#3	-.01931	-.08794	.33040	-.04046	.01254	339.89	2.3162

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05879	.03740	7.4632	.55699	.47877	.98128	306.85
Stddev	.00044	.00044	.0165	.00044	.00143	.00030	.99
%RSD	.75465	1.1840	.22064	.07864	.29802	.03062	.32134

#1	.05842	.03790	7.4754	.55649	.47814	.98110	306.59
#2	.05928	.03706	7.4445	.55720	.47777	.98113	307.94
#3	.05867	.03725	7.4697	.55729	.48040	.98163	306.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.821	103.16	.87403	-.06989	3.3950	.69692	2.3733
Stddev	.085	.48	.00149	.00075	.0189	.00185	.0084
%RSD	.50716	.46043	.17006	1.0720	.55664	.26512	.35463

#1	16.770	102.67	.87242	-.06939	3.3831	.69786	2.3795
#2	16.773	103.21	.87430	-.06952	3.3851	.69479	2.3637
#3	16.919	103.61	.87536	-.07075	3.4168	.69811	2.3766

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	96.548	.00914	.11696	3.9541	1.4563	.04130	F 14.685
Stddev	.488	.00006	.00256	.0036	.0243	.00127	.028
%RSD	.50542	.69667	2.1851	.09177	1.6680	3.0800	.18783

#1	95.998	.00911	.11458	3.9583	1.4635	.04203	14.712
#2	96.720	.00921	.11966	3.9516	1.4761	.04204	14.686
#3	96.927	.00909	.11662	3.9523	1.4292	.03983	14.656

Sample Name: K2993-02 Acquired: 5/23/2019 22:51:19 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-2_1.5-2.0 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30067	F 14.32	-.27487	<.00000	F<.00000
Stddev	.00058	.06	.00125	.43824	2.6032
%RSD	.19256	.3939	.45549	2.0195	.85099
#1	.30101	14.26	-.27461	-21.207	-308.13
#2	.30000	14.37	-.27623	-22.042	-303.04
#3	.30101	14.35	-.27376	-21.853	-306.55
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5911.8	76922.	7532.5	41.127	2970.2
Stddev	5.8	120.	59.5	.910	8.5
%RSD	.09842	.15574	.78977	2.2135	.28513
#1	5917.5	77021.	7481.1	41.105	2971.9
#2	5911.9	76789.	7518.7	40.227	2977.7
#3	5905.9	76955.	7597.7	42.047	2961.0

Sample Name: K2993-03 Acquired: 5/23/2019 22:55:52 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-3_1.5-2.0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05525	-.02885	.24918	-.02779	.01403	311.66	1.0179
Stddev	.00333	.00261	.00085	.00189	.00137	.25	.0034
%RSD	6.0219	9.0580	.34135	6.8140	9.7734	.07918	.33646

#1	.05495	-.02596	.24840	-.02928	.01245	311.65	1.0183
#2	.05208	-.03105	.25008	-.02566	.01495	311.92	1.0212
#3	.05872	-.02954	.24905	-.02843	.01468	311.43	1.0143

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03600	.01276	12.674	.45303	.27846	.82447	341.25
Stddev	.00035	.00011	.113	.00039	.00018	.00178	1.30
%RSD	.97967	.86753	.89168	.08658	.06315	.21635	.38143

#1	.03566	.01272	12.546	.45339	.27836	.82244	342.73
#2	.03598	.01268	12.759	.45261	.27867	.82519	340.71
#3	.03636	.01289	12.717	.45308	.27836	.82578	340.30

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6115	48.441	.35229	-.06228	1.7397	.76318	.90994
Stddev	.0313	.513	.00027	.00075	.0032	.00073	.00039
%RSD	.55767	1.0594	.07805	1.1977	.18146	.09502	.04310

#1	5.6216	47.969	.35255	-.06180	1.7361	.76260	.90984
#2	5.6365	48.987	.35200	-.06314	1.7409	.76399	.91037
#3	5.5764	48.366	.35233	-.06190	1.7420	.76294	.90961

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.300	.00491	.19134	2.0879	2.6449	.02808	7.6328
Stddev	.078	.00031	.01212	.0063	.0321	.00146	.0417
%RSD	.24003	6.3818	6.3326	.30163	1.2123	5.2007	.54620

#1	32.378	.00508	.20075	2.0912	2.6719	.02719	7.5848
#2	32.299	.00455	.17767	2.0918	2.6534	.02977	7.6593
#3	32.223	.00511	.19560	2.0806	2.6095	.02730	7.6543

Sample Name: K2993-03 Acquired: 5/23/2019 22:55:52 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-3_1.5-2.0 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18348	8.344	-.25546	<.00000	F<.00000
Stddev	.00187	.006	.00184	.39982	3.3708
%RSD	1.0186	.0703	.72116	3.3908	1.6613

#1	.18231	8.337	-.25758	-11.874	-203.97
#2	.18249	8.347	-.25458	-11.357	-205.60
#3	.18564	8.347	-.25423	-12.143	-199.12

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4742.3	61236.	5876.4	41.701	3187.2
Stddev	8.8	129.	11.5	1.434	1.5
%RSD	.18451	.21089	.19491	3.4375	.04749

#1	4749.2	61110.	5886.8	43.071	3186.0
#2	4745.2	61232.	5878.1	40.211	3188.9
#3	4732.5	61368.	5864.1	41.821	3186.7

Sample Name: K2993-04 Acquired: 5/23/2019 23:00:27 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-4_1.5-2.0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00314	-.07785	.31652	-.03430	.01274	277.72	.75192
Stddev	.00187	.00400	.00314	.00100	.00074	2.66	.00936
%RSD	59.325	5.1379	.99322	2.9187	5.8390	.95785	1.2450

#1	-.00360	-.08246	.31641	-.03315	.01354	275.06	.74345
#2	-.00474	-.07529	.31344	-.03494	.01207	277.73	.75034
#3	-.00109	-.07580	.31972	-.03483	.01260	280.38	.76197

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03480	.03316	3.4122	.41186	.99709	1.2339	303.68
Stddev	.00012	.00024	.0235	.00073	.00416	.0022	.27
%RSD	.33524	.73300	.68797	.17636	.41764	.18218	.08950

#1	.03487	.03295	3.4294	.41104	1.0016	1.2338	303.41
#2	.03487	.03310	3.4219	.41207	.99618	1.2317	303.67
#3	.03467	.03343	3.3855	.41245	.99346	1.2362	303.96

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.641	85.202	.29989	-.06693	.97758	.67586	1.3857
Stddev	.065	1.101	.00030	.00036	.01468	.00166	.0059
%RSD	.51528	1.2916	.09986	.54022	1.5017	.24580	.42577

#1	12.567	84.126	.30011	-.06670	.96485	.67423	1.3920
#2	12.690	85.155	.30002	-.06675	.97427	.67755	1.3848
#3	12.665	86.325	.29955	-.06735	.99364	.67582	1.3803

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	101.88	.01229	.13178	4.7788	1.6745	.03221	F 12.862
Stddev	.74	.00019	.00531	.0177	.0310	.00152	.061
%RSD	.72862	1.5159	4.0327	.36954	1.8496	4.7291	.47616

#1	101.16	.01207	.13137	4.7834	1.7007	.03347	12.911
#2	101.83	.01238	.13729	4.7593	1.6825	.03052	12.882
#3	102.64	.01241	.12669	4.7937	1.6403	.03265	12.794

Sample Name: K2993-04 Acquired: 5/23/2019 23:00:27 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-4_1.5-2.0 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13168	F 10.34	-.30544	<.00000	F<.00000
Stddev	.00144	.03	.00014	.27480	2.5736
%RSD	1.0956	.2471	.04714	1.3254	.89616

#1	.13244	10.32	-.30530	-20.598	-289.35
#2	.13258	10.34	-.30544	-20.552	-287.86
#3	.13002	10.37	-.30558	-21.050	-284.34

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5853.1	76476.	7410.6	41.252	2997.4
Stddev	4.4	148.	111.2	.890	14.6
%RSD	.07578	.19342	1.5001	2.1578	.48796

#1	5849.7	76606.	7306.9	40.562	2981.6
#2	5858.1	76508.	7396.8	40.938	3000.2
#3	5851.4	76315.	7528.0	42.257	3010.4

Sample Name: K2993-05 Acquired: 5/23/2019 23:05:01 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-5_1.5-2.0 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00620	-.15405	.30885	-.06400	.01765	527.26	1.4585
Stddev	.00383	.00490	.00264	.00430	.00229	2.81	.0099
%RSD	61.783	3.1827	.85387	6.7224	12.957	.53302	.67934

#1	-.00349	-.14843	.31186	-.06045	.01984	524.12	1.4472
#2	-.00453	-.15743	.30775	-.06278	.01784	528.13	1.4630
#3	-.01058	-.15630	.30694	-.06879	.01528	529.53	1.4654

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03868	.03003	9.2725	.57420	.39564	.86376	378.06
Stddev	.00020	.00029	.0901	.00139	.00064	.00210	.37
%RSD	.52804	.96225	.97138	.24274	.16276	.24307	.09766

#1	.03849	.03036	9.2445	.57451	.39493	.86162	378.12
#2	.03866	.02993	9.1998	.57267	.39579	.86386	377.67
#3	.03889	.02981	9.3733	.57541	.39619	.86581	378.40

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4338	125.93	.59863	-.09454	4.3252	.84211	1.7600
Stddev	.0139	.51	.00137	.00027	.0255	.00127	.0031
%RSD	.40511	.40246	.22923	.29051	.59045	.15115	.17387

#1	3.4432	125.48	.59817	-.09427	4.2957	.84107	1.7587
#2	3.4178	125.82	.60017	-.09455	4.3395	.84173	1.7578
#3	3.4404	126.48	.59754	-.09481	4.3404	.84353	1.7635

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	136.27	-.00728	.15240	1.0168	1.9211	.05266	F 26.314
Stddev	.51	.00076	.00877	.0033	.0226	.00090	.233
%RSD	.37493	10.422	5.7525	.32377	1.1779	1.7044	.88538

#1	135.68	-.00802	.15155	1.0191	1.9319	.05293	26.263
#2	136.54	-.00650	.14409	1.0184	1.8951	.05339	26.111
#3	136.59	-.00733	.16156	1.0130	1.9364	.05166	26.568

Sample Name: K2993-05 Acquired: 5/23/2019 23:05:01 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-5_1.5-2.0 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22306	7.031	-.29850	<.00000	F<.00000
Stddev	.00177	.012	.00034	.10561	4.0448
%RSD	.79378	.1662	.11486	.74660	1.3271

#1	.22369	7.031	-.29889	-14.195	-303.40
#2	.22107	7.019	-.29824	-14.024	-309.35
#3	.22444	7.042	-.29837	-14.217	-301.62

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4793.2	61679.	6191.5	40.637	2891.3
Stddev	5.4	90.	55.7	1.394	2.5
%RSD	.11276	.14543	.90009	3.4297	.08482

#1	4787.4	61591.	6150.9	41.913	2890.4
#2	4794.1	61676.	6255.1	39.150	2894.0
#3	4798.1	61771.	6168.6	40.848	2889.4

Sample Name: CCV11 Acquired: 5/23/2019 23:09:34 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8655	5.0054	4.7228	5.0541	4.8262	9.5191	9.6842	.24182
Stddev	.0159	.0024	.0066	.0104	.0168	.0572	.0353	.00066
%RSD	.32585	.04897	.14055	.20568	.34802	.60088	.36471	.27167
#1	4.8777	5.0026	4.7249	5.0661	4.8455	9.4778	9.6646	.24220
#2	4.8712	5.0064	4.7281	5.0478	4.8181	9.5844	9.6631	.24220
#3	4.8476	5.0072	4.7153	5.0485	4.8149	9.4951	9.7250	.24106
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4328	25.647	1.0138	2.3960	1.1884	5.0787	2.4732	23.175
Stddev	.0043	.119	.0013	.0036	.0042	.0099	.0061	.176
%RSD	.17659	.46419	.12978	.14861	.35202	.19441	.24697	.75906
#1	2.4345	25.528	1.0153	2.3982	1.1932	5.0828	2.4758	23.144
#2	2.4359	25.649	1.0129	2.3980	1.1867	5.0859	2.4776	23.365
#3	2.4279	25.766	1.0132	2.3919	1.1854	5.0674	2.4662	23.017
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5071	1.2590	24.872	2.6090	2.3501	24.537	4.8857	4.9639
Stddev	.0069	.0012	.061	.0060	.0043	.058	.0168	.0157
%RSD	.27533	.09569	.24624	.23092	.18252	.23692	.34283	.31709
#1	2.5061	1.2576	24.843	2.6136	2.3548	24.537	4.9046	4.9619
#2	2.5144	1.2599	24.942	2.6113	2.3491	24.595	4.8795	4.9805
#3	2.5007	1.2594	24.831	2.6022	2.3464	24.479	4.8729	4.9492
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9475	5.1774	4.8988	4.9783	5.0913	5.091	5.0776	F 4.4694
Stddev	.0033	.0466	.0089	.0334	.0303	.007	.0398	.3259
%RSD	.06619	.90071	.18114	.67062	.59498	.1452	.78369	7.2915
#1	4.9451	5.1534	4.8886	4.9500	5.0638	5.096	5.0427	4.6160
#2	4.9512	5.1477	4.9047	4.9696	5.0863	5.083	5.0691	4.6962
#3	4.9461	5.2312	4.9031	5.0151	5.1238	5.094	5.1209	4.0959

Sample Name: CCV11 Acquired: 5/23/2019 23:09:34 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.1972
Stddev	1.5130
%RSD	68.857

#1	3.7211
#2	2.1753
#3	.69538

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3537.2	45909.	4137.6	41.537	3499.8
Stddev	15.0	24.	30.8	1.529	8.8
%RSD	.42461	.05148	.74440	3.6805	.25115

#1	3520.9	45913.	4153.7	43.012	3492.4
#2	3540.2	45883.	4157.0	39.960	3497.6
#3	3550.5	45930.	4102.1	41.639	3509.5

Sample Name: CCB11 Acquired: 5/23/2019 23:13:39 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8240 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00237	.00218	-.00122	.00083	-.00109	.00060	.00087
Stddev	.00154	.00129	.00029	.00122	.00040	.00637	.00030
%RSD	65.220	59.210	24.011	147.40	36.699	1058.8	34.883

#1	.00066	.00083	-.00097	.00221	-.00063	-.00621	.00052
#2	.00278	.00231	-.00154	-.00008	-.00137	.00161	.00109
#3	.00367	.00339	-.00115	.00035	-.00126	.00641	.00100

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00015	.00033	.00024	.00003	-.00081	.00466
Stddev	.00005	.00003	.00435	.00021	.00007	.00024	.00054
%RSD	505.11	18.695	1324.0	89.248	236.93	29.864	11.521

#1	.00002	.00019	.00239	.00031	-.00004	-.00082	.00528
#2	.00006	.00014	.00326	.00041	.00010	-.00057	.00440
#3	-.00005	.00013	-.00467	-.00000	.00002	-.00105	.00431

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.01862	.00003	.00027	-.00244	.00026	-.00007
Stddev	.00002	.03201	.00028	.00010	.00763	.00028	.00024
%RSD	20.631	171.91	907.83	37.012	312.44	108.64	364.09

#1	.00010	-.02898	.00032	.00033	-.01045	.00030	.00020
#2	.00009	.01729	.00001	.00032	.00473	-.00004	-.00013
#3	.00007	-.04417	-.00023	.00015	-.00160	.00052	-.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19215	.00075	.00563	F -.01107	.00157	-.00149	.00305
Stddev	.06278	.00006	.02609	.00189	.00392	.00087	.00010
%RSD	32.670	8.5437	463.39	17.119	249.30	58.495	3.2818

#1	.12070	.00073	-.02449	-.01288	.00564	-.00159	.00317
#2	.23846	.00082	.02011	-.01122	.00125	-.00230	.00302
#3	.21729	.00070	.02127	-.00910	-.00217	-.00057	.00297

Sample Name: CCB11 Acquired: 5/23/2019 23:13:39 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8240 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.0047	.00022	F 2.2966	F<.00000
Stddev	.00194	.0007	.00009	.2667	.25375
%RSD	16929.	14.39	38.738	11.611	103.27

#1	-.00191	.0055	.00030	2.2805	-.03021
#2	-.00003	.0041	.00025	2.0384	-.52539
#3	.00197	.0046	.00013	2.5710	-.18155

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3717.5	48514.	4224.8	43.914	3954.1
Stddev	7.5	136.	10.5	.904	6.0
%RSD	.20268	.27982	.24782	2.0591	.15052

#1	3713.3	48361.	4218.6	43.636	3955.2
#2	3713.0	48620.	4236.9	44.925	3947.7
#3	3726.2	48560.	4218.9	43.182	3959.5

Sample Name: K2993-06 Acquired: 5/23/2019 23:18:09 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-6_1.5-2.0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00591	-.09075	.38848	-.05858	.01781	480.80	1.4534
Stddev	.00132	.00208	.00160	.00555	.00204	3.18	.0113
%RSD	22.420	2.2869	.41192	9.4800	11.472	.66043	.77870

#1	-.00537	-.08932	.38791	-.06376	.01566	477.13	1.4403
#2	-.00493	-.08980	.39028	-.05272	.01973	482.75	1.4604
#3	-.00741	-.09313	.38724	-.05927	.01804	482.51	1.4594

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04428	.02081	6.1147	.72819	.35008	1.0283	400.79
Stddev	.00023	.00024	.0285	.00130	.00032	.0015	1.20
%RSD	.51485	1.1377	.46574	.17817	.09133	.14495	.29837

#1	.04431	.02068	6.1325	.72799	.35010	1.0280	402.08
#2	.04450	.02067	6.1297	.72957	.34976	1.0270	400.55
#3	.04404	.02108	6.0819	.72700	.35039	1.0299	399.72

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9550	111.24	.55629	-.09040	2.8227	.96190	1.3386
Stddev	.0012	.77	.00112	.00112	.0125	.00373	.0074
%RSD	.04057	.68773	.20182	1.2366	.44319	.38738	.55277

#1	2.9553	110.42	.55696	-.08923	2.8094	.96228	1.3471
#2	2.9560	111.93	.55500	-.09146	2.8343	.95800	1.3335
#3	2.9536	111.37	.55693	-.09051	2.8243	.96542	1.3352

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	137.51	-.00362	.17160	4.9020	2.5676	.04775	F 20.102
Stddev	.60	.00024	.01028	.0234	.0469	.00079	.068
%RSD	.43659	6.6115	5.9927	.47675	1.8269	1.6583	.33578

#1	136.84	-.00336	.17781	4.9290	2.6093	.04689	20.146
#2	138.01	-.00368	.17726	4.8889	2.5768	.04794	20.135
#3	137.67	-.00383	.15973	4.8881	2.5168	.04844	20.024

Sample Name: K2993-06 Acquired: 5/23/2019 23:18:09 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-6_1.5-2.0 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20817	9.045	-.38806	<.00000	F<.00000
Stddev	.00068	.007	.00150	.14869	1.1105
%RSD	.32788	.0728	.38767	1.4670	.40733
#1	.20895	9.050	-.38966	-10.052	-271.78
#2	.20770	9.037	-.38782	-10.308	-272.23
#3	.20785	9.048	-.38668	-10.048	-273.89
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4396.1	56745.	5597.2	41.831	2991.6
Stddev	2.2	112.	57.1	.178	8.9
%RSD	.04940	.19787	1.0197	.42490	.29790
#1	4397.3	56707.	5536.8	41.698	2981.4
#2	4393.6	56656.	5604.4	41.761	2995.2
#3	4397.3	56871.	5650.2	42.033	2998.1

Sample Name: K2993-07 Acquired: 5/23/2019 23:22:33 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-7_1.0-1.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01777	-.03277	.32917	-.04118	.01498	329.60	1.1136
Stddev	.00050	.00250	.00217	.00282	.00077	1.38	.0051
%RSD	2.8267	7.6187	.65965	6.8383	5.1564	.41844	.46036

#1	.01798	-.02989	.33111	-.04375	.01426	328.03	1.1077
#2	.01720	-.03416	.32957	-.03817	.01489	330.17	1.1172
#3	.01814	-.03426	.32682	-.04161	.01580	330.61	1.1158

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03993	.01473	37.283	.45847	.23926	1.1227	373.40
Stddev	.00061	.00034	.024	.00099	.00056	.0006	.83
%RSD	1.5244	2.3042	.06388	.21666	.23584	.05321	.22181

#1	.03929	.01502	37.255	.45878	.23990	1.1222	372.45
#2	.04050	.01481	37.299	.45928	.23885	1.1225	373.79
#3	.04001	.01435	37.293	.45736	.23903	1.1234	373.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9242	82.608	.33916	-.07389	1.4914	.82504	1.0826
Stddev	.0141	.613	.00013	.00055	.0065	.00035	.0039
%RSD	.23754	.74211	.03807	.74658	.43397	.04283	.36130

#1	5.9280	82.272	.33907	-.07413	1.4845	.82545	1.0843
#2	5.9085	83.316	.33931	-.07429	1.4924	.82479	1.0853
#3	5.9359	82.237	.33910	-.07326	1.4974	.82489	1.0781

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	68.697	.01277	.19620	1.0443	2.5192	.03316	9.7085
Stddev	.040	.00041	.01365	.0073	.0306	.00088	.0239
%RSD	.05808	3.1963	6.9565	.69577	1.2136	2.6570	.24612

#1	68.660	.01275	.21047	1.0392	2.5487	.03412	9.6876
#2	68.691	.01319	.18326	1.0526	2.5214	.03239	9.7346
#3	68.740	.01237	.19488	1.0411	2.4876	.03298	9.7034

Sample Name: K2993-07 Acquired: 5/23/2019 23:22:33 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-7_1.0-1.5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15620	8.154	-.19395	<.00000	F<.00000
Stddev	.00051	.008	.00149	.26934	1.4925
%RSD	.32598	.0970	.76965	2.5935	.64518

#1	.15674	8.153	-.19238	-10.292	-232.62
#2	.15615	8.162	-.19413	-10.688	-231.68
#3	.15573	8.146	-.19535	-10.174	-229.69

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4403.0	57379.	5560.2	42.060	3109.4
Stddev	7.6	78.	36.3	.618	6.3
%RSD	.17296	.13664	.65264	1.4698	.20187

#1	4394.9	57303.	5519.4	41.793	3104.2
#2	4410.1	57376.	5572.4	41.621	3107.7
#3	4403.9	57459.	5588.9	42.767	3116.4

Sample Name: K2993-08 Acquired: 5/23/2019 23:27:09 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-8_2.0-2.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02863	-.01969	1.1853	-.00369	.00721	567.41	1.3786
Stddev	.00468	.00068	.0021	.00298	.00085	5.21	.0133
%RSD	16.333	3.4346	.17519	80.686	11.802	.91851	.96205

#1	.02586	-.01898	1.1876	-.00166	.00651	561.84	1.3633
#2	.02600	-.02033	1.1847	-.00711	.00816	568.20	1.3850
#3	.03402	-.01975	1.1836	-.00230	.00697	572.17	1.3873

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03149	-.00550	9.7156	.14440	1.7329	.72348	307.01
Stddev	.00040	.00003	.0671	.00121	.0019	.00406	.25
%RSD	1.2765	.50096	.69066	.84093	.10756	.56121	.07987

#1	.03192	-.00549	9.7045	.14578	1.7345	.72373	307.29
#2	.03112	-.00553	9.7875	.14392	1.7335	.72742	306.83
#3	.03144	-.00548	9.6547	.14349	1.7309	.71931	306.91

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.949	33.577	.39803	-.04440	1.5159	.34108	.43088
Stddev	.096	.288	.00067	.00013	.0124	.00263	.00100
%RSD	.45718	.85802	.16787	.30095	.81789	.77036	.23112

#1	20.941	33.329	.39880	-.04427	1.5017	.34329	.43185
#2	20.857	33.510	.39770	-.04454	1.5246	.34178	.43094
#3	21.049	33.893	.39759	-.04438	1.5214	.33818	.42986

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.420	.01878	.21390	1.0185	2.3837	.02485	6.9081
Stddev	.271	.00010	.01905	.0042	.0525	.00258	.0722
%RSD	.58397	.50733	8.9077	.41468	2.2024	10.398	1.0446

#1	46.122	.01874	.23539	1.0207	2.4220	.02348	6.9604
#2	46.486	.01870	.19906	1.0210	2.4051	.02783	6.9380
#3	46.652	.01889	.20726	1.0136	2.3238	.02324	6.8257

Sample Name: K2993-08 Acquired: 5/23/2019 23:27:09 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-8_2.0-2.5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21530	3.874	-.15163	<.00000	F<.00000
Stddev	.00130	.006	.00231	.35007	1.6792
%RSD	.60148	.1583	1.5208	41.532	1.5834
#1	.21461	3.881	-.15108	-.50859	-104.11
#2	.21680	3.869	-.14965	-1.2068	-106.99
#3	.21451	3.873	-.15416	-.81325	-107.05
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3796.4	47540.	4614.6	42.622	3321.5
Stddev	15.2	75.	55.3	1.047	10.9
%RSD	.39950	.15735	1.1977	2.4557	.32845
#1	3787.9	47454.	4570.3	43.493	3314.9
#2	3787.4	47586.	4596.9	41.461	3315.5
#3	3813.9	47580.	4676.5	42.911	3334.1

Sample Name: K2993-09 Acquired: 5/23/2019 23:31:45 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-9_1.0-1.5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05893	-.02991	.31462	-.05054	.01443	366.97	1.0939
Stddev	.00420	.00329	.00118	.00261	.00198	.44	.0014
%RSD	7.1308	10.999	.37521	5.1737	13.730	.12011	.12841

#1	.06069	-.02641	.31543	-.05294	.01496	366.85	1.0936
#2	.06197	-.03295	.31515	-.04775	.01610	367.45	1.0955
#3	.05413	-.03036	.31326	-.05092	.01224	366.59	1.0927

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03904	.01595	13.897	.53040	.23429	.98436	383.18
Stddev	.00037	.00020	.029	.00091	.00057	.00381	.54
%RSD	.94935	1.2239	.20832	.17177	.24421	.38720	.14082

#1	.03907	.01580	13.917	.52936	.23390	.98600	383.21
#2	.03865	.01587	13.863	.53085	.23401	.98708	383.70
#3	.03939	.01617	13.909	.53100	.23495	.98000	382.62

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3985	51.630	.35982	-.07710	1.2178	.85030	.86787
Stddev	.0026	.102	.00117	.00064	.0055	.00275	.00074
%RSD	.07671	.19724	.32396	.83050	.44870	.32351	.08564

#1	3.3966	51.546	.35848	-.07764	1.2171	.84797	.86861
#2	3.3974	51.743	.36057	-.07639	1.2236	.84959	.86712
#3	3.4014	51.602	.36042	-.07725	1.2127	.85334	.86787

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.408	.00433	.19404	3.9943	2.2767	.03187	8.7405
Stddev	.186	.00032	.00953	.0089	.0046	.00198	.0191
%RSD	.39204	7.4514	4.9130	.22213	.20289	6.1971	.21867

#1	47.510	.00450	.20432	3.9943	2.2781	.02960	8.7280
#2	47.522	.00452	.19231	4.0032	2.2805	.03320	8.7625
#3	47.194	.00395	.18550	3.9855	2.2716	.03282	8.7309

Sample Name: K2993-09 Acquired: 5/23/2019 23:31:45 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-9_1.0-1.5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16038	8.924	-.31723	<.00000	F<.00000
Stddev	.00075	.005	.00076	.19917	5.9288
%RSD	.46927	.0564	.24079	1.8917	2.2530

#1	.16116	8.925	-.31752	-10.321	-262.87
#2	.16034	8.918	-.31781	-10.718	-257.36
#3	.15965	8.928	-.31637	-10.546	-269.21

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4502.3	58462.	5665.8	42.162	3168.7
Stddev	8.7	286.	30.3	1.194	5.0
%RSD	.19342	.48901	.53438	2.8307	.15807

#1	4504.0	58220.	5640.6	41.247	3166.9
#2	4492.8	58388.	5657.4	43.512	3164.9
#3	4510.0	58778.	5699.4	41.726	3174.4

Sample Name: K2993-10 Acquired: 5/23/2019 23:36:19 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-10_1.5-2. Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01093	-.12130	.33360	-.03088	.01490	372.14	2.2079
Stddev	.00097	.00373	.00213	.00141	.00246	1.51	.0106
%RSD	8.8505	3.0761	.63709	4.5572	16.482	.40599	.47885

#1	.01097	-.12236	.33153	-.03021	.01413	370.44	2.1958
#2	.00994	-.12439	.33578	-.03250	.01293	372.68	2.2133
#3	.01187	-.11716	.33349	-.02993	.01765	373.31	2.2148

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03991	.02558	6.0805	.45783	.53860	.90550	319.91
Stddev	.00015	.00047	.0629	.00228	.00080	.00071	.59
%RSD	.36444	1.8437	1.0344	.49746	.14932	.07856	.18583

#1	.03975	.02605	6.1454	.45520	.53953	.90469	319.49
#2	.03993	.02559	6.0763	.45913	.53810	.90603	319.65
#3	.04004	.02511	6.0199	.45917	.53818	.90578	320.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.074	103.93	.69655	-.07155	2.4073	.57976	1.8280
Stddev	.093	.57	.00041	.00030	.0124	.00218	.0099
%RSD	.71327	.54409	.05858	.41356	.51449	.37552	.54155

#1	12.999	103.29	.69624	-.07161	2.3939	.57725	1.8359
#2	13.043	104.10	.69640	-.07123	2.4099	.58107	1.8169
#3	13.178	104.38	.69701	-.07181	2.4182	.58097	1.8313

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	125.78	.00351	.16017	1.0649	1.8608	.03935	F 20.763
Stddev	.26	.00019	.00517	.0036	.0288	.00125	.176
%RSD	.20518	5.5311	3.2306	.33612	1.5489	3.1792	.84867

#1	125.49	.00365	.15986	1.0630	1.8940	.03790	20.919
#2	125.87	.00328	.15516	1.0690	1.8467	.04012	20.799
#3	125.99	.00358	.16550	1.0626	1.8418	.04001	20.572

Sample Name: K2993-10 Acquired: 5/23/2019 23:36:19 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-10_1.5-2. Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.29695	8.208	-.25249	<.00000	F<.00000
Stddev	.00108	.003	.00058	.47895	3.1757
%RSD	.36472	.0419	.22898	3.0915	1.3020
#1	.29816	8.212	-.25210	-15.024	-247.57
#2	.29606	8.207	-.25221	-15.981	-241.87
#3	.29664	8.206	-.25316	-15.472	-242.30
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5233.2	67632.	6719.5	39.760	2987.0
Stddev	9.2	85.	83.3	.578	15.8
%RSD	.17621	.12506	1.2390	1.4536	.52802
#1	5236.6	67723.	6634.3	39.140	2977.1
#2	5222.8	67616.	6723.5	40.283	3005.2
#3	5240.2	67556.	6800.6	39.857	2978.8

Sample Name: K2993-11 Acquired: 5/23/2019 23:40:54 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-11_2.0-2. Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00796	-.06014	.37272	-.02460	.01170	304.25	1.7495
Stddev	.00282	.00167	.00162	.00349	.00054	1.72	.0103
%RSD	35.481	2.7759	.43477	14.181	4.5801	.56683	.58811

#1	.00878	-.06167	.37139	-.02059	.01229	302.31	1.7380
#2	.00481	-.05836	.37225	-.02689	.01125	304.82	1.7528
#3	.01028	-.06038	.37453	-.02633	.01156	305.62	1.7578

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04496	.02025	10.806	.42075	.37200	.87401	295.47
Stddev	.00028	.00052	.008	.00081	.00012	.00140	1.87
%RSD	.61760	2.5769	.07316	.19303	.03128	.16029	.63151

#1	.04464	.02047	10.815	.42018	.37210	.87248	295.79
#2	.04517	.02062	10.805	.42039	.37187	.87523	293.47
#3	.04507	.01965	10.799	.42168	.37204	.87431	297.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.169	78.361	.57427	-.05780	2.2129	.62161	1.6287
Stddev	.019	.525	.00082	.00089	.0100	.00173	.0146
%RSD	.18658	.67007	.14274	1.5363	.45254	.27879	.89644

#1	10.175	77.852	.57494	-.05713	2.2032	.62038	1.6442
#2	10.148	78.329	.57452	-.05747	2.2124	.62086	1.6152
#3	10.185	78.901	.57336	-.05881	2.2232	.62359	1.6269

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	69.835	.00647	.15767	1.4022	1.8408	.03539	F 11.496
Stddev	.217	.00046	.00752	.0034	.0134	.00136	.005
%RSD	.31142	7.0518	4.7718	.24524	.72598	3.8293	.03961

#1	69.585	.00661	.16437	1.4029	1.8510	.03383	11.496
#2	69.938	.00685	.14953	1.4052	1.8257	.03603	11.491
#3	69.982	.00596	.15913	1.3984	1.8459	.03630	11.500

Sample Name: K2993-11 Acquired: 5/23/2019 23:40:54 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-11_2.0-2. Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23799	F 10.66	-.25039	<.00000	F<.00000
Stddev	.00139	.04	.00208	.29673	.70498
%RSD	.58555	.3439	.83011	1.7737	.34541

#1	.23647	10.69	-.25092	-16.388	-203.37
#2	.23827	10.67	-.24810	-16.924	-204.78
#3	.23921	10.62	-.25216	-16.876	-204.14

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5394.0	70028.	6791.4	41.382	3105.4
Stddev	12.2	74.	30.5	.397	25.2
%RSD	.22526	.10637	.44936	.95941	.80990

#1	5401.9	70087.	6757.6	41.835	3083.3
#2	5400.0	70052.	6799.7	41.219	3132.8
#3	5380.0	69944.	6816.9	41.093	3100.1

Sample Name: K2993-12 Acquired: 5/23/2019 23:45:30 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-12_1.0-1. Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07831	-.00739	.19884	-.01549	.01047	254.80	.86035
Stddev	.00361	.00223	.00157	.00142	.00202	1.74	.00628
%RSD	4.6063	30.193	.79016	9.1904	19.303	.68143	.73041

#1	.07515	-.00942	.20019	-.01437	.01220	252.87	.85395
#2	.08224	-.00500	.19922	-.01709	.00825	255.29	.86059
#3	.07755	-.00775	.19712	-.01500	.01096	256.24	.86651

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02937	.00292	14.642	.37905	.15262	.67655	316.32
Stddev	.00024	.00019	.113	.00060	.00020	.00190	2.41
%RSD	.80897	6.4718	.77401	.15813	.13176	.28109	.76149

#1	.02914	.00306	14.749	.37898	.15263	.67666	313.91
#2	.02961	.00299	14.523	.37850	.15241	.67840	316.33
#3	.02936	.00270	14.655	.37969	.15281	.67460	318.72

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4944	36.343	.25225	-.04983	2.5355	.69929	.63570
Stddev	.0208	.287	.00057	.00059	.0092	.00159	.00384
%RSD	.59426	.79059	.22685	1.1857	.36416	.22720	.60357

#1	3.4705	36.028	.25202	-.04936	2.5249	.70107	.63915
#2	3.5084	36.590	.25183	-.04964	2.5412	.69803	.63157
#3	3.5042	36.411	.25290	-.05050	2.5406	.69876	.63639

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.691	.00381	.21426	1.7248	3.8812	.02161	4.7035
Stddev	.087	.00014	.00888	.0045	.0469	.00158	.0305
%RSD	.38506	3.6942	4.1428	.25848	1.2095	7.3135	.64859

#1	22.596	.00388	.22422	1.7299	3.9318	.02102	4.7349
#2	22.768	.00365	.21141	1.7227	3.8728	.02339	4.6739
#3	22.708	.00391	.20717	1.7218	3.8391	.02040	4.7017

Sample Name: K2993-12 Acquired: 5/23/2019 23:45:30 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-12_1.0-1. Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17127	7.266	-.20302	<.00000	F<.00000
Stddev	.00174	.027	.00388	.44977	2.3099
%RSD	1.0180	.3697	1.9110	6.0397	1.6831
#1	.17327	7.266	-.19865	-6.9376	-136.38
#2	.17050	7.240	-.20436	-7.7898	-135.48
#3	.17005	7.293	-.20605	-7.6130	-139.85
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4369.6	56654.	5376.0	41.535	3314.8
Stddev	11.7	142.	60.1	.811	10.3
%RSD	.26798	.25004	1.1174	1.9516	.30949
#1	4357.7	56818.	5306.7	41.007	3322.1
#2	4370.1	56575.	5407.0	42.468	3319.2
#3	4381.1	56570.	5414.2	41.130	3303.1

Sample Name: K2993-13 Acquired: 5/23/2019 23:50:06 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-13_2.0-2. Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00085	-.07508	.39183	-.05472	.01309	284.86	1.6294
Stddev	.00270	.00167	.00229	.00161	.00062	.68	.0078
%RSD	317.47	2.2215	.58490	2.9414	4.7681	.23960	.48113

#1	.00306	-.07322	.39367	-.05291	.01259	284.08	1.6204
#2	-.00216	-.07559	.39255	-.05526	.01289	285.16	1.6332
#3	.00165	-.07644	.38926	-.05598	.01379	285.34	1.6346

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05967	.04415	9.3311	.66297	.58599	1.0415	327.92
Stddev	.00006	.00016	.0619	.00107	.00103	.0011	.69
%RSD	.10282	.35695	.66315	.16201	.17650	.10720	.21062

#1	.05960	.04427	9.3516	.66362	.58480	1.0416	328.71
#2	.05973	.04397	9.3802	.66356	.58649	1.0425	327.55
#3	.05968	.04420	9.2616	.66173	.58668	1.0403	327.49

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.240	76.262	.76818	-.08086	1.6839	.72301	1.9454
Stddev	.095	.546	.00058	.00140	.0088	.00345	.0104
%RSD	.62531	.71611	.07564	1.7363	.52432	.47716	.53501

#1	15.162	75.632	.76834	-.07926	1.6783	.71935	1.9573
#2	15.211	76.540	.76754	-.08187	1.6941	.72620	1.9410
#3	15.346	76.612	.76867	-.08145	1.6794	.72348	1.9379

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	69.187	.01738	.11166	2.7523	1.6081	.03787	F 11.729
Stddev	.089	.00020	.00375	.0031	.0130	.00146	.081
%RSD	.12840	1.1687	3.3590	.11109	.80499	3.8512	.68863

#1	69.259	.01731	.11220	2.7556	1.6172	.03884	11.763
#2	69.214	.01761	.11511	2.7517	1.6139	.03619	11.787
#3	69.088	.01722	.10767	2.7495	1.5933	.03858	11.636

Sample Name: K2993-13 Acquired: 5/23/2019 23:50:06 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-13_2.0-2. Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24626	F 20.40	-.27513	<.00000	F<.00000
Stddev	.00105	.15	.00100	.57837	4.6771
%RSD	.42786	.7489	.36246	2.5072	1.2186
#1	.24746	20.57	-.27627	-22.945	-378.64
#2	.24581	20.33	-.27472	-22.562	-387.73
#3	.24551	20.29	-.27441	-23.699	-385.10
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5915.8	77662.	7574.0	41.827	2994.8
Stddev	5.6	192.	93.4	.291	15.2
%RSD	.09502	.24722	1.2333	.69661	.50603
#1	5919.5	77488.	7490.9	41.491	2977.3
#2	5918.4	77630.	7556.0	41.989	3003.2
#3	5909.3	77868.	7675.1	42.001	3003.8

Sample Name: K2993-14 Acquired: 5/23/2019 23:54:40 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-14_2.0-2. Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01484	-.07693	.33102	-.03922	.01420	365.52	1.9711
Stddev	.00293	.00165	.00153	.00145	.00158	2.83	.0186
%RSD	19.771	2.1411	.46192	3.7083	11.109	.77515	.94402

#1	-.01690	-.07845	.33279	-.03880	.01589	362.32	1.9500
#2	-.01148	-.07518	.33008	-.03803	.01393	367.72	1.9853
#3	-.01615	-.07715	.33020	-.04084	.01277	366.52	1.9780

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05831	.02619	9.6094	.43607	.46497	1.1212	340.41
Stddev	.00040	.00075	.0490	.00299	.00192	.0015	2.81
%RSD	.68245	2.8779	.50956	.68642	.41339	.13180	.82659

#1	.05792	.02704	9.6134	.43667	.46719	1.1227	337.44
#2	.05871	.02560	9.6563	.43871	.46380	1.1197	343.03
#3	.05828	.02592	9.5586	.43282	.46392	1.1211	340.77

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.275	99.068	.59090	-.07480	2.3309	.66465	1.8073
Stddev	.069	.883	.00288	.00093	.0189	.00337	.0103
%RSD	.45396	.89173	.48764	1.2425	.81080	.50680	.56803

#1	15.219	98.120	.59404	-.07381	2.3166	.66220	1.8184
#2	15.254	99.868	.59029	-.07565	2.3523	.66849	1.8053
#3	15.352	99.215	.58837	-.07494	2.3237	.66326	1.7982

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	88.793	.00915	.14495	1.7446	1.8476	.03722	F 15.202
Stddev	.578	.00001	.00418	.0076	.0078	.00197	.042
%RSD	.65088	.07162	2.8857	.43746	.42156	5.2886	.27604

#1	88.245	.00915	.14341	1.7470	1.8499	.03911	15.166
#2	89.397	.00916	.14969	1.7360	1.8390	.03518	15.248
#3	88.736	.00915	.14176	1.7507	1.8540	.03735	15.193

Sample Name: K2993-14 Acquired: 5/23/2019 23:54:40 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-14_2.0-2. Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30949	F 12.29	-.23402	<.00000	F<.00000
Stddev	.00225	.06	.00397	.33440	2.9300
%RSD	.72858	.4579	1.6959	2.1721	1.0834
#1	.30729	12.35	-.22956	-15.518	-271.35
#2	.31180	12.25	-.23715	-15.017	-267.16
#3	.30938	12.25	-.23535	-15.651	-272.80
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5079.5	65777.	6463.0	41.085	2998.8
Stddev	9.5	357.	40.0	.468	13.3
%RSD	.18723	.54273	.61847	1.1400	.44276
#1	5070.4	65941.	6432.8	40.571	2986.0
#2	5078.6	65368.	6447.7	41.197	2997.9
#3	5089.4	66023.	6508.3	41.487	3012.5

Sample Name: K2993-15 Acquired: 5/23/2019 23:59:14 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SB-15_1.5-2. Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01703	-.07706	.33782	-.03377	.01346	356.19	2.2766
Stddev	.00057	.00085	.00237	.00074	.00136	2.01	.0138
%RSD	3.3600	1.1021	.70029	2.1859	10.091	.56393	.60585

#1	-.01676	-.07804	.33513	-.03417	.01493	355.10	2.2688
#2	-.01768	-.07650	.33958	-.03422	.01224	354.96	2.2684
#3	-.01664	-.07665	.33875	-.03292	.01322	358.51	2.2925

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05242	.03034	12.408	.49987	.71835	1.1340	327.20
Stddev	.00026	.00030	.124	.00104	.00158	.0027	2.37
%RSD	.49947	.97275	.99956	.20825	.21933	.23328	.72374

#1	.05263	.03001	12.265	.50057	.71859	1.1335	328.87
#2	.05250	.03056	12.482	.50037	.71666	1.1369	324.49
#3	.05213	.03046	12.476	.49868	.71979	1.1317	328.25

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.822	99.306	.84940	-.07353	2.4045	.68949	2.0593
Stddev	.090	.793	.00043	.00051	.0185	.00101	.0062
%RSD	.41181	.79889	.05019	.69977	.76865	.14679	.30103

#1	21.907	98.595	.84979	-.07333	2.3881	.68980	2.0565
#2	21.728	99.162	.84946	-.07314	2.4010	.68836	2.0551
#3	21.830	100.16	.84894	-.07411	2.4245	.69032	2.0664

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	93.087	.01250	.15665	1.6699	1.4981	.04080	F 15.221
Stddev	.297	.00036	.00449	.0028	.0040	.00059	.091
%RSD	.31938	2.8479	2.8643	.16675	.26745	1.4520	.59628

#1	93.143	.01280	.16105	1.6706	1.4992	.04042	15.139
#2	92.766	.01211	.15208	1.6668	1.5014	.04148	15.207
#3	93.352	.01258	.15681	1.6722	1.4936	.04049	15.318

Sample Name: K2993-15 Acquired: 5/23/2019 23:59:14 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SB-15_1.5-2. Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.32250	F 12.58	-.23242	<.00000	F<.00000
Stddev	.00019	.02	.00233	.04388	3.9229
%RSD	.05854	.1292	1.0024	.23673	1.3786

#1	.32234	12.59	-.23430	-18.587	-281.14
#2	.32271	12.56	-.22982	-18.516	-283.70
#3	.32246	12.57	-.23315	-18.507	-288.84

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5435.5	70374.	6849.9	39.324	3002.0
Stddev	5.2	87.	10.3	.707	2.9
%RSD	.09572	.12376	.15074	1.7984	.09595

#1	5432.9	70274.	6848.5	40.089	3001.2
#2	5432.0	70428.	6840.3	38.694	3005.2
#3	5441.4	70421.	6860.8	39.188	2999.6

Sample Name: CCV12 Acquired: 5/24/2019 0:03:50 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8240 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8249	4.9508	4.6667	5.0333	4.7928	9.4623	9.5807	.23856
Stddev	.0124	.0117	.0078	.0144	.0199	.1014	.0714	.00053
%RSD	.25617	.23663	.16814	.28537	.41479	1.0716	.74558	.22276
#1	4.8390	4.9641	4.6742	5.0497	4.8131	9.3453	9.5029	.23877
#2	4.8160	4.9462	4.6586	5.0227	4.7920	9.5239	9.5958	.23896
#3	4.8197	4.9421	4.6673	5.0276	4.7734	9.5178	9.6433	.23796
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3997	25.514	1.0000	2.3669	1.1737	5.0041	2.4420	23.094
Stddev	.0069	.122	.0040	.0051	.0041	.0046	.0021	.270
%RSD	.28657	.47887	.40336	.21456	.34719	.09286	.08769	1.1689
#1	2.4076	25.388	.99604	2.3726	1.1781	5.0020	2.4421	22.836
#2	2.3965	25.520	.99997	2.3655	1.1730	5.0010	2.4440	23.071
#3	2.3951	25.633	1.0041	2.3627	1.1701	5.0095	2.4397	23.375
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4719	1.2460	24.876	2.5777	2.3275	24.418	4.8242	4.8862
Stddev	.0089	.0005	.094	.0047	.0072	.193	.0137	.0187
%RSD	.35808	.03753	.37828	.18320	.30914	.78918	.28398	.38239
#1	2.4821	1.2465	24.828	2.5831	2.3357	24.200	4.8385	4.8713
#2	2.4674	1.2460	24.816	2.5746	2.3248	24.485	4.8230	4.9071
#3	2.4662	1.2455	24.985	2.5753	2.3221	24.568	4.8112	4.8801
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9319	5.1471	4.8400	4.9186	5.0275	5.058	5.0389	F 4.1342
Stddev	.0060	.0243	.0157	.0366	.0301	.025	.0287	.1490
%RSD	.12147	.47191	.32491	.74384	.59769	.4892	.57029	3.6047
#1	4.9365	5.1478	4.8570	4.8795	4.9996	5.087	5.0182	4.2408
#2	4.9340	5.1224	4.8368	4.9241	5.0236	5.043	5.0268	4.1978
#3	4.9251	5.1710	4.8261	4.9521	5.0593	5.045	5.0717	3.9639

Sample Name: CCV12 Acquired: 5/24/2019 0:03:50 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8240 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .26349
Stddev	1.0055
%RSD	381.63

#1	-.10795
#2	-.50350
#3	1.4019

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3585.4	46664.	4232.2	42.555	3547.5
Stddev	14.8	83.	10.3	1.093	12.1
%RSD	.41231	.17701	.24325	2.5689	.34164

#1	3578.5	46707.	4232.0	42.188	3543.5
#2	3575.3	46717.	4242.6	41.693	3538.0
#3	3602.4	46569.	4222.0	43.785	3561.2

Sample Name: CCB12 Acquired: 5/24/2019 0:07:59 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15006 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00104	.00069	-.00105	.00061	-.00039	-.00219	.00124
Stddev	.00107	.00092	.00071	.00245	.00043	.00494	.00025
%RSD	102.62	133.10	67.733	397.95	109.70	225.95	20.074

#1	-.00017	.00057	-.00123	.00279	-.00007	-.00363	.00128
#2	.00183	-.00016	-.00026	.00108	-.00089	-.00625	.00147
#3	.00146	.00166	-.00165	-.00203	-.00022	.00332	.00098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00008	-.01793	.00030	.00003	-.00114	.00434
Stddev	.00001	.00004	.00342	.00051	.00013	.00015	.00053
%RSD	35.589	58.599	19.048	169.48	389.02	13.081	12.118

#1	.00004	.00013	-.02078	.00020	.00005	-.00106	.00401
#2	.00002	.00006	-.01887	-.00015	.00016	-.00106	.00495
#3	.00005	.00004	-.01415	.00085	-.00010	-.00132	.00407

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00196	.00029	-.00012	-.03100	.00024	-.00021
Stddev	.00004	.03864	.00015	.00036	.00320	.00015	.00005
%RSD	22.076	1966.4	51.645	292.97	10.325	62.627	24.537

#1	.00017	.03188	.00017	-.00050	-.03461	.00038	-.00021
#2	.00014	-.04166	.00025	-.00010	-.02850	.00008	-.00016
#3	.00022	.01567	.00046	.00023	-.02989	.00025	-.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19431	.00037	.01693	F -.01414	.00407	-.00214	.00318
Stddev	.03020	.00015	.01476	.00057	.00119	.00040	.00048
%RSD	15.542	41.052	87.184	4.0004	29.279	18.772	14.996

#1	.17886	.00047	.02900	-.01466	.00509	-.00210	.00295
#2	.17497	.00020	.00047	-.01424	.00276	-.00256	.00373
#3	.22911	.00045	.02131	-.01354	.00437	-.00176	.00286

Sample Name: CCB12 Acquired: 5/24/2019 0:07:59 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15006 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00126	.0045	.00026	F 2.0858	F<.00000
Stddev	.00108	.0011	.00009	.3257	.89062
%RSD	86.175	24.12	33.081	15.616	496.24

#1	-.00232	.0047	.00018	2.1429	-.52364
#2	-.00016	.0033	.00035	1.7353	-.84665
#3	-.00128	.0054	.00025	2.3791	.83187

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3772.3	49180.	4323.2	44.219	4013.0
Stddev	9.5	136.	18.5	.937	7.6
%RSD	.25291	.27633	.42745	2.1183	.18910

#1	3768.7	49135.	4307.8	43.334	4013.0
#2	3765.1	49073.	4318.1	44.123	4005.5
#3	3783.1	49333.	4343.7	45.200	4020.7

Sample Name: K2753-03DLX10 Acquired: 5/24/2019 0:12:29 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00646	.00027	.01075	.00397	-.00109	21.927	.11027	.00171
Stddev	.00277	.00094	.00103	.00066	.00029	.139	.00111	.00005
%RSD	42.906	352.09	9.5622	16.660	26.931	.63348	1.0086	2.7728
#1	.00660	.00114	.01179	.00321	-.00142	21.767	.10927	.00176
#2	.00916	-.00072	.01073	.00442	-.00102	22.003	.11008	.00172
#3	.00362	.00037	.00973	.00428	-.00084	22.012	.11147	.00166
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00069	229.29	.03008	.00472	.03951	21.561	.42140	7.7682
Stddev	.00003	1.10	.00012	.00004	.00015	.021	.00079	.1203
%RSD	4.9007	.48132	.40323	.92057	.37437	.09699	.18677	1.5490
#1	-.00069	229.10	.03020	.00476	.03944	21.537	.42230	7.6607
#2	-.00073	230.48	.03007	.00471	.03942	21.573	.42103	7.7458
#3	-.00067	228.30	.02996	.00467	.03968	21.573	.42086	7.8981
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00929	-.00268	1.9259	.03050	.03376	2.6753	.00025	.07327
Stddev	.00032	.00050	.0301	.00053	.00014	.0481	.00023	.00571
%RSD	3.4369	18.521	1.5637	1.7249	.40120	1.7994	89.498	7.7881
#1	.00893	-.00301	1.8954	.03038	.03365	2.6651	-.00001	.06682
#2	.00954	-.00211	1.9265	.03108	.03372	2.6331	.00038	.07533
#3	.00940	-.00293	1.9557	.03005	.03391	2.7278	.00038	.07766
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5462	.06665	-.00208	.57783	.02850	.9801	1.1830	4.2706
Stddev	.0084	.00022	.00069	.00313	.00056	.0010	.0055	.2764
%RSD	.18520	.33102	33.057	.54213	1.9488	.1068	.46603	6.4713
#1	4.5438	.06678	-.00286	.57813	.02908	.9808	1.1843	4.5743
#2	4.5555	.06639	-.00159	.57456	.02798	.9806	1.1878	4.0339
#3	4.5392	.06677	-.00178	.58080	.02845	.9789	1.1770	4.2036

Sample Name: K2753-03DLX10 Acquired: 5/24/2019 0:12:29 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-3 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	2.7643
Stddev	1.2601
%RSD	45.586

#1	1.5196
#2	4.0392
#3	2.7341

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3577.1	46609.	4314.0	43.768	3537.7
Stddev	9.5	46.	33.5	2.128	11.8
%RSD	.26618	.09884	.77537	4.8622	.33306

#1	3578.3	46632.	4280.4	41.348	3537.4
#2	3567.0	46638.	4314.5	45.346	3526.1
#3	3585.9	46556.	4347.3	44.611	3549.7

Sample Name: K2753-04DLX10 Acquired: 5/24/2019 0:16:50 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00662	.00071	.01439	.00290	-.00102	22.408	.13886	.00169
Stddev	.00171	.00025	.00116	.00115	.00153	.137	.00067	.00003
%RSD	25.845	35.248	8.0568	39.556	150.42	.61246	.48207	1.7886

#1	.00587	.00097	.01515	.00231	.00072	22.389	.13843	.00173
#2	.00858	.00070	.01305	.00217	-.00219	22.281	.13852	.00167
#3	.00541	.00047	.01496	.00422	-.00158	22.553	.13963	.00168

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	233.22	.02506	.00675	.03776	18.960	.49955	7.9973
Stddev	.00003	.33	.00032	.00007	.00052	.012	.00120	.0425
%RSD	7.5828	.14072	1.2697	1.0804	1.3712	.06296	.23965	.53205

#1	-.00044	233.43	.02525	.00680	.03804	18.966	.50089	8.0197
#2	-.00037	233.38	.02523	.00679	.03716	18.946	.49858	7.9482
#3	-.00040	232.84	.02469	.00667	.03807	18.967	.49920	8.0239

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01953	-.00270	.79958	.03066	.02503	1.7994	.00033	.08142
Stddev	.00047	.00036	.01289	.00009	.00004	.0278	.00005	.00883
%RSD	2.3879	13.321	1.6122	.30058	.15584	1.5434	14.631	10.848

#1	.02007	-.00304	.78709	.03074	.02503	1.7824	.00027	.07183
#2	.01929	-.00232	.79880	.03069	.02498	1.7844	.00035	.08922
#3	.01924	-.00274	.81284	.03056	.02506	1.8315	.00036	.08322

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.5822	.06494	-.00137	.67927	.02807	1.070	1.4313	4.1760
Stddev	.0026	.00363	.00008	.00201	.00041	.003	.0039	.0750
%RSD	.07222	5.5855	6.1340	.29578	1.4579	.2898	.26978	1.7962

#1	3.5816	.06807	-.00132	.67721	.02767	1.068	1.4344	4.2398
#2	3.5800	.06579	-.00132	.67937	.02806	1.069	1.4325	4.0933
#3	3.5851	.06096	-.00146	.68122	.02849	1.074	1.4270	4.1948

Sample Name: K2753-04DLX10 Acquired: 5/24/2019 0:16:50 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CONCRETE-4 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.8671
Stddev	1.3892
%RSD	74.403

#1	1.6915
#2	.57407
#3	3.3357

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3585.0	46374.	4292.2	43.101	3532.3
Stddev	12.5	99.	27.3	1.316	14.3
%RSD	.34905	.21383	.63698	3.0537	.40448

#1	3570.6	46317.	4278.4	41.865	3516.1
#2	3593.6	46489.	4274.6	42.954	3543.3
#3	3590.8	46317.	4323.7	44.485	3537.3

Sample Name: K2970-15DLX10 Acquired: 5/24/2019 0:21:12 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TP-9-S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01605	.00053	.29341	.01380	-.00078	23.776	1.8251
Stddev	.00060	.00088	.00178	.00258	.00246	.231	.0130
%RSD	3.7565	165.72	.60651	18.710	316.82	.97071	.71172

#1	.01567	-.00045	.29543	.01406	-.00276	23.603	1.8171
#2	.01573	.00126	.29273	.01109	.00198	23.687	1.8181
#3	.01674	.00078	.29207	.01623	-.00156	24.038	1.8401

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00524	.01499	75.474	.71675	.23489	1.6943	108.76
Stddev	.00007	.00007	.123	.00346	.00065	.0098	.82
%RSD	1.4313	.46842	.16260	.48307	.27765	.57889	.75322

#1	.00532	.01501	75.522	.71324	.23506	1.6941	108.18
#2	.00519	.01506	75.565	.72017	.23417	1.6846	108.40
#3	.00520	.01492	75.334	.71684	.23544	1.7042	109.70

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.0672	12.886	.67895	-.00904	30.096	.16373	.99808
Stddev	.0144	.122	.00177	.00039	.167	.00036	.00332
%RSD	.35398	.94324	.26052	4.3440	.55540	.22077	.33285

#1	4.0694	12.752	.67815	-.00859	29.954	.16333	1.0015
#2	4.0803	12.916	.68098	-.00924	30.054	.16381	.99777
#3	4.0518	12.989	.67773	-.00929	30.280	.16404	.99492

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4206	.00122	.17160	6.8170	.11930	.03268	1.3374
Stddev	.0464	.00013	.00474	.0091	.00282	.00037	.0065
%RSD	1.0486	10.468	2.7629	.13375	2.3601	1.1207	.48678

#1	4.3672	.00137	.16904	6.8117	.11687	.03248	1.3449
#2	4.4440	.00112	.16868	6.8118	.11865	.03246	1.3339
#3	4.4505	.00117	.17707	6.8275	.12239	.03310	1.3333

Sample Name: K2970-15DLX10 Acquired: 5/24/2019 0:21:12 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TP-9-S Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04251	2.671	.43722	2.0553	F<.00000
Stddev	.00173	.003	.00170	.2973	2.5739
%RSD	4.0728	.1139	.38990	14.463	26.450

#1	.04065	2.668	.43916	2.3895	-10.637
#2	.04408	2.674	.43651	1.9559	-6.8270
#3	.04278	2.672	.43598	1.8204	-11.730

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3682.2	48031.	4406.4	42.322	3548.7
Stddev	20.9	140.	18.9	.883	19.4
%RSD	.56751	.29105	.42893	2.0865	.54632

#1	3676.5	48168.	4386.7	42.710	3526.8
#2	3705.4	48038.	4408.0	41.311	3555.3
#3	3664.8	47888.	4424.4	42.945	3563.9

Sample Name: K2983-03DLX10 Acquired: 5/24/2019 0:25:34 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00212	.00002	.01331	.00056	-.00066	.00446	.01344	.00003
Stddev	.00253	.00097	.00089	.00239	.00177	.00473	.00035	.00001
%RSD	118.96	5075.7	6.6723	426.24	270.25	105.90	2.5906	26.674

#1	.00087	-.00109	.01433	.00332	-.00259	.00125	.01332	.00004
#2	.00503	.00068	.01278	-.00085	.00090	.00225	.01317	.00002
#3	.00047	.00047	.01281	-.00079	-.00028	.00989	.01384	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	.81483	.00099	.00004	.02310	.01495	.00275	.08287
Stddev	.00005	.01105	.00011	.00014	.00043	.00037	.00005	.03796
%RSD	16.298	1.3565	10.983	365.15	1.8809	2.4877	1.9627	45.802

#1	.00028	.82597	.00099	.00016	.02315	.01526	.00276	.06360
#2	.00023	.81464	.00110	-.00012	.02264	.01454	.00279	.12660
#3	.00032	.80387	.00088	.00008	.02350	.01505	.00269	.05842

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	.00006	32.897	.00050	.04448	.14216	-.00003	.00812
Stddev	.00008	.00039	.184	.00009	.00008	.01932	.00019	.00612
%RSD	33.351	609.50	.55887	18.115	.18330	13.591	538.91	75.464

#1	.00020	-.00029	33.053	.00055	.04452	.16370	-.00024	.00105
#2	.00017	-.00000	32.694	.00056	.04439	.13644	.00001	.01137
#3	.00031	.00048	32.945	.00040	.04454	.12634	.00012	.01193

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06197	1.5761	-.00328	.00228	-.00038	.0216	.00398	2.7339
Stddev	.00083	.0088	.00113	.00221	.00080	.0010	.00002	.3918
%RSD	1.3438	.55638	34.415	96.655	210.05	4.688	.56986	14.330

#1	.06215	1.5844	-.00327	.00460	-.00108	.0204	.00399	3.1734
#2	.06269	1.5769	-.00441	.00206	.00050	.0222	.00399	2.4212
#3	.06106	1.5670	-.00216	.00020	-.00056	.0221	.00395	2.6072

Sample Name: K2983-03DLX10 Acquired: 5/24/2019 0:25:34 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: OILY-DEBRIS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.7999
Stddev	1.2768
%RSD	45.601

#1	2.0180
#2	2.1084
#3	4.2732

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3685.1	48110.	4321.4	43.663	3831.8
Stddev	10.7	206.	55.3	1.871	8.8
%RSD	.29035	.42818	1.2807	4.2861	.23061

#1	3673.9	47895.	4272.4	41.535	3821.6
#2	3686.0	48306.	4310.4	44.403	3837.3
#3	3695.3	48129.	4381.4	45.051	3836.4

Sample Name: K2985-02DLX10 Acquired: 5/24/2019 0:30:03 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 05-21-19-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00056	-.00034	.00338	.00279	.00110	.01028	.10399	.00002
Stddev	.00139	.00075	.00040	.00276	.00124	.00522	.00116	.00008
%RSD	248.38	219.91	11.786	99.017	113.42	50.820	1.1180	369.63

#1	.00090	-.00097	.00376	.00595	.00172	.00428	.10289	.00002
#2	-.00097	.00049	.00342	.00162	.00190	.01385	.10520	-.00006
#3	.00176	-.00054	.00296	.00081	-.00034	.01271	.10388	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00474	2.6542	.03469	.00137	-.00063	.05156	.05350	.16030
Stddev	.00002	.0193	.00021	.00013	.00002	.00003	.00030	.01199
%RSD	.43272	.72715	.60954	9.6959	3.8343	.06459	.55386	7.4817

#1	.00476	2.6329	.03484	.00148	-.00062	.05157	.05345	.17414
#2	.00472	2.6704	.03478	.00122	-.00060	.05159	.05324	.15369
#3	.00473	2.6594	.03445	.00141	-.00065	.05152	.05382	.15306

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00062	.00006	28.832	.00058	10.452	.38973	-.00244	.19436
Stddev	.00026	.00065	.143	.00015	.027	.01595	.00021	.01053
%RSD	42.634	1043.5	.49615	26.287	.25852	4.0917	8.7361	5.4189

#1	.00036	.00008	28.672	.00057	10.466	.40756	-.00258	.19264
#2	.00060	-.00060	28.948	.00074	10.421	.37683	-.00219	.18480
#3	.00089	.00070	28.877	.00044	10.469	.38481	-.00255	.20565

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41877	.10471	-.00377	.00204	.00117	.0077	.01388	2.5294
Stddev	.00306	.00101	.00037	.00182	.00084	.0014	.00011	.2966
%RSD	.73128	.96337	9.7191	89.256	71.698	18.54	.81233	11.725

#1	.41536	.10583	-.00417	.00228	.00172	.0084	.01400	2.8716
#2	.41969	.10387	-.00371	.00011	.00020	.0085	.01387	2.3458
#3	.42127	.10442	-.00344	.00372	.00157	.0060	.01377	2.3709

Sample Name: K2985-02DLX10 Acquired: 5/24/2019 0:30:03 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 05-21-19-B Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.2897
Stddev	.0922
%RSD	7.1479

#1	1.3929
#2	1.2609
#3	1.2154

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3698.5	48053.	4309.5	44.083	3856.2
Stddev	8.6	128.	25.3	.377	8.2
%RSD	.23138	.26658	.58810	.85468	.21170

#1	3698.9	48099.	4288.3	43.979	3858.8
#2	3706.9	47908.	4302.6	43.768	3862.7
#3	3689.8	48152.	4337.5	44.500	3847.0

Sample Name: K2985-03DLX10 Acquired: 5/24/2019 0:34:29 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 05-21-19-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00217	.00013	.01155	-.00100	.00082	.00128	.03077	.00004
Stddev	.00203	.00070	.00024	.00329	.00122	.00958	.00066	.00004
%RSD	93.321	536.57	2.0881	328.24	148.82	750.05	2.1552	90.924
#1	-.00400	.00029	.01182	-.00479	.00218	.01153	.03006	.00008
#2	.00001	-.00063	.01135	.00114	-.00016	-.00025	.03090	.00004
#3	-.00254	.00073	.01148	.00065	.00043	-.00745	.03136	.00000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01005	3.1961	.03964	.00171	-.00053	.02221	.04260	.11623
Stddev	.00009	.0095	.00012	.00008	.00035	.00115	.00021	.00772
%RSD	.88907	.29851	.30470	4.6355	65.759	5.1845	.48307	6.6386
#1	.01006	3.2011	.03953	.00171	-.00089	.02161	.04281	.11251
#2	.00996	3.1851	.03963	.00180	-.00048	.02148	.04240	.11108
#3	.01014	3.2020	.03977	.00164	-.00021	.02354	.04260	.12510
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00016	26.254	.00027	10.043	.33168	-.00212	.17184
Stddev	.00001	.00063	.071	.00009	.051	.01855	.00018	.00478
%RSD	290.94	385.88	.26987	35.377	.51074	5.5917	8.5721	2.7845
#1	.00001	.00089	26.275	.00016	9.9888	.33550	-.00195	.17097
#2	.00002	-.00026	26.175	.00034	10.048	.31152	-.00231	.16755
#3	-.00001	-.00014	26.312	.00030	10.091	.34802	-.00209	.17700
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57059	.07652	-.00359	.00166	.00010	.0053	.00891	3.3753
Stddev	.00367	.00124	.00076	.00103	.00111	.0009	.00011	.1710
%RSD	.64303	1.6182	21.293	62.163	1132.7	17.07	1.2078	5.0669
#1	.57272	.07712	-.00312	.00126	.00111	.0043	.00879	3.2141
#2	.56635	.07510	-.00317	.00089	.00029	.0061	.00898	3.5547
#3	.57270	.07734	-.00447	.00283	-.00110	.0054	.00897	3.3571

Sample Name: K2985-03DLX10 Acquired: 5/24/2019 0:34:29 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 05-21-19-C Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.3551
Stddev	.3089
%RSD	22.799

#1	1.0128
#2	1.6134
#3	1.4389

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3622.1	47398.	4166.1	43.064	3783.6
Stddev	15.6	238.	15.0	.991	14.1
%RSD	.43033	.50182	.35923	2.3012	.37167

#1	3640.0	47201.	4160.2	42.196	3799.7
#2	3614.2	47662.	4154.9	42.852	3777.1
#3	3612.0	47332.	4183.1	44.144	3773.9

Sample Name: CCV13 Acquired: 5/24/2019 0:38:57 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9439	5.0720	4.7858	5.1426	4.9110	9.6384	9.8781	.24461
Stddev	.0141	.0102	.0032	.0117	.0227	.0974	.0173	.00108
%RSD	.28448	.20049	.06582	.22789	.46263	1.0100	.17529	.44064
#1	4.9572	5.0816	4.7883	5.1426	4.9112	9.5287	9.8617	.24447
#2	4.9452	5.0733	4.7823	5.1544	4.9336	9.7144	9.8962	.24575
#3	4.9292	5.0613	4.7868	5.1309	4.8881	9.6722	9.8764	.24361
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4595	26.000	1.0224	2.4282	1.1986	5.1109	2.5016	23.524
Stddev	.0012	.115	.0033	.0029	.0053	.0163	.0103	.146
%RSD	.05043	.44404	.31970	.11812	.43941	.31975	.41237	.62101
#1	2.4607	25.902	1.0204	2.4314	1.2006	5.1082	2.4972	23.356
#2	2.4596	25.972	1.0262	2.4258	1.2026	5.1285	2.5134	23.604
#3	2.4582	26.127	1.0207	2.4274	1.1926	5.0962	2.4942	23.614
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5346	1.2703	25.606	2.6339	2.3950	24.815	4.9397	5.0111
Stddev	.0020	.0071	.227	.0068	.0028	.113	.0169	.0158
%RSD	.07983	.56033	.88682	.25881	.11843	.45497	.34139	.31432
#1	2.5348	1.2664	25.379	2.6316	2.3983	24.701	4.9473	4.9930
#2	2.5365	1.2785	25.833	2.6415	2.3935	24.927	4.9515	5.0214
#3	2.5325	1.2659	25.607	2.6285	2.3933	24.818	4.9204	5.0190
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0540	5.1843	4.9739	5.0123	5.0865	5.182	5.1300	4.9323
Stddev	.0090	.0323	.0104	.0125	.0277	.017	.0147	.0791
%RSD	.17858	.62398	.20870	.24903	.54448	.3290	.28586	1.6048
#1	5.0506	5.2214	4.9842	5.0058	5.1171	5.202	5.1466	4.9573
#2	5.0471	5.1620	4.9741	5.0044	5.0632	5.170	5.1187	4.9959
#3	5.0642	5.1695	4.9635	5.0267	5.0791	5.174	5.1248	4.8436

Sample Name: CCV13 Acquired: 5/24/2019 0:38:57 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15012 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .84869
Stddev	.61054
%RSD	71.939

#1	1.4489
#2	.22831
#3	.86886

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3520.6	45958.	4190.6	41.334	3472.6
Stddev	16.1	214.	34.7	.958	10.9
%RSD	.45868	.46648	.82771	2.3175	.31299

#1	3509.9	45992.	4150.6	40.333	3460.5
#2	3512.7	45728.	4208.7	41.427	3475.5
#3	3539.1	46153.	4212.5	42.242	3481.7

Sample Name: CCB13 Acquired: 5/24/2019 0:43:06 Type: Unk
Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00250	.00168	-.00114	.00110	-.00092	.00338	.00092
Stddev	.00061	.00068	.00019	.00153	.00127	.00396	.00067
%RSD	24.336	40.218	16.933	139.42	137.01	116.97	73.350

#1	.00314	.00243	-.00118	.00031	.00036	-.00052	.00132
#2	.00193	.00150	-.00132	.00286	-.00217	.00739	.00129
#3	.00242	.00112	-.00093	.00012	-.00096	.00328	.00014

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00012	-.01469	.00033	.00002	-.00059	.00107
Stddev	.00007	.00007	.00730	.00036	.00007	.00010	.00032
%RSD	170.13	56.435	49.677	109.87	394.53	17.372	30.017

#1	.00010	.00018	-.01114	.00065	.00010	-.00051	.00129
#2	.00007	.00014	-.00985	-.00006	-.00001	-.00071	.00122
#3	-.00004	.00005	-.02309	.00040	-.00004	-.00056	.00070

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.04589	-.00008	-.00002	-.04613	.00019	.00006
Stddev	.00002	.02830	.00026	.00055	.00486	.00014	.00006
%RSD	8377.0	61.678	325.71	2565.8	10.539	73.466	110.03

#1	.00002	-.05973	.00022	.00003	-.04091	.00034	.00013
#2	.00001	-.06461	-.00024	.00050	-.04696	.00017	.00002
#3	-.00003	-.01333	-.00023	-.00059	-.05052	.00006	.00002

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06940	.00054	.00614	F -.01069	.00175	-.00218	.00364
Stddev	.01162	.00008	.01043	.00051	.00067	.00020	.00039
%RSD	16.742	15.739	169.91	4.8110	37.986	8.9909	10.694

#1	.06384	.00063	-.00533	-.01126	.00245	-.00223	.00343
#2	.08275	.00047	.01506	-.01055	.00112	-.00197	.00340
#3	.06160	.00052	.00869	-.01027	.00169	-.00235	.00408

Sample Name: CCB13 Acquired: 5/24/2019 0:43:06 Type: Unk
 Method: P4-ICP2(v3144) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15012 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00046	.0021	.00023	F 2.7519	F .70415
Stddev	.00123	.0010	.00007	.2782	1.4728
%RSD	265.73	45.60	30.099	10.110	209.16

#1	-.00021	.0025	.00028	2.6438	.80158
#2	-.00180	.0010	.00015	3.0680	-.81494
#3	.00062	.0029	.00028	2.5440	2.1258

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3667.5	47892.	4154.0	43.138	3904.1
Stddev	9.1	196.	25.1	.579	5.1
%RSD	.24677	.40970	.60311	1.3413	.13115

#1	3675.2	47692.	4179.2	42.568	3907.7
#2	3669.8	48085.	4129.1	43.725	3906.2
#3	3657.5	47900.	4153.8	43.120	3898.2