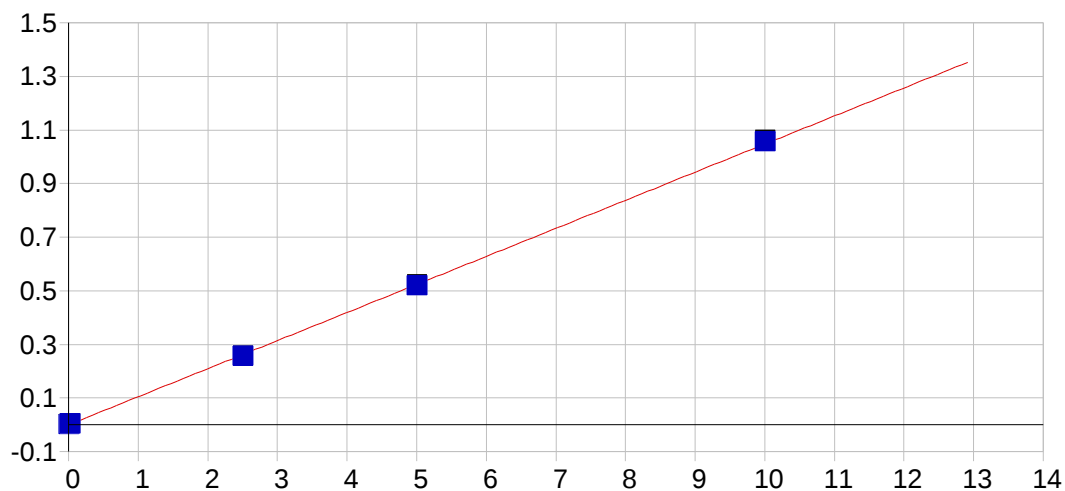


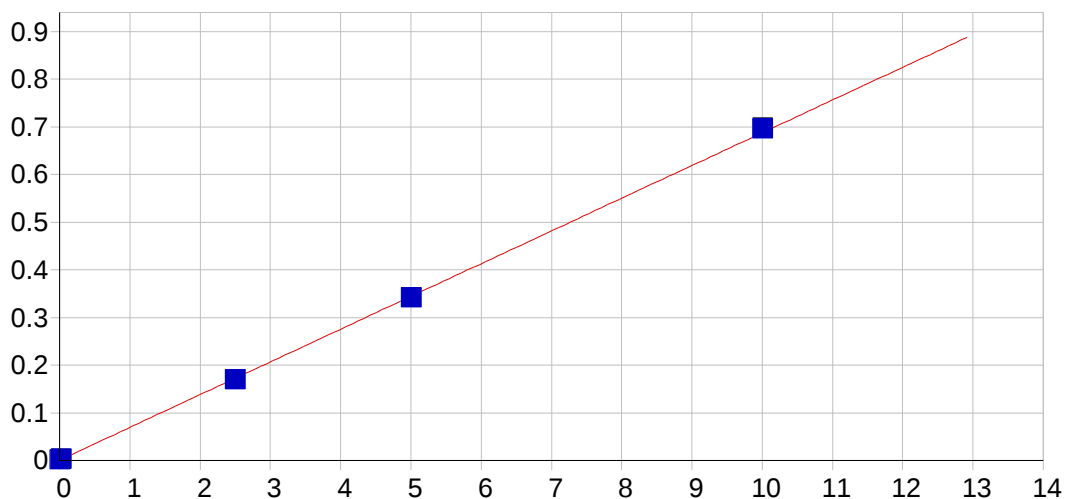


As 189.042 {478}

Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000258 Re-Slope: 1.000000
 A1 (Gain): 0.104745 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.002523
 Predicted MQL: 0.008411

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00026	.000	1
S1	.02000	.02250	.002	12.5	.00210	.000	1
S3	2.5000	2.4424	-.058	-2.31	.25555	.001	1
S4	5.0000	4.9621	-.038	-.758	.51946	.001	1
S5	10.000	10.093	.093	.931	1.0569	.004	1



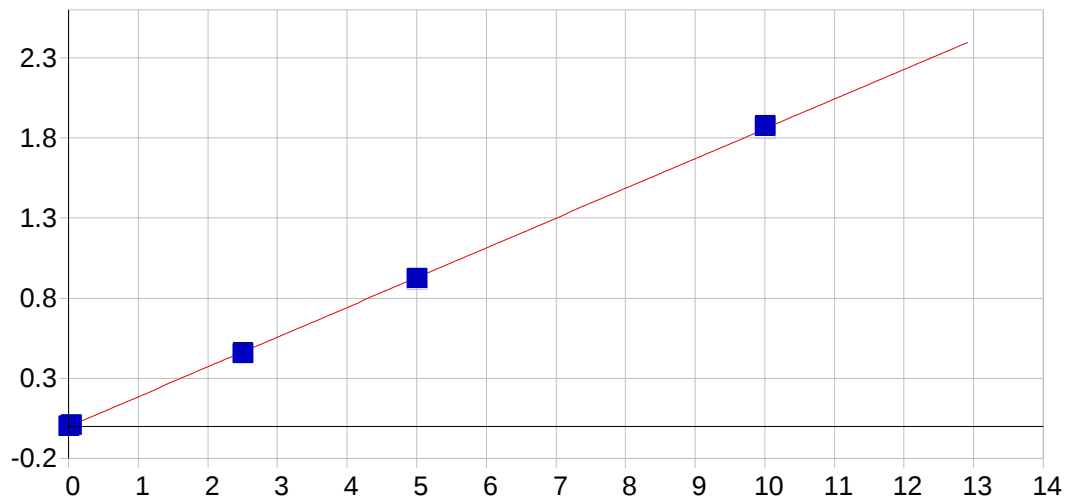
As 189.042 {479}

Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000783 Re-Slope: 1.000000

A1 (Gain): 0.068679 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.002437
 Predicted MQL: 0.008123

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00078	.000	1
S1	.02000	.01821	-.002	-8.94	.00203	.000	1
S3	2.5000	2.4437	-.056	-2.25	.16862	.000	1
S4	5.0000	4.9506	-.049	-.987	.34079	.001	1
S5	10.000	10.107	.107	1.07	.69496	.003	1

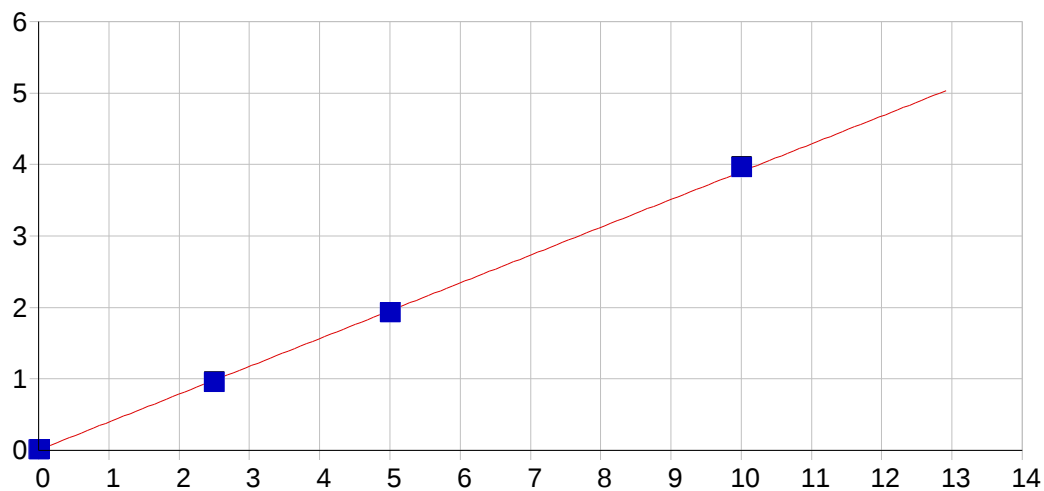


TI 190.856 {477}

Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000086 Re-Slope: 1.000000
 A1 (Gain): 0.185717 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000064
 Predicted MDL: 0.001155
 Predicted MQL: 0.003849

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00009	.000	1
S1	.04000	.04192	.002	4.81	.00751	.000	1
S3	2.5000	2.4587	-.041	-1.65	.45177	.001	1
S4	5.0000	4.9584	-.042	-.832	.91125	.002	1
S5	10.000	10.081	.081	.811	1.8531	.005	1

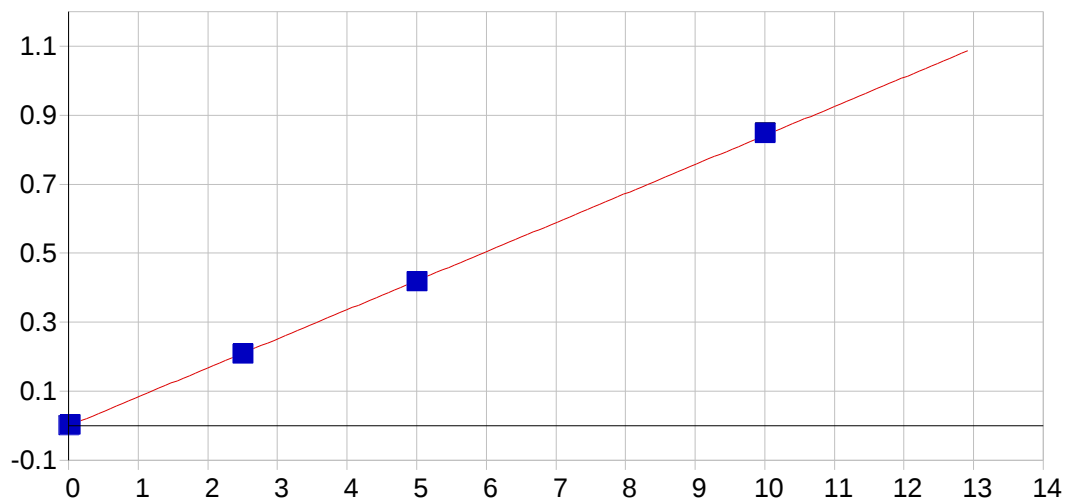


Pb 220.353 {453}

Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007893 Re-Slope: 1.000000
 A1 (Gain): 0.389161 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849 Status: OK.
 Std Error of Est: 0.000126
 Predicted MDL: 0.000880
 Predicted MQL: 0.002933

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00789	.000	1
S1	.01200	.01218	.000	1.53	.01255	.000	1
S3	2.5000	2.4287	-.071	-2.85	.95175	.002	1
S4	5.0000	4.9252	-.075	-1.50	1.9220	.003	1
S5	10.000	10.146	.146	1.46	3.9510	.007	1



Se 196.090 {472}

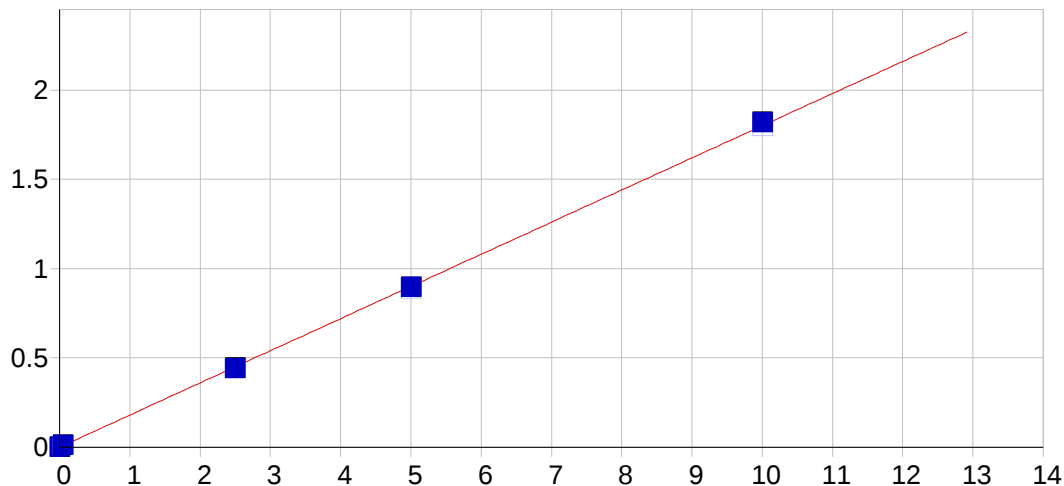
Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000492 Re-Slope: 1.000000
 A1 (Gain): 0.084172 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960
 Std Error of Est: 0.000018
 Predicted MDL: 0.002775
 Predicted MQL: 0.009250

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00049	.000	1
S1	.02000	.02238	.002	11.9	.00139	.000	1
S3	2.5000	2.4742	-.026	-1.03	.20772	.000	1
S4	5.0000	4.9561	-.044	-.878	.41658	.001	1
S5	10.000	10.067	.067	.674	.84671	.001	1



Sb 206.833 {463}

Date of Fit: 6/14/2019 15:44:00

Type of Fit: Linear

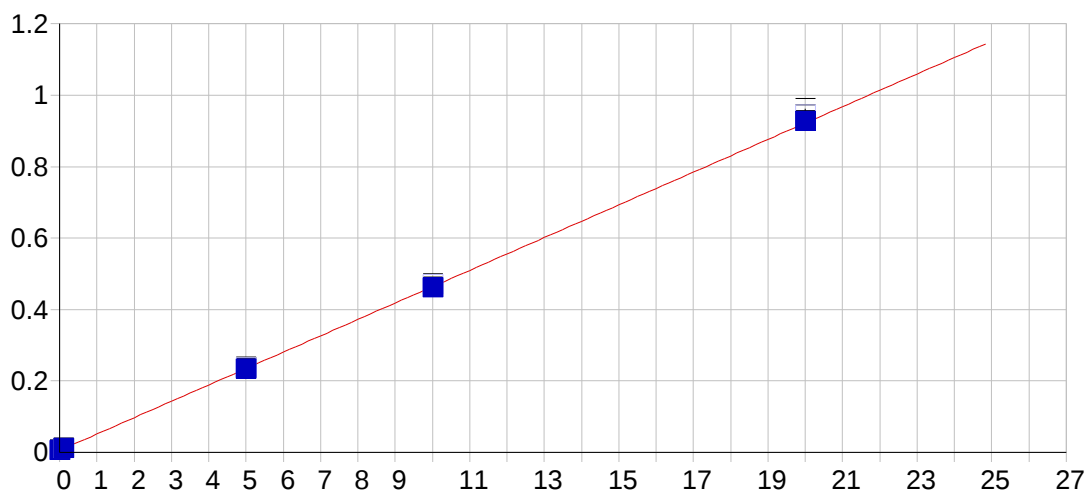
Weighting: 1/Conc

A0 (Offset): 0.000954
 A1 (Gain): 0.179877
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999941
 Std Error of Est: 0.000074
 Predicted MDL: 0.001615
 Predicted MQL: 0.005383

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	.00095	.000	1
S1	.05000	.05200	.002	4.01	.01008	.000	1
S3	2.5000	2.4507	-.049	-1.97	.43672	.001	1
S4	5.0000	4.9640	-.036	-.721	.88375	.002	1
S5	10.000	10.083	.083	.834	1.7945	.003	1

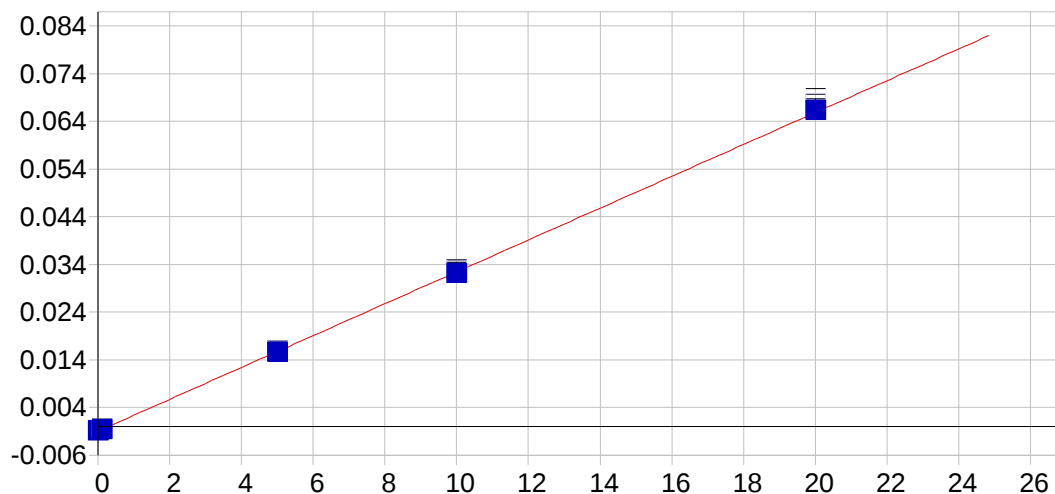


AI 308.215 {109}

Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005608 Re-Slope: 1.000000
 A1 (Gain): 0.045826 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.002556
 Predicted MQL: 0.008518

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00561	.000	1
S1	.10000	.11060	.011	10.6	.01099	.000	1
S3	5.0000	4.9566	-.043	-.868	.23731	.001	1
S4	10.000	9.9360	-.064	-.640	.47006	.001	1
S5	20.000	20.096	.096	.481	.94480	.017	1



AI 309.271 {109}

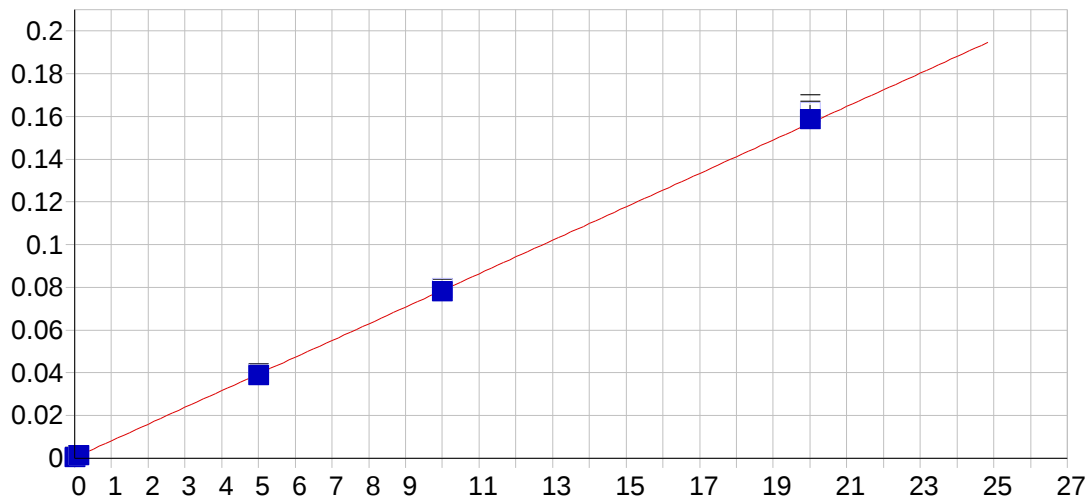
Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000939 Re-Slope: 1.000000
 A1 (Gain): 0.003340 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938
 Std Error of Est: 0.000003
 Predicted MDL: 0.025903
 Predicted MQL: 0.086345

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00094	.000	1
S1	.10000	.11195	.012	12.0	-.00054	.000	1
S3	5.0000	4.9352	-.065	-1.30	.01588	.000	1
S4	10.000	9.8978	-.102	-1.02	.03279	.000	1
S5	20.000	20.154	.154	.772	.06771	.001	1



AI 396.152 { 85}

Date of Fit: 6/14/2019 15:44:00

Type of Fit: Linear

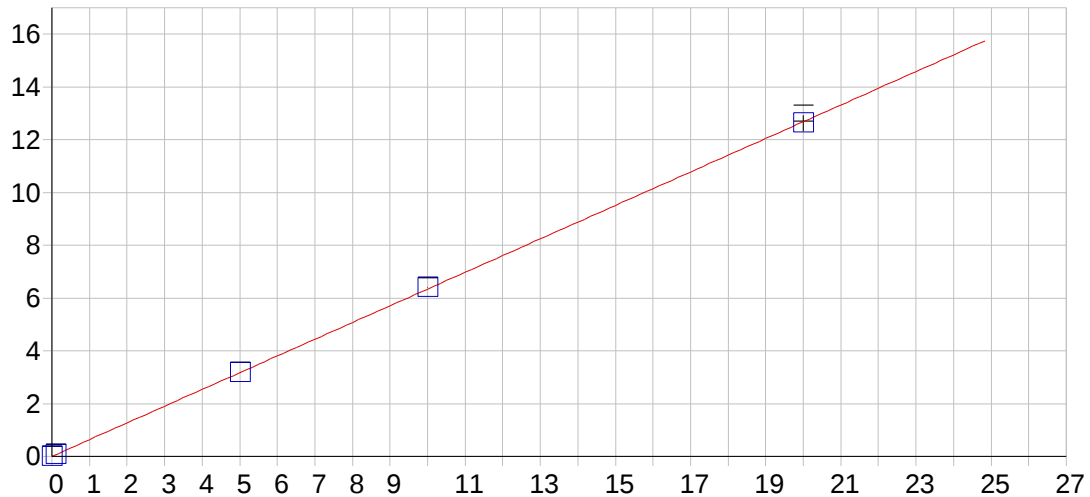
Weighting: 1/Conc

A0 (Offset): 0.000379
 A1 (Gain): 0.007822
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907
 Std Error of Est: 0.000008
 Predicted MDL: 0.014796
 Predicted MQL: 0.049321

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	.00038	.000	1
S1	.10000	.10071	.001	.715	.00122	.000	1
S3	5.0000	4.8785	-.122	-2.43	.03932	.000	1
S4	10.000	9.8910	-.109	-1.09	.07930	.000	1
S5	20.000	20.230	.230	1.15	.16172	.004	1

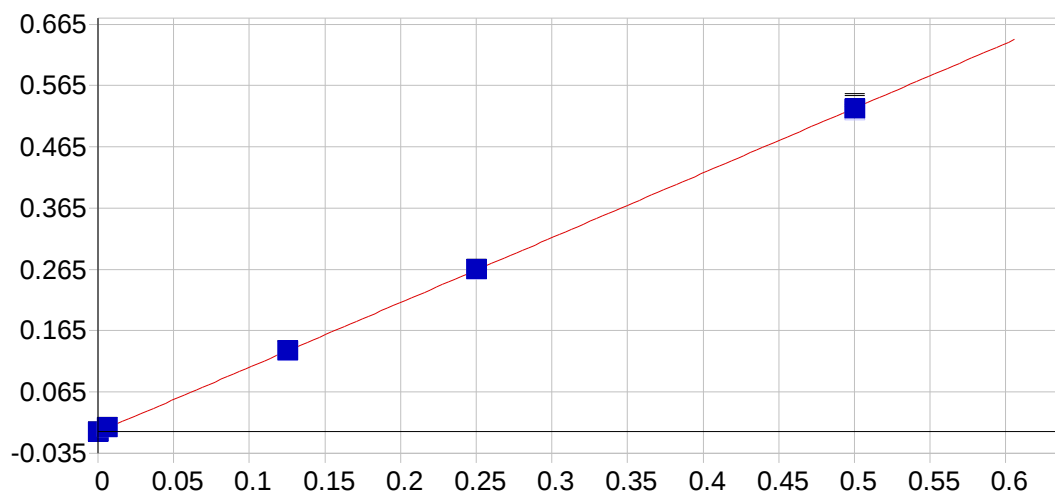


Ba 493.409 { 68}

Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000840 Re-Slope: 1.000000
 A1 (Gain): 0.633988 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000319
 Predicted MDL: 0.000469
 Predicted MQL: 0.001563

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00084	.000	1
S1	.10000	.10713	.007	7.13	.06876	.001	1
S3	5.0000	5.0043	.004	.087	3.1735	.006	1
S5	20.000	19.910	-.090	-.448	12.624	.306	1
S4	10.000	10.078	.078	.781	6.3902	.016	1



Be 234.861 {144}

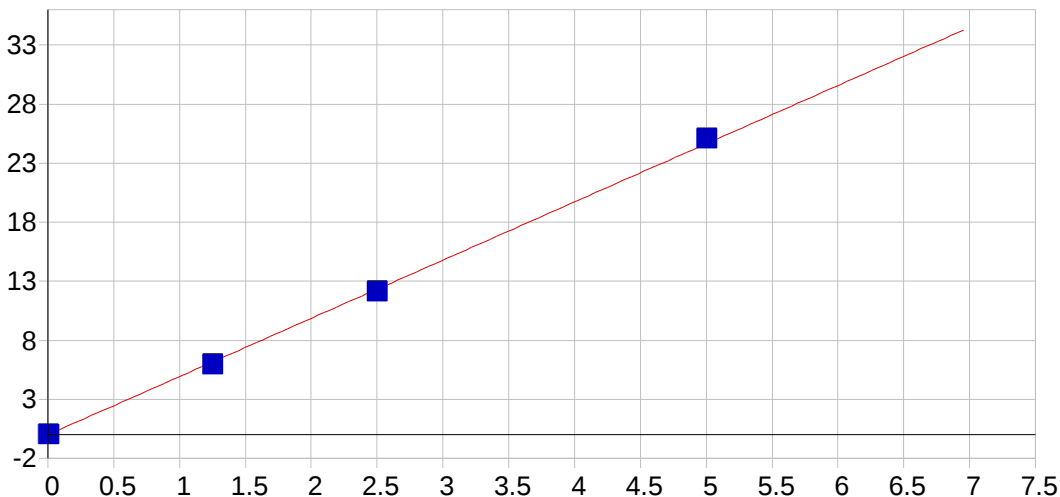
Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000323 Re-Slope: 1.000000
 A1 (Gain): 1.056824 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967
 Std Error of Est: 0.000025
 Predicted MDL: 0.000072
 Predicted MQL: 0.000241

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00032	.000	1
S1	.00600	.00655	.001	9.14	.00653	.000	1
S3	.12500	.12498	-.000	-.015	.13093	.000	1
S4	.25000	.25093	.001	.370	.26320	.000	1
S5	.50000	.49855	-.001	-.291	.52323	.009	1



Cd 226.502 {449}

Date of Fit: 6/14/2019 15:44:00

Type of Fit: Linear

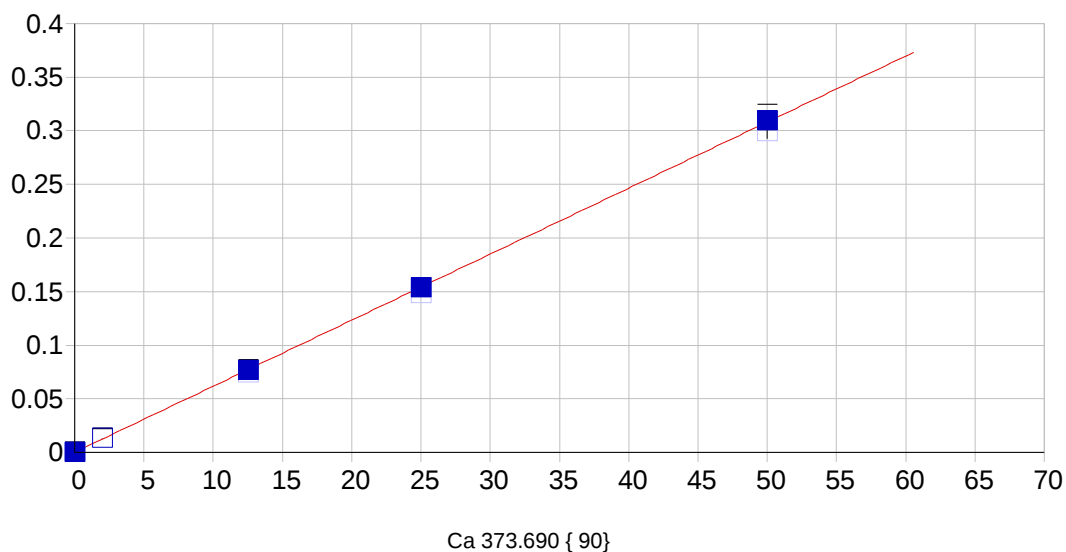
Weighting: 1/Conc

A0 (Offset): -0.004688
 A1 (Gain): 4.930272
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999784
 Std Error of Est: 0.000959
 Predicted MDL: 0.000081
 Predicted MQL: 0.000269

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

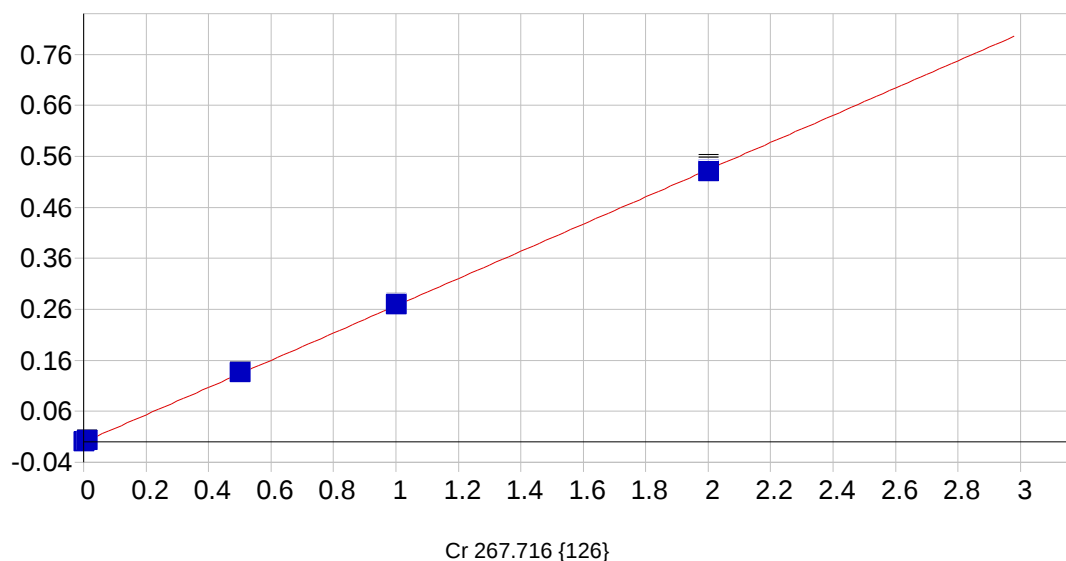
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00469	.000	1
S1	.00600	.00591	-.000	-1.50	.02451	.000	1
S3	1.2500	1.2057	-.044	-3.55	5.9411	.009	1
S4	2.5000	2.4578	-.042	-1.69	12.116	.016	1
S5	5.0000	5.0866	.087	1.73	25.079	.046	1



Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000101 Re-Slope: 1.000000
 A1 (Gain): 0.006161 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.015282
 Predicted MQL: 0.050940

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0689	.069	3.45	.01285	.000	1
S0	.00000	-.00005	-.000	.000	.00010	.000	1
S3	12.500	12.395	-.105	-.843	.07390	.001	1
S4	25.000	24.864	-.136	-.545	.14815	.000	1
S5	50.000	50.170	.170	.341	.29893	.006	1



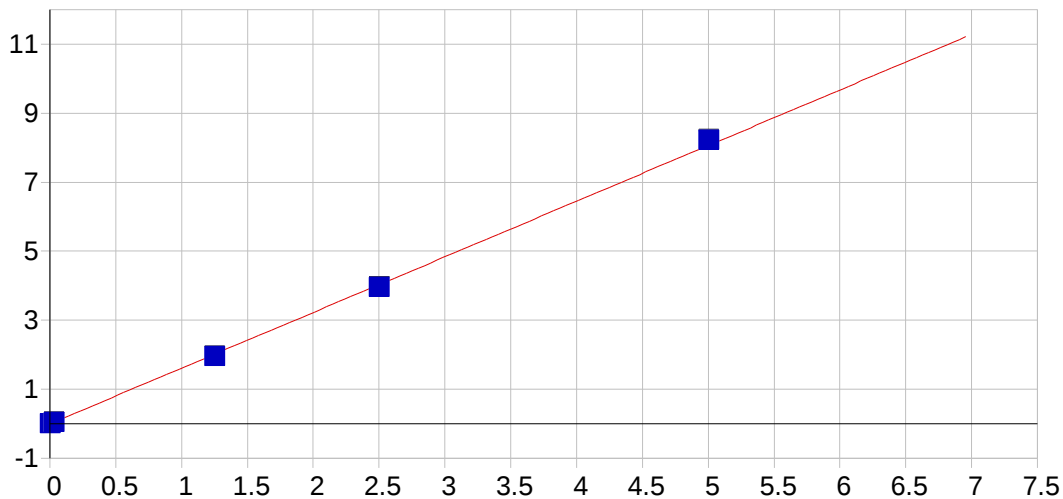
Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000004 Re-Slope: 1.000000
 A1 (Gain): 0.266958 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942
 Std Error of Est: 0.000022
 Predicted MDL: 0.000392
 Predicted MQL: 0.001308

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00000	.000	1
S1	.01000	.01067	.001	6.73	.00287	.000	1
S3	.50000	.50950	.010	1.90	.13707	.000	1
S4	1.0000	1.0067	.007	.669	.27085	.001	1
S5	2.0000	1.9831	-.017	-.843	.53362	.010	1



Co 228.616 {447}

Date of Fit: 6/14/2019 15:44:00

Type of Fit: Linear

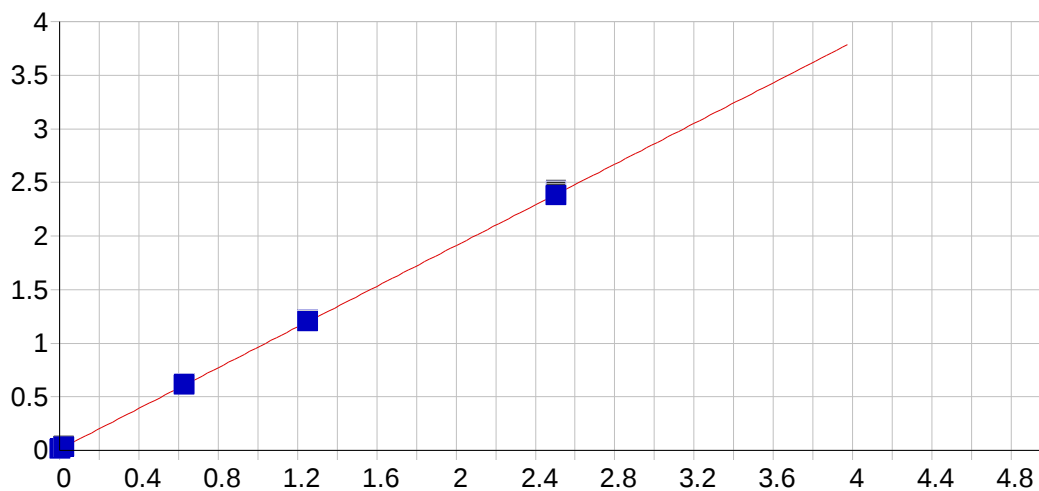
Weighting: 1/Conc

A0 (Offset): -0.000252
 A1 (Gain): 1.612534
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999770
 Std Error of Est: 0.000724
 Predicted MDL: 0.000209
 Predicted MQL: 0.000697

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	-.00025	.000	1
S1	.03000	.02946	-.001	-1.81	.04692	.000	1
S3	1.2500	1.2061	-.044	-3.52	1.9461	.002	1
S4	2.5000	2.4540	-.046	-1.84	3.9600	.005	1
S5	5.0000	5.0905	.090	1.81	8.2147	.020	1

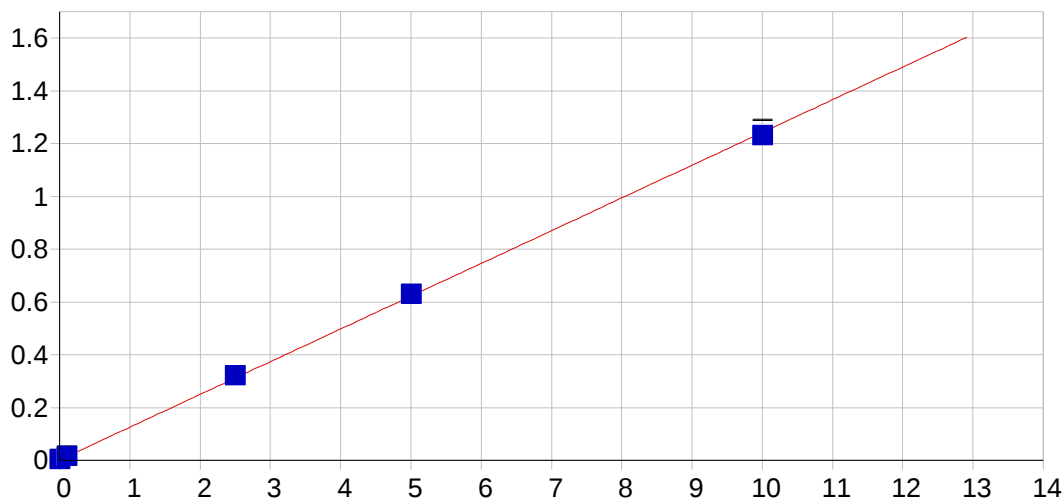


Cu 224.700 {450}

Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011406 Re-Slope: 1.000000
 A1 (Gain): 0.949485 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000093
 Predicted MDL: 0.000400
 Predicted MQL: 0.001335

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01140	.001	1
S1	.02000	.02210	.002	10.5	.03269	.000	1
S3	.62500	.63016	.005	.825	.61932	.001	1
S4	1.2500	1.2508	.001	.064	1.2182	.001	1
S5	2.5000	2.4919	-.008	-.323	2.4158	.009	1



Fe 240.488 {140}

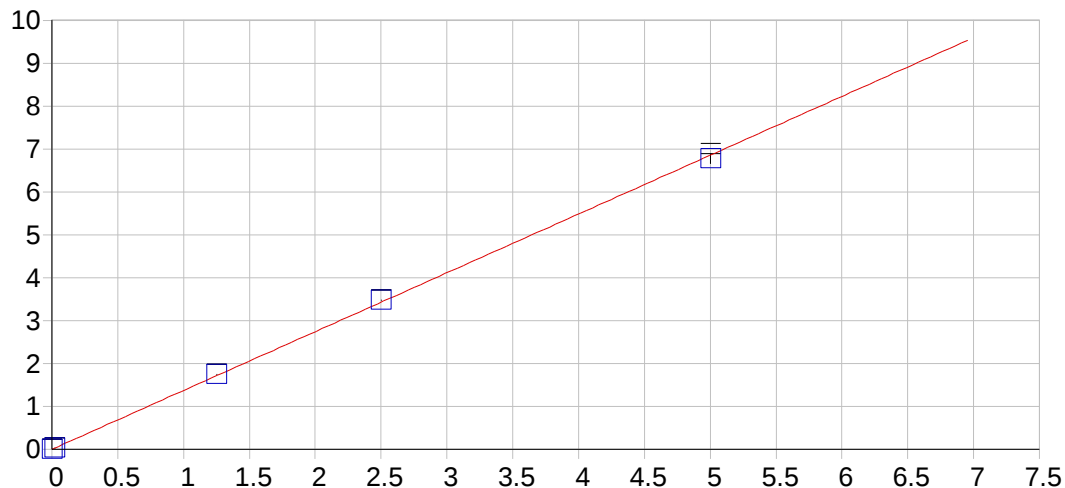
Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001600 Re-Slope: 1.000000
 A1 (Gain): 0.124054 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896
 Std Error of Est: 0.000097
 Predicted MDL: 0.000651
 Predicted MQL: 0.002169

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00160	.000	1
S1	.10000	.10879	.009	8.79	.01516	.000	1
S3	2.5000	2.5581	.058	2.32	.32010	.001	1
S4	5.0000	5.0426	.043	.852	.62947	.001	1
S5	10.000	9.8905	-.110	-1.10	1.2332	.021	1



Mn 257.610 {131}

Date of Fit: 6/14/2019 15:44:00

Type of Fit: Linear

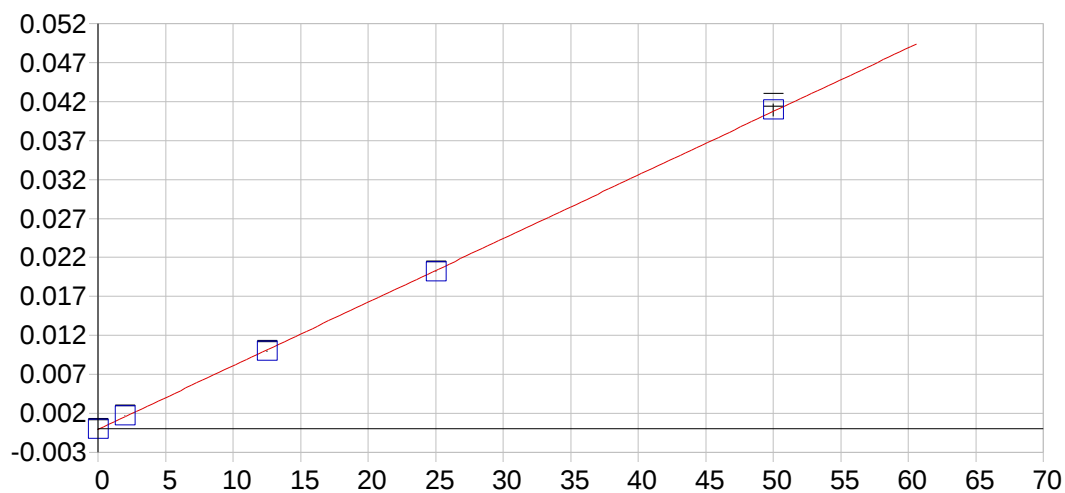
Weighting: 1/Conc

A0 (Offset): 0.000319
 A1 (Gain): 1.370955
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890
 Std Error of Est: 0.000347
 Predicted MDL: 0.000066
 Predicted MQL: 0.000220

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	.00031	.000	1
S1	.02000	.02297	.003	14.8	.03181	.000	1
S3	1.2500	1.2707	.021	1.66	1.7424	.001	1
S4	2.5000	2.5343	.034	1.37	3.4747	.001	1
S5	5.0000	4.9420	-.058	-1.16	6.7756	.120	1

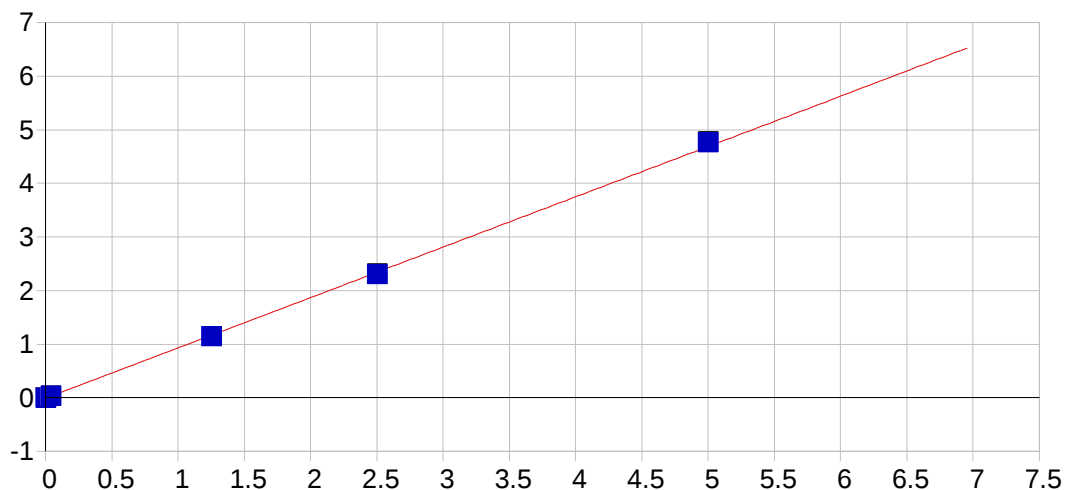


Mg 279.079 {121}

Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000052 Re-Slope: 1.000000
 A1 (Gain): 0.000815 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.048658
 Predicted MQL: 0.162192

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1526	.153	7.63	.00170	.000	1
S0	.00000	-.00011	-.000	.000	-.00005	.000	1
S3	12.500	12.300	-.200	-1.60	.00998	.000	1
S4	25.000	24.810	-.190	-.759	.02018	.000	1
S5	50.000	50.237	.237	.474	.04091	.001	1



Ni 231.604 {445}

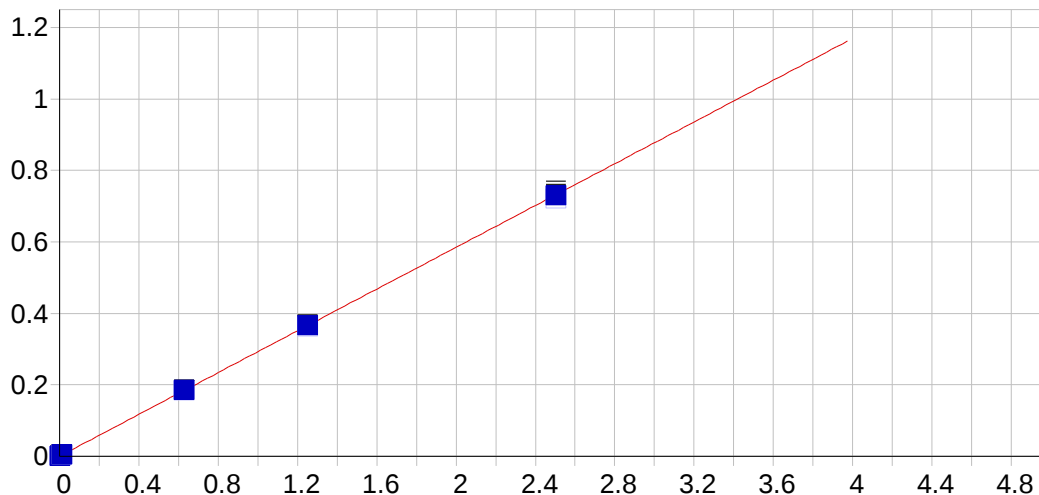
Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.009681 Re-Slope: 1.000000
 A1 (Gain): 0.939299 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865
 Std Error of Est: 0.000374
 Predicted MDL: 0.000386
 Predicted MQL: 0.001286

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00968	.000	1
S1	.04000	.04105	.001	2.62	.02890	.000	1
S3	1.2500	1.2217	-.028	-2.26	1.1392	.002	1
S4	2.5000	2.4572	-.043	-1.71	2.3010	.003	1
S5	5.0000	5.0700	.070	1.40	4.7577	.009	1



Ag 328.068 {103}

Date of Fit: 6/14/2019 15:44:00

Type of Fit: Linear

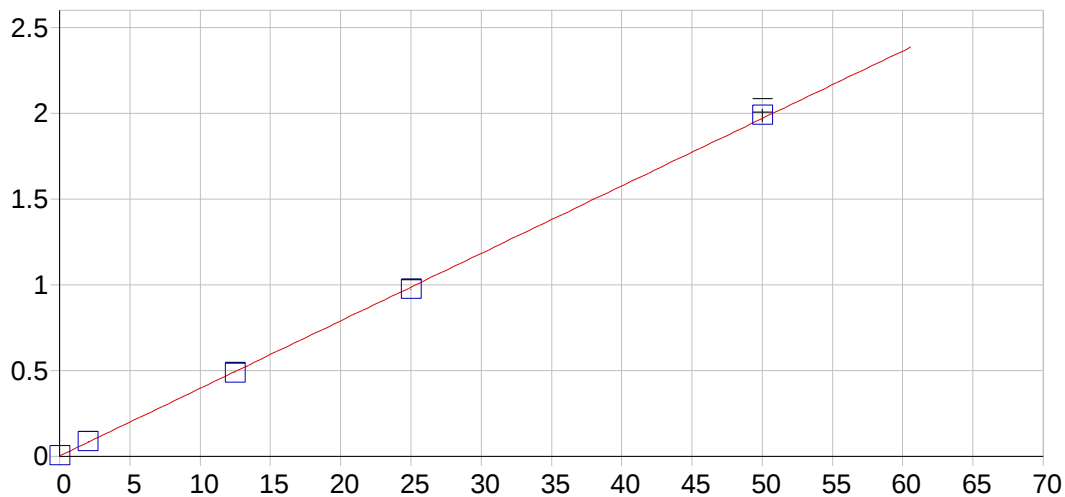
Weighting: 1/Conc

A0 (Offset): 0.000475
 A1 (Gain): 0.292211
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991
 Std Error of Est: 0.000010
 Predicted MDL: 0.000540
 Predicted MQL: 0.001800

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	.01000	.01011	.000	1.14	.00337	.000	1
S3	.62500	.63088	.006	.941	.18275	.000	1
S4	1.2500	1.2505	.000	.039	.36172	.001	1
S5	2.5000	2.4935	-.006	-.259	.72079	.012	1

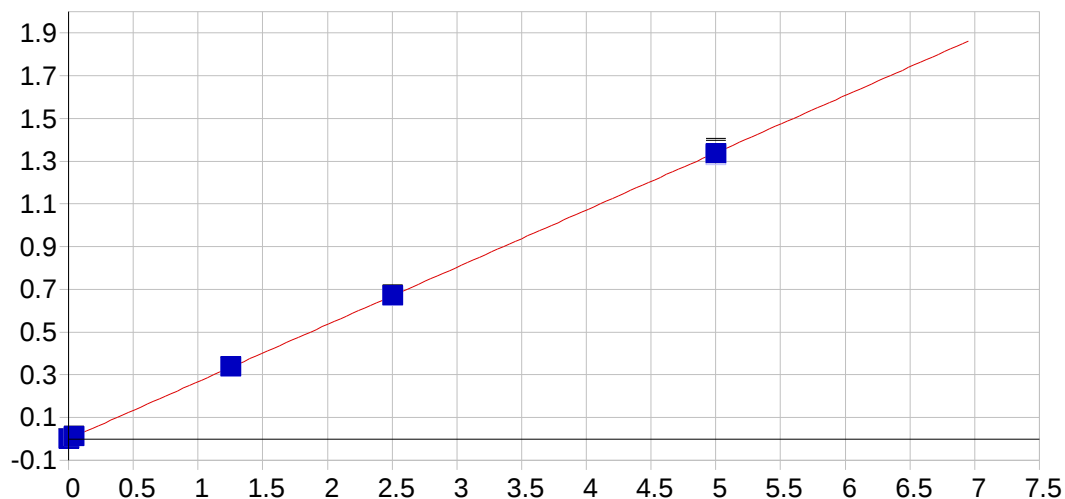


Na 589.592 { 57}

Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003324 Re-Slope: 1.000000
 A1 (Gain): 0.039326 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877 Status: OK.
 Std Error of Est: 0.000337
 Predicted MDL: 0.007948
 Predicted MQL: 0.026495

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1358	.136	6.79	.08732	.000	1
S0	.00000	-.00009	-.000	.000	.00332	.000	1
S3	12.500	12.293	-.207	-1.66	.48675	.001	1
S4	25.000	24.629	-.371	-1.48	.97188	.002	1
S5	50.000	50.442	.442	.885	1.9870	.038	1



V 292.402 {115}

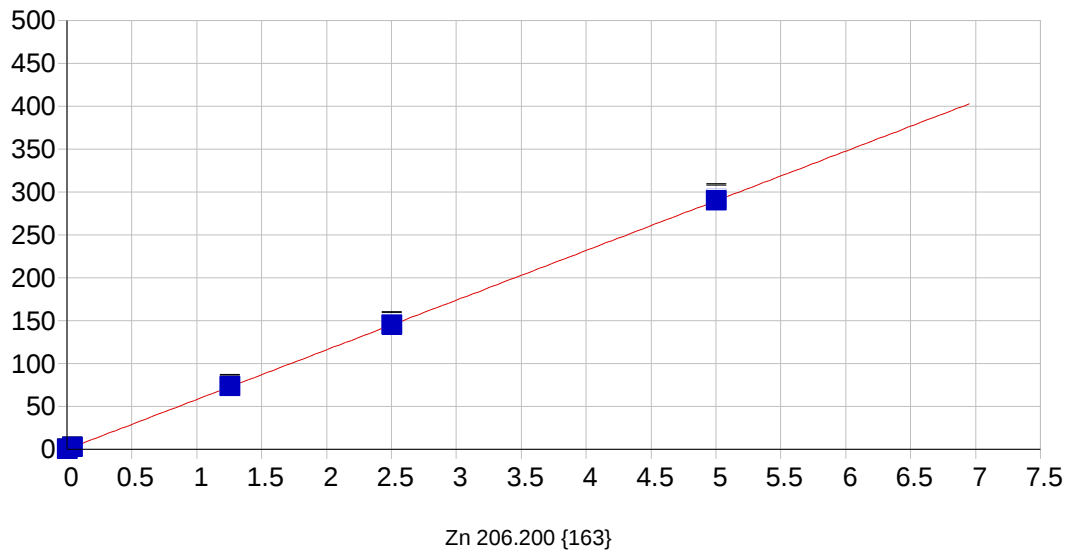
Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000136 Re-Slope: 1.000000
 A1 (Gain): 0.267942 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991
 Std Error of Est: 0.000028
 Predicted MDL: 0.000450
 Predicted MQL: 0.001501

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00014	.000	1
S1	.04000	.04194	.002	4.86	.01094	.000	1
S3	1.2500	1.2551	.005	.406	.33396	.001	1
S4	2.5000	2.5058	.006	.230	.66688	.002	1
S5	5.0000	4.9872	-.013	-.255	1.3274	.024	1



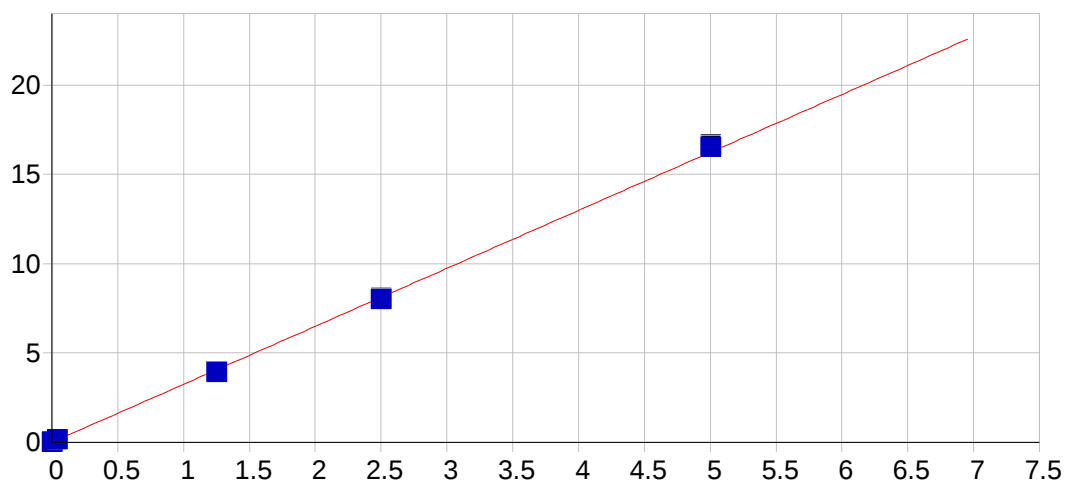
Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.153337
 A1 (Gain): 57.918569
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999998
 Std Error of Est: 0.002914
 Predicted MDL: 0.000391
 Predicted MQL: 0.001302

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	.15330	.016	1
S1	.04000	.04056	.001	1.41	2.5178	.049	1
S3	1.2500	1.2545	.004	.356	73.247	1.98	1
S4	2.5000	2.4941	-.006	-.237	145.48	3.09	1
S5	5.0000	5.0009	.001	.018	291.55	6.29	1

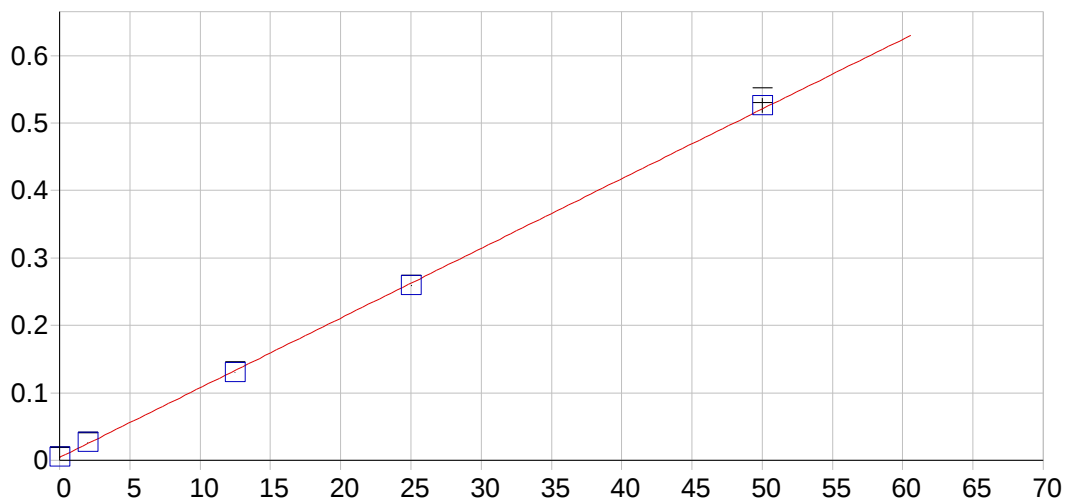


Zn 213.856 {458}

Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006404 Re-Slope: 1.000000
 A1 (Gain): 3.244536 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999780 Status: OK.
 Std Error of Est: 0.001658
 Predicted MDL: 0.000088
 Predicted MQL: 0.000294

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00641	.000	1
S1	.04000	.03897	-.001	-2.57	.13376	.000	1
S3	1.2500	1.2048	-.045	-3.61	3.9414	.010	1
S4	2.5000	2.4580	-.042	-1.68	8.0333	.017	1
S5	5.0000	5.0882	.088	1.76	16.619	.050	1



K 766.490 {44}

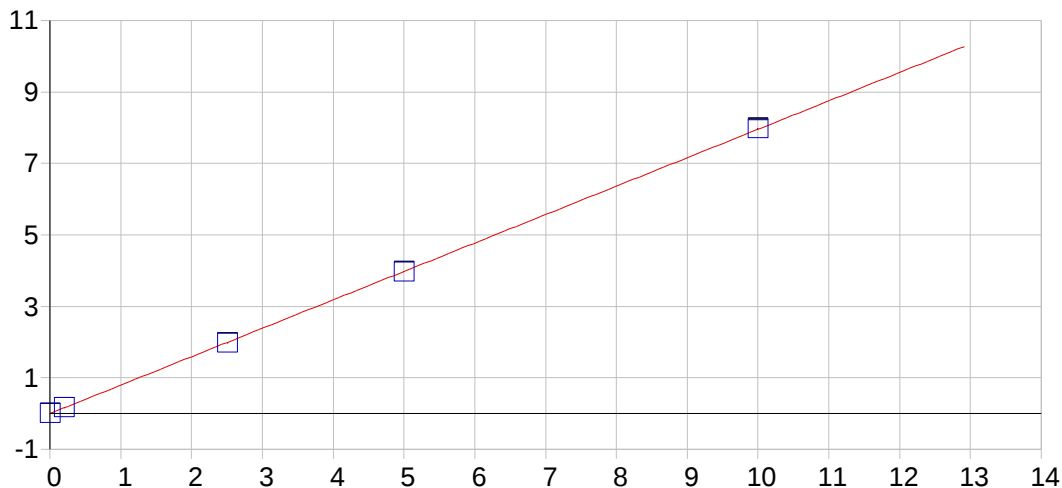
Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004271 Re-Slope: 1.000000
 A1 (Gain): 0.010329 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866
 Std Error of Est: 0.000092
 Predicted MDL: 0.029275
 Predicted MQL: 0.097582

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1213	.121	6.06	.02618	.000	1
S0	.00000	-.00007	-.000	.000	.00427	.000	1
S3	12.500	12.208	-.292	-2.33	.13037	.000	1
S4	25.000	24.660	-.340	-1.36	.25897	.000	1
S5	50.000	50.511	.511	1.02	.52598	.011	1



Mo 202.030 {467}

Date of Fit: 6/14/2019 15:44:00

Type of Fit: Linear

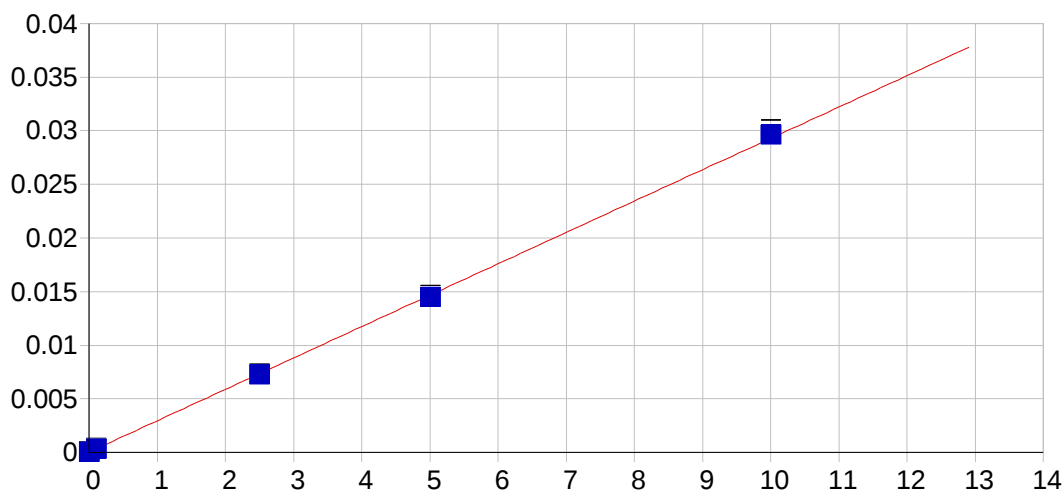
Weighting: 1/Conc

A0 (Offset): -0.000053
 A1 (Gain): 0.795516
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000538
 Predicted MDL: 0.000297
 Predicted MQL: 0.000991

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	-.00006	.000	1
S1	.20000	.21546	.015	7.73	.17135	.001	1
S3	2.5000	2.4840	-.016	-.639	1.9760	.005	1
S4	5.0000	4.9843	-.016	-.314	3.9650	.006	1
S5	10.000	10.016	.016	.162	7.9680	.023	1

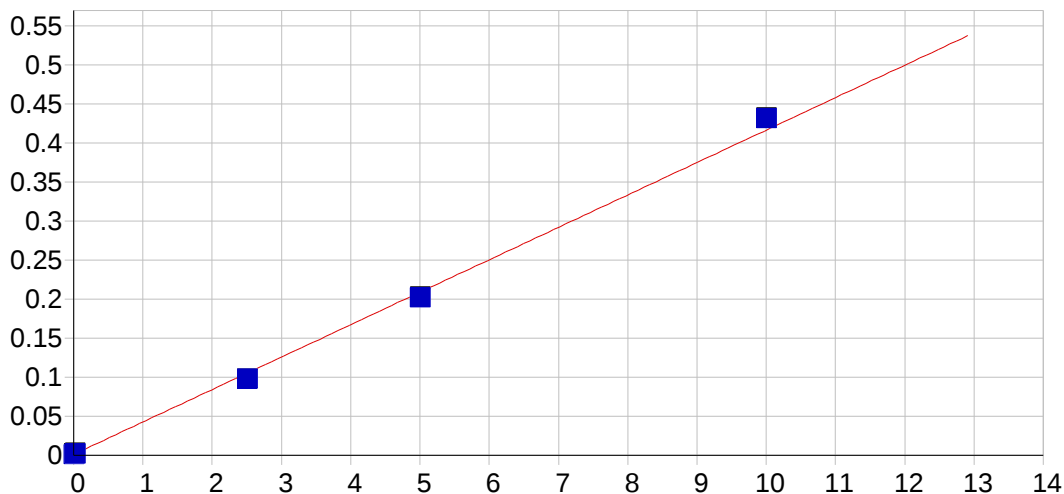


B 249.678 {135}

Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000026 Re-Slope: 1.000000
 A1 (Gain): 0.002927 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.011862
 Predicted MQL: 0.039541

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00003	.000	1
S1	.10000	.09686	-.003	-3.14	.00031	.000	1
S3	2.5000	2.4561	-.044	-1.76	.00720	.000	1
S4	5.0000	4.9381	-.062	-1.24	.01444	.000	1
S5	10.000	10.109	.109	1.09	.02954	.001	1



S 182.034 {485}

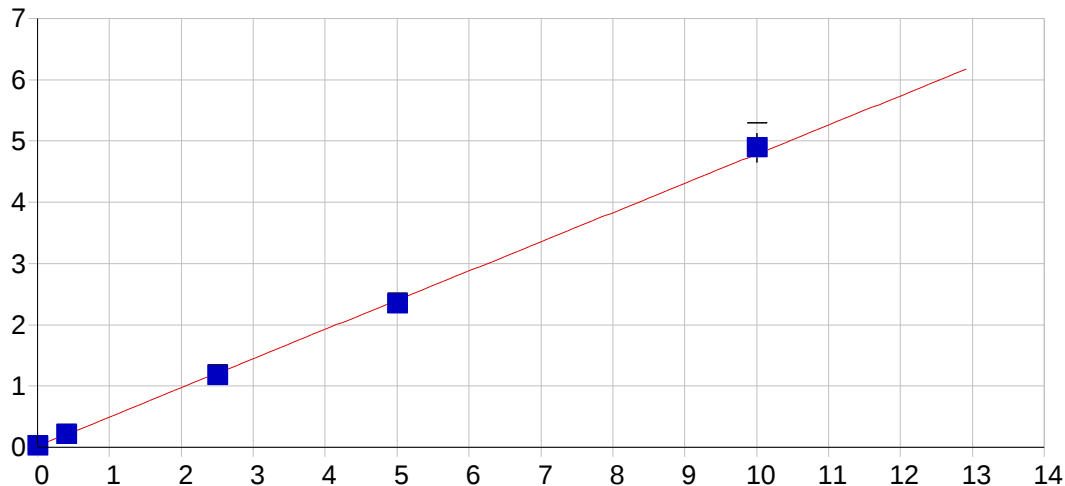
Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001169 Re-Slope: 1.000000
 A1 (Gain): 0.041561 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999043
 Std Error of Est: 0.000044
 Predicted MDL: 0.003596
 Predicted MQL: 0.011987

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00117	.000	1
S1	.02000	.01632	-.004	-18.4	.00182	.000	1
S3	2.5000	2.3132	-.187	-7.47	.09719	.001	1
S4	5.0000	4.8293	-.171	-3.41	.20164	.001	1
S5	10.000	10.361	.361	3.61	.43132	.000	1



Si 288.158 {117}

Date of Fit: 6/14/2019 15:44:00

Type of Fit: Linear

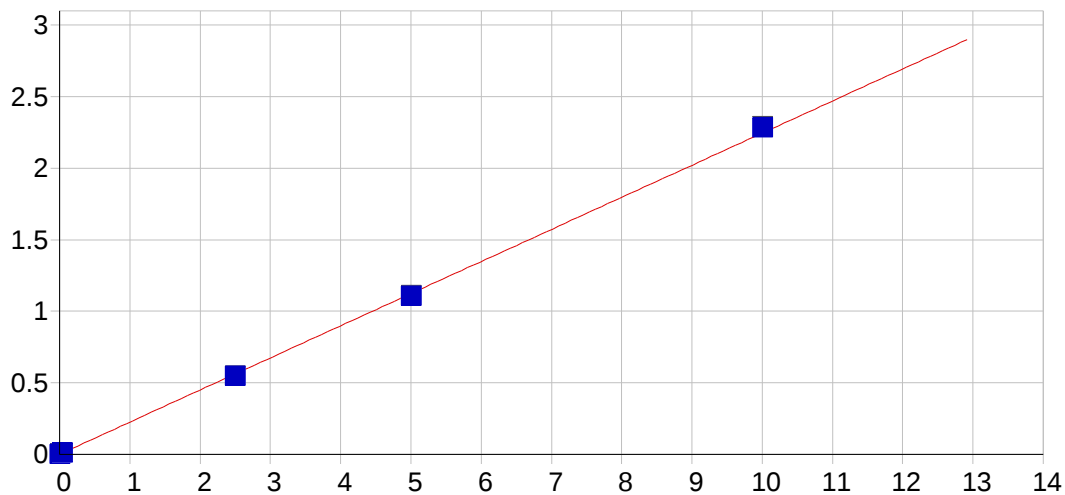
Weighting: 1/Conc

A0 (Offset): 0.018329
 A1 (Gain): 0.476619
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999689
 Std Error of Est: 0.001298
 Predicted MDL: 0.002268
 Predicted MQL: 0.007561

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	.01834	.000	1
S1	.40000	.38948	-.011	-2.63	.20380	.000	1
S3	2.5000	2.4202	-.080	-3.19	1.1712	.011	1
S4	5.0000	4.8693	-.131	-2.61	2.3379	.013	1
S5	10.000	10.221	.221	2.21	4.8874	.243	1

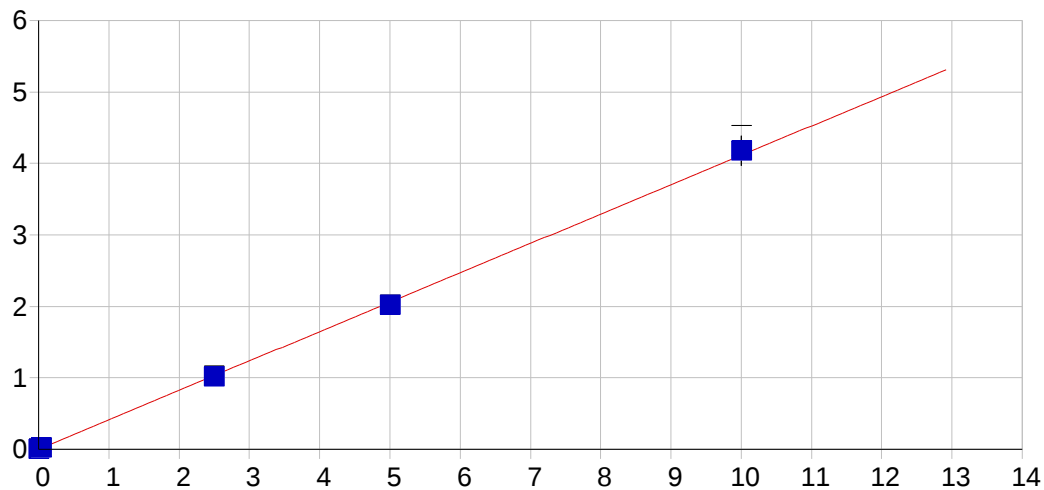


Sn 189.989 {477}

Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001417 Re-Slope: 1.000000
 A1 (Gain): 0.224404 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999797 Status: OK.
 Std Error of Est: 0.000155
 Predicted MDL: 0.000727
 Predicted MQL: 0.002423

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00142	.000	1
S1	.04000	.03756	-.002	-6.11	.00984	.000	1
S3	2.5000	2.4170	-.083	-3.32	.54391	.001	1
S4	5.0000	4.9169	-.083	-1.66	1.1050	.003	1
S5	10.000	10.169	.169	1.69	2.2837	.006	1



Ti 336.121 {100}

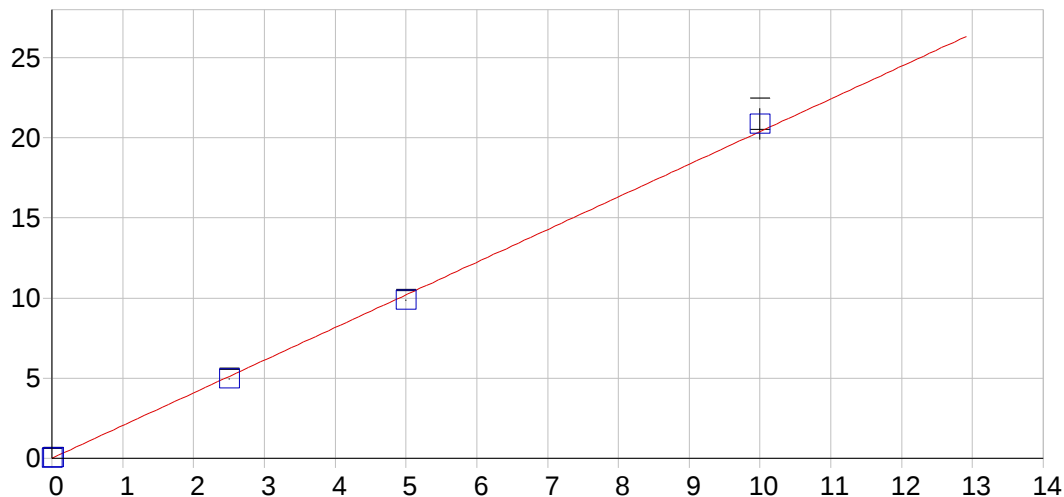
Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003726 Re-Slope: 1.000000
 A1 (Gain): 0.410939 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833
 Std Error of Est: 0.000256
 Predicted MDL: 0.001640
 Predicted MQL: 0.005467

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00373	.000	1
S1	.04000	.04179	.002	4.49	.02089	.001	1
S3	2.5000	2.4562	-.044	-1.75	1.0129	.005	1
S4	5.0000	4.8865	-.114	-2.27	2.0115	.003	1
S5	10.000	10.156	.156	1.56	4.1765	.210	1



Li 670.784 { 50}

Date of Fit: 6/14/2019 15:44:00

Type of Fit: Linear

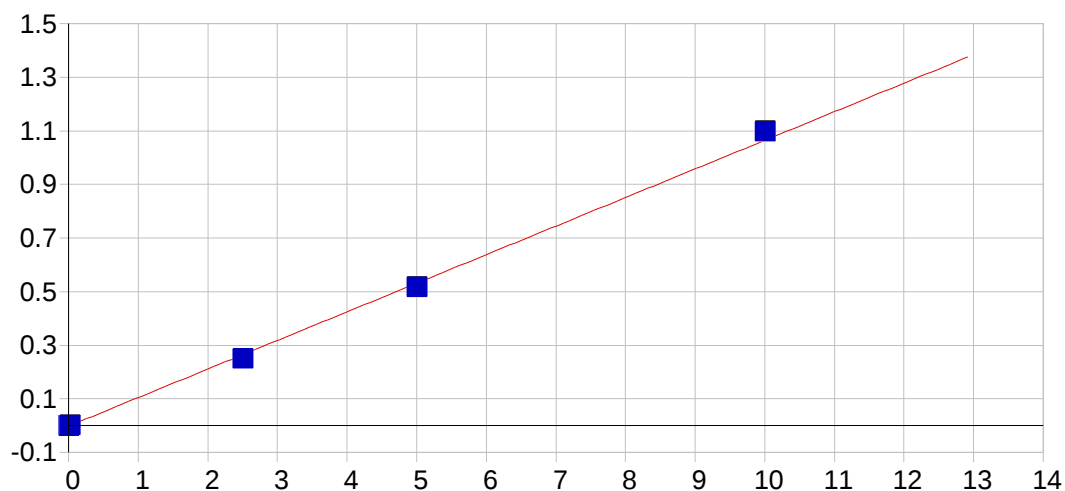
Weighting: 1/Conc

A0 (Offset): 0.007434
 A1 (Gain): 2.038502
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999643
 Std Error of Est: 0.001316
 Predicted MDL: 0.001509
 Predicted MQL: 0.005029

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	.00744	.001	1
S1	.02000	.01886	-.001	-5.70	.04588	.002	1
S3	2.5000	2.4307	-.069	-2.77	4.9624	.035	1
S4	5.0000	4.8390	-.161	-3.22	9.8718	.037	1
S5	10.000	10.231	.231	2.31	20.864	.991	1



P 177.495 {490}

Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002235 Re-Slope: 1.000000
 A1 (Gain): 0.106661 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999378 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.001613
 Predicted MQL: 0.005378

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00224	.000	1
S1	.02000	.02019	.000	.927	-.00009	.000	1
S3	2.5000	2.3551	-.145	-5.80	.24857	.001	1
S4	5.0000	4.8487	-.151	-3.03	.51416	.001	1
S5	10.000	10.296	.296	2.96	1.0944	.003	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

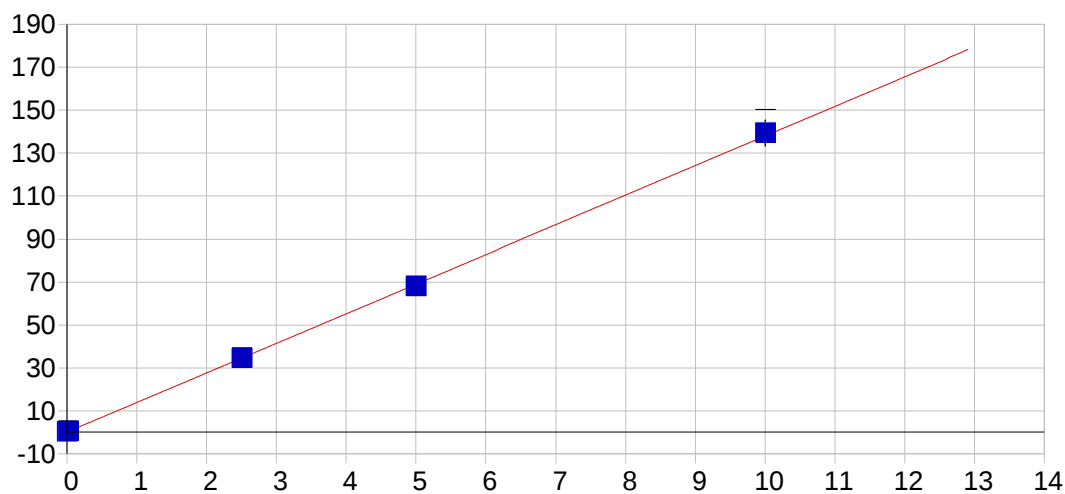
Status: Warning Zero Gain

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: 6/14/2019 15:44:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001340

Re-Slope: 1.000000

A1 (Gain): 13.802807

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999927

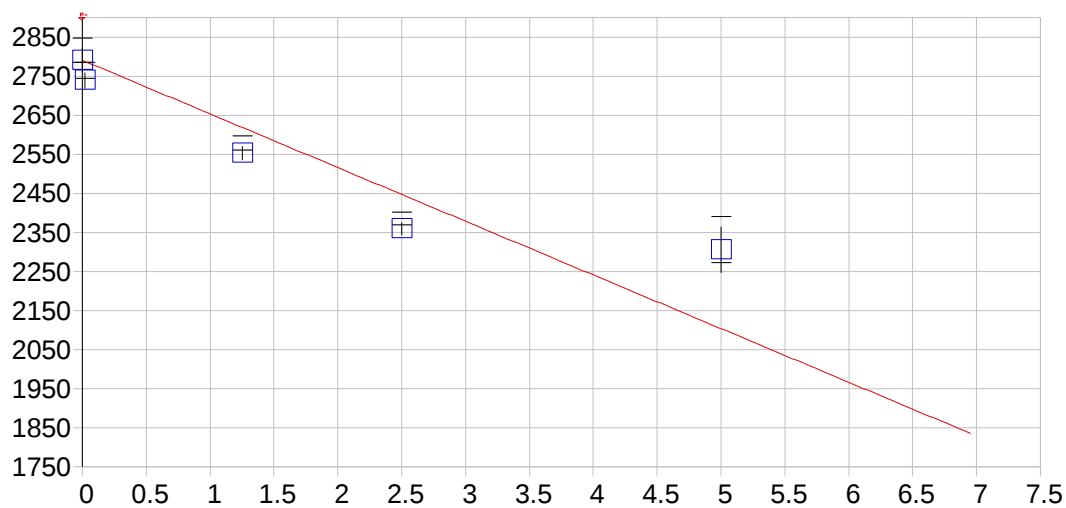
Status: OK.

Std Error of Est: 0.004028

Predicted MDL: 0.000090

Predicted MQL: 0.000300

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00137	.002	1
S1	.02000	.02207	.002	10.3	.30476	.001	1
S3	2.5000	2.4863	-.014	-.548	34.355	.226	1
S4	5.0000	4.9171	-.083	-1.66	67.944	.191	1
S5	10.000	10.095	.095	.945	139.48	6.18	1

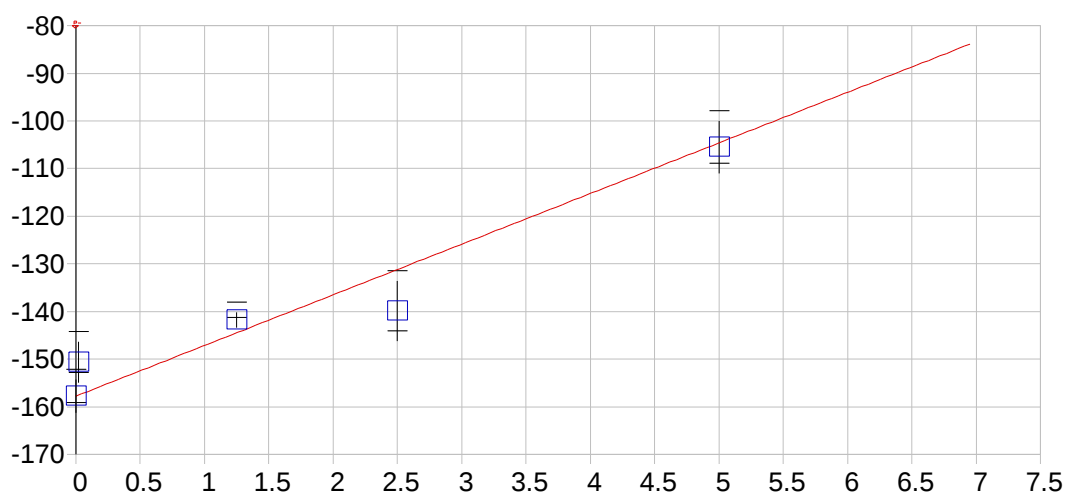


U 367.007 { 92 }

Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2790.655601 Re-Slope: 1.000000
A1 (Gain): -137.406487 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.743012 Status: Warning Negative Gain
Std Error of Est: 2.115075
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00036	-.000	.000	2790.7	31.1	1
S1	.02000	.37580	.356	1780.	2739.0	20.4	1
S3	1.2500	1.7296	.480	38.4	2553.0	17.8	1
S4	2.5000	3.1364	.636	25.5	2359.7	15.9	1
S5	5.0000	3.5282	-1.47	-29.4	2305.9	59.0	1



U 385.958 { 87}

Date of Fit: 6/14/2019 15:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -157.768275 Re-Slope: 1.000000
 A1 (Gain): 10.629822 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.540150 Status: OK.
 Std Error of Est: 0.283015
 Predicted MDL: 0.971371
 Predicted MQL: 3.237902

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00064	-.001	.000	-157.78	3.48	1
S1	.02000	.66718	.647	3240.	-150.68	4.28	1
S3	1.2500	1.5080	.258	20.6	-141.74	1.60	1
S4	2.5000	1.6781	-.822	-32.9	-139.93	6.33	1
S5	5.0000	4.9168	-.083	-1.66	-105.50	5.48	1

Sample Name: S0 Acquired: 6/14/2019 12:17:17 Type: Cal
Method: P4-ICP2(v3199) 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	.00078	-.00009	.00789	-.00049	.00095	.00038	.00084	-.00032
Stddev	.00006	.00025	.00005	.00030	.00024	.00005	.00019	.00004
%RSD	7.6520	288.62	.68519	61.124	25.035	13.038	23.100	11.210

#1	.00085	.00002	.00785	-.00080	.00120	.00041	.00068	-.00034
#2	.00076	-.00037	.00787	-.00048	.00093	.00032	.00078	-.00035
#3	.00074	.00009	.00795	-.00020	.00073	.00041	.00105	-.00028

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	-.00469	.00010	.00000	-.00025	.01140	.00160	.00031	-.00005
Stddev	.00017	.00005	.00011	.00033	.00058	.00011	.00006	.00007
%RSD	3.6054	50.203	2786.7	130.23	5.1083	6.7779	18.660	134.69

#1	-.00452	.00013	-.00005	-.00040	.01173	.00161	.00030	-.00001
#2	-.00468	.00013	.00013	.00012	.01073	.00149	.00026	-.00001
#3	-.00486	.00004	-.00007	-.00047	.01175	.00170	.00038	-.00013

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	-.00968	.00048	.00332	-.00014	.00641	.00427	-.00006	.00003
Stddev	.00025	.00009	.00028	.00008	.00031	.00013	.00009	.00002
%RSD	2.6109	19.856	8.5509	59.179	4.8108	2.9594	140.85	65.190

#1	-.00967	.00038	.00299	-.00023	.00662	.00439	.00003	.00002
#2	-.00994	.00057	.00351	-.00008	.00656	.00428	-.00014	.00004
#3	-.00943	.00047	.00346	-.00010	.00606	.00414	-.00008	.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	.00117	.01834	.00142	.00373	.00744	-.0022	-.00137	2790.7
Stddev	.00011	.00019	.00002	.00005	.00137	.0001	.00151	31.1
%RSD	9.6071	1.0160	1.6309	1.3872	18.363	4.067	110.57	1.1139

#1	.00110	.01813	.00141	.00373	.00722	-.0023	-.00159	2781.9
#2	.00130	.01843	.00140	.00367	.00890	-.0023	.00024	2825.2
#3	.00111	.01847	.00144	.00378	.00619	-.0021	-.00275	2765.0

Sample Name: S0 Acquired: 6/14/2019 12:17:17 Type: Cal
 Method: P4-ICP2(v3199) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-157.78
Stddev	3.48
%RSD	2.2042

#1	-160.69
#2	-158.71
#3	-153.93

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2495.5	35797.	3559.8	59.700	2679.2
Stddev	3.9	56.	26.0	.691	4.6
%RSD	.15703	.15607	.73156	1.1576	.17154

#1	2499.4	35858.	3542.5	59.892	2683.9
#2	2495.4	35748.	3589.8	58.933	2678.9
#3	2491.6	35785.	3547.2	60.275	2674.7

Sample Name: S1 Acquired: 6/14/2019 12:21:44 Type: Cal
Method: P4-ICP2(v3199) 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	.00203	.00751	.01255	.00139	.01008	.00122	.06876	.00653
Stddev	.00009	.00019	.00033	.00025	.00017	.00006	.00056	.00017
%RSD	4.5604	2.5942	2.6146	17.915	1.6638	5.1788	.80813	2.6413
#1	.00209	.00769	.01237	.00156	.00989	.00129	.06887	.00666
#2	.00193	.00730	.01293	.00111	.01018	.00121	.06925	.00633
#3	.00209	.00753	.01235	.00151	.01018	.00117	.06815	.00660
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	.02451	.00287	.04692	.03269	.01516	.03181	.02890	.00337
Stddev	.00024	.00007	.00041	.00049	.00004	.00014	.00032	.00014
%RSD	.99083	2.5096	.87194	1.5006	.25158	.42622	1.1169	4.0324
#1	.02476	.00295	.04718	.03216	.01518	.03166	.02853	.00330
#2	.02449	.00284	.04645	.03277	.01518	.03183	.02903	.00353
#3	.02427	.00281	.04713	.03313	.01511	.03193	.02913	.00328
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	.01094	.13376	.17135	.00031	.00182	.20380	.00984	.02089
Stddev	.00022	.00031	.00062	.00003	.00024	.00028	.00016	.00102
%RSD	2.0483	.23082	.36468	11.011	13.217	.13523	1.6357	4.9058
#1	.01109	.13404	.17179	.00029	.00210	.20380	.00967	.01972
#2	.01068	.13342	.17162	.00035	.00168	.20408	.00999	.02135
#3	.01104	.13381	.17063	.00029	.00168	.20353	.00988	.02161
Elem	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.04588	-.0001	.30476	2739.0	-150.68			
Stddev	.00154	.0001	.00052	20.4	4.28			
%RSD	3.3606	118.8	.17180	.74367	2.8395			
#1	.04500	.0000	.30425	2761.0	-146.32			
#2	.04497	-.0002	.30473	2735.2	-150.83			
#3	.04766	-.0001	.30529	2720.9	-154.88			

Sample Name: S1 Acquired: 6/14/2019 12:21:44 Type: Cal
Method: P4-ICP2(v3199) 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	2487.0	35800.	3573.0	61.656	2667.2
Stddev	10.6	43.	9.7	1.347	6.8
%RSD	.42475	.11948	.27253	2.1841	.25646
#1	2482.2	35751.	3563.1	61.250	2660.8
#2	2479.8	35820.	3582.6	63.158	2666.6
#3	2499.2	35830.	3573.3	60.558	2674.4

Sample Name: S2 Acquired: 6/14/2019 12:26:22 Type: Cal
Method: P4-ICP2(v3199) 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	.01285	.00170	.08732	.02618
Stddev	.00005	.00005	.00025	.00020
%RSD	.36698	2.8699	.28507	.76123

#1	.01287	.00169	.08713	.02636
#2	.01287	.00166	.08721	.02597
#3	.01279	.00176	.08760	.02621

Int. Std.	Y_3600
Units	Cts/S
Avg	36001.
Stddev	149.
%RSD	.41294

#1	35876.
#2	36166.
#3	35961.

Sample Name: S3 Acquired: 6/14/2019 12:30:37 Type: Cal
Method: P4-ICP2(v3199) 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	.16862	.45177	.95175	.20772	.43672	.03932	3.1735	.13093
Stddev	.00033	.00054	.00166	.00030	.00094	.00029	.0058	.00014
%RSD	.19533	.11927	.17488	.14298	.21493	.73418	.18271	.10893

#1	.16858	.45119	.94983	.20778	.43722	.03911	3.1726	.13085
#2	.16830	.45226	.95264	.20739	.43564	.03965	3.1797	.13109
#3	.16896	.45185	.95277	.20798	.43730	.03919	3.1682	.13084

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.9411	.07390	.13707	1.9461	.61932	.32010	1.7424	.00998
Stddev	.0091	.00053	.00038	.0018	.00102	.00088	.0011	.00006
%RSD	.15318	.71155	.27745	.09177	.16508	.27475	.06309	.58595

#1	5.9359	.07331	.13671	1.9442	.61817	.31922	1.7430	.00992
#2	5.9516	.07433	.13747	1.9477	.61968	.32098	1.7431	.01004
#3	5.9357	.07405	.13703	1.9465	.62012	.32011	1.7412	.00998

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	1.1392	.18275	.48675	.33396	3.9414	.13037	1.9760	.00720
Stddev	.0021	.00039	.00076	.00060	.0097	.00043	.0046	.00007
%RSD	.18713	.21495	.15669	.17973	.24633	.33215	.23237	.92340

#1	1.1375	.18317	.48655	.33447	3.9306	.12992	1.9733	.00720
#2	1.1385	.18269	.48611	.33330	3.9441	.13079	1.9734	.00713
#3	1.1416	.18239	.48759	.33412	3.9495	.13039	1.9813	.00726

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	.09719	1.1712	.54391	1.0129	4.9624	.2486	34.355	2553.0
Stddev	.00052	.0110	.00099	.0046	.0349	.0006	.226	17.8
%RSD	.53083	.93720	.18223	.45733	.70262	.2422	.65640	.69626

#1	.09665	1.1799	.54288	1.0183	5.0007	.2479	34.592	2534.6
#2	.09724	1.1589	.54485	1.0103	4.9324	.2488	34.143	2570.1
#3	.09768	1.1748	.54400	1.0102	4.9542	.2490	34.329	2554.3

Sample Name: S3 Acquired: 6/14/2019 12:30:37 Type: Cal
 Method: P4-ICP2(v3199) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-141.74
Stddev	1.60
%RSD	1.1298

#1	-139.90
#2	-142.47
#3	-142.84

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2439.5	34951.	3582.5	58.343	2493.1
Stddev	6.3	99.	22.0	1.623	1.3
%RSD	.25841	.28316	.61489	2.7809	.05218

#1	2435.4	34985.	3558.3	58.132	2491.9
#2	2446.8	34840.	3601.4	56.837	2494.4
#3	2436.4	35029.	3587.9	60.061	2492.9

Sample Name: S4 Acquired: 6/14/2019 12:34:38 Type: Cal
Method: P4-ICP2(v3199) 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	.34079	.91125	1.9220	.41658	.88375	.07930	6.3902	.26320
Stddev	.00089	.00160	.0028	.00090	.00180	.00007	.0159	.00022
%RSD	.26030	.17607	.14514	.21494	.20408	.09038	.24873	.08385
#1	.34155	.91225	1.9235	.41673	.88464	.07923	6.4038	.26296
#2	.34100	.90940	1.9236	.41562	.88493	.07931	6.3941	.26325
#3	.33982	.91209	1.9187	.41739	.88167	.07937	6.3728	.26339
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	12.116	.14815	.27085	3.9600	1.2182	.62947	3.4747	.02018
Stddev	.016	.00031	.00052	.0052	.0013	.00131	.0015	.00006
%RSD	.13573	.20838	.19097	.13174	.10432	.20800	.04231	.27360
#1	12.126	.14780	.27126	3.9610	1.2191	.63069	3.4731	.02014
#2	12.125	.14835	.27102	3.9647	1.2188	.62963	3.4748	.02016
#3	12.097	.14831	.27027	3.9544	1.2167	.62809	3.4761	.02024
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.3010	.36172	.97188	.66688	8.0333	.25897	3.9650	.01444
Stddev	.0026	.00121	.00175	.00160	.0168	.00026	.0057	.00015
%RSD	.11471	.33487	.17956	.23970	.20966	.10189	.14361	1.0684
#1	2.3022	.36259	.97378	.66638	8.0421	.25927	3.9712	.01426
#2	2.3028	.36224	.97151	.66867	8.0439	.25879	3.9639	.01452
#3	2.2979	.36034	.97035	.66560	8.0138	.25885	3.9600	.01454
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	.20164	2.3379	1.1050	2.0115	9.8718	.5142	67.944	2359.7
Stddev	.00094	.0133	.0025	.0031	.0368	.0015	.191	15.9
%RSD	.46746	.57056	.22950	.15596	.37294	.2822	.28093	.67212
#1	.20273	2.3393	1.1067	2.0083	9.9052	.5158	68.161	2371.0
#2	.20112	2.3238	1.1062	2.0117	9.8323	.5137	67.803	2366.5
#3	.20108	2.3504	1.1021	2.0145	9.8779	.5130	67.869	2341.6

Sample Name: S4 Acquired: 6/14/2019 12:34:38 Type: Cal
Method: P4-ICP2(v3199) Mode: IR Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-139.93
Stddev	6.33
%RSD	4.5202

#1	-146.19
#2	-133.54
#3	-140.06

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2375.9	34436.	3576.9	57.228	2375.1
Stddev	7.1	130.	20.0	1.359	7.9
%RSD	.29772	.37717	.55824	2.3749	.33249

#1	2370.6	34286.	3556.1	55.986	2368.5
#2	2373.3	34508.	3595.9	58.680	2372.9
#3	2383.9	34514.	3578.7	57.019	2383.8

Sample Name: S5 Acquired: 6/14/2019 12:38:38 Type: Cal
Method: P4-ICP2(v3199) 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	.69496	1.8531	3.9510	.84671	1.7945	.16172	12.624	.52323
Stddev	.00252	.0050	.0066	.00132	.0032	.00362	.306	.00873
%RSD	.36274	.26829	.16809	.15587	.17766	2.2385	2.4252	1.6689

#1	.69205	1.8477	3.9437	.84530	1.7913	.15757	12.277	.51315
#2	.69625	1.8542	3.9526	.84693	1.7946	.16338	12.738	.52810
#3	.69657	1.8574	3.9566	.84791	1.7977	.16421	12.856	.52844

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	25.079	.29893	.53362	8.2147	2.4158	1.2332	6.7756	.04091
Stddev	.046	.00611	.00977	.0204	.0088	.0214	.1202	.00085
%RSD	.18380	2.0432	1.8303	.24869	.36244	1.7345	1.7733	2.0849

#1	25.036	.29210	.52234	8.1926	2.4085	1.2085	6.6369	.03992
#2	25.075	.30084	.53926	8.2184	2.4134	1.2458	6.8447	.04138
#3	25.128	.30386	.53925	8.2330	2.4255	1.2453	6.8453	.04142

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.7577	.72079	1.9870	1.3274	16.619	.52598	7.9680	.02954
Stddev	.0089	.01169	.0383	.0239	.050	.01052	.0228	.00050
%RSD	.18603	1.6224	1.9255	1.8034	.30213	1.9998	.28568	1.7032

#1	4.7479	.70736	1.9430	1.2998	16.567	.51386	7.9550	.02897
#2	4.7600	.72636	2.0059	1.3399	16.622	.53275	7.9548	.02992
#3	4.7651	.72867	2.0122	1.3425	16.667	.53132	7.9943	.02973

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	.43132	4.8874	2.2837	4.1765	20.864	1.094	139.48	2305.9
Stddev	.00032	.2425	.0061	.2101	.991	.003	6.18	59.0
%RSD	.07476	4.9626	.26780	5.0299	4.7521	.2711	4.4320	2.5592

#1	.43120	4.7834	2.2778	4.0935	20.490	1.091	137.05	2372.1
#2	.43107	4.7141	2.2831	4.0206	20.114	1.096	134.89	2258.9
#3	.43168	5.1646	2.2900	4.4154	21.988	1.096	146.51	2286.6

Sample Name: S5 Acquired: 6/14/2019 12:38:38 Type: Cal
 Method: P4-ICP2(v3199) Mode: IR Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-105.50
Stddev	5.48
%RSD	5.1985

#1	-99.571
#2	-106.55
#3	-110.39

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2307.3	34118.	3468.7	54.667	2218.5
Stddev	6.8	568.	158.2	1.093	4.5
%RSD	.29310	1.6652	4.5594	1.9985	.20271

#1	2309.9	34774.	3526.3	55.569	2221.5
#2	2312.4	33792.	3589.9	54.980	2220.8
#3	2299.6	33788.	3289.8	53.453	2213.4

Sample Name: ICV01 Acquired: 6/14/2019 12:55:02 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0134	1.0227	.99741	1.0116	1.0031	2.5239	.51027
Stddev	.0048	.0035	.00213	.0057	.0038	.0160	.00135
%RSD	.47183	.34585	.21328	.56834	.37745	.63325	.26524

#1	1.0106	1.0203	.99543	1.0056	1.0050	2.5071	.50878
#2	1.0189	1.0268	.99966	1.0170	.99869	2.5257	.51142
#3	1.0108	1.0211	.99714	1.0122	1.0054	2.5389	.51062

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49374	.47903	F 10.579	.50835	.49580	.51468	5.1789
Stddev	.00126	.00077	.116	.00299	.00054	.00145	.0075
%RSD	.25601	.15993	1.0949	.58829	.10883	.28133	.14544

#1	.49261	.47832	10.446	.51022	.49535	.51359	5.1863
#2	.49351	.47893	10.633	.50490	.49565	.51412	5.1712
#3	.49511	.47984	10.658	.50992	.49640	.51632	5.1792

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51983	5.9287	.49868	.51521	9.9023	.50000	.97758
Stddev	.00107	.0586	.00073	.00155	.0463	.00175	.00302
%RSD	.20648	.98822	.14607	.30159	.46761	.34927	.30885

#1	.51859	5.8636	.49808	.51345	9.8489	.49810	.97567
#2	.52054	5.9454	.49846	.51641	9.9278	.50153	.97601
#3	.52035	5.9772	.49949	.51577	9.9303	.50038	.98106

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.037	F 2.6311	2.5593	F .00259	2.6147	2.4681	2.4794
Stddev	.045	.0073	.0234	.00592	.0997	.0052	.1151
%RSD	.45199	.27927	.91396	228.65	3.8125	.20914	4.6418

#1	9.9899	2.6233	2.5854	-.00353	2.5003	2.4625	2.3467
#2	10.080	2.6319	2.5525	.00829	2.6608	2.4693	2.5392
#3	10.040	2.6379	2.5401	.00301	2.6830	2.4726	2.5522

Sample Name: ICV01 Acquired: 6/14/2019 12:55:02 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00312	F -.0015	F .00588	F 2.9393	F 2.6849
Stddev	.00077	.0015	.00051	.0101	.7434
%RSD	24.687	104.1	8.7479	.34398	27.688
#1	-.00263	-.0026	.00529	2.9477	3.4068
#2	-.00400	-.0021	.00611	2.9422	1.9218
#3	-.00272	.0003	.00623	2.9281	2.7262
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2408.2	35538.	3745.2	62.821	2552.8
Stddev	1.5	107.	142.7	2.987	3.3
%RSD	.06068	.29980	3.8111	4.7554	.12845
#1	2406.7	35417.	3909.4	66.241	2549.1
#2	2408.1	35580.	3675.4	60.720	2554.0
#3	2409.6	35616.	3650.7	61.503	2555.3

Sample Name: LLICV01 Acquired: 6/14/2019 13:00:37 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02089	.04138	.01308	.02231	.05317	.09297	.10825
Stddev	.00175	.00098	.00079	.00215	.00097	.00770	.00094
%RSD	8.3866	2.3627	6.0328	9.6558	1.8313	8.2861	.86974

#1	.02278	.04205	.01397	.02134	.05214	.08407	.10927
#2	.02057	.04184	.01281	.02478	.05408	.09732	.10741
#3	.01932	.04026	.01247	.02082	.05328	.09751	.10807

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00657	.00581	2.0045	.01041	.02969	.02267	.11012
Stddev	.00011	.00004	.0159	.00012	.00008	.00035	.00055
%RSD	1.6578	.67576	.79524	1.1455	.26458	1.5308	.50253

#1	.00668	.00577	1.9896	.01041	.02965	.02282	.11072
#2	.00657	.00581	2.0213	.01030	.02964	.02227	.11001
#3	.00646	.00585	2.0026	.01054	.02978	.02292	.10963

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02330	2.0948	.04045	.01031	2.0559	.04177	.03936
Stddev	.00004	.0640	.00017	.00041	.0155	.00029	.00014
%RSD	.17179	3.0533	.42107	3.9606	.75530	.68715	.35631

#1	.02332	2.0315	.04041	.01077	2.0731	.04162	.03941
#2	.02332	2.1594	.04031	.01014	2.0431	.04160	.03921
#3	.02325	2.0934	.04064	.01001	2.0514	.04210	.03948

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0669	.21903	.11246	F .01432	.40364	.04138	.04214
Stddev	.0133	.00159	.00458	.00233	.00340	.00090	.00120
%RSD	.64378	.72615	4.0709	16.292	.84243	2.1702	2.8459

#1	2.0614	.22072	.11140	.01362	.40073	.04242	.04352
#2	2.0573	.21755	.10851	.01692	.40738	.04087	.04160
#3	2.0821	.21883	.11748	.01241	.40282	.04085	.04131

Sample Name: LLICV01 Acquired: 6/14/2019 13:00:37 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01766	.0181	.02202	F 2.5168	F<.00000
Stddev	.00247	.0015	.00013	.0190	.08086
%RSD	13.994	8.221	.58530	.75515	11.888

#1	.01783	.0164	.02205	2.4977	-.58715
#2	.02005	.0190	.02213	2.5168	-.71962
#3	.01511	.0189	.02188	2.5358	-.73372

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2449.5	35955.	3618.0	61.128	2662.7
Stddev	13.0	159.	5.7	1.383	13.5
%RSD	.52878	.44225	.15844	2.2616	.50550

#1	2438.7	35778.	3618.8	61.583	2657.4
#2	2463.9	35999.	3612.0	59.575	2678.0
#3	2446.0	36087.	3623.4	62.225	2652.6

Sample Name: ICB01 Acquired: 6/14/2019 13:05:04 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00427	.00021	-.00074	-.00077	.00065	-.00686	-.00004
Stddev	.00326	.00115	.00048	.00078	.00132	.00329	.00021
%RSD	76.238	538.93	64.543	100.94	202.76	47.984	534.48

#1	-.00737	-.00026	-.00113	.00008	.00190	-.00724	.00017
#2	-.00458	-.00063	-.00090	-.00096	.00079	-.00339	-.00025
#3	-.00087	.00152	-.00021	-.00143	-.00073	-.00994	-.00003

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00007	.02045	.00031	-.00002	-.00012	-.00006
Stddev	.00003	.00002	.00435	.00035	.00012	.00029	.00020
%RSD	108.70	31.584	21.284	111.02	582.85	230.93	312.98

#1	.00001	-.00005	.01771	.00064	-.00005	-.00042	.00006
#2	.00005	-.00009	.01818	.00034	-.00013	.00016	.00004
#3	.00000	-.00007	.02547	-.00005	.00011	-.00011	-.00029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.01669	-.00026	-.00039	-.01884	-.00026	-.00073
Stddev	.00001	.03218	.00052	.00024	.00573	.00034	.00008
%RSD	10.945	192.76	203.14	61.147	30.438	131.67	10.886

#1	.00008	.00122	.00027	-.00066	-.01540	-.00065	-.00065
#2	.00008	-.00483	-.00027	-.00019	-.02546	-.00004	-.00074
#3	.00009	.05368	-.00078	-.00034	-.01566	-.00009	-.00081

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	.00044	-.01214	-.00662	.00131	.00022	-.00048
Stddev	.00679	.00014	.01499	.00330	.00190	.00126	.00156
%RSD	696.37	32.897	123.53	49.843	145.19	579.35	323.45

#1	-.00530	.00040	-.00110	-.00426	.00013	.00090	-.00182
#2	.00819	.00060	-.02921	-.01039	.00351	.00099	.00123
#3	.00004	.00032	-.00610	-.00521	.00030	-.00123	-.00086

Sample Name: ICB01 Acquired: 6/14/2019 13:05:04 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00238	-.0013	-.00010	F 2.3496	F<.00000
Stddev	.00137	.0011	.00005	.1380	.36391
%RSD	57.401	80.08	45.190	5.8722	37.941
#1	-.00396	-.0006	-.00014	2.4770	-.64808
#2	-.00154	-.0026	-.00011	2.2031	-.87002
#3	-.00164	-.0008	-.00005	2.3689	-1.3593
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2457.7	36118.	3598.0	60.547	2672.9
Stddev	13.8	208.	11.8	.517	15.8
%RSD	.56106	.57536	.32814	.85425	.59099
#1	2442.4	35896.	3589.9	61.100	2656.6
#2	2461.8	36307.	3611.5	60.075	2673.9
#3	2469.0	36152.	3592.6	60.467	2688.1

Sample Name: CRI01 Acquired: 6/14/2019 13:09:33 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02101	.04170	.01223	.02008	.05318	.10470	.10816
Stddev	.00063	.00064	.00012	.00120	.00090	.00656	.00070
%RSD	3.0076	1.5357	.95825	5.9599	1.6856	6.2629	.64379

#1	.02168	.04236	.01211	.01995	.05315	.10215	.10780
#2	.02094	.04108	.01224	.01895	.05230	.09981	.10897
#3	.02042	.04165	.01235	.02133	.05409	.11215	.10772

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00657	.00585	2.0091	.01099	.02957	.02266	.10848
Stddev	.00010	.00002	.0085	.00046	.00032	.00022	.00053
%RSD	1.5197	.35289	.42381	4.2245	1.0783	.96128	.49249

#1	.00663	.00583	2.0167	.01046	.02931	.02247	.10879
#2	.00662	.00587	2.0107	.01135	.02948	.02262	.10879
#3	.00645	.00585	1.9999	.01114	.02993	.02290	.10787

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02336	2.0807	.04094	.01031	2.0554	.04132	.03909
Stddev	.00013	.0551	.00021	.00017	.0024	.00019	.00012
%RSD	.56640	2.6506	.52436	1.6520	.11498	.45380	.29697

#1	.02343	2.0219	.04071	.01035	2.0541	.04142	.03923
#2	.02345	2.0890	.04114	.01045	2.0581	.04143	.03902
#3	.02321	2.1313	.04096	.01012	2.0540	.04110	.03903

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0816	.21990	.10033	F .01291	.39928	.03910	.04196
Stddev	.0198	.00044	.00434	.00208	.00482	.00020	.00164
%RSD	.95184	.20137	4.3234	16.140	1.2067	.51700	3.9069

#1	2.1001	.21939	.09607	.01510	.39514	.03907	.04194
#2	2.0839	.22017	.10017	.01266	.40457	.03932	.04360
#3	2.0607	.22014	.10474	.01096	.39814	.03892	.04032

Sample Name: CRI01 Acquired: 6/14/2019 13:09:33 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01824	.0183	.02179	F 3.3193	F<.00000
Stddev	.00047	.0013	.00006	.1708	.85618
%RSD	2.5717	6.972	.25374	5.1465	127.42
#1	.01780	.0187	.02174	3.3339	-.69026
#2	.01874	.0169	.02178	3.1417	.19326
#3	.01817	.0194	.02185	3.4824	-1.5188
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2439.0	36204.	3621.6	62.933	2654.1
Stddev	6.3	127.	8.9	.912	5.2
%RSD	.25855	.34950	.24470	1.4498	.19711
#1	2446.2	36062.	3611.4	61.883	2660.2
#2	2434.3	36246.	3626.2	63.533	2651.1
#3	2436.6	36305.	3627.3	63.383	2651.1

Sample Name: ICSA01 Acquired: 6/14/2019 13:14:00 Type: Unk
Method: P4-ICP2(v3199) 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	.01728	-.00166	-.00185	-.01168	.00974	303.90	.00734	.00409
Stddev	.00536	.00186	.00205	.00428	.00200	2.08	.00037	.00005
%RSD	31.003	112.21	110.56	36.641	20.554	.68494	5.0139	1.3026
#1	.01379	-.00124	-.00047	-.01048	.00900	301.53	.00726	.00408
#2	.02345	-.00369	-.00088	-.00813	.00821	305.45	.00701	.00404
#3	.01460	-.00004	-.00421	-.01644	.01201	304.71	.00774	.00414
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00242	284.04	.05263	-.00046	.00380	100.83	.01603	293.73
Stddev	.00008	1.68	.00055	.00016	.00076	.71	.00012	1.61
%RSD	3.1657	.59309	1.0509	36.044	19.917	.70742	.77796	.54956
#1	-.00236	282.10	.05258	-.00063	.00464	100.04	.01597	291.88
#2	-.00251	284.90	.05321	-.00031	.00360	101.42	.01617	294.86
#3	-.00239	285.13	.05211	-.00042	.00316	101.04	.01594	294.45
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01322	-.00843	.04488	.00131	-.00760	.03989	-.00224	.04560
Stddev	.00058	.00067	.01913	.00034	.00027	.01062	.00016	.00877
%RSD	4.3529	7.9162	42.621	25.860	3.6143	26.626	7.0087	19.230
#1	-.01317	-.00905	.02631	.00142	-.00731	.02783	-.00218	.05280
#2	-.01267	-.00772	.06452	.00093	-.00763	.04398	-.00212	.04817
#3	-.01382	-.00852	.04382	.00159	-.00786	.04785	-.00242	.03584
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .02600	-.00605	.00514	-.00435	.00189	F .0317	-.00020	5.3276
Stddev	.00228	.00173	.00077	.00082	.00047	.0011	.00065	.0796
%RSD	8.7782	28.557	14.903	18.951	24.954	3.485	327.82	1.4935
#1	.02671	-.00725	.00428	-.00524	.00165	.0320	.00054	5.2486
#2	.02345	-.00407	.00536	-.00361	.00159	.0327	-.00070	5.3264
#3	.02784	-.00682	.00577	-.00420	.00244	.0305	-.00044	5.4077

Sample Name: ICSA01 Acquired: 6/14/2019 13:14:00 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	68.477
Stddev	.103
%RSD	.15086

#1	68.537
#2	68.538
#3	68.358

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2177.0	31798.	3487.1	55.128	2101.1
Stddev	11.1	69.	19.0	.311	6.9
%RSD	.50941	.21666	.54458	.56378	.32765

#1	2170.8	31839.	3465.3	55.356	2095.9
#2	2170.3	31719.	3499.1	55.253	2098.4
#3	2189.8	31837.	3497.1	54.774	2108.9

Sample Name: ICSAB01 Acquired: 6/14/2019 13:18:38 Type: Unk
Method: P4-ICP2(v3199) 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	.12457	.10845	.04874	.03980	.67996	292.78	.60693	.59379
Stddev	.00468	.00221	.00205	.00130	.00183	1.88	.00312	.00124
%RSD	3.7552	2.0399	4.2127	3.2607	.26857	.64166	.51468	.20811
#1	.12948	.11017	.04935	.03964	.67790	290.62	.60358	.59251
#2	.12407	.10595	.04645	.03859	.68062	293.70	.60745	.59498
#3	.12017	.10922	.05042	.04117	.68136	294.02	.60976	.59389
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0663	278.18	.60216	.54021	.53567	98.790	.57066	286.76
Stddev	.0019	1.11	.00086	.00072	.00139	.583	.00050	1.96
%RSD	.17352	.39765	.14205	.13386	.25916	.59050	.08765	.68220
#1	1.0683	276.91	.60117	.54038	.53676	99.022	.57010	284.83
#2	1.0648	278.66	.60262	.53942	.53411	99.221	.57080	286.70
#3	1.0657	278.97	.60269	.54084	.53614	98.126	.57107	288.74
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0504	.22237	.02650	.55164	1.1249	.03627	F .62994	F .69588
Stddev	.0028	.00162	.00630	.00121	.0026	.00992	.00116	.01668
%RSD	.26592	.72640	23.779	.21937	.23064	27.351	.18422	2.3970
#1	1.0518	.22330	.02716	.55028	1.1278	.04175	.63096	.69714
#2	1.0472	.22331	.03245	.55260	1.1237	.02482	.63018	.71190
#3	1.0522	.22051	.01990	.55204	1.1230	.04223	.62868	.67861
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .67470	.90701	F .63540	F .60798	F .61188	F .6705	F .38968	5.2500
Stddev	.01021	.00774	.00406	.00296	.00142	.0020	.00149	.0683
%RSD	1.5138	.85353	.63856	.48740	.23145	.2991	.38236	1.3005
#1	.66325	.91545	.63092	.61104	.61233	.6726	.39137	5.3201
#2	.67799	.90023	.63883	.60778	.61302	.6704	.38854	5.2462
#3	.68287	.90536	.63646	.60512	.61029	.6686	.38914	5.1837

Sample Name: ICSAB01 Acquired: 6/14/2019 13:18:38 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	66.396
Stddev	.864
%RSD	1.3016

#1	67.191
#2	65.476
#3	66.520

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2189.2	32102.	3552.0	57.081	2097.2
Stddev	9.5	78.	24.5	1.055	6.2
%RSD	.43251	.24317	.68837	1.8477	.29354

#1	2178.7	32160.	3527.5	56.084	2090.5
#2	2192.0	32014.	3552.1	56.972	2098.7
#3	2197.0	32133.	3576.4	58.185	2102.5

Sample Name: CCV01 Acquired: 6/14/2019 13:23:04 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0024	4.9842	4.9447	4.9870	5.0464	10.044	10.087	.25312
Stddev	.0110	.0152	.0040	.0251	.0117	.091	.067	.00029
%RSD	.22026	.30521	.08142	.50432	.23157	.91067	.66103	.11287
#1	5.0126	4.9729	4.9493	5.0089	5.0538	9.9596	10.020	.25345
#2	4.9907	5.0015	4.9419	4.9595	5.0330	10.141	10.153	.25297
#3	5.0039	4.9781	4.9429	4.9925	5.0525	10.030	10.088	.25295
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4531	24.656	.99786	2.4621	1.2796	5.0134	2.5577	24.523
Stddev	.0030	.082	.00048	.0006	.0041	.0104	.0058	.089
%RSD	.12163	.33176	.04784	.02242	.31959	.20755	.22584	.36325
#1	2.4565	24.575	.99754	2.4626	1.2830	5.0020	2.5517	24.421
#2	2.4520	24.739	.99841	2.4621	1.2751	5.0223	2.5633	24.567
#3	2.4508	24.656	.99764	2.4615	1.2806	5.0159	2.5580	24.583
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4479	1.2491	24.478	2.4833	2.4728	24.808	5.0799	4.9725
Stddev	.0044	.0008	.190	.0020	.0051	.102	.0107	.0059
%RSD	.18139	.06143	.77631	.07947	.20547	.41000	.21117	.11845
#1	2.4530	1.2500	24.300	2.4813	2.4784	24.710	5.0915	4.9714
#2	2.4458	1.2485	24.678	2.4834	2.4686	24.913	5.0703	4.9672
#3	2.4450	1.2489	24.457	2.4852	2.4712	24.801	5.0780	4.9788
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8721	4.8149	4.9094	4.8879	4.8574	4.920	4.8889	4.8468
Stddev	.0045	.0116	.0064	.0118	.0019	.015	.0083	.1273
%RSD	.09195	.24120	.12978	.24227	.03956	.2977	.17020	2.6260
#1	4.8673	4.8282	4.9146	4.8841	4.8583	4.903	4.8973	4.7644
#2	4.8728	4.8071	4.9023	4.9012	4.8552	4.930	4.8807	4.7826
#3	4.8762	4.8093	4.9114	4.8784	4.8587	4.926	4.8886	4.9933

Sample Name: CCV01 Acquired: 6/14/2019 13:23:04 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5180
Stddev	.8484
%RSD	55.885

#1	2.1398
#2	1.8628
#3	.55158

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2324.2	34438.	3575.3	58.418	2351.8
Stddev	9.6	57.	25.6	.928	6.3
%RSD	.41143	.16499	.71584	1.5883	.26884

#1	2314.8	34411.	3547.8	59.246	2344.9
#2	2333.9	34400.	3598.5	57.415	2357.2
#3	2324.1	34503.	3579.6	58.592	2353.4

Sample Name: LLCCV01 Acquired: 6/14/2019 13:33:19 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02005	.04150	.01231	.02044	.05382	.10536	.10896
Stddev	.00263	.00126	.00085	.00177	.00124	.00758	.00110
%RSD	13.090	3.0453	6.8809	8.6686	2.3019	7.1976	1.0138

#1	.01895	.04139	.01279	.01925	.05307	.10079	.10775
#2	.01816	.04281	.01133	.01959	.05314	.10117	.10923
#3	.02305	.04029	.01281	.02248	.05525	.11411	.10990

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00670	.00590	2.0247	.01103	.02981	.02340	.11102
Stddev	.00006	.00011	.0527	.00014	.00029	.00026	.00055
%RSD	.82540	1.8788	2.6046	1.2729	.96057	1.1044	.49664

#1	.00668	.00596	1.9677	.01117	.02981	.02326	.11042
#2	.00676	.00577	2.0346	.01104	.03009	.02370	.11150
#3	.00666	.00596	2.0718	.01089	.02952	.02325	.11115

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02361	2.0727	.04089	.01024	2.0438	.04224	.03924
Stddev	.00010	.0078	.00022	.00011	.0246	.00066	.00018
%RSD	.42260	.37553	.53265	1.0309	1.2040	1.5592	.44870

#1	.02350	2.0713	.04096	.01035	2.0155	.04206	.03935
#2	.02370	2.0657	.04065	.01024	2.0601	.04297	.03933
#3	.02361	2.0811	.04106	.01014	2.0558	.04169	.03904

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1032	.22097	.08697	F .01340	.38258	.03872	.04246
Stddev	.0361	.00112	.00360	.00425	.00446	.00137	.00135
%RSD	1.7167	.50639	4.1391	31.712	1.1656	3.5405	3.1716

#1	2.0735	.21984	.08441	.01300	.38761	.03896	.04140
#2	2.0927	.22208	.08542	.00936	.38103	.03995	.04200
#3	2.1434	.22100	.09109	.01783	.37910	.03724	.04398

Sample Name: LLCCV01 Acquired: 6/14/2019 13:33:19 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01756	.0172	.02186	F 3.6640	F<.00000
Stddev	.00075	.0028	.00020	.2673	.50507
%RSD	4.2559	16.09	.93562	7.2942	31.214

#1	.01672	.0187	.02180	3.4743	-1.0605
#2	.01816	.0188	.02209	3.5481	-1.7487
#3	.01780	.0140	.02170	3.9697	-2.0450

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2432.9	35962.	3613.1	61.022	2645.7
Stddev	8.4	102.	24.8	1.313	9.1
%RSD	.34695	.28412	.68587	2.1510	.34440

#1	2434.5	36061.	3586.4	59.700	2646.5
#2	2423.7	35969.	3617.5	61.042	2636.2
#3	2440.4	35857.	3635.3	62.325	2654.4

Sample Name: CCB01 Acquired: 6/14/2019 13:37:45 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00323	-.00024	-.00051	-.00190	-.00011	-.00330	.00036
Stddev	.00294	.00116	.00054	.00171	.00096	.01257	.00017
%RSD	91.299	472.28	105.40	89.727	835.25	380.63	47.669

#1	-.00057	.00023	-.00042	-.00158	.00099	.00893	.00056
#2	-.00639	-.00156	-.00002	-.00038	-.00064	-.00266	.00028
#3	-.00272	.00060	-.00108	-.00375	-.00070	-.01618	.00025

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00004	.01586	.00012	-.00011	-.00010	.00044
Stddev	.00014	.00004	.01179	.00016	.00031	.00028	.00062
%RSD	2459.6	105.87	74.331	130.52	272.37	290.83	141.25

#1	-.00008	-.00003	.01128	.00020	.00021	-.00016	.00054
#2	-.00006	-.00008	.02926	-.00006	-.00014	-.00033	-.00023
#3	.00016	-.00000	.00705	.00023	-.00040	.00021	.00099

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.04954	.00000	-.00080	-.03914	-.00016	-.00102
Stddev	.00004	.03590	.00007	.00027	.00165	.00031	.00002
%RSD	44.359	72.464	8435.1	34.135	4.2193	191.44	2.1470

#1	.00013	-.08338	-.00003	-.00066	-.04039	.00009	-.00103
#2	.00005	-.01189	.00009	-.00062	-.03977	-.00006	-.00103
#3	.00012	-.05336	-.00006	-.00111	-.03727	-.00050	-.00099

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00997	.00020	-.01093	-.00831	-.00169	-.00142	.00080
Stddev	.04290	.00017	.02187	.00296	.00194	.00080	.00080
%RSD	430.40	85.790	200.20	35.598	114.68	56.574	100.47

#1	-.03866	.00017	.01206	-.00499	-.00144	-.00233	-.00011
#2	.02612	.00039	-.03149	-.00928	.00011	-.00111	.00108
#3	.04244	.00005	-.01335	-.01067	-.00374	-.00081	.00142

Sample Name: CCB01 Acquired: 6/14/2019 13:37:45 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00420	-.0000	-.00006	F 3.4482	F<.00000
Stddev	.00054	.0007	.00004	.0266	.48356
%RSD	12.951	1861.	74.937	.77167	46.150
#1	-.00469	.0007	-.00003	3.4177	-.49586
#2	-.00429	-.0007	-.00011	3.4671	-1.2507
#3	-.00362	-.0001	-.00003	3.4596	-1.3969
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2435.4	36169.	3599.1	61.061	2659.1
Stddev	10.4	136.	30.1	1.514	9.9
%RSD	.42618	.37589	.83563	2.4787	.37134
#1	2426.0	36026.	3564.4	59.317	2649.8
#2	2433.6	36296.	3614.8	62.025	2658.0
#3	2446.5	36184.	3618.0	61.842	2669.5

Sample Name: LR CHECK 1 Acquired: 6/14/2019 13:42:01 Type: Unk
Method: P4-ICP2(v3199) 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	.03521	-.18796	.18619	-.64494	.09680	2180.7	.01446	.11370
Stddev	.00554	.00748	.01021	.01553	.00705	18.9	.00085	.00132
%RSD	15.747	3.9816	5.4834	2.4082	7.2817	.86632	5.8615	1.1632

#1	.03826	-.17975	.19585	-.63815	.10494	2163.2	.01377	.11219
#2	.02881	-.19441	.18721	-.63396	.09272	2200.7	.01540	.11466
#3	.03855	-.18972	.17551	-.66271	.09274	2178.0	.01420	.11424

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23959	1938.9	.03998	.12198	.91728	823.73	-.00851	1972.2
Stddev	.00352	14.0	.00029	.00079	.00364	2.84	.00038	10.3
%RSD	1.4674	.72210	.72228	.64917	.39686	.34422	4.4211	.52109

#1	.24245	1930.6	.03980	.12117	.91459	822.09	-.00845	1960.9
#2	.24065	1955.0	.04032	.12276	.92142	827.01	-.00891	1981.0
#3	.23567	1931.0	.03984	.12201	.91584	822.11	-.00817	1974.7

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06254	-.28842	1746.0	.00325	.48398	957.15	-.02517	-1.3237
Stddev	.00112	.00127	7.4	.00064	.00449	3.97	.00126	.0117
%RSD	1.7924	.44047	.42331	19.568	.92826	.41462	5.0250	.88513

#1	.06126	-.28696	1743.2	.00397	.48915	954.33	-.02632	-1.3111
#2	.06301	-.28924	1754.4	.00278	.48181	955.42	-.02382	-1.3344
#3	.06334	-.28907	1740.4	.00299	.48099	961.68	-.02537	-1.3255

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.46473	.00820	.08619	-.05811	.03101	.2906	-.89408	<.00000
Stddev	.01774	.00507	.00288	.00245	.00120	.0050	.00306	.22029
%RSD	3.8177	61.842	3.3388	4.2190	3.8554	1.717	.34239	2.4120

#1	.48393	.01402	.08786	-.05532	.03226	.2911	-.89242	-8.9021
#2	.44895	.00480	.08287	-.05995	.02988	.2854	-.89761	-9.1567
#3	.46130	.00576	.08784	-.05905	.03089	.2953	-.89221	-9.3408

Sample Name: LR CHECK 1 Acquired: 6/14/2019 13:42:01 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1444.0
Stddev	7.0
%RSD	.48631

#1	1449.7
#2	1436.2
#3	1446.2

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1637.4	24080.	3140.8	43.016	1077.5
Stddev	10.1	65.	13.9	1.601	8.3
%RSD	.61410	.27098	.44380	3.7214	.77238

#1	1630.8	24153.	3155.8	41.966	1070.3
#2	1632.5	24028.	3138.5	44.858	1075.5
#3	1649.0	24058.	3128.2	42.224	1086.6

Sample Name: LR CHECK 2 Acquired: 6/14/2019 13:47:05 Type: Unk
Method: P4-ICP2(v3199) 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	.03547	-.01883	241.92	.03225	-.06558	-.23244	97.837	-.00038
Stddev	.00277	.00086	.97	.00090	.00124	.00390	.407	.00007
%RSD	7.7993	4.5623	.40114	2.7935	1.8958	1.6779	.41560	18.193

#1	.03243	-.01982	241.39	.03185	-.06555	-.23473	98.297	-.00044
#2	.03612	-.01836	243.04	.03328	-.06435	-.23466	97.686	-.00040
#3	.03785	-.01831	241.34	.03162	-.06684	-.22794	97.527	-.00031

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01442	.07621	-.11452	-.01681	273.36	-.74045	42.304	-.16746
Stddev	.00013	.01439	.00078	.00009	2.39	.00540	.029	.05631
%RSD	.87005	18.888	.68062	.50677	.87565	.72952	.06913	33.624

#1	-.01443	.07654	-.11378	-.01676	273.70	-.73938	42.278	-.20875
#2	-.01429	.09043	-.11533	-.01691	275.56	-.74631	42.336	-.10332
#3	-.01454	.06165	-.11445	-.01677	270.81	-.73566	42.298	-.19030

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.640	.01025	.74020	-.20466	31.523	1.0359	.00168	.00019
Stddev	.130	.00047	.06434	.00060	.145	.0939	.00077	.00511
%RSD	.26766	4.5571	8.6925	.29358	.45923	9.0641	45.569	2740.4

#1	48.623	.01071	.80792	-.20517	31.495	1.1367	.00134	.00273
#2	48.778	.01026	.73281	-.20400	31.680	1.0202	.00256	.00352
#3	48.519	.00977	.67987	-.20481	31.394	.95088	.00114	-.00570

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09213	.01650	.00046	.02564	-.00214	.0609	.00725	4.9818
Stddev	.00684	.00264	.00032	.00120	.00081	.0024	.00010	.2278
%RSD	7.4207	15.995	70.439	4.6776	37.962	3.963	1.3819	4.5724

#1	.08538	.01931	.00072	.02512	-.00218	.0594	.00736	4.8625
#2	.09905	.01407	.00056	.02701	-.00130	.0636	.00716	5.2444
#3	.09195	.01613	.00010	.02479	-.00293	.0595	.00723	4.8383

Sample Name: LR CHECK 2 Acquired: 6/14/2019 13:47:05 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .88210
%RSD 196.97

#1 -1.3935
#2 -.30267
#3 .35269

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1790.6	37559.	3797.3	62.358	2549.8
Stddev	11.8	107.	24.8	2.042	10.6
%RSD	.65761	.28458	.65370	3.2741	.41637

#1	1790.7	37641.	3781.1	60.733	2555.2
#2	1778.7	37598.	3785.0	61.692	2537.6
#3	1802.3	37438.	3825.9	64.650	2556.7

Sample Name: PB120614BS Acquired: 6/14/2019 13:53:25 Type: Unk
Method: P4-ICP2(v3199) 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	.79927	2.0658	1.0481	2.0342	.82755	2.0103	.20887	.20923
Stddev	.00460	.0050	.0076	.0072	.00048	.0211	.00023	.00086
%RSD	.57522	.24402	.72159	.35366	.05794	1.0477	.11164	.41063
#1	.79767	2.0686	1.0562	2.0342	.82798	1.9947	.20899	.20986
#2	.80445	2.0688	1.0471	2.0414	.82763	2.0342	.20903	.20825
#3	.79568	2.0600	1.0411	2.0270	.82703	2.0019	.20861	.20959
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19497	1.0834	.42765	.20288	.34531	3.2581	.22214	2.0159
Stddev	.00048	.0039	.00030	.00017	.00079	.0067	.00104	.0417
%RSD	.24792	.36219	.07079	.08618	.22958	.20720	.46701	2.0699
#1	.19508	1.0818	.42800	.20305	.34622	3.2652	.22317	1.9823
#2	.19539	1.0879	.42749	.20270	.34500	3.2518	.22110	2.0026
#3	.19444	1.0805	.42746	.20291	.34473	3.2573	.22215	2.0626
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50418	.07542	3.3635	.31424	.20769	10.557	.42407	.29487
Stddev	.00073	.00095	.0088	.00045	.00129	.030	.00108	.01082
%RSD	.14552	1.2616	.26287	.14192	.62238	.28160	.25414	3.6691
#1	.50477	.07433	3.3584	.31419	.20914	10.590	.42520	.30311
#2	.50440	.07609	3.3737	.31381	.20727	10.534	.42397	.28262
#3	.50336	.07583	3.3583	.31470	.20666	10.546	.42306	.29888
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.7575	.90009	.69955	.20964	.21801	5.700	.21174	F 4.5882
Stddev	.0087	.01713	.00239	.00397	.00289	.008	.00253	.1590
%RSD	.31418	1.9032	.34131	1.8931	1.3252	.1418	1.1939	3.4655
#1	2.7599	.88689	.69938	.20612	.21541	5.708	.20994	4.7024
#2	2.7647	.91945	.70202	.21394	.22112	5.692	.21463	4.6557
#3	2.7479	.89394	.69725	.20887	.21749	5.701	.21066	4.4066

Sample Name: PB120614BS Acquired: 6/14/2019 13:53:25 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 4.6393
Stddev .8459
%RSD 18.233

#1 5.4101
#2 3.7344
#3 4.7733

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2414.3	35652.	3503.7	61.528	2606.2
Stddev	6.6	179.	43.3	1.825	4.9
%RSD	.27541	.50107	1.2356	2.9658	.18877

#1	2410.6	35464.	3523.8	62.108	2604.9
#2	2410.3	35673.	3454.0	59.483	2602.0
#3	2421.9	35820.	3533.3	62.992	2611.6

Sample Name: PB120596BS Acquired: 6/14/2019 13:57:30 Type: Unk
Method: P4-ICP2(v3199) 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	.79236	2.0624	1.0163	2.0278	.81184	2.0142	.20824
Stddev	.00141	.0027	.0013	.0043	.00182	.0130	.00068
%RSD	.17737	.13054	.12440	.21132	.22467	.64362	.32467

#1	.79169	2.0654	1.0154	2.0258	.81033	2.0285	.20881
#2	.79141	2.0605	1.0157	2.0327	.81133	2.0109	.20842
#3	.79397	2.0611	1.0177	2.0248	.81386	2.0032	.20749

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20931	.19565	1.0804	.42753	.20272	.33983	3.2523
Stddev	.00039	.00070	.0133	.00159	.00026	.00079	.0046
%RSD	.18735	.35958	1.2336	.37162	.12951	.23150	.13992

#1	.20973	.19513	1.0747	.42933	.20273	.33912	3.2574
#2	.20896	.19537	1.0957	.42691	.20245	.34067	3.2510
#3	.20922	.19645	1.0709	.42634	.20298	.33971	3.2486

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22130	1.9869	.50434	.07508	3.2236	.31409	.20073
Stddev	.00079	.0288	.00197	.00031	.0075	.00085	.00018
%RSD	.35799	1.4484	.38996	.40988	.23297	.27019	.09037

#1	.22217	2.0158	.50418	.07497	3.2239	.31501	.20093
#2	.22111	1.9583	.50246	.07543	3.2159	.31392	.20058
#3	.22062	1.9867	.50639	.07484	3.2309	.31334	.20068

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.393	.42343	.30898	F -.00734	.89316	.69423	.20531
Stddev	.067	.00069	.01376	.00438	.00471	.00180	.00203
%RSD	.64752	.16239	4.4527	59.639	.52772	.25938	.98834

#1	10.469	.42266	.31916	-.01108	.89000	.69353	.20686
#2	10.365	.42396	.31444	-.00842	.89091	.69627	.20302
#3	10.344	.42369	.29333	-.00252	.89858	.69288	.20606

Sample Name: PB120596BS Acquired: 6/14/2019 13:57:30 Type: Unk
 Method: P4-ICP2(v3199) 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	.21310	5.689	.20990	F 4.6575	F 4.0508
Stddev	.00182	.014	.00066	.0213	.4258
%RSD	.85289	.2364	.31308	.45682	10.512
#1	.21107	5.697	.21057	4.6817	4.0867
#2	.21362	5.673	.20925	4.6417	3.6082
#3	.21459	5.696	.20988	4.6491	4.4576
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2422.4	35670.	3515.9	60.253	2611.3
Stddev	20.2	164.	19.1	.951	20.5
%RSD	.83231	.46099	.54261	1.5778	.78475
#1	2403.7	35484.	3508.4	59.675	2589.1
#2	2419.8	35796.	3537.6	59.733	2615.2
#3	2443.7	35730.	3501.7	61.350	2629.6

Sample Name: K3372-01 Acquired: 6/14/2019 14:01:03 Type: Unk
Method: P4-ICP2(v3199) 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	.01182	-.00039	.14954	.00277	.00869	5.8231	.23514	.00048
Stddev	.00254	.00171	.00098	.00155	.00093	.0210	.00192	.00008
%RSD	21.459	432.86	.65343	55.943	10.732	.36038	.81497	16.890

#1	.01424	.00032	.14961	.00193	.00763	5.8250	.23625	.00039
#2	.01204	-.00234	.15048	.00183	.00937	5.8430	.23624	.00051
#3	.00918	.00084	.14853	.00456	.00908	5.8012	.23293	.00054

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00023	50.572	.01140	.00142	.05451	5.7781	.16821	6.6121
Stddev	.00006	.041	.00031	.00024	.00011	.0138	.00126	.0238
%RSD	24.591	.08174	2.7138	16.711	.19938	.23947	.75161	.35950

#1	-.00024	50.558	.01146	.00165	.05455	5.7901	.16810	6.5850
#2	-.00028	50.618	.01167	.00117	.05439	5.7630	.16700	6.6291
#3	-.00017	50.539	.01106	.00144	.05459	5.7811	.16953	6.6223

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00759	-.00146	19.348	.03802	.18010	12.149	.01985	.17898
Stddev	.00012	.00028	.061	.00059	.00041	.139	.00017	.00952
%RSD	1.5752	18.891	.31632	1.5408	.22788	1.1439	.83133	5.3203

#1	.00766	-.00141	19.397	.03735	.18023	12.302	.01969	.17267
#2	.00745	-.00176	19.367	.03825	.17964	12.116	.02002	.18993
#3	.00766	-.00122	19.279	.03846	.18043	12.030	.01985	.17433

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.700	F 13.704	.00515	.14629	.00466	.6249	.27483	3.9094
Stddev	.019	.106	.00055	.00272	.00083	.0015	.00167	.2185
%RSD	.17463	.77485	10.620	1.8618	17.798	.2461	.60783	5.5880

#1	10.685	13.608	.00479	.14929	.00556	.6231	.27385	4.1354
#2	10.721	13.687	.00487	.14398	.00393	.6255	.27388	3.8933
#3	10.694	13.818	.00577	.14558	.00449	.6260	.27676	3.6994

Sample Name: K3372-01 Acquired: 6/14/2019 14:01:03 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.7855
Stddev	.5969
%RSD	21.430

#1	2.6937
#2	3.4231
#3	2.2399

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2405.9	35723.	3648.7	62.422	2549.9
Stddev	11.7	87.	19.8	1.582	11.5
%RSD	.48495	.24442	.54337	2.5342	.44952

#1	2398.2	35628.	3667.1	63.315	2541.0
#2	2400.1	35741.	3651.4	63.356	2545.8
#3	2419.3	35800.	3627.7	60.595	2562.8

Sample Name: K3373-01 Acquired: 6/14/2019 14:05:22 Type: Unk
Method: P4-ICP2(v3199) 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	-.06990	-.16939	-.04506	-.29194	.00800	F -1.1112	3.6051
Stddev	.00932	.00538	.00202	.01074	.00029	.0186	.0239
%RSD	13.337	3.1771	4.4764	3.6792	3.6072	1.6726	.66148

#1	-.07652	-.17558	-.04531	-.28136	.00794	-1.1219	3.6324
#2	-.05924	-.16678	-.04293	-.29162	.00774	-1.0897	3.5946
#3	-.07395	-.16581	-.04694	-.30283	.00831	-1.1219	3.5884

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07690	.10641	1345.4	-.12269	.00306	1.1092	725.71
Stddev	.00059	.00066	4.7	.00106	.00037	.0067	2.44
%RSD	.76072	.62402	.34771	.86674	11.924	.60205	.33589

#1	.07757	.10688	1350.8	-.12353	.00348	1.1019	728.07
#2	.07667	.10565	1342.7	-.12306	.00279	1.1106	723.20
#3	.07648	.10669	1342.6	-.12150	.00292	1.1150	725.86

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.750	170.42	-.13494	-.16817	^ *****	-.15553	4.1450
Stddev	.207	.40	.00187	.00139	-----	.00124	.0039
%RSD	.53320	.23633	1.3873	.82925	-----	.80032	.09291

#1	38.967	170.61	-.13344	-.16666	^ -----	-.15655	4.1419
#2	38.727	169.95	-.13704	-.16940	^ -----	-.15590	4.1438
#3	38.556	170.69	-.13433	-.16844	^ -----	-.15414	4.1493

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	213.05	-.02486	-.40605	F 43.062	1.2108	.02045	-.03611
Stddev	.66	.00051	.03224	.170	.0091	.00282	.00153
%RSD	.30962	2.0671	7.9402	.39592	.75526	13.786	4.2508

#1	213.78	-.02434	-.36993	42.888	1.2044	.02327	-.03514
#2	212.50	-.02486	-.43193	43.071	1.2212	.02047	-.03532
#3	212.88	-.02537	-.41630	43.229	1.2067	.01763	-.03788

Sample Name: K3373-01 Acquired: 6/14/2019 14:05:22 Type: Unk
Method: P4-ICP2(v3199) 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	.13987	.8667	8.0143	.05149	F 835.32
Stddev	.01863	.0083	.0364	.12402	8.57
%RSD	13.317	.9525	.45442	240.89	1.0258
#1	.12016	.8680	8.0054	.17386	833.17
#2	.14228	.8579	8.0543	.05472	828.03
#3	.15718	.8743	7.9831	-.07412	844.76
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1522.2	22137.	3004.5	44.808	1199.3
Stddev	2.4	114.	16.9	1.174	.8
%RSD	.16049	.51557	.56227	2.6195	.07082
#1	1521.7	22028.	3017.4	44.747	1200.3
#2	1524.8	22126.	2985.3	43.665	1198.7
#3	1520.0	22256.	3010.7	46.011	1199.0

Sample Name: K3373-05 Acquired: 6/14/2019 14:10:07 Type: Unk
Method: P4-ICP2(v3199) 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	.06342	-.03998	.74298	-.03055	.00437	165.52	1.1208	.02805
Stddev	.00270	.00118	.00248	.00104	.00127	.50	.0065	.00030
%RSD	4.2614	2.9567	.33427	3.4094	29.086	.30372	.58101	1.0756
#1	.06556	-.03911	.74017	-.02992	.00485	165.98	1.1282	.02839
#2	.06039	-.03951	.74489	-.03176	.00534	164.98	1.1159	.02786
#3	.06432	-.04133	.74388	-.02998	.00293	165.59	1.1185	.02788
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01934	108.24	.25785	.20215	.94095	272.86	6.9189	73.533
Stddev	.00012	.38	.00026	.00018	.00644	1.04	.0059	.174
%RSD	.63125	.34843	.09981	.09110	.68490	.38162	.08556	.23615
#1	.01928	108.53	.25760	.20217	.94661	274.03	6.9145	73.563
#2	.01948	107.81	.25785	.20232	.94232	272.04	6.9165	73.347
#3	.01926	108.37	.25811	.20195	.93394	272.50	6.9256	73.690
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.40559	-.02617	5.5163	.32629	2.2192	15.093	.03545	.06981
Stddev	.00080	.00084	.0987	.00075	.0147	.063	.00007	.00327
%RSD	.19608	3.2155	1.7888	.22919	.66214	.41736	.19709	4.6826
#1	.40595	-.02674	5.6237	.32714	2.2306	15.126	.03554	.07177
#2	.40614	-.02657	5.4956	.32597	2.2243	15.020	.03541	.07163
#3	.40468	-.02520	5.4297	.32575	2.2026	15.132	.03542	.06604
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 11.383	3.1458	.04784	2.3132	.27481	F 10.86	-.06147	<.00000
Stddev	.019	.0182	.00171	.0113	.00180	.00	.00272	.14756
%RSD	.16569	.58007	3.5729	.48708	.65357	.0076	4.4307	2.4279
#1	11.405	3.1261	.04667	2.3007	.27273	10.86	-.06421	-6.0222
#2	11.373	3.1622	.04705	2.3226	.27585	10.86	-.05877	-5.9659
#3	11.372	3.1489	.04980	2.3162	.27584	10.86	-.06144	-6.2450

Sample Name: K3373-05 Acquired: 6/14/2019 14:10:07 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 422.20
Stddev	2.53
%RSD	.59922

#1	423.68
#2	423.63
#3	419.27

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3073.0	45794.	4897.6	57.610	2174.7
Stddev	17.5	107.	43.3	1.617	11.1
%RSD	.56964	.23317	.88344	2.8071	.50950

#1	3055.9	45714.	4939.4	58.328	2166.0
#2	3072.0	45916.	4853.0	55.758	2170.8
#3	3090.9	45754.	4900.3	58.743	2187.2

Sample Name: K3351-01 Acquired: 6/14/2019 14:14:40 Type: Unk
Method: P4-ICP2(v3199) 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	.10064	-.00885	.11586	-.00534	.00483	148.34	.51294	.02033
Stddev	.00211	.00121	.00082	.00223	.00051	.50	.00302	.00012
%RSD	2.0956	13.723	.70532	41.760	10.636	.33556	.58851	.57586
#1	.10182	-.00994	.11493	-.00604	.00430	148.88	.51614	.02021
#2	.09820	-.00907	.11646	-.00284	.00533	148.22	.51255	.02045
#3	.10189	-.00754	.11619	-.00713	.00487	147.91	.51014	.02033
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00361	39.702	.25941	.03622	.30135	218.12	.81483	12.349
Stddev	.00010	.144	.00101	.00028	.00076	.77	.00221	.088
%RSD	2.6824	.36191	.38825	.77564	.25159	.35375	.27158	.71093
#1	-.00371	39.864	.25921	.03654	.30120	219.01	.81672	12.295
#2	-.00352	39.655	.26050	.03599	.30218	217.71	.81240	12.450
#3	-.00361	39.588	.25852	.03614	.30069	217.63	.81537	12.302
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05407	-.01321	2.0879	.42396	.31300	9.7342	.00464	.10270
Stddev	.00067	.00034	.0271	.00216	.00046	.0446	.00026	.01899
%RSD	1.2397	2.5881	1.2954	.51063	.14808	.45805	5.5796	18.495
#1	.05439	-.01315	2.1148	.42389	.31248	9.7810	.00479	.09552
#2	.05452	-.01290	2.0883	.42182	.31337	9.7292	.00479	.08833
#3	.05330	-.01358	2.0607	.42615	.31316	9.6923	.00434	.12423
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4027	5.5163	.00852	1.1041	.13576	2.926	-.20089	.82388
Stddev	.0151	.0277	.00152	.0061	.00177	.012	.00087	.08717
%RSD	.44455	.50127	17.848	.55078	1.3035	.4030	.43360	10.581
#1	3.4136	5.4846	.00707	1.1105	.13632	2.926	-.20189	.92245
#2	3.4091	5.5357	.01011	1.0984	.13377	2.938	-.20049	.75694
#3	3.3854	5.5284	.00839	1.1034	.13718	2.915	-.20029	.79224

Sample Name: K3351-01 Acquired: 6/14/2019 14:14:40 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 195.36
Stddev	1.45
%RSD	.74266

#1	196.90
#2	195.19
#3	194.01

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2534.3	37238.	3936.1	61.892	2408.4
Stddev	16.7	131.	23.4	.268	13.2
%RSD	.65846	.35163	.59409	.43366	.54701

#1	2522.1	37087.	3938.2	62.138	2398.5
#2	2553.3	37304.	3958.4	61.606	2423.4
#3	2527.5	37323.	3911.8	61.933	2403.4

Sample Name: K3351-03 Acquired: 6/14/2019 14:19:09 Type: Unk
Method: P4-ICP2(v3199) 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	.14817	-.01288	.60173	-.01042	.00660	171.80	.65012	.02285
Stddev	.00416	.00115	.00027	.00107	.00162	1.12	.00458	.00042
%RSD	2.8082	8.9400	.04422	10.293	24.551	.64948	.70404	1.8459
#1	.14839	-.01301	.60143	-.00952	.00703	170.53	.64502	.02321
#2	.15221	-.01167	.60191	-.01161	.00481	172.25	.65144	.02239
#3	.14390	-.01397	.60186	-.01014	.00797	172.61	.65388	.02296
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00243	52.657	.46605	.06850	.44829	243.71	1.1437	13.867
Stddev	.00035	.209	.00083	.00026	.00135	.98	.0018	.077
%RSD	14.293	.39708	.17805	.38635	.30128	.40242	.15989	.55713
#1	.00228	52.439	.46690	.06857	.44786	242.96	1.1456	13.786
#2	.00218	52.856	.46600	.06872	.44721	244.82	1.1435	13.875
#3	.00283	52.675	.46524	.06820	.44980	243.33	1.1420	13.940
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07140	-.01644	3.4868	.52833	1.0156	14.974	.00425	.13062
Stddev	.00025	.00068	.0216	.00285	.0024	.049	.00011	.00801
%RSD	.35426	4.1452	.62032	.53959	.23255	.32743	2.6843	6.1300
#1	.07112	-.01694	3.4727	.53118	1.0138	14.920	.00438	.13348
#2	.07144	-.01672	3.5117	.52832	1.0148	15.015	.00423	.13680
#3	.07162	-.01567	3.4759	.52548	1.0183	14.986	.00415	.12158
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2346	3.4871	.07135	1.1352	.06011	5.926	-.11677	<.00000
Stddev	.0012	.0241	.00060	.0061	.00059	.011	.00067	.27856
%RSD	.05345	.69009	.83604	.53623	.97512	.1912	.57364	14.970
#1	2.2360	3.5036	.07191	1.1300	.05996	5.937	-.11608	-1.6690
#2	2.2338	3.4982	.07141	1.1419	.06076	5.915	-.11742	-1.7329
#3	2.2342	3.4595	.07072	1.1337	.05962	5.927	-.11682	-2.1803

Sample Name: K3351-03 Acquired: 6/14/2019 14:19:09 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 266.21
 Stddev .56
 %RSD .21192

#1 266.64
 #2 266.41
 #3 265.57

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2734.9	40545.	4308.3	59.862	2328.7
Stddev	4.4	94.	29.7	.482	3.8
%RSD	.16270	.23265	.68841	.80543	.16208

#1	2738.4	40569.	4278.6	60.419	2329.2
#2	2736.4	40441.	4308.5	59.564	2332.2
#3	2729.9	40625.	4337.9	59.605	2324.7

Sample Name: K3265-13 Acquired: 6/14/2019 14:23:37 Type: Unk
Method: P4-ICP2(v3199) 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	.02460	-.00281	.12263	-.00716	.00326	.70271	1.0837	-.00000
Stddev	.00478	.00383	.00070	.00651	.00186	.06181	.0127	.00002
%RSD	19.414	136.38	.56951	91.003	57.058	8.7960	1.1720	425.85
#1	.01979	-.00076	.12287	.00035	.00199	.68187	1.0941	-.00000
#2	.02935	-.00722	.12318	-.01133	.00539	.65401	1.0695	-.00003
#3	.02467	-.00044	.12184	-.01049	.00239	.77224	1.0874	.00001
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00194	749.00	-.00838	.02667	.01995	1.5612	8.8752	607.87
Stddev	.00032	15.00	.00076	.00037	.00077	.0182	.0497	13.15
%RSD	16.476	2.0032	9.0797	1.3716	3.8359	1.1643	.56007	2.1639
#1	-.00160	761.02	-.00848	.02629	.01941	1.5798	8.9272	618.10
#2	-.00224	732.18	-.00908	.02672	.01961	1.5604	8.8282	593.03
#3	-.00197	753.79	-.00757	.02701	.02082	1.5434	8.8701	612.48
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16928	-.00458	F 6045.3	-.02667	.13909	396.04	.02409	.66590
Stddev	.00120	.00113	421.9	.00110	.00230	12.32	.00028	.04670
%RSD	.71143	24.683	6.9790	4.1083	1.6530	3.1101	1.1678	7.0135
#1	.16998	-.00329	6529.7	-.02712	.13728	386.32	.02377	.68477
#2	.16789	-.00540	5758.0	-.02746	.13831	391.90	.02431	.70023
#3	.16998	-.00504	5848.3	-.02542	.14167	409.89	.02420	.61272
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1023.7	F 15.779	-.38371	.01534	.57141	.1620	5.6801	13.759
Stddev	9.0	.085	.00471	.00427	.02517	.0081	.0287	.104
%RSD	.87833	.54025	1.2281	27.812	4.4046	5.018	.50490	.75459
#1	1018.5	15.875	-.37937	.01947	.54345	.1555	5.6962	13.815
#2	1018.6	15.749	-.38304	.01095	.57851	.1595	5.6972	13.639
#3	1034.1	15.713	-.38872	.01560	.59226	.1711	5.6470	13.822

Sample Name: K3265-13 Acquired: 6/14/2019 14:23:37 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	2.4676
Stddev	.7210
%RSD	29.217

#1	3.1647
#2	2.5133
#3	1.7249

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1045.4	15540.	2581.8	40.284	886.03
Stddev	9.0	326.	27.6	1.132	9.35
%RSD	.86227	2.0997	1.0688	2.8103	1.0555

#1	1048.9	15244.	2549.9	39.091	891.21
#2	1052.1	15890.	2598.1	40.420	891.64
#3	1035.1	15486.	2597.4	41.343	875.23

Sample Name: CCV02 Acquired: 6/14/2019 14:56:10 Type: Unk
Method: P4-ICP2(v3199) 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	5.3374	5.2580	5.2328	5.2769	5.3684	10.480	10.647	.26546
Stddev	.0065	.0280	.0222	.0094	.0185	.087	.058	.00112
%RSD	.12193	.53262	.42372	.17765	.34433	.83471	.54139	.42124
#1	5.3300	5.2279	5.2117	5.2699	5.3569	10.581	10.705	.26673
#2	5.3421	5.2628	5.2308	5.2875	5.3587	10.426	10.645	.26504
#3	5.3401	5.2833	5.2559	5.2733	5.3898	10.434	10.590	.26461
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5795	25.744	1.0421	2.6103	1.3608	5.2539	2.6804	25.479
Stddev	.0103	.185	.0028	.0128	.0086	.0058	.0036	.164
%RSD	.39721	.71780	.26436	.48882	.63178	.11007	.13583	.64481
#1	2.5693	25.953	1.0445	2.6014	1.3549	5.2524	2.6843	25.639
#2	2.5792	25.604	1.0391	2.6046	1.3567	5.2602	2.6771	25.487
#3	2.5898	25.674	1.0428	2.6249	1.3706	5.2489	2.6799	25.310
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5714	1.3068	26.346	2.5838	2.6205	26.235	5.3963	5.1503
Stddev	.0139	.0028	.123	.0049	.0112	.162	.0165	.0765
%RSD	.54171	.21142	.46589	.18995	.42560	.61911	.30630	1.4851
#1	2.5614	1.3090	26.467	2.5798	2.6129	26.378	5.3801	5.2319
#2	2.5656	1.3077	26.350	2.5824	2.6152	26.270	5.3956	5.1387
#3	2.5873	1.3037	26.222	2.5893	2.6333	26.058	5.4131	5.0802
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2260	4.9436	5.2012	5.1430	5.1390	5.286	5.1476	5.3768
Stddev	.0310	.0500	.0379	.0087	.0330	.031	.0277	.1278
%RSD	.59343	1.0111	.72904	.16985	.64201	.5811	.53721	2.3766
#1	5.1938	4.8865	5.1632	5.1407	5.1058	5.260	5.1191	5.3987
#2	5.2286	4.9649	5.2013	5.1355	5.1718	5.277	5.1743	5.2395
#3	5.2557	4.9794	5.2391	5.1526	5.1396	5.320	5.1496	5.4923

Sample Name: CCV02 Acquired: 6/14/2019 14:56:10 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 2.4120
Stddev	.1556
%RSD	6.4516

#1	2.2338
#2	2.4811
#3	2.5211

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2233.9	33495.	3471.3	57.295	2260.1
Stddev	7.5	104.	23.2	1.310	9.4
%RSD	.33482	.31002	.66799	2.2865	.41662

#1	2239.7	33395.	3497.2	56.982	2268.0
#2	2236.7	33488.	3452.6	58.733	2262.7
#3	2225.5	33602.	3464.1	56.170	2249.7

Sample Name: CCB02 Acquired: 6/14/2019 15:09:12 Type: Unk
Method: P4-ICP2(v3199) 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	-.00004	.00083	-.00042	.00075	-.00095	.00238	.00016
Stddev	.00069	.00157	.00043	.00115	.00058	.00479	.00019
%RSD	1694.6	190.24	103.06	152.13	61.200	201.50	117.70

#1	-.00011	.00264	-.00064	.00034	-.00045	.00792	.00037
#2	-.00070	-.00008	.00008	.00205	-.00159	-.00042	.00012
#3	.00069	-.00009	-.00070	-.00013	-.00080	-.00036	-.00001

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00006	.01916	.00018	-.00001	.00037	.00064
Stddev	.00008	.00002	.01013	.00012	.00002	.00012	.00048
%RSD	181.03	35.553	52.869	64.659	160.33	30.765	75.034

#1	.00000	-.00006	.02276	.00032	-.00003	.00031	.00041
#2	-.00001	-.00004	.00772	.00013	-.00002	.00031	.00119
#3	.00014	-.00008	.02700	.00010	.00001	.00051	.00031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	-.02280	-.00013	-.00086	F .97638	-.00017	-.00065
Stddev	.00006	.00133	.00028	.00012	.02825	.00020	.00008
%RSD	64.786	5.8132	220.68	13.849	2.8938	114.01	11.505

#1	.00006	-.02404	-.00035	-.00097	.99988	-.00004	-.00063
#2	.00005	-.02141	-.00022	-.00073	.98423	-.00040	-.00074
#3	.00016	-.02296	.00019	-.00087	.94503	-.00008	-.00059

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09888	.00023	-.01270	.00288	-.00238	-.00225	-.00108
Stddev	.01906	.00041	.01155	.00278	.00208	.00060	.00055
%RSD	19.272	177.89	90.903	96.539	87.510	26.590	51.205

#1	.11582	-.00011	-.00242	.00036	-.00141	-.00200	-.00045
#2	.07825	.00068	-.02519	.00242	-.00477	-.00293	-.00131
#3	.10258	.00011	-.01049	.00586	-.00096	-.00181	-.00147

Sample Name: CCB02 Acquired: 6/14/2019 15:09:12 Type: Unk
 Method: P4-ICP2(v3199) 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	.00092	-.0018	-.00004	F 3.8557	F<.00000
Stddev	.00116	.0013	.00000	.0535	.49079
%RSD	125.10	72.92	2.6371	1.3879	49.985

#1	.00226	-.0008	-.00004	3.9100	-.44420
#2	.00033	-.0013	-.00004	3.8030	-1.0956
#3	.00019	-.0033	-.00004	3.8541	-1.4058

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2331.5	34908.	3577.2	60.528	2547.9
Stddev	4.2	159.	225.0	4.159	10.7
%RSD	.17857	.45618	6.2890	6.8715	.42063

#1	2336.2	34764.	3397.3	57.483	2559.1
#2	2329.9	34880.	3829.4	65.267	2537.8
#3	2328.3	35079.	3504.8	58.833	2546.9

Sample Name: K3253-01 Acquired: 6/14/2019 15:13:41 Type: Unk
Method: P4-ICP2(v3199) 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	-.00246	-.00008	-.00319	.00018	-.00156	.04089	.00071	.00007
Stddev	.00270	.00107	.00028	.00216	.00212	.01544	.00041	.00002
%RSD	109.98	1407.6	8.8107	1169.2	136.15	37.766	58.108	29.133

#1	-.00375	-.00130	-.00350	-.00195	.00050	.02334	.00059	.00009
#2	-.00427	.00069	-.00294	.00238	-.00374	.04690	.00118	.00005
#3	.00065	.00038	-.00314	.00012	-.00143	.05241	.00038	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.14705	.00255	.00001	.00633	.05561	.00135	.06057
Stddev	.00003	.00625	.00014	.00008	.00017	.00070	.00005	.04491
%RSD	20.612	4.2527	5.5854	607.35	2.7294	1.2661	3.5809	74.141

#1	.00020	.14011	.00270	.00003	.00632	.05500	.00137	.00934
#2	.00015	.14879	.00242	.00009	.00651	.05638	.00138	.09314
#3	.00013	.15225	.00255	-.00008	.00616	.05544	.00129	.07924

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00304	-.00054	2.3419	-.00030	.02250	.16444	.00004	.00395
Stddev	.00021	.00050	.0041	.00009	.00010	.00998	.00004	.01000
%RSD	6.8406	92.397	.17609	27.976	.45466	6.0719	122.30	253.30

#1	.00320	-.00111	2.3400	-.00024	.02238	.17412	.00004	-.00129
#2	.00310	-.00028	2.3391	-.00040	.02257	.16501	-.00001	-.00235
#3	.00280	-.00022	2.3467	-.00027	.02255	.15418	.00008	.01548

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03229	.01122	-.00411	.00044	-.00538	.0022	.00041	.58184
Stddev	.00483	.00083	.00062	.00130	.00097	.0010	.00003	.26366
%RSD	14.955	7.4298	15.034	294.37	18.042	45.75	7.2319	45.316

#1	.02892	.01217	-.00362	.00057	-.00618	.0023	.00043	.45617
#2	.03012	.01089	-.00481	.00167	-.00566	.0011	.00044	.88483
#3	.03782	.01060	-.00390	-.00092	-.00430	.0030	.00038	.40452

Sample Name: K3253-01 Acquired: 6/14/2019 15:13:41 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .47171
Stddev .34235
%RSD 72.576

#1 .59837
#2 .73268
#3 .08408

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2630.3	39803.	4012.4	68.461	2910.3
Stddev	2.6	65.	2.9	.961	1.1
%RSD	.09839	.16431	.07170	1.4034	.03890

#1	2630.5	39742.	4010.5	67.375	2911.6
#2	2627.5	39794.	4015.7	69.200	2909.6
#3	2632.7	39872.	4010.9	68.808	2909.8

Sample Name: K3253-01DUP Acquired: 6/14/2019 15:18:10 Type: Unk
Method: P4-ICP2(v3199) 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	-.00411	.00063	-.00369	-.00021	-.00187	.03366	.00072	.00006
Stddev	.00101	.00050	.00074	.00063	.00049	.00299	.00015	.00006
%RSD	24.508	78.450	20.104	304.24	26.231	8.8908	20.208	100.07

#1	-.00313	.00012	-.00369	-.00090	-.00208	.03263	.00064	-.00001
#2	-.00515	.00067	-.00444	.00033	-.00131	.03132	.00089	.00009
#3	-.00406	.00111	-.00295	-.00005	-.00223	.03703	.00063	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.11456	.00325	.00001	.00616	.05655	.00121	.05344
Stddev	.00002	.01690	.00042	.00014	.00032	.00074	.00002	.00842
%RSD	17.115	14.749	12.843	1253.1	5.2188	1.3114	1.4992	15.756

#1	.00010	.10014	.00370	-.00015	.00642	.05729	.00119	.06205
#2	.00009	.11039	.00287	.00012	.00625	.05655	.00120	.04523
#3	.00007	.13315	.00320	.00006	.00580	.05581	.00123	.05303

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00341	-.00052	1.9520	-.00025	.01676	.11287	.00009	.00382
Stddev	.00014	.00054	.0049	.00028	.00012	.02860	.00009	.00304
%RSD	4.0359	104.15	.25197	109.79	.74448	25.339	100.63	79.722

#1	.00343	-.00032	1.9555	-.00054	.01664	.14215	.00018	.00733
#2	.00326	-.00011	1.9541	.00002	.01675	.08501	.00012	.00226
#3	.00353	-.00113	1.9464	-.00024	.01689	.11144	-.00001	.00187

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01984	.01060	-.00456	.00037	-.00474	.0033	.00033	.57571
Stddev	.00289	.00044	.00037	.00102	.00119	.0010	.00003	.10575
%RSD	14.568	4.1730	8.1098	273.71	25.088	30.08	8.4064	18.369

#1	.02318	.01067	-.00498	.00123	-.00564	.0041	.00032	.46085
#2	.01815	.01012	-.00434	-.00075	-.00518	.0036	.00036	.66905
#3	.01819	.01100	-.00434	.00063	-.00339	.0022	.00031	.59722

Sample Name: K3253-01DUP Acquired: 6/14/2019 15:18:10 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .31556
Stddev .78731
%RSD 249.49

#1 -.21220
#2 1.2205
#3 -.06162

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2616.7	39584.	4027.0	69.633	2895.9
Stddev	5.3	76.	15.5	1.379	9.3
%RSD	.20227	.19238	.38485	1.9806	.32120

#1	2615.7	39617.	4025.7	71.017	2894.3
#2	2612.0	39497.	4012.1	69.625	2887.5
#3	2622.4	39638.	4043.1	68.258	2905.9

Sample Name: K3253-01MS Acquired: 6/14/2019 15:22:39 Type: Unk
Method: P4-ICP2(v3199) 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	.76034	1.9019	.92542	1.9238	.78016	1.9630	.20171	.19475	.18031
Stddev	.00177	.0059	.00418	.0109	.00150	.0123	.00120	.00062	.00041
%RSD	.23274	.31044	.45123	.56728	.19173	.62570	.59546	.31845	.22679
#1	.76045	1.8990	.92062	1.9120	.78058	1.9488	.20036	.19532	.18004
#2	.75852	1.8980	.92739	1.9260	.77849	1.9697	.20214	.19409	.18011
#3	.76205	1.9087	.92824	1.9335	.78140	1.9705	.20264	.19484	.18078
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6150	.39758	.18842	.33216	3.0508	.20528	1.9126	.46800	.06985
Stddev	.0281	.00282	.00109	.00069	.0139	.00047	.0564	.00102	.00048
%RSD	1.7400	.71011	.57862	.20719	.45577	.22921	2.9486	.21832	.68260
#1	1.5918	.39686	.18725	.33218	3.0532	.20495	1.8511	.46693	.06930
#2	1.6070	.39518	.18858	.33284	3.0358	.20507	1.9620	.46809	.07008
#3	1.6462	.40069	.18941	.33146	3.0633	.20582	1.9246	.46897	.07016
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	3.7536	.29111	.22064	9.9244	.39384	.28179	.01699	.82445	.63685
Stddev	.0227	.00184	.00109	.1028	.00049	.00573	.00375	.00591	.00594
%RSD	.60401	.63358	.49557	1.0355	.12478	2.0330	22.073	.71652	.93302
#1	3.7308	.29218	.21955	9.8168	.39348	.27606	.01845	.82008	.63272
#2	3.7538	.28898	.22062	9.9347	.39365	.28751	.01273	.83117	.63417
#3	3.7761	.29217	.22174	10.022	.39440	.28181	.01979	.82210	.64366
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19028	.19047	5.333	.19495	1.9394	6.5124			
Stddev	.00310	.00342	.026	.00280	.1583	.6403			
%RSD	1.6273	1.7969	.4836	1.4339	8.1624	9.8323			
#1	.18672	.18659	5.305	.19188	1.7719	5.8051			
#2	.19239	.19307	5.339	.19735	1.9599	7.0525			
#3	.19172	.19174	5.355	.19564	2.0866	6.6796			

Sample Name: K3253-01MS Acquired: 6/14/2019 15:22:39 Type: Unk
Method: P4-ICP2(v3199) 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	2555.7	38656.	3974.1	67.583	2795.2
Stddev	5.7	150.	34.7	1.131	9.9
%RSD	.22319	.38835	.87337	1.6735	.35389
#1	2560.2	38788.	4008.9	67.408	2802.2
#2	2557.7	38688.	3939.5	68.792	2799.4
#3	2549.3	38493.	3973.7	66.550	2783.9

Sample Name: K3253-01LX5 Acquired: 6/14/2019 15:26:46 Type: Unk
Method: P4-ICP2(v3199) 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	-.00202	.00039	-.00075	.00087	-.00032	.00474	.00047	.00003
Stddev	.00101	.00091	.00038	.00077	.00148	.00476	.00031	.00004
%RSD	50.020	233.23	50.985	88.151	460.83	100.45	66.582	116.28

#1	-.00203	.00043	-.00039	.00008	-.00086	.00098	.00051	.00004
#2	-.00302	-.00054	-.00115	.00093	.00136	.01009	.00076	.00006
#3	-.00100	.00128	-.00071	.00162	-.00146	.00315	.00014	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.04873	.00078	.00004	.00177	.01373	.00025	-.05032
Stddev	.00005	.00515	.00026	.00025	.00031	.00064	.00006	.03065
%RSD	186.19	10.559	33.356	620.65	17.371	4.6583	22.941	60.910

#1	-.00003	.04279	.00106	.00031	.00190	.01386	.00027	-.01534
#2	.00002	.05190	.00055	.00002	.00142	.01304	.00029	-.07248
#3	-.00008	.05149	.00073	-.00020	.00199	.01429	.00018	-.06314

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	-.00066	1.1943	-.00050	.00444	.11127	.00039	.00478
Stddev	.00019	.00018	.0437	.00029	.00007	.02632	.00027	.01326
%RSD	24.977	26.984	3.6620	58.575	1.6246	23.656	70.334	277.51

#1	.00063	-.00085	1.2387	-.00075	.00447	.12723	.00067	.01374
#2	.00097	-.00063	1.1930	-.00058	.00450	.12569	.00036	-.01045
#3	.00065	-.00050	1.1512	-.00018	.00436	.08089	.00013	.01104

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00842	.00246	-.00297	.00069	-.00067	-.0003	.00008	3.1933
Stddev	.00076	.00172	.00060	.00093	.00087	.0009	.00003	.1128
%RSD	8.9793	70.118	20.121	135.34	129.17	314.1	38.972	3.5314

#1	.00764	.00442	-.00229	.00054	-.00116	.0007	.00010	3.2059
#2	.00847	.00177	-.00323	.00168	.00033	-.0009	.00005	3.0747
#3	.00915	.00119	-.00340	-.00016	-.00119	-.0006	.00009	3.2992

Sample Name: K3253-01LX5 Acquired: 6/14/2019 15:26:46 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .61639
 %RSD 74.037

#1 -.13721
 #2 -1.3118
 #3 -1.0486

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2366.5	35391.	3606.5	61.150	2584.4
Stddev	4.0	142.	4.5	.598	1.6
%RSD	.17013	.40116	.12550	.97731	.06081

#1	2362.2	35228.	3607.1	61.300	2582.9
#2	2367.3	35456.	3610.8	60.492	2586.0
#3	2370.1	35489.	3601.8	61.658	2584.3

Sample Name: K3254-01 Acquired: 6/14/2019 15:31:15 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00235	-.00056	.00276	.00154	-.00157	.00537	.00252	.00013
Stddev	.00241	.00038	.00075	.00109	.00115	.00839	.00025	.00008
%RSD	102.58	67.450	27.193	70.649	72.782	156.12	9.7652	60.963

#1	-.00496	-.00044	.00284	.00074	-.00025	-.00431	.00225	.00008
#2	-.00185	-.00025	.00346	.00279	-.00225	.01009	.00256	.00008
#3	-.00022	-.00098	.00197	.00111	-.00221	.01034	.00274	.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.13992	.00035	.00005	.04068	.20897	.00431	.00358
Stddev	.00001	.00840	.00035	.00017	.00025	.00382	.00003	.00769
%RSD	3.7568	6.0035	99.386	317.56	.61042	1.8267	.81084	214.74

#1	.00017	.13730	.00060	.00025	.04087	.20626	.00432	.01137
#2	.00018	.14931	.00051	-.00000	.04040	.20732	.00427	.00339
#3	.00017	.13314	-.00005	-.00009	.04078	.21334	.00434	-.00401

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04392	-.00072	.52698	-.00046	.10869	.01584	.00015	-.01078
Stddev	.00006	.00014	.00929	.00036	.00024	.02782	.00031	.01069
%RSD	.13801	20.095	1.7631	79.042	.21738	175.64	199.08	99.177

#1	.04398	-.00076	.51702	-.00064	.10885	.03052	.00051	.00025
#2	.04386	-.00056	.52850	-.00004	.10879	-.01624	.00002	-.02110
#3	.04393	-.00084	.53542	-.00070	.10842	.03324	-.00006	-.01148

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00818	.00565	-.00412	-.00002	-.00574	.0007	-.00003	.33149
Stddev	.00305	.00119	.00025	.00171	.00056	.0005	.00006	.11549
%RSD	37.333	20.994	6.1293	10703.	9.7394	73.38	225.86	34.839

#1	.01057	.00539	-.00385	.00184	-.00543	.0003	-.00009	.28478
#2	.00474	.00694	-.00417	-.00035	-.00541	.0012	.00001	.46302
#3	.00922	.00461	-.00435	-.00153	-.00639	.0005	.00001	.24667

Sample Name: K3254-01 Acquired: 6/14/2019 15:31:15 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .73776
 Stddev .74836
 %RSD 101.44

#1 1.6016
 #2 .32459
 #3 .28707

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2610.9	39681.	4024.9	67.611	2877.3
Stddev	5.0	67.	8.1	.289	4.4
%RSD	.19052	.16804	.20188	.42773	.15144

#1	2609.2	39723.	4033.8	67.917	2872.6
#2	2616.5	39716.	4017.7	67.575	2881.2
#3	2607.0	39604.	4023.3	67.342	2878.0

Sample Name: K3373-01DLX10 Acquired: 6/14/2019 15:35:40 Type: Unk
Method: P4-ICP2(v3199) 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	-.00777	-.01030	-.01912	.00212	.00112	-.10795	.33614	.00607
Stddev	.00057	.00252	.00062	.00232	.00200	.00483	.00136	.00018
%RSD	7.3656	24.486	3.2255	109.46	178.44	4.4766	.40377	2.9977

#1	-.00820	-.00980	-.01982	.00067	.00319	-.10677	.33754	.00586
#2	-.00712	-.01303	-.01891	.00479	-.00080	-.10381	.33483	.00619
#3	-.00799	-.00806	-.01864	.00089	.00097	-.11326	.33606	.00616

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00357	146.26	-.02058	-.00003	.12765	142.96	5.1316	17.195
Stddev	.00022	.47	.00057	.00037	.00189	.27	.0064	.123
%RSD	6.2746	.32252	2.7684	1308.6	1.4845	.18734	.12551	.71358

#1	-.00358	146.01	-.02118	.00006	.12574	142.93	5.1388	17.165
#2	-.00378	145.96	-.02004	.00029	.12953	142.72	5.1293	17.091
#3	-.00334	146.80	-.02053	-.00044	.12768	143.25	5.1265	17.330

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.02216	-.00736	1029.3	-.01741	.31680	17.055	-.00310	.07751
Stddev	.00033	.00029	15.2	.00009	.00055	.035	.00019	.00649
%RSD	1.4729	3.9392	1.4815	.49558	.17486	.20297	6.2000	8.3688

#1	-.02230	-.00723	1016.3	-.01733	.31731	17.023	-.00306	.07375
#2	-.02239	-.00716	1025.4	-.01750	.31621	17.051	-.00331	.07377
#3	-.02178	-.00769	1046.1	-.01741	.31689	17.092	-.00293	.08500

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8400	.13829	.00117	-.00436	.00803	.0689	.81737	6.4961
Stddev	.0276	.00081	.00108	.00077	.00309	.0024	.00960	.1810
%RSD	.71868	.58747	92.052	17.622	38.435	3.481	1.1750	2.7859

#1	3.8572	.13754	-.00007	-.00466	.00677	.0700	.80628	6.5936
#2	3.8082	.13915	.00167	-.00493	.00577	.0661	.82293	6.2873
#3	3.8546	.13816	.00190	-.00349	.01155	.0705	.82290	6.6074

Sample Name: K3373-01DLX10 Acquired: 6/14/2019 15:35:40 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 80.351
 Stddev 1.427
 %RSD 1.7759

#1 78.725
 #2 81.394
 #3 80.935

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2002.1	28996.	3370.1	54.349	1929.1
Stddev	4.6	125.	22.3	.923	3.6
%RSD	.22830	.43137	.66128	1.6974	.18794

#1	1997.6	28873.	3394.1	53.612	1925.5
#2	2002.0	28993.	3350.0	55.384	1932.8
#3	2006.7	29123.	3366.2	54.052	1929.0

Sample Name: PB120596BL Acquired: 6/14/2019 15:40:18 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00152	.00054	-.00054	-.00040	.00006	-.01352	.00010
Stddev	.00303	.00079	.00100	.00061	.00187	.00682	.00061
%RSD	199.28	145.75	186.31	151.04	2924.3	50.459	627.84

#1	-.00303	-.00014	-.00169	-.00039	-.00153	-.02050	.00062
#2	-.00350	.00036	-.00010	.00020	-.00040	-.00688	.00024
#3	.00197	.00142	.00017	-.00101	.00212	-.01316	-.00057

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00006	.01335	.00012	.00010	.00036	.00239
Stddev	.00002	.00004	.00584	.00047	.00006	.00024	.00029
%RSD	28.461	79.828	43.778	401.07	59.167	66.179	12.255

#1	.00006	-.00005	.01996	.00029	.00011	.00052	.00255
#2	.00004	-.00010	.01118	.00047	.00016	.00049	.00205
#3	.00008	-.00002	.00889	-.00041	.00004	.00009	.00257

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.02063	.00009	-.00073	F .99000	-.00029	-.00092
Stddev	.00003	.03206	.00062	.00027	.00345	.00019	.00008
%RSD	178.55	155.39	649.16	37.806	.34896	65.712	9.1049

#1	-.00002	-.00418	.00061	-.00096	.99358	-.00017	-.00100
#2	.00004	.05683	.00026	-.00079	.98975	-.00019	-.00093
#3	.00004	.00925	-.00059	-.00042	.98668	-.00051	-.00084

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10216	.00016	.00352	-.00319	-.00111	-.00297	.00062
Stddev	.01700	.00029	.00650	.00255	.00267	.00057	.00193
%RSD	16.638	186.68	184.71	80.010	240.15	19.155	310.06

#1	.10084	.00046	-.00173	-.00347	.00018	-.00232	.00098
#2	.11979	-.00013	.01078	-.00051	-.00418	-.00324	-.00146
#3	.08587	.00015	.00150	-.00559	.00066	-.00336	.00235

Sample Name: PB120596BL Acquired: 6/14/2019 15:40:18 Type: Unk
Method: P4-ICP2(v3199) 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	.00011	-.0021	-.00004	F 3.6075	F<.00000
Stddev	.00121	.0014	.00003	.3017	.17968
%RSD	1055.3	63.07	69.567	8.3622	43.887

#1	.00089	-.0014	-.00008	3.2708	-.40193
#2	-.00127	-.0013	-.00003	3.8532	-.23359
#3	.00072	-.0037	-.00002	3.6985	-.59272

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2323.9	34797.	3531.7	58.697	2534.2
Stddev	4.7	94.	13.1	1.549	6.2
%RSD	.20110	.27103	.37095	2.6393	.24307

#1	2320.3	34697.	3520.0	59.592	2530.8
#2	2322.1	34885.	3545.9	56.908	2530.5
#3	2329.2	34808.	3529.4	59.592	2541.4

Sample Name: PB120614BL Acquired: 6/14/2019 15:44:46 Type: Unk
Method: P4-ICP2(v3199) 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	-.00186	-.00078	-.00104	-.00191	-.00002	-.01009	-.00003
Stddev	.00128	.00098	.00062	.00098	.00071	.01869	.00042
%RSD	68.912	126.88	59.584	51.322	3604.1	185.26	1354.7

#1	-.00292	-.00123	-.00076	-.00109	-.00079	-.00013	-.00034
#2	-.00223	-.00145	-.00061	-.00165	.00012	.00152	-.00020
#3	-.00044	.00035	-.00176	-.00299	.00061	-.03164	.00044

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00005	.01367	.00005	-.00007	.00024	.00041
Stddev	.00007	.00006	.00363	.00021	.00014	.00035	.00048
%RSD	382.15	110.70	26.599	428.20	194.65	150.19	115.65

#1	.00008	-.00010	.01391	.00019	-.00023	-.00007	.00058
#2	-.00005	-.00007	.01717	.00015	.00003	.00015	-.00012
#3	.00003	.00001	.00992	-.00019	-.00001	.00063	.00079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	-.01232	-.00022	-.00040	F .73025	-.00066	-.00101
Stddev	.00006	.05785	.00034	.00023	.01956	.00031	.00002
%RSD	2151.9	469.47	153.07	56.765	2.6784	46.969	1.6780

#1	.00007	-.04518	.00015	-.00020	.71306	-.00033	-.00102
#2	-.00005	.05448	-.00031	-.00064	.72616	-.00095	-.00099
#3	-.00001	-.04627	-.00050	-.00036	.75153	-.00071	-.00101

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08376	.00007	-.00903	-.00293	-.00182	-.00323	.00061
Stddev	.01914	.00020	.00518	.00409	.00145	.00057	.00067
%RSD	22.850	291.26	57.414	139.37	79.379	17.617	111.08

#1	.08417	-.00009	-.01490	-.00523	-.00340	-.00319	.00137
#2	.06441	.00000	-.00707	.00179	-.00152	-.00269	.00034
#3	.10268	.00030	-.00510	-.00536	-.00055	-.00383	.00011

Sample Name: PB120614BL Acquired: 6/14/2019 15:44:46 Type: Unk
Method: P4-ICP2(v3199) 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	-.00021	-.0005	-.00011	F 4.0214	F<.00000
Stddev	.00081	.0009	.00007	.1105	.21909
%RSD	391.99	178.9	70.607	2.7474	33.828

#1	-.00093	-.0012	-.00006	3.9063	-.44889
#2	-.00036	.0005	-.00019	4.1266	-.61152
#3	.00067	-.0009	-.00007	4.0311	-.88259

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2321.9	34780.	3544.8	59.044	2532.5
Stddev	3.0	90.	42.3	.963	1.9
%RSD	.12961	.25841	1.1921	1.6304	.07595

#1	2321.9	34681.	3592.8	59.192	2530.4
#2	2318.9	34857.	3513.4	59.925	2532.8
#3	2324.9	34801.	3528.1	58.017	2534.2

Sample Name: K3253-01MSD Acquired: 6/14/2019 15:53:04 Type: Unk
Method: P4-ICP2(v3199) 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	.76548	1.9083	.93203	1.9359	.78485	1.9613	.20143	.19574	.18054
Stddev	.00370	.0038	.00092	.0031	.00311	.0092	.00027	.00054	.00016
%RSD	.48315	.19781	.09909	.15758	.39606	.46642	.13360	.27549	.09053

#1	.76775	1.9086	.93273	1.9325	.78439	1.9526	.20125	.19551	.18043
#2	.76748	1.9043	.93099	1.9371	.78200	1.9708	.20174	.19535	.18073
#3	.76121	1.9118	.93238	1.9382	.78816	1.9603	.20131	.19635	.18047

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.6144	.39810	.18915	.33507	3.0645	.20578	1.8764	.46979	.07100
Stddev	.0099	.00090	.00069	.00108	.0010	.00067	.0098	.00151	.00044
%RSD	.61391	.22566	.36624	.32108	.03405	.32589	.52122	.32081	.61982

#1	1.6045	.39724	.18862	.33523	3.0642	.20506	1.8677	.47001	.07151
#2	1.6144	.39903	.18994	.33605	3.0637	.20639	1.8870	.47117	.07071
#3	1.6243	.39803	.18891	.33391	3.0657	.20590	1.8746	.46818	.07079

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	3.5443	.29028	.22099	9.8633	.39622	.28046	.01625	.84382	.64213
Stddev	.0166	.00058	.00036	.0331	.00070	.00560	.00426	.00143	.00005
%RSD	.46794	.20139	.16104	.33603	.17641	1.9984	26.213	.16915	.00712

#1	3.5415	.28978	.22128	9.8505	.39702	.28671	.02117	.84503	.64216
#2	3.5621	.29092	.22110	9.9009	.39590	.27589	.01386	.84224	.64208
#3	3.5293	.29013	.22059	9.8385	.39574	.27878	.01372	.84418	.64216

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19118	.19018	5.366	.19772	2.1846	5.9156
Stddev	.00125	.00157	.003	.00047	.1238	.6105
%RSD	.65291	.82531	.0553	.23543	5.6679	10.320

#1	.19015	.18870	5.363	.19739	2.0712	6.5880
#2	.19257	.19183	5.367	.19751	2.1659	5.7627
#3	.19082	.19002	5.368	.19825	2.3167	5.3960

Sample Name: K3253-01MSD Acquired: 6/14/2019 15:53:04 Type: Unk
Method: P4-ICP2(v3199) 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	2542.4	38645.	3909.2	66.908	2785.2
Stddev	2.8	31.	3.9	1.248	4.5
%RSD	.11130	.08113	.09882	1.8658	.16279
#1	2545.3	38630.	3911.5	66.817	2788.4
#2	2539.6	38625.	3911.4	65.708	2780.0
#3	2542.3	38681.	3904.8	68.200	2787.1

Sample Name: K3282-02 Acquired: 6/14/2019 15:57:10 Type: Unk
Method: P4-ICP2(v3199) 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	.00116	-.00267	.00538	.00032	-.00053	.49506	.26129
Stddev	.00319	.00054	.00130	.00258	.00057	.00360	.00063
%RSD	275.68	20.083	24.110	799.64	107.19	.72782	.24259

#1	.00098	-.00226	.00401	-.00236	-.00033	.49913	.26164
#2	.00442	-.00249	.00659	.00278	-.00117	.49376	.26166
#3	-.00194	-.00328	.00556	.00055	-.00009	.49228	.26056

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	-.00020	1.2522	.00074	.00042	.00445	1.1613
Stddev	.00006	.00004	.0164	.00015	.00008	.00011	.0116
%RSD	62.729	20.937	1.3077	19.971	20.232	2.5540	.99449

#1	.00011	-.00024	1.2359	.00059	.00041	.00455	1.1716
#2	.00017	-.00016	1.2522	.00089	.00051	.00432	1.1488
#3	.00004	-.00021	1.2686	.00075	.00034	.00448	1.1635

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04153	.17191	-.00088	-.00050	146.38	.00031	.12555
Stddev	.00046	.01310	.00082	.00033	.81	.00020	.00011
%RSD	1.1095	7.6175	94.053	65.552	.55567	65.848	.08467

#1	.04195	.18438	-.00152	-.00020	147.03	.00011	.12545
#2	.04103	.17308	.00005	-.00045	145.47	.00029	.12566
#3	.04160	.15827	-.00116	-.00086	146.64	.00051	.12554

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6420	.00020	.03663	.50298	.45031	-.00225	.00564
Stddev	.0146	.00032	.01014	.00504	.00523	.00070	.00177
%RSD	.25819	159.85	27.671	1.0030	1.1618	31.055	31.382

#1	5.6552	.00053	.04826	.49819	.45599	-.00272	.00597
#2	5.6444	.00017	.02967	.50249	.44569	-.00145	.00721
#3	5.6264	-.00010	.03197	.50825	.44924	-.00259	.00372

Sample Name: K3282-02 Acquired: 6/14/2019 15:57:10 Type: Unk
 Method: P4-ICP2(v3199) 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	.00029	.0198	.00774	5.5868	F<.00000
Stddev	.00013	.0010	.00011	.0795	.95433
%RSD	45.974	5.161	1.3851	1.4237	30.923
#1	.00044	.0188	.00762	5.5059	-2.7571
#2	.00018	.0208	.00778	5.5895	-2.3398
#3	.00026	.0198	.00782	5.6649	-4.1614
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2217.7	32607.	3448.9	59.339	2292.0
Stddev	7.8	278.	20.5	1.335	8.3
%RSD	.35129	.85296	.59533	2.2497	.36167
#1	2209.2	32349.	3433.2	57.976	2282.9
#2	2219.4	32902.	3472.1	59.396	2299.2
#3	2224.5	32569.	3441.5	60.645	2293.8

Sample Name: CCV03 Acquired: 6/14/2019 16:01:35 Type: Unk
Method: P4-ICP2(v3199) 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	5.3710	5.2609	5.2396	5.3262	5.4055	10.675	10.868	.26922
Stddev	.0114	.0017	.0110	.0086	.0081	.035	.074	.00076
%RSD	.21206	.03252	.20968	.16058	.15085	.32564	.67814	.28316
#1	5.3579	5.2629	5.2475	5.3175	5.3961	10.681	10.929	.26974
#2	5.3783	5.2597	5.2271	5.3265	5.4102	10.707	10.888	.26957
#3	5.3769	5.2602	5.2443	5.3346	5.4103	10.638	10.786	.26834
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5863	26.096	1.0520	2.6170	1.3688	5.3086	2.7014	25.748
Stddev	.0021	.040	.0043	.0029	.0040	.0126	.0067	.109
%RSD	.08142	.15414	.40597	.10920	.28984	.23736	.24638	.42278
#1	2.5868	26.089	1.0567	2.6190	1.3642	5.3228	2.7051	25.627
#2	2.5840	26.139	1.0509	2.6138	1.3717	5.2990	2.7053	25.781
#3	2.5882	26.060	1.0483	2.6183	1.3704	5.3039	2.6937	25.837
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5767	1.3226	26.399	2.5994	2.6371	26.605	5.4109	5.1754
Stddev	.0043	.0045	.123	.0080	.0009	.160	.0021	.0301
%RSD	.16824	.33763	.46628	.30577	.03285	.60290	.03908	.58175
#1	2.5773	1.3260	26.498	2.6052	2.6374	26.756	5.4094	5.1797
#2	2.5721	1.3243	26.439	2.6026	2.6362	26.622	5.4133	5.1434
#3	2.5807	1.3176	26.261	2.5903	2.6378	26.437	5.4101	5.2031
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2786	4.9164	5.2163	5.1687	5.1432	5.360	5.1790	F 5.5927
Stddev	.0232	.0095	.0018	.0183	.0422	.013	.0319	.1657
%RSD	.43853	.19233	.03470	.35490	.82003	.2465	.61695	2.9632
#1	5.3026	4.9269	5.2142	5.1638	5.1849	5.360	5.2060	5.4552
#2	5.2564	4.9135	5.2173	5.1890	5.1443	5.347	5.1872	5.7768
#3	5.2767	4.9086	5.2174	5.1533	5.1005	5.374	5.1437	5.5463

Sample Name: CCV03 Acquired: 6/14/2019 16:01:35 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9324
Stddev .3618
%RSD 12.337

#1 3.2778
#2 2.5563
#3 2.9631

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2213.5	32937.	3460.0	56.211	2241.6
Stddev	5.6	218.	26.7	.903	5.9
%RSD	.25395	.66306	.77224	1.6069	.26435

#1	2207.6	32708.	3432.0	55.484	2234.8
#2	2214.1	32962.	3462.8	55.928	2244.7
#3	2218.8	33143.	3485.2	57.222	2245.3

Sample Name: CCB03 Acquired: 6/14/2019 16:05:33 Type: Unk
Method: P4-ICP2(v3199) 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	.00118	.00156	.00020	.00232	-.00002	-.00575	.00057
Stddev	.00304	.00049	.00145	.00140	.00050	.01320	.00011
%RSD	258.22	31.662	721.75	60.432	2322.7	229.73	19.501

#1	-.00109	.00187	-.00047	.00226	.00051	.00933	.00048
#2	.00464	.00099	-.00080	.00375	-.00048	-.01521	.00054
#3	-.00001	.00182	.00187	.00095	-.00009	-.01136	.00070

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00000	.00821	.00021	-.00019	.00019	.00146
Stddev	.00005	.00006	.01257	.00040	.00019	.00023	.00008
%RSD	72.163	3034.8	152.96	195.30	100.22	118.91	5.5583

#1	.00009	.00007	-.00063	.00004	-.00001	.00001	.00138
#2	.00002	-.00005	.02260	.00066	-.00038	.00012	.00146
#3	.00012	-.00001	.00268	-.00009	-.00016	.00045	.00154

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00756	-.00025	-.00084	F .52476	-.00024	-.00081
Stddev	.00006	.04029	.00031	.00004	.00784	.00037	.00006
%RSD	177.76	532.53	120.32	4.3630	1.4941	158.04	6.9775

#1	.00002	.04077	-.00016	-.00083	.52682	.00015	-.00078
#2	-.00009	.01918	-.00000	-.00089	.51609	-.00059	-.00078
#3	-.00002	-.03725	-.00059	-.00082	.53136	-.00026	-.00088

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05381	.00098	.00575	-.00709	.00331	-.00196	.00036
Stddev	.03716	.00031	.02028	.00115	.00090	.00026	.00030
%RSD	69.060	31.251	352.74	16.179	27.165	13.465	81.673

#1	.09641	.00098	-.00593	-.00637	.00273	-.00224	.00007
#2	.03693	.00128	.02917	-.00648	.00286	-.00194	.00035
#3	.02808	.00067	-.00599	-.00841	.00435	-.00171	.00067

Sample Name: CCB03 Acquired: 6/14/2019 16:05:33 Type: Unk
Method: P4-ICP2(v3199) 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	-.00027	-.0020	.00001	F 3.5409	F<.00000
Stddev	.00080	.0010	.00007	.1067	.73525
%RSD	293.58	48.36	1160.6	3.0129	136.34
#1	-.00040	-.0013	.00003	3.5766	-1.3881
#2	-.00100	-.0016	-.00007	3.6252	-.10225
#3	.00058	-.0031	.00006	3.4210	-.12742
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2323.0	34688.	3477.3	58.986	2532.7
Stddev	8.8	141.	14.3	.508	11.6
%RSD	.37840	.40556	.40990	.86182	.45797
#1	2313.6	34525.	3474.7	58.992	2523.4
#2	2324.4	34766.	3492.7	59.492	2529.0
#3	2331.1	34772.	3464.5	58.475	2545.7

Sample Name: K3253-01A Acquired: 6/14/2019 16:10:03 Type: Unk
Method: P4-ICP2(v3199) 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	.74848	1.8861	.92018	1.9111	.76138	1.9437	.19820	.19380	.17910
Stddev	.00143	.0038	.00382	.0073	.00204	.0155	.00182	.00047	.00054
%RSD	.19108	.20377	.41493	.38216	.26830	.79607	.91851	.24363	.30230
#1	.74900	1.8854	.91647	1.9069	.75957	1.9363	.19773	.19429	.17858
#2	.74959	1.8903	.92409	1.9195	.76098	1.9333	.19666	.19377	.17966
#3	.74687	1.8827	.91999	1.9069	.76360	1.9615	.20020	.19335	.17905
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5925	.39574	.18622	.32679	3.0485	.20295	1.9399	.46414	.07039
Stddev	.0083	.00047	.00009	.00099	.0032	.00039	.0703	.00106	.00038
%RSD	.52276	.11923	.04935	.30157	.10561	.19165	3.6246	.22923	.53424
#1	1.5853	.39613	.18632	.32620	3.0448	.20331	1.8655	.46515	.06996
#2	1.5907	.39522	.18621	.32793	3.0505	.20301	1.9491	.46423	.07060
#3	1.6016	.39587	.18613	.32625	3.0503	.20254	2.0052	.46303	.07062
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	4.3640	.28805	.21248	9.7488	.39178	.27539	.01914	.82857	.63495
Stddev	.0377	.00126	.00058	.0492	.00029	.02426	.00237	.00751	.00164
%RSD	.86300	.43745	.27527	.50476	.07412	8.8091	12.409	.90580	.25849
#1	4.3566	.28671	.21302	9.7715	.39152	.30339	.01694	.82261	.63363
#2	4.3305	.28823	.21254	9.6923	.39209	.26229	.02165	.83700	.63679
#3	4.4048	.28921	.21186	9.7825	.39174	.26050	.01882	.82610	.63442
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.19028	.18694	5.317	.19459	1.2938	6.4067			
Stddev	.00161	.00204	.004	.00096	.2043	.4720			
%RSD	.84744	1.0918	.0720	.49539	15.787	7.3671			
#1	.19110	.18487	5.320	.19361	1.5132	6.2578			
#2	.18842	.18895	5.313	.19554	1.1091	6.0272			
#3	.19132	.18698	5.317	.19462	1.2592	6.9352			

Sample Name: K3253-01A Acquired: 6/14/2019 16:10:03 Type: Unk
Method: P4-ICP2(v3199) 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	2581.9	38889.	3951.8	68.992	2812.7
Stddev	6.4	93.	23.9	2.092	6.5
%RSD	.24762	.23823	.60398	3.0324	.23000
#1	2589.3	38905.	3967.6	68.942	2820.2
#2	2579.1	38973.	3924.3	66.925	2809.0
#3	2577.5	38790.	3963.3	71.108	2809.0

Sample Name: PB120613BL Acquired: 6/14/2019 16:14:11 Type: Unk
Method: P4-ICP2(v3199) 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	-.00158	.00025	.00172	.00151	.00177	-.00554	.00045	.00001
Stddev	.00083	.00104	.00069	.00078	.00123	.01566	.00059	.00003
%RSD	52.773	409.92	39.893	51.651	69.561	282.53	129.96	380.32

#1	-.00094	-.00091	.00222	.00170	.00213	-.01994	.00047	.00004
#2	-.00128	.00056	.00201	.00218	.00040	-.00782	-.00014	.00002
#3	-.00252	.00111	.00094	.00065	.00278	.01113	.00103	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.02262	-.00003	.00020	.00506	.01914	.00075	-.02683
Stddev	.00005	.00304	.00035	.00010	.00018	.01184	.00048	.02056
%RSD	41.861	13.434	1060.6	51.876	3.4826	61.867	64.558	76.618

#1	.00017	.02033	-.00044	.00026	.00487	.00736	.00030	-.04690
#2	.00007	.02146	.00018	.00026	.00521	.01901	.00069	-.00581
#3	.00013	.02606	.00016	.00008	.00509	.03104	.00126	-.02778

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	-.00073	.52598	-.00027	.00021	.04081	.00049	-.01214
Stddev	.00047	.00027	.01775	.00011	.00012	.00122	.00044	.00640
%RSD	73.755	37.439	3.3749	41.662	54.712	2.9894	89.857	52.685

#1	.00103	-.00102	.54421	-.00037	.00027	.03945	.00087	-.01408
#2	.00077	-.00068	.52499	-.00015	.00029	.04180	.00001	-.01734
#3	.00012	-.00048	.50875	-.00029	.00008	.04116	.00060	-.00500

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00567	.00146	-.00195	-.00046	-.00231	-.0017	-.00008	3.7078
Stddev	.00180	.00261	.00025	.00094	.00094	.0003	.00006	.2249
%RSD	31.752	178.12	13.005	206.13	40.767	19.42	73.931	6.0652

#1	-.00444	-.00089	-.00166	-.00141	-.00199	-.0013	-.00014	3.4502
#2	-.00774	.00427	-.00214	-.00043	-.00337	-.0019	-.00003	3.8081
#3	-.00483	.00101	-.00204	.00047	-.00158	-.0019	-.00007	3.8650

Sample Name: PB120613BL Acquired: 6/14/2019 16:14:11 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .63886
%RSD 100.40

#1 -.12999
#2 -.42492
#3 -1.3541

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2309.7	34525.	3492.4	58.508	2520.6
Stddev	2.5	140.	6.1	1.584	3.8
%RSD	.11026	.40473	.17490	2.7072	.14962

#1	2307.8	34420.	3498.6	57.000	2520.2
#2	2308.9	34472.	3492.0	58.367	2517.0
#3	2312.6	34683.	3486.4	60.158	2524.5

Sample Name: PB120613BS Acquired: 6/14/2019 16:18:41 Type: Unk
Method: P4-ICP2(v3199) 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	.80566	2.0339	.99952	2.0065	.83617	2.0528	.21733	.20325	.19374
Stddev	.00251	.0046	.00093	.0046	.00288	.0418	.00300	.00046	.00035
%RSD	.31205	.22762	.09275	.22807	.34400	2.0352	1.3809	.22808	.18136

#1	.80848	2.0291	.99882	2.0014	.83771	2.0083	.21388	.20279	.19351
#2	.80366	2.0383	1.0006	2.0102	.83795	2.0587	.21935	.20372	.19355
#3	.80485	2.0341	.99918	2.0080	.83285	2.0913	.21876	.20324	.19414

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5672	.43252	.20571	.34146	3.2713	.22128	2.0177	.50666	.07385
Stddev	.0160	.00110	.00046	.00023	.0111	.00030	.0314	.00116	.00069
%RSD	1.0241	.25436	.22227	.06681	.34031	.13652	1.5584	.22864	.93009

#1	1.5556	.43136	.20579	.34163	3.2592	.22132	2.0066	.50583	.07306
#2	1.5855	.43355	.20522	.34120	3.2810	.22096	1.9933	.50618	.07420
#3	1.5606	.43264	.20612	.34156	3.2739	.22156	2.0532	.50799	.07430

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	3.5543	.31781	.19991	10.506	.43928	.30916	.86971	.87430	.70193
Stddev	.0351	.00096	.00009	.163	.00064	.01342	.01739	.01094	.00116
%RSD	.98866	.30211	.04666	1.5548	.14658	4.3407	1.9992	1.2517	.16595

#1	3.5139	.31877	.20001	10.325	.43859	.31731	.85062	.88691	.70129
#2	3.5783	.31782	.19987	10.554	.43938	.31649	.87387	.86860	.70122
#3	3.5705	.31685	.19984	10.641	.43987	.29367	.88464	.86738	.70327

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20996	.21341	5.761	.21390	3.8517	5.9639
Stddev	.00211	.00035	.027	.00049	.0953	.6920
%RSD	1.0052	.16303	.4616	.23008	2.4733	11.603

#1	.21171	.21341	5.770	.21415	3.8535	5.8512
#2	.21057	.21376	5.731	.21421	3.9461	6.7053
#3	.20762	.21307	5.782	.21333	3.7556	5.3351

Sample Name: PB120613BS Acquired: 6/14/2019 16:18:41 Type: Unk
 Method: P4-ICP2(v3199) 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	2317.2	34787.	3518.2	59.725	2512.1
Stddev	3.8	39.	43.6	1.541	4.0
%RSD	.16490	.11170	1.2407	2.5804	.15966
#1	2314.1	34800.	3468.6	58.042	2508.0
#2	2316.0	34743.	3535.0	61.067	2512.4
#3	2321.4	34817.	3550.9	60.067	2516.0

Sample Name: PB120627BL Acquired: 6/14/2019 16:22:49 Type: Unk
Method: P4-ICP2(v3199) 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	-.00357	-.00124	-.00079	-.00015	.00052	-.00570	.00029	.00010
Stddev	.00301	.00119	.00026	.00121	.00049	.00204	.00034	.00009
%RSD	84.261	95.951	32.325	787.89	93.833	35.855	119.18	84.294

#1	-.00115	-.00061	-.00053	-.00148	.00094	-.00458	.00003	.00010
#2	-.00262	-.00262	-.00082	.00014	-.00002	-.00446	.00015	.00002
#3	-.00694	-.00050	-.00104	.00088	.00065	-.00806	.00068	.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.01800	.00012	-.00006	.00033	.00120	-.00010	-.00985
Stddev	.00004	.01522	.00031	.00007	.00030	.00052	.00006	.00158
%RSD	89.828	84.599	262.60	112.73	90.964	43.541	56.341	15.994

#1	-.00008	.02735	.00018	-.00011	.00025	.00106	-.00009	-.01052
#2	-.00002	.02621	.00040	-.00007	.00008	.00076	-.00005	-.01098
#3	-.00002	.00043	-.00022	.00001	.00067	.00178	-.00016	-.00805

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00019	-.00052	.43576	-.00030	-.00101	.05051	.00041	-.00427
Stddev	.00031	.00039	.00400	.00020	.00009	.03320	.00004	.00881
%RSD	166.33	75.812	.91894	67.809	8.9062	65.723	9.0008	206.22

#1	-.00054	-.00013	.43202	-.00042	-.00105	.02054	.00043	.00001
#2	-.00006	-.00092	.43528	-.00007	-.00091	.04480	.00037	.00158
#3	.00004	-.00051	.43998	-.00041	-.00108	.08619	.00044	-.01441

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00475	-.00025	-.00294	-.00064	-.00379	-.0025	-.00005	3.6479
Stddev	.00552	.00099	.00029	.00061	.00208	.0010	.00004	.2060
%RSD	116.21	393.82	9.8215	94.952	54.837	40.97	74.904	5.6466

#1	-.00450	-.00003	-.00275	-.00134	-.00266	-.0021	-.00002	3.8834
#2	-.01039	-.00134	-.00279	-.00030	-.00619	-.0017	-.00010	3.5012
#3	.00064	.00061	-.00327	-.00028	-.00252	-.0036	-.00004	3.5591

Sample Name: PB120627BL Acquired: 6/14/2019 16:22:49 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev .55464
%RSD 101.49

#1 .09117
#2 -.91702
#3 -.81362

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2319.6	34573.	3497.6	57.181	2531.9
Stddev	2.3	190.	2.0	.360	1.9
%RSD	.10083	.54969	.05620	.63027	.07413

#1	2320.5	34354.	3496.8	56.800	2530.1
#2	2316.9	34687.	3496.1	57.225	2531.7
#3	2321.3	34679.	3499.8	57.517	2533.8

Sample Name: PB120627BS Acquired: 6/14/2019 16:27:17 Type: Unk
Method: P4-ICP2(v3199) 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	.75839	1.8994	.93997	1.8917	.79171	1.9649	.20735	.19054
Stddev	.00442	.0049	.00239	.0076	.00246	.0249	.00095	.00015
%RSD	.58240	.25550	.25389	.39985	.31030	1.2694	.45825	.07871

#1	.75929	1.8938	.94157	1.9001	.78887	1.9475	.20686	.19071
#2	.76230	1.9017	.94110	1.8898	.79310	1.9536	.20844	.19042
#3	.75360	1.9026	.93722	1.8853	.79316	1.9935	.20674	.19049

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18242	1.4938	.41669	.19520	.32218	3.1178	.21166	1.8996
Stddev	.00039	.0110	.00048	.00040	.00028	.0136	.00106	.0567
%RSD	.21515	.73299	.11457	.20291	.08564	.43592	.49990	2.9837

#1	.18220	1.4967	.41614	.19488	.32214	3.1021	.21050	1.9336
#2	.18287	1.5030	.41702	.19564	.32248	3.1265	.21191	1.8342
#3	.18219	1.4817	.41689	.19507	.32193	3.1247	.21257	1.9310

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47938	.06978	3.3696	.30585	.18755	10.036	.42593	.28289
Stddev	.00072	.00026	.0188	.00178	.00027	.087	.00171	.00648
%RSD	.15078	.36954	.55737	.58106	.14348	.86451	.40128	2.2918

#1	.47855	.06955	3.3497	.30413	.18731	9.9460	.42436	.28740
#2	.47971	.07006	3.3870	.30768	.18784	10.042	.42775	.27546
#3	.47988	.06972	3.3720	.30575	.18749	10.119	.42569	.28582

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00710	.84740	.66308	.20522	.20629	5.368	.21003	3.3634
Stddev	.00433	.02526	.00208	.00384	.00585	.006	.00608	.2883
%RSD	60.988	2.9807	.31336	1.8723	2.8363	.1122	2.8938	8.5729

#1	-.00237	.83328	.66081	.20095	.20253	5.363	.20617	3.3437
#2	-.01088	.87656	.66488	.20840	.21303	5.374	.21704	3.0854
#3	-.00806	.83236	.66355	.20631	.20330	5.367	.20689	3.6611

Sample Name: PB120627BS Acquired: 6/14/2019 16:27:17 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	6.3963
Stddev	.4786
%RSD	7.4819

#1	6.7475
#2	5.8512
#3	6.5903

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2369.9	35597.	3502.8	59.081	2588.2
Stddev	13.4	119.	95.5	1.054	17.9
%RSD	.56716	.33536	2.7260	1.7844	.69352

#1	2358.0	35508.	3544.1	59.767	2574.1
#2	2367.4	35551.	3393.6	57.867	2582.0
#3	2384.5	35733.	3570.7	59.608	2608.4

Sample Name: PB120627TB Acquired: 6/14/2019 16:31:23 Type: Unk
Method: P4-ICP2(v3199) 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	-.00318	-.00506	.00007	.00413	-.00037	-.00479	.00034
Stddev	.00377	.00051	.00104	.00098	.00109	.00105	.00028
%RSD	118.59	10.067	1391.4	23.643	294.93	22.026	82.608

#1	-.00696	-.00564	.00031	.00440	.00060	-.00358	.00052
#2	.00058	-.00478	.00097	.00495	-.00156	-.00527	.00002
#3	-.00316	-.00474	-.00106	.00305	-.00015	-.00552	.00047

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	-.00015	.02037	.00089	-.00011	.00039	.00211
Stddev	.00004	.00012	.01061	.00034	.00013	.00081	.00069
%RSD	178.32	82.320	52.080	38.092	115.71	205.98	32.503

#1	.00002	-.00029	.03234	.00051	-.00021	.00132	.00280
#2	-.00006	-.00011	.01214	.00099	.00004	-.00015	.00143
#3	-.00003	-.00005	.01662	.00117	-.00016	.00001	.00211

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00014	-.04294	.00132	.00100	303.20	-.00055	.00322
Stddev	.00001	.03580	.00018	.00075	.75	.00004	.00001
%RSD	10.308	83.374	13.333	74.884	.24661	7.1344	.22614

#1	-.00014	-.07486	.00130	.00123	302.77	-.00054	.00322
#2	-.00012	-.04975	.00151	.00160	302.77	-.00052	.00323
#3	-.00015	-.00423	.00116	.00016	304.06	-.00059	.00323

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09518	.00041	-.00091	.00310	.00313	-.00232	-.00053
Stddev	.02146	.00054	.01009	.00381	.00190	.00020	.00087
%RSD	22.552	131.10	1114.0	122.84	60.745	8.5792	163.62

#1	.11616	.00004	.00543	.00382	.00198	-.00242	-.00063
#2	.09610	.00104	-.01254	-.00102	.00209	-.00246	.00038
#3	.07326	.00016	.00439	.00650	.00533	-.00210	-.00134

Sample Name: PB120627TB Acquired: 6/14/2019 16:31:23 Type: Unk
Method: P4-ICP2(v3199) 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	-.00041	-.0025	-.00010	4.8949	F<.00000
Stddev	.00096	.0005	.00005	.2533	.71801
%RSD	231.22	18.96	50.649	5.1740	15.666

#1	-.00149	-.0029	-.00012	5.1771	-4.1542
#2	.00035	-.0027	-.00014	4.6872	-5.4120
#3	-.00011	-.0020	-.00004	4.8205	-4.1831

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2249.5	33131.	3556.3	59.506	2322.0
Stddev	.7	180.	4.3	2.525	4.1
%RSD	.03066	.54410	.11994	4.2425	.17622

#1	2250.3	32933.	3553.1	57.208	2323.6
#2	2249.2	33286.	3561.1	59.100	2325.0
#3	2248.9	33174.	3554.6	62.208	2317.3

Sample Name: K3369-01 Acquired: 6/14/2019 16:48:13 Type: Unk
Method: P4-ICP2(v3199) 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	.00019	-.00274	.05646	.00579	.00079	3.2847	.15993
Stddev	.00242	.00147	.00049	.00340	.00037	.0136	.00141
%RSD	1273.9	53.604	.86819	58.743	46.970	.41439	.88077

#1	.00230	-.00235	.05674	.00304	.00057	3.2877	.15843
#2	.00071	-.00437	.05589	.00473	.00122	3.2699	.16123
#3	-.00245	-.00151	.05674	.00959	.00058	3.2966	.16012

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	-.00032	92.727	.01752	.00065	.01690	2.6792
Stddev	.00005	.00008	.943	.00261	.00006	.00052	.0092
%RSD	21.412	24.450	1.0174	14.912	9.7577	3.0870	.34137

#1	.00031	-.00036	91.833	.01597	.00058	.01730	2.6731
#2	.00020	-.00023	93.713	.02053	.00068	.01709	2.6747
#3	.00024	-.00037	92.635	.01604	.00069	.01631	2.6897

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14347	13.829	.00100	-.00245	169.26	.00843	.03518
Stddev	.00015	.154	.00029	.00036	1.39	.00015	.00002
%RSD	.10191	1.1102	29.436	14.882	.82204	1.7789	.04924

#1	.14335	13.663	.00133	-.00263	168.31	.00827	.03516
#2	.14343	13.967	.00092	-.00269	170.85	.00857	.03519
#3	.14364	13.858	.00075	-.00203	168.61	.00846	.03519

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.511	.00193	.08285	F 24.815	F 12.225	-.00977	.13150
Stddev	.124	.00021	.01032	.037	.093	.00067	.00762
%RSD	1.0737	11.081	12.452	.14819	.75893	6.8375	5.7962

#1	11.398	.00216	.08326	24.850	12.165	-.00960	.12521
#2	11.643	.00189	.09295	24.820	12.332	-.01051	.13998
#3	11.492	.00174	.07233	24.777	12.179	-.00921	.12931

Sample Name: K3369-01 Acquired: 6/14/2019 16:48:13 Type: Unk
 Method: P4-ICP2(v3199) 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	.00394	.3629	.33948	5.2904	F<.00000
Stddev	.00024	.0037	.00177	.0495	.34077
%RSD	6.1818	1.031	.52084	.93594	22.655

#1	.00410	.3587	.33855	5.2972	-1.8376
#2	.00405	.3640	.34152	5.2378	-1.5184
#3	.00366	.3660	.33837	5.3361	-1.1565

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2203.2	32984.	3543.6	59.585	2306.5
Stddev	7.6	113.	15.3	1.010	7.3
%RSD	.34683	.34355	.43081	1.6947	.31640

#1	2194.4	32964.	3526.0	58.644	2298.0
#2	2206.4	32881.	3551.5	60.651	2310.6
#3	2208.6	33106.	3553.3	59.459	2310.8

Sample Name: K3369-01DUP Acquired: 6/14/2019 16:52:34 Type: Unk
Method: P4-ICP2(v3199) 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	.00072	-.00363	.05661	.00792	-.00004	3.2904	.15955
Stddev	.00188	.00024	.00033	.00316	.00169	.0453	.00064
%RSD	260.68	6.5058	.57571	39.902	4730.6	1.3758	.39869

#1	-.00141	-.00351	.05681	.00588	.00066	3.3168	.16028
#2	.00145	-.00348	.05678	.00631	.00120	3.2381	.15930
#3	.00213	-.00390	.05623	.01156	-.00196	3.3162	.15908

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00028	-.00040	93.453	.01654	.00085	.01672	2.6656
Stddev	.00005	.00005	.086	.00121	.00006	.00067	.0111
%RSD	16.790	11.798	.09248	7.3441	6.7778	4.0212	.41685

#1	.00031	-.00034	93.384	.01681	.00078	.01675	2.6545
#2	.00029	-.00044	93.550	.01521	.00088	.01737	2.6655
#3	.00022	-.00041	93.425	.01760	.00087	.01603	2.6768

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14396	13.936	.00110	-.00252	170.46	.00824	.03501
Stddev	.00060	.093	.00009	.00029	.24	.00016	.00010
%RSD	.41590	.66905	8.1649	11.631	.13810	1.8850	.29279

#1	.14358	13.853	.00119	-.00260	170.23	.00815	.03498
#2	.14465	14.037	.00101	-.00219	170.47	.00815	.03513
#3	.14364	13.919	.00110	-.00276	170.70	.00842	.03493

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.518	.00172	.09043	F 24.918	F 12.064	-.01026	.13210
Stddev	.023	.00025	.00729	.114	.043	.00051	.01716
%RSD	.20370	14.321	8.0589	.45618	.35427	4.9327	12.989

#1	11.513	.00200	.09737	24.792	12.015	-.01067	.11667
#2	11.497	.00153	.08284	25.014	12.084	-.00970	.12906
#3	11.543	.00163	.09109	24.947	12.093	-.01043	.15058

Sample Name: K3369-01DUP Acquired: 6/14/2019 16:52:34 Type: Unk
Method: P4-ICP2(v3199) 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	.00248	.3685	.33997	5.1597	F<.00000
Stddev	.00076	.0017	.00339	.1480	.68410
%RSD	30.474	.4742	.99815	2.8689	33.502

#1	.00195	.3666	.33765	5.3174	-2.7654
#2	.00215	.3688	.33840	5.1381	-1.9550
#3	.00334	.3700	.34387	5.0237	-1.4055

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2215.7	33028.	3555.2	59.501	2310.7
Stddev	3.2	84.	16.5	1.752	6.5
%RSD	.14646	.25472	.46484	2.9441	.28134

#1	2217.4	32950.	3561.8	58.801	2318.1
#2	2217.6	33017.	3567.5	58.207	2308.1
#3	2211.9	33117.	3536.4	61.494	2305.9

Sample Name: K3369-01LX5 Acquired: 6/14/2019 16:56:56 Type: Unk
Method: P4-ICP2(v3199) 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	-.00013	-.00048	.01259	.00363	.00062	.64727	.03267
Stddev	.00188	.00170	.00049	.00247	.00056	.02113	.00053
%RSD	1424.4	350.90	3.8542	67.923	89.455	3.2643	1.6362

#1	-.00024	.00057	.01287	.00135	.00079	.66354	.03279
#2	.00180	-.00244	.01286	.00329	.00108	.65487	.03209
#3	-.00196	.00042	.01203	.00625	.00000	.62339	.03313

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.00022	19.350	.00350	.00031	.00433	.57575
Stddev	.00000	.00004	.146	.00022	.00011	.00026	.00493
%RSD	3.5251	18.505	.75428	6.1829	37.244	6.1124	.85698

#1	.00013	-.00027	19.192	.00326	.00021	.00404	.57813
#2	.00012	-.00021	19.376	.00368	.00043	.00441	.57008
#3	.00013	-.00020	19.480	.00356	.00028	.00455	.57904

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03068	2.8501	-.00040	-.00103	34.993	.00154	.00646
Stddev	.00021	.0645	.00016	.00041	.153	.00049	.00004
%RSD	.68941	2.2624	39.371	39.569	.43724	32.065	.69561

#1	.03043	2.8731	-.00027	-.00142	34.903	.00145	.00648
#2	.03079	2.7773	-.00037	-.00107	34.906	.00110	.00640
#3	.03081	2.8999	-.00058	-.00061	35.170	.00208	.00648

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3772	.00048	.01250	5.1306	2.6836	-.00436	.02699
Stddev	.0406	.00004	.01903	.0183	.0310	.00037	.00031
%RSD	1.7072	8.1236	152.31	.35628	1.1565	8.5497	1.1599

#1	2.3343	.00049	.02519	5.1420	2.7191	-.00435	.02705
#2	2.4149	.00051	-.00939	5.1095	2.6618	-.00399	.02727
#3	2.3825	.00043	.02169	5.1403	2.6698	-.00473	.02665

Sample Name: K3369-01LX5 Acquired: 6/14/2019 16:56:56 Type: Unk
 Method: P4-ICP2(v3199) 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	-.00061	.0713	.07279	4.5548	F<.00000
Stddev	.00087	.0020	.00016	.0840	.43417
%RSD	142.31	2.868	.21610	1.8444	25.380

#1	-.00124	.0711	.07274	4.6457	-2.1130
#2	.00038	.0735	.07297	4.5387	-1.7685
#3	-.00098	.0694	.07267	4.4801	-1.2505

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2252.9	33639.	3482.0	59.392	2426.9
Stddev	4.4	55.	20.7	1.083	2.4
%RSD	.19701	.16399	.59330	1.8232	.09817

#1	2257.1	33576.	3468.2	60.632	2429.6
#2	2253.2	33677.	3472.0	58.913	2425.4
#3	2248.3	33665.	3505.7	58.631	2425.5

Sample Name: K3369-01MS Acquired: 6/14/2019 17:01:19 Type: Unk
Method: P4-ICP2(v3199) 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	.89860	2.0670	1.1035	2.1910	.82340	5.9410	.39606	.22648
Stddev	.00242	.0039	.0024	.0099	.00253	.0467	.00064	.00044
%RSD	.26959	.18851	.21474	.45111	.30724	.78553	.16279	.19464
#1	.89845	2.0686	1.1008	2.2006	.82615	5.9115	.39540	.22631
#2	.89625	2.0626	1.1042	2.1808	.82289	5.9166	.39669	.22615
#3	.90109	2.0699	1.1054	2.1917	.82117	5.9948	.39609	.22698
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20725	94.175	.47507	.22014	.36508	6.0478	.36839	15.972
Stddev	.00012	.543	.00491	.00010	.00117	.0196	.00040	.192
%RSD	.06023	.57610	1.0345	.04510	.32039	.32452	.10760	1.2017
#1	.20715	93.610	.47732	.22014	.36638	6.0267	.36809	15.771
#2	.20739	94.224	.46944	.22024	.36411	6.0511	.36824	15.990
#3	.20722	94.692	.47846	.22004	.36474	6.0656	.36884	16.154
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53011	.07776	172.33	.34776	.26170	23.035	.42811	.40433
Stddev	.00184	.00030	.87	.00020	.00011	.147	.00189	.03262
%RSD	.34750	.38359	.50668	.05623	.04268	.63692	.44038	8.0680
#1	.53023	.07809	171.32	.34779	.26159	22.878	.43007	.43315
#2	.52821	.07751	172.78	.34794	.26170	23.057	.42631	.41094
#3	.53188	.07768	172.88	.34755	.26181	23.169	.42794	.36891
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.647	F 13.754	.67952	.34438	.22987	7.049	.56473	5.5991
Stddev	.133	.014	.00278	.00140	.00029	.001	.00296	.1832
%RSD	.54102	.10186	.40904	.40635	.12668	.0158	.52496	3.2714
#1	24.589	13.762	.68269	.34511	.23004	7.050	.56237	5.4622
#2	24.552	13.738	.67833	.34527	.23005	7.049	.56376	5.8072
#3	24.799	13.761	.67753	.34277	.22954	7.047	.56806	5.5280

Sample Name: K3369-01MS Acquired: 6/14/2019 17:01:19 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.9559
Stddev	.2679
%RSD	6.7729

#1	3.7821
#2	3.8212
#3	4.2645

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2209.6	33044.	3495.0	59.635	2296.8
Stddev	15.3	50.	15.5	.655	9.2
%RSD	.69333	.15212	.44400	1.0984	.39846

#1	2193.0	33095.	3493.2	59.709	2286.7
#2	2223.1	33041.	3511.3	60.250	2304.6
#3	2212.8	32995.	3480.4	58.946	2299.2

Sample Name: CCV04 Acquired: 6/14/2019 17:13:52 Type: Unk
Method: P4-ICP2(v3199) 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	5.2846	5.0979	5.1237	5.1572	5.2820	10.391	10.545	.26140
Stddev	.0100	.0126	.0060	.0039	.0089	.084	.044	.00082
%RSD	.18985	.24764	.11683	.07553	.16852	.81208	.41499	.31362
#1	5.2899	5.0923	5.1262	5.1562	5.2909	10.302	10.505	.26227
#2	5.2908	5.0891	5.1169	5.1539	5.2820	10.470	10.592	.26064
#3	5.2730	5.1124	5.1281	5.1615	5.2731	10.401	10.538	.26129
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5123	25.091	1.0168	2.5525	1.3503	5.1415	2.6297	25.065
Stddev	.0012	.145	.0016	.0019	.0032	.0061	.0039	.204
%RSD	.04561	.57811	.15617	.07267	.23454	.11951	.14906	.81254
#1	2.5111	24.958	1.0153	2.5516	1.3538	5.1477	2.6335	24.832
#2	2.5134	25.246	1.0184	2.5546	1.3495	5.1354	2.6256	25.211
#3	2.5123	25.070	1.0166	2.5512	1.3476	5.1414	2.6299	25.152
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4911	1.2832	25.180	2.4798	2.5954	25.873	5.3251	4.9845
Stddev	.0021	.0024	.155	.0037	.0037	.061	.0080	.0447
%RSD	.08247	.18463	.61696	.15008	.14191	.23584	.14971	.89718
#1	2.4933	1.2859	25.050	2.4838	2.5974	25.868	5.3261	4.9459
#2	2.4905	1.2821	25.352	2.4765	2.5977	25.936	5.3325	5.0335
#3	2.4894	1.2815	25.138	2.4792	2.5912	25.814	5.3167	4.9741
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1301	4.7458	5.1015	5.0072	4.9371	5.186	4.9739	F 5.6958
Stddev	.0107	.0301	.0158	.0232	.0091	.010	.0093	.1128
%RSD	.20824	.63479	.31007	.46311	.18474	.1950	.18711	1.9797
#1	5.1178	4.7783	5.1166	5.0001	4.9396	5.190	4.9813	5.7350
#2	5.1374	4.7188	5.1028	4.9884	4.9270	5.175	4.9634	5.5687
#3	5.1350	4.7404	5.0850	5.0331	4.9447	5.194	4.9768	5.7837

Sample Name: CCV04 Acquired: 6/14/2019 17:13:52 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2453
Stddev .1966
%RSD 8.7546

#1 2.2850
#2 2.4191
#3 2.0320

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2203.1	33186.	3502.7	56.788	2247.0
Stddev	6.7	87.	20.8	.307	3.6
%RSD	.30205	.26195	.59297	.54043	.15839

#1	2198.6	33150.	3480.1	57.027	2244.2
#2	2199.9	33122.	3521.0	56.442	2245.8
#3	2210.7	33285.	3506.9	56.894	2251.0

Sample Name: CCB04 Acquired: 6/14/2019 17:17:51 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00152	.00002	.00130	-.00002	-.01092	.00041
Stddev	.00197	.00171	.00056	.00213	.00062	.00631	.00071
%RSD	5868.8	112.54	3037.5	163.82	2530.4	57.833	170.45

#1	-.00182	.00119	.00066	-.00104	-.00048	-.01352	-.00011
#2	-.00036	.00337	-.00023	.00313	-.00027	-.01551	.00122
#3	.00208	-.00000	-.00038	.00182	.00068	-.00372	.00014

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00008	.01918	.00019	-.00009	.00059	.00060
Stddev	.00005	.00004	.00384	.00035	.00015	.00001	.00036
%RSD	74.644	51.932	20.050	183.79	167.10	1.8617	59.270

#1	.00003	-.00004	.02223	.00039	.00006	.00059	.00097
#2	.00011	-.00008	.02044	.00040	-.00010	.00060	.00026
#3	.00004	-.00012	.01486	-.00021	-.00023	.00058	.00057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.07082	.00000	-.00067	.31200	-.00060	-.00078
Stddev	.00003	.04479	.00003	.00009	.00825	.00042	.00007
%RSD	42.464	63.251	753.85	13.222	2.6445	69.137	8.4399

#1	-.00009	-.10709	-.00003	-.00065	.30264	-.00087	-.00071
#2	-.00005	-.02075	.00002	-.00077	.31821	-.00012	-.00083
#3	-.00004	-.08462	.00003	-.00060	.31516	-.00081	-.00081

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07699	.00116	.00766	-.00865	-.00023	-.00136	.00059
Stddev	.05325	.00044	.01184	.00123	.00153	.00034	.00093
%RSD	69.169	37.797	154.58	14.248	656.32	24.782	158.18

#1	.04477	.00166	.00041	-.01001	-.00199	-.00097	-.00010
#2	.04774	.00082	.02133	-.00760	.00081	-.00158	.00164
#3	.13846	.00101	.00125	-.00835	.00049	-.00153	.00022

Sample Name: CCB04 Acquired: 6/14/2019 17:17:51 Type: Unk
Method: P4-ICP2(v3199) 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	-.00223	-.0037	.00003	F 3.6536	F<.00000
Stddev	.00127	.0017	.00003	.1150	.71932
%RSD	56.703	46.93	83.330	3.1468	87.337
#1	-.00364	-.0052	.00006	3.7332	-1.0124
#2	-.00187	-.0018	.00002	3.7057	-.02872
#3	-.00118	-.0039	.00002	3.5218	-1.4297
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2312.5	34808.	3503.6	59.356	2544.8
Stddev	7.8	83.	22.6	.817	12.0
%RSD	.33564	.23895	.64559	1.3760	.47335
#1	2308.4	34736.	3477.6	58.533	2534.2
#2	2321.5	34789.	3518.5	59.367	2557.9
#3	2307.7	34899.	3514.8	60.167	2542.4

Sample Name: K3369-01MSD Acquired: 6/14/2019 17:22:20 Type: Unk
Method: P4-ICP2(v3199) 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	.89152	2.0363	1.0933	2.1646	.82091	5.7933	.39503	.22433
Stddev	.00581	.0021	.0005	.0077	.00264	.0058	.00113	.00028
%RSD	.65212	.10197	.04728	.35767	.32209	.10039	.28623	.12696
#1	.89823	2.0379	1.0927	2.1690	.82308	5.7909	.39426	.22405
#2	.88807	2.0370	1.0937	2.1557	.81797	5.7999	.39633	.22434
#3	.88826	2.0339	1.0935	2.1692	.82169	5.7890	.39450	.22461
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20461	93.315	.46732	.21703	.36132	5.9855	.36494	15.814
Stddev	.00023	.304	.00533	.00046	.00100	.0106	.00005	.051
%RSD	.11440	.32582	1.1409	.21262	.27755	.17717	.01437	.32177
#1	.20434	93.111	.46492	.21680	.36231	5.9753	.36495	15.756
#2	.20478	93.664	.46361	.21672	.36030	5.9848	.36489	15.847
#3	.20470	93.168	.47343	.21756	.36134	5.9964	.36499	15.840
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52287	.07685	171.30	.34349	.25949	22.711	.42770	.41210
Stddev	.00135	.00070	.50	.00116	.00003	.086	.00188	.00705
%RSD	.25905	.90945	.29158	.33786	.01154	.37707	.43970	1.7108
#1	.52147	.07612	171.41	.34301	.25947	22.807	.42927	.41144
#2	.52417	.07751	171.74	.34482	.25946	22.683	.42561	.40540
#3	.52298	.07691	170.76	.34265	.25952	22.642	.42821	.41945
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.554	F 13.454	.67894	.33082	.22708	6.979	.55638	5.3705
Stddev	.141	.092	.00126	.00560	.00125	.018	.00229	.0346
%RSD	.57425	.68532	.18512	1.6923	.55090	.2587	.41137	.64401
#1	24.394	13.358	.67916	.33722	.22670	6.959	.55789	5.3334
#2	24.663	13.541	.67759	.32841	.22606	6.994	.55751	5.4020
#3	24.604	13.464	.68007	.32683	.22848	6.985	.55375	5.3760

Sample Name: K3369-01MSD Acquired: 6/14/2019 17:22:20 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.8738
Stddev	.8014
%RSD	20.687

#1	4.6974
#2	3.8272
#3	3.0968

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2208.0	32937.	3505.8	59.514	2298.5
Stddev	4.1	140.	17.4	1.303	8.4
%RSD	.18659	.42645	.49495	2.1890	.36632

#1	2207.2	32811.	3488.8	58.408	2308.1
#2	2212.5	32912.	3505.2	59.183	2292.9
#3	2204.4	33089.	3523.5	60.950	2294.3

Sample Name: K3369-01A Acquired: 6/14/2019 17:26:26 Type: Unk
Method: P4-ICP2(v3199) 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	.91595	2.0804	1.1162	2.2221	.82936	6.0396	.39753	.22920
Stddev	.00723	.0030	.0019	.0138	.00133	.0671	.00293	.00057
%RSD	.78985	.14550	.17424	.61961	.16035	1.1107	.73679	.24937
#1	.92429	2.0839	1.1142	2.2372	.82912	5.9622	.39428	.22914
#2	.91137	2.0785	1.1181	2.2190	.83080	6.0789	.39997	.22867
#3	.91219	2.0788	1.1162	2.2102	.82817	6.0778	.39834	.22981
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20928	93.511	.47489	.22239	.37015	6.1315	.37127	15.835
Stddev	.00037	.863	.00043	.00073	.00106	.0191	.00067	.300
%RSD	.17824	.92281	.09002	.33014	.28739	.31107	.18147	1.8921
#1	.20969	92.526	.47537	.22266	.37087	6.1237	.37148	15.493
#2	.20920	93.876	.47477	.22156	.37064	6.1175	.37052	16.050
#3	.20896	94.132	.47453	.22295	.36893	6.1532	.37181	15.964
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53547	.07859	171.65	.35143	.26542	23.173	.43090	.41039
Stddev	.00051	.00050	1.25	.00207	.00033	.193	.00185	.00704
%RSD	.09495	.63810	.72686	.58943	.12418	.83182	.42880	1.7162
#1	.53490	.07805	170.21	.34933	.26505	22.951	.43302	.40991
#2	.53587	.07904	172.41	.35347	.26567	23.292	.42962	.40360
#3	.53563	.07868	172.33	.35149	.26554	23.277	.43006	.41766
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.714	F 13.893	.68214	.35785	.23050	7.125	.56366	5.5073
Stddev	.054	.088	.00250	.00661	.00119	.020	.00349	.1177
%RSD	.21826	.63140	.36587	1.8473	.51506	.2797	.61982	2.1372
#1	24.728	13.942	.68092	.35036	.22947	7.147	.56144	5.6424
#2	24.760	13.792	.68049	.36033	.23180	7.117	.56187	5.4528
#3	24.655	13.946	.68501	.36287	.23024	7.110	.56769	5.4268

Sample Name: K3369-01A Acquired: 6/14/2019 17:26:26 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.6282
Stddev	1.0749
%RSD	29.626

#1	2.3893
#2	4.1834
#3	4.3121

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2207.8	33172.	3517.7	59.160	2301.4
Stddev	7.2	115.	16.4	1.248	6.0
%RSD	.32765	.34656	.46736	2.1089	.26269

#1	2203.9	33286.	3512.2	60.063	2306.0
#2	2203.3	33056.	3536.2	59.681	2294.5
#3	2216.1	33174.	3504.8	57.736	2303.6

Sample Name: K3351-05 Acquired: 6/14/2019 17:30:33 Type: Unk
Method: P4-ICP2(v3199) 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	.06285	-.00877	.58680	-.01361	.00588	99.001	.43037	.02275
Stddev	.00236	.00200	.00267	.00254	.00361	.556	.00052	.00037
%RSD	3.7525	22.866	.45570	18.638	61.438	.56119	.12107	1.6451
#1	.06420	-.00921	.58815	-.01352	.00567	98.361	.43052	.02314
#2	.06421	-.00658	.58372	-.01112	.00238	99.276	.42979	.02271
#3	.06012	-.01051	.58853	-.01619	.00960	99.365	.43080	.02239
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00106	52.068	.15646	.08062	.36327	253.86	2.3098	8.6490
Stddev	.00012	.168	.00014	.00027	.00070	.84	.0021	.0187
%RSD	11.473	.32301	.09250	.33006	.19381	.33263	.08864	.21647
#1	.00103	52.107	.15651	.08046	.36327	254.10	2.3120	8.6703
#2	.00095	51.884	.15629	.08093	.36398	252.92	2.3080	8.6416
#3	.00119	52.213	.15657	.08048	.36257	254.55	2.3094	8.6351
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08147	-.01389	3.0794	.25567	1.8740	6.3105	-.00143	.07902
Stddev	.00028	.00029	.0180	.00123	.0046	.0229	.00010	.00921
%RSD	.34927	2.0568	.58285	.47944	.24457	.36282	7.2528	11.653
#1	.08118	-.01371	3.0965	.25709	1.8687	6.2897	-.00154	.07576
#2	.08175	-.01374	3.0810	.25486	1.8765	6.3350	-.00134	.07189
#3	.08149	-.01422	3.0607	.25508	1.8768	6.3067	-.00140	.08942
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97277	2.1484	.00963	.84229	.05031	8.259	-.09132	<.00000
Stddev	.00412	.0242	.00065	.00543	.00093	.005	.00086	.09243
%RSD	.42357	1.1258	6.7450	.64491	1.8552	.0628	.93658	15.636
#1	.96909	2.1623	.00937	.83887	.05058	8.258	-.09184	-.64368
#2	.97199	2.1205	.01037	.83945	.05108	8.265	-.09034	-.64533
#3	.97722	2.1625	.00915	.84855	.04927	8.255	-.09179	-.48441

Sample Name: K3351-05 Acquired: 6/14/2019 17:30:33 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 242.32
 Stddev 3.28
 %RSD 1.3537

#1 245.97
 #2 241.38
 #3 239.62

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2458.6	37105.	4006.0	59.020	2295.9
Stddev	2.2	22.	27.1	.600	3.2
%RSD	.08946	.06010	.67765	1.0163	.13757

#1	2460.4	37080.	3991.5	59.459	2299.4
#2	2456.2	37112.	4037.3	59.266	2293.3
#3	2459.4	37123.	3989.1	58.337	2295.0

Sample Name: K3351-07 Acquired: 6/14/2019 17:34:53 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-3860 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12916	-.01078	.43539	-.00891	.00574	107.33	.44048	.02119
Stddev	.00177	.00086	.00193	.00245	.00117	.45	.00016	.00037
%RSD	1.3710	7.9730	.44217	27.524	20.463	.42273	.03664	1.7419
#1	.12752	-.01048	.43761	-.00829	.00654	107.35	.44033	.02154
#2	.12893	-.01175	.43442	-.00682	.00439	107.78	.44048	.02080
#3	.13104	-.01011	.43414	-.01161	.00628	106.87	.44065	.02122
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00030	49.135	.24658	.04586	.31689	229.70	1.0609	12.185
Stddev	.00028	.214	.00097	.00034	.00038	1.42	.0020	.092
%RSD	92.072	.43500	.39234	.74182	.12100	.61843	.19124	.75652
#1	.00007	49.380	.24769	.04625	.31650	231.34	1.0611	12.255
#2	.00061	49.039	.24594	.04560	.31727	228.78	1.0629	12.220
#3	.00022	48.987	.24612	.04574	.31690	228.99	1.0588	12.081
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04654	-.01191	4.2365	.31294	.65398	13.206	.00105	.11178
Stddev	.00080	.00055	.0222	.00026	.00354	.060	.00005	.00305
%RSD	1.7084	4.6337	.52408	.08176	.54183	.45347	4.7792	2.7304
#1	.04706	-.01238	4.2615	.31265	.64989	13.231	.00103	.11189
#2	.04692	-.01206	4.2190	.31305	.65622	13.249	.00111	.10868
#3	.04562	-.01130	4.2291	.31313	.65582	13.137	.00101	.11478
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1311	3.3123	.00774	.75079	.08439	5.455	-.12845	<.00000
Stddev	.0063	.0449	.00133	.00528	.00114	.008	.00235	.17475
%RSD	.56173	1.3562	17.250	.70280	1.3504	.1510	1.8311	20.246
#1	1.1299	3.2605	.00863	.74557	.08329	5.463	-.13115	-.74215
#2	1.1380	3.3361	.00838	.75612	.08433	5.456	-.12686	-.78384
#3	1.1255	3.3404	.00620	.75068	.08557	5.447	-.12733	-1.0635

Sample Name: K3351-07 Acquired: 6/14/2019 17:34:53 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-3860 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 217.88
Stddev	2.92
%RSD	1.3414

#1	214.52
#2	219.89
#3	219.21

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2518.8	37819.	4064.7	59.113	2285.3
Stddev	19.0	85.	14.4	1.201	13.1
%RSD	.75329	.22435	.35316	2.0317	.57187

#1	2540.0	37728.	4079.1	57.909	2300.3
#2	2513.0	37834.	4050.4	59.118	2278.7
#3	2503.5	37896.	4064.6	60.311	2276.8

Sample Name: K3361-02 Acquired: 6/14/2019 17:39:22 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02332	-.03202	.08188	-.00318	.00226	113.85	.64409	.01358
Stddev	.00340	.00240	.00132	.00398	.00127	.47	.00092	.00036
%RSD	14.590	7.4992	1.6104	125.28	55.924	.41330	.14212	2.6491
#1	.02473	-.03375	.08274	-.00777	.00163	113.34	.64304	.01336
#2	.02580	-.03302	.08254	-.00093	.00144	114.26	.64471	.01400
#3	.01944	-.02928	.08036	-.00083	.00372	113.95	.64453	.01339
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00131	42.348	.17551	.12424	.34485	161.68	6.0400	45.174
Stddev	.00028	.171	.00110	.00018	.00086	1.06	.0377	.099
%RSD	21.495	.40299	.62798	.14787	.24840	.65718	.62426	.21908
#1	.00120	42.393	.17456	.12407	.34451	162.63	5.9972	45.075
#2	.00110	42.492	.17526	.12423	.34422	161.87	6.0681	45.173
#3	.00163	42.160	.17672	.12444	.34583	160.53	6.0548	45.273
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60564	-.00969	2.4472	.20885	.46628	15.360	-.00107	.05809
Stddev	.00102	.00042	.0059	.00096	.00472	.029	.00014	.01720
%RSD	.16884	4.3834	.24051	.46057	1.0131	.18664	12.715	29.607
#1	.60547	-.00998	2.4522	.20891	.46792	15.328	-.00096	.03969
#2	.60472	-.00920	2.4488	.20978	.46096	15.369	-.00103	.07376
#3	.60674	-.00988	2.4407	.20786	.46997	15.384	-.00122	.06083
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23907	3.5204	.00730	3.5403	.11418	6.491	-.08433	<.00000
Stddev	.00542	.0503	.00147	.0080	.00112	.017	.00126	.10616
%RSD	2.2683	1.4302	20.152	.22494	.98034	.2561	1.4997	4.5375
#1	.24034	3.4698	.00568	3.5353	.11502	6.508	-.08555	-2.2190
#2	.23313	3.5705	.00767	3.5495	.11461	6.475	-.08441	-2.3812
#3	.24375	3.5207	.00855	3.5362	.11291	6.489	-.08303	-2.4187

Sample Name: K3361-02 Acquired: 6/14/2019 17:39:22 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B10 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 158.78
 Stddev 1.18
 %RSD .74492

#1 158.15
 #2 160.15
 #3 158.05

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2730.7	40924.	4425.8	58.036	2266.7
Stddev	15.7	139.	15.7	2.176	15.8
%RSD	.57334	.34045	.35500	3.7494	.69634

#1	2712.7	40787.	4422.1	55.982	2248.8
#2	2739.8	40919.	4412.2	57.808	2273.1
#3	2739.8	41065.	4443.0	60.316	2278.3

Sample Name: K3361-04 Acquired: 6/14/2019 17:48:25 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: BAT-B15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31048	-.00665	13.938	.00122	.00765	48.843	6.1386	.02278
Stddev	.00389	.00200	.112	.00214	.00024	.150	.0181	.00003
%RSD	1.2528	30.067	.80002	175.71	3.1041	.30652	.29485	.13643
#1	.30712	-.00595	13.841	.00099	.00758	48.692	6.1181	.02281
#2	.31474	-.00510	14.060	.00346	.00745	48.991	6.1454	.02275
#3	.30958	-.00891	13.913	-.00080	.00791	48.845	6.1524	.02278
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01080	179.06	.17308	.16843	2.4408	195.06	2.3176	61.815
Stddev	.00021	.37	.00076	.00134	.0180	.37	.0009	.256
%RSD	1.9739	.20597	.43932	.79626	.73818	.19086	.04005	.41445
#1	.01056	178.70	.17220	.16692	2.4273	195.15	2.3167	61.719
#2	.01091	179.43	.17346	.16886	2.4612	194.65	2.3186	62.106
#3	.01095	179.06	.17358	.16950	2.4337	195.38	2.3174	61.621
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2236	-.01878	10.733	4.8951	3.6335	8.7290	.04905	.09629
Stddev	.0088	.00016	.059	.0078	.0270	.0262	.00047	.01071
%RSD	.72233	.87009	.54833	.16029	.74340	.30069	.96758	11.124
#1	1.2205	-.01881	10.673	4.8865	3.6106	8.7005	.04858	.10683
#2	1.2335	-.01894	10.791	4.9019	3.6633	8.7522	.04953	.08542
#3	1.2166	-.01861	10.735	4.8969	3.6266	8.7345	.04903	.09661
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 10.945	1.6387	.05715	2.1695	.10666	F 15.80	.79285	<.00000
Stddev	.113	.0194	.00216	.0092	.00078	.11	.00523	.13661
%RSD	1.0363	1.1838	3.7798	.42604	.73524	.7140	.65908	12.031
#1	10.814	1.6337	.05533	2.1646	.10581	15.71	.79235	-1.1520
#2	11.014	1.6222	.05954	2.1637	.10682	15.93	.78790	-.99138
#3	11.007	1.6600	.05659	2.1802	.10735	15.76	.79831	-1.2631

Sample Name: K3361-04 Acquired: 6/14/2019 17:48:25 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: BAT-B15 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 199.69
Stddev	1.18
%RSD	.58978

#1	198.89
#2	201.05
#3	199.14

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2531.4	38868.	4266.7	56.720	2171.4
Stddev	21.5	72.	33.1	1.883	17.6
%RSD	.84846	.18506	.77618	3.3190	.81284

#1	2544.3	38837.	4247.3	54.984	2184.6
#2	2506.6	38950.	4304.9	56.454	2151.3
#3	2543.2	38816.	4247.8	58.721	2178.2

Sample Name: K3366-01 Acquired: 6/14/2019 17:52:40 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-SOIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05052	-.07394	2.5333	-.02728	.01400	143.34	.75657	.02481
Stddev	.00169	.00266	.0069	.00409	.00211	.35	.00113	.00018
%RSD	3.3427	3.5960	.27331	15.002	15.037	.24206	.14884	.72976
#1	.04867	-.07099	2.5413	-.02392	.01408	142.94	.75570	.02491
#2	.05090	-.07616	2.5288	-.02608	.01606	143.60	.75784	.02491
#3	.05198	-.07467	2.5299	-.03184	.01186	143.47	.75617	.02460
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01350	129.53	.29088	.21344	1.6970	255.72	5.3549	72.734
Stddev	.00024	.41	.00102	.00044	.0134	1.41	.0305	.122
%RSD	1.7463	.31437	.34928	.20819	.79141	.55076	.56961	.16777
#1	.01371	129.50	.28977	.21395	1.7121	254.95	5.3198	72.870
#2	.01356	129.14	.29110	.21323	1.6925	254.87	5.3704	72.636
#3	.01325	129.96	.29177	.21314	1.6864	257.35	5.3746	72.695
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41535	-.02410	17.387	1.0005	6.0265	13.847	.00624	.31019
Stddev	.00141	.00021	.020	.0026	.0549	.034	.00025	.01689
%RSD	.33899	.85416	.11556	.26402	.91111	.24729	3.9582	5.4455
#1	.41613	-.02416	17.368	.99977	6.0846	13.824	.00618	.31537
#2	.41620	-.02427	17.386	1.0034	6.0192	13.886	.00604	.32387
#3	.41373	-.02387	17.408	.99826	5.9755	13.830	.00652	.29131
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 23.281	1.9078	.25099	7.9779	.23517	9.527	-.03458	<.00000
Stddev	.196	.0142	.00061	.0307	.00249	.031	.00232	.18058
%RSD	.84103	.74258	.24143	.38416	1.0570	.3300	6.7065	6.7148
#1	23.359	1.9239	.25050	7.9991	.23310	9.559	-.03296	-2.5837
#2	23.058	1.9021	.25167	7.9918	.23450	9.526	-.03353	-2.5864
#3	23.425	1.8973	.25080	7.9428	.23793	9.497	-.03723	-2.8978

Sample Name: K3366-01 Acquired: 6/14/2019 17:52:40 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OILY-SOIL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 330.03
Stddev	1.87
%RSD	.56799

#1	330.61
#2	331.55
#3	327.94

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2584.7	39506.	4448.5	55.925	2090.0
Stddev	20.5	55.	19.0	2.256	20.0
%RSD	.79323	.13806	.42702	4.0344	.95497

#1	2563.7	39481.	4429.7	53.725	2070.3
#2	2585.7	39568.	4448.2	55.816	2089.4
#3	2604.7	39468.	4467.7	58.233	2110.2

Sample Name: K3369-04 Acquired: 6/14/2019 17:57:13 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-SOIL-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02312	-.01983	.23097	-.00490	.00287	125.87	.69184	.01424
Stddev	.00199	.00051	.00107	.00142	.00098	.64	.00193	.00015
%RSD	8.5996	2.5930	.46233	28.974	34.273	.50904	.27833	1.0793
#1	.02112	-.01926	.23220	-.00384	.00202	125.51	.69137	.01441
#2	.02316	-.02025	.23030	-.00651	.00395	125.48	.69019	.01417
#3	.02509	-.01998	.23041	-.00434	.00264	126.61	.69395	.01413
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00041	46.174	.14928	.09832	.41479	161.94	4.8356	35.081
Stddev	.00013	.127	.00032	.00024	.00077	.24	.0148	.083
%RSD	32.810	.27456	.21746	.23985	.18641	.15089	.30654	.23788
#1	.00026	46.101	.14903	.09809	.41527	161.77	4.8261	35.073
#2	.00052	46.101	.14965	.09856	.41390	161.82	4.8526	35.003
#3	.00045	46.320	.14917	.09831	.41521	162.22	4.8279	35.169
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15257	-.00869	1.5580	.21536	.57162	11.397	.00030	.07665
Stddev	.00062	.00043	.0056	.00179	.00490	.016	.00019	.02199
%RSD	.40905	4.9593	.35761	.83329	.85677	.14384	62.720	28.686
#1	.15240	-.00915	1.5545	.21741	.56597	11.413	.00052	.05684
#2	.15206	-.00830	1.5644	.21405	.57451	11.380	.00021	.10031
#3	.15327	-.00861	1.5551	.21463	.57440	11.397	.00018	.07279
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59418	3.6928	.00804	1.9273	.13722	6.926	-.08963	<.00000
Stddev	.01852	.0224	.00056	.0029	.00068	.012	.00045	.33679
%RSD	3.1171	.60599	7.0036	.15254	.49805	.1759	.49924	40.159
#1	.60991	3.7155	.00826	1.9307	.13800	6.938	-.08981	-1.0272
#2	.59886	3.6921	.00845	1.9260	.13689	6.927	-.08912	-.44981
#3	.57376	3.6708	.00739	1.9253	.13676	6.914	-.08996	-1.0390

Sample Name: K3369-04 Acquired: 6/14/2019 17:57:13 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-3-SOIL-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 154.49
Stddev	1.97
%RSD	1.2745

#1	156.72
#2	153.00
#3	153.74

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2627.7	39577.	4292.3	58.649	2296.3
Stddev	22.1	53.	28.4	1.522	19.0
%RSD	.84142	.13495	.66155	2.5955	.82750

#1	2652.8	39625.	4321.7	59.563	2317.9
#2	2619.0	39586.	4265.0	59.493	2288.9
#3	2611.2	39520.	4290.3	56.892	2282.1

Sample Name: K3369-08 Acquired: 6/14/2019 18:01:42 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-SOIL-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01994	-.01922	.16785	-.00817	.00448	123.93	.86462	.01516
Stddev	.00335	.00195	.00218	.00211	.00421	.70	.00441	.00050
%RSD	16.789	10.163	1.2979	25.790	93.783	.56669	.50975	3.2778
#1	.01623	-.02118	.17036	-.00662	.00056	124.66	.86942	.01458
#2	.02084	-.01727	.16672	-.01057	.00398	123.25	.86077	.01545
#3	.02274	-.01921	.16646	-.00731	.00892	123.87	.86365	.01544
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00201	44.319	.14497	.10955	.50550	168.10	7.3123	45.092
Stddev	.00025	.147	.00015	.00070	.00181	.53	.0705	.308
%RSD	12.309	.33205	.10200	.64152	.35736	.31566	.96420	.68292
#1	.00183	44.471	.14497	.10950	.50545	168.71	7.3906	45.367
#2	.00229	44.178	.14511	.11028	.50372	167.88	7.2539	44.760
#3	.00190	44.307	.14482	.10887	.50733	167.72	7.2924	45.151
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20204	-.00800	1.1544	.17286	1.0596	14.972	-.00034	.09064
Stddev	.00032	.00047	.0077	.00198	.0075	.043	.00035	.00752
%RSD	.15960	5.8662	.66489	1.1427	.70567	.28958	104.60	8.3001
#1	.20212	-.00839	1.1631	.17281	1.0660	15.018	-.00002	.08673
#2	.20169	-.00748	1.1514	.17091	1.0615	14.932	-.00072	.08587
#3	.20232	-.00813	1.1487	.17486	1.0514	14.967	-.00027	.09931
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55115	2.7919	.00700	1.5231	.19568	5.349	-.03923	<.00000
Stddev	.01020	.0086	.00034	.0086	.00176	.018	.00078	.28484
%RSD	1.8505	.30875	4.9200	.56332	.90029	.3396	1.9871	20.944
#1	.54228	2.7882	.00690	1.5147	.19411	5.362	-.04011	-1.0968
#2	.56230	2.7858	.00738	1.5319	.19534	5.328	-.03862	-1.3208
#3	.54888	2.8018	.00671	1.5225	.19759	5.358	-.03895	-1.6624

Sample Name: K3369-08 Acquired: 6/14/2019 18:01:42 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-3-SOIL-2 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 164.63
Stddev	1.72
%RSD	1.0441

#1	163.43
#2	163.87
#3	166.60

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2681.7	40232.	4355.0	59.206	2284.6
Stddev	15.4	121.	27.8	1.269	16.1
%RSD	.57448	.30140	.63766	2.1429	.70681

#1	2669.4	40092.	4364.6	59.044	2273.0
#2	2676.7	40294.	4323.7	58.026	2277.6
#3	2699.0	40309.	4376.7	60.548	2303.0

Sample Name: K3369-12 Acquired: 6/14/2019 18:06:17 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-SOIL-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	.03108	-.01277	1.3993	-.00262	.00757	94.358	1.0705	.01044
Stddev	.00413	.00049	.0018	.00338	.00039	.656	.0066	.00019
%RSD	13.301	3.8725	.13182	129.03	5.1357	.69477	.61963	1.8539
#1	.03336	-.01236	1.4013	.00114	.00801	93.608	1.0630	.01033
#2	.03357	-.01262	1.3991	-.00542	.00733	94.648	1.0730	.01066
#3	.02631	-.01332	1.3976	-.00357	.00735	94.819	1.0756	.01033
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	36.356	.10430	.06331	.45650	130.83	4.1365	22.822
Stddev	.00020	.261	.00041	.00051	.00044	1.03	.0034	.221
%RSD	465.99	.71661	.39473	.80107	.09690	.78732	.08140	.96921
#1	.00021	36.065	.10398	.06279	.45603	129.80	4.1356	22.638
#2	-.00017	36.566	.10416	.06335	.45656	131.86	4.1403	22.762
#3	.00009	36.439	.10477	.06380	.45690	130.83	4.1337	23.068
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11258	-.00444	1.2049	.16307	1.1151	6.3768	.00062	.06175
Stddev	.00055	.00037	.0018	.00059	.0054	.0589	.00023	.01165
%RSD	.48736	8.3323	.15185	.36232	.48323	.92365	36.540	18.861
#1	.11290	-.00416	1.2028	.16269	1.1125	6.3145	.00044	.06296
#2	.11195	-.00430	1.2054	.16375	1.1213	6.4316	.00088	.07275
#3	.11291	-.00486	1.2064	.16277	1.1114	6.3842	.00055	.04955
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.95259	2.9547	.04651	1.3274	.09326	5.357	-.05088	.70351
Stddev	.00573	.0083	.00064	.0039	.00026	.010	.00101	.27538
%RSD	.60165	.28191	1.3706	.29516	.27828	.1820	1.9850	39.143
#1	.95484	2.9632	.04585	1.3230	.09332	5.368	-.04989	1.0073
#2	.94608	2.9543	.04712	1.3303	.09348	5.357	-.05191	.63293
#3	.95686	2.9465	.04657	1.3289	.09297	5.348	-.05084	.47030

Sample Name: K3369-12 Acquired: 6/14/2019 18:06:17 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-3-SOIL-3 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 108.97
 Stddev .68
 %RSD .62706

#1 108.73
 #2 109.73
 #3 108.43

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2506.6	37680.	4052.5	59.145	2368.4
Stddev	15.6	157.	17.7	1.230	11.7
%RSD	.62423	.41585	.43560	2.0803	.49400

#1	2514.4	37795.	4041.3	58.126	2375.0
#2	2488.5	37502.	4043.2	58.797	2354.9
#3	2516.7	37743.	4072.8	60.512	2375.3

Sample Name: CCV05 Acquired: 6/14/2019 18:10:39 Type: Unk
Method: P4-ICP2(v3199) 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	5.2991	5.0592	5.0900	5.1433	5.2973	10.380	10.599	.26003
Stddev	.0183	.0063	.0052	.0164	.0209	.061	.049	.00042
%RSD	.34459	.12472	.10176	.31886	.39529	.59158	.46619	.16268
#1	5.3202	5.0629	5.0872	5.1618	5.3199	10.312	10.551	.25996
#2	5.2876	5.0519	5.0960	5.1307	5.2936	10.396	10.598	.26048
#3	5.2896	5.0628	5.0868	5.1373	5.2785	10.432	10.649	.25965
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4813	24.951	1.0013	2.5333	1.3563	5.0935	2.6023	24.715
Stddev	.0045	.119	.0011	.0029	.0034	.0175	.0055	.320
%RSD	.18171	.47645	.11025	.11539	.24700	.34339	.20990	1.2950
#1	2.4777	24.814	1.0000	2.5315	1.3596	5.0827	2.6001	24.366
#2	2.4800	25.025	1.0021	2.5318	1.3562	5.1137	2.6085	24.995
#3	2.4864	25.014	1.0016	2.5367	1.3529	5.0842	2.5983	24.784
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4588	1.2797	25.068	2.4363	2.5817	25.817	5.3271	4.9970
Stddev	.0063	.0023	.132	.0026	.0016	.191	.0122	.0037
%RSD	.25713	.17676	.52485	.10839	.06285	.73841	.22957	.07504
#1	2.4586	1.2816	24.943	2.4383	2.5827	25.613	5.3410	4.9949
#2	2.4526	1.2804	25.056	2.4372	2.5826	25.848	5.3224	4.9949
#3	2.4652	1.2772	25.205	2.4333	2.5798	25.991	5.3180	5.0014
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1417	4.7005	5.0460	4.9809	4.8991	5.166	4.9422	F 5.6412
Stddev	.0116	.0168	.0106	.0248	.0136	.009	.0182	.0918
%RSD	.22488	.35774	.20953	.49699	.27846	.1755	.36792	1.6273
#1	5.1513	4.6910	5.0357	4.9523	4.8870	5.162	4.9218	5.6062
#2	5.1449	4.7199	5.0454	4.9955	4.9139	5.158	4.9568	5.7453
#3	5.1289	4.6906	5.0568	4.9949	4.8963	5.176	4.9479	5.5720

Sample Name: CCV05 Acquired: 6/14/2019 18:10:39 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.2320
Stddev	.9435
%RSD	42.271

#1	3.1718
#2	2.2392
#3	1.2849

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.9	33250.	3536.1	58.622	2254.1
Stddev	8.7	129.	27.2	1.240	3.1
%RSD	.39816	.38832	.76787	2.1158	.13723

#1	2187.8	33267.	3532.5	59.776	2251.9
#2	2197.6	33114.	3511.0	58.779	2252.7
#3	2205.3	33370.	3564.9	57.310	2257.6

Sample Name: CCB05 Acquired: 6/14/2019 18:14:37 Type: Unk
Method: P4-ICP2(v3199) 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	.00007	.00029	-.00012	.00042	-.00168	-.00175	.00030
Stddev	.00198	.00051	.00069	.00132	.00106	.00721	.00021
%RSD	2984.5	175.88	572.39	318.39	63.222	411.31	70.011

#1	.00049	.00066	.00016	.00186	-.00156	-.00073	.00044
#2	-.00209	.00052	-.00091	.00012	-.00069	.00489	.00006
#3	.00180	-.00030	.00039	-.00073	-.00281	-.00942	.00040

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00003	.00870	.00013	-.00009	.00024	.00194
Stddev	.00007	.00007	.01037	.00038	.00007	.00024	.00031
%RSD	60.169	209.75	119.23	281.68	80.673	99.745	16.156

#1	.00020	-.00004	.01778	.00035	-.00015	-.00004	.00219
#2	.00006	.00004	.01092	-.00030	-.00001	.00040	.00159
#3	.00009	.00010	-.00260	.00035	-.00011	.00036	.00204

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00735	.00001	-.00030	.18968	-.00058	-.00062
Stddev	.00001	.01291	.00009	.00036	.00618	.00007	.00002
%RSD	12.915	175.65	841.69	118.51	3.2562	12.563	3.8773

#1	.00006	.01448	.00005	-.00018	.18583	-.00055	-.00065
#2	.00007	.01512	.00008	-.00070	.18640	-.00053	-.00062
#3	.00006	-.00755	-.00010	-.00002	.19680	-.00066	-.00060

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04864	.00087	-.00234	-.00461	.00121	-.00234	.00215
Stddev	.02999	.00007	.00834	.00258	.00141	.00179	.00034
%RSD	61.647	7.8507	356.45	56.026	116.41	76.309	15.695

#1	.08241	.00093	.00487	-.00268	.00269	-.00150	.00190
#2	.02514	.00079	-.01147	-.00754	.00105	-.00113	.00254
#3	.03836	.00089	-.00042	-.00360	-.00011	-.00440	.00201

Sample Name: CCB05 Acquired: 6/14/2019 18:14:37 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00395	-0.0018	-0.00001	F 4.4287	F<.00000
Stddev	.00209	.0005	.00003	.2571	.43906
%RSD	52.954	25.54	502.62	5.8059	34.076
#1	-0.00189	-0.0018	.00001	4.4796	-1.7870
#2	-0.00607	-0.0023	.00001	4.6565	-1.1191
#3	-0.00389	-0.0014	-0.00004	4.1499	-.95932
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2298.1	35068.	3575.9	59.614	2548.5
Stddev	6.9	123.	14.1	1.090	5.4
%RSD	.29811	.34959	.39437	1.8284	.21365
#1	2296.8	34978.	3564.6	60.767	2547.5
#2	2292.0	35018.	3591.7	59.475	2543.7
#3	2305.5	35207.	3571.4	58.600	2554.4

Sample Name: K3369-16 Acquired: 6/14/2019 18:19:07 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-SOIL-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	.01138	-.00891	.04833	.00083	.00214	60.976	.14328	.00729
Stddev	.00095	.00100	.00169	.00514	.00084	.048	.00048	.00017
%RSD	8.3819	11.196	3.4966	623.22	39.009	.07924	.33268	2.2726

#1	.01068	-.00783	.04950	-.00308	.00275	60.966	.14292	.00746
#2	.01246	-.00911	.04910	.00665	.00119	61.029	.14382	.00729
#3	.01099	-.00980	.04639	-.00110	.00248	60.934	.14310	.00713

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00193	23.200	.07323	.05175	.16642	106.35	2.3607	18.204
Stddev	.00011	.132	.00052	.00046	.00047	.76	.0035	.033
%RSD	5.6840	.56800	.70779	.89201	.28310	.71476	.14651	.18276

#1	-.00191	23.340	.07268	.05200	.16667	107.20	2.3642	18.170
#2	-.00184	23.079	.07329	.05203	.16588	105.74	2.3606	18.236
#3	-.00205	23.182	.07372	.05122	.16671	106.11	2.3573	18.206

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07537	-.00394	.51308	.11146	.26988	5.3841	.00011	.05786
Stddev	.00057	.00020	.00211	.00092	.00028	.0310	.00053	.00351
%RSD	.75908	5.1852	.41221	.82527	.10554	.57649	492.31	6.0632

#1	.07471	-.00371	.51538	.11062	.26998	5.4011	.00062	.05843
#2	.07569	-.00407	.51267	.11244	.27010	5.3483	-.00043	.06104
#3	.07571	-.00404	.51121	.11133	.26956	5.4030	.00012	.05410

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26944	2.6703	.00080	1.1644	.07494	2.641	-.06699	2.3034
Stddev	.00550	.0364	.00065	.0066	.00031	.006	.00110	.0477
%RSD	2.0428	1.3636	81.534	.56211	.41660	.2429	1.6363	2.0703

#1	.26398	2.6292	.00089	1.1584	.07492	2.638	-.06816	2.3554
#2	.26935	2.6829	.00139	1.1633	.07463	2.649	-.06600	2.2932
#3	.27499	2.6987	.00010	1.1714	.07526	2.637	-.06680	2.2617

Sample Name: K3369-16 Acquired: 6/14/2019 18:19:07 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-3-SOIL-4 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 83.185
 Stddev .314
 %RSD .37736

#1 82.972
 #2 83.038
 #3 83.546

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2422.3	36994.	3899.1	60.758	2435.3
Stddev	11.6	98.	3.9	.740	15.9
%RSD	.47815	.26527	.09940	1.2181	.65099

#1	2421.1	36892.	3899.4	60.009	2429.8
#2	2411.3	37000.	3895.0	61.489	2422.9
#3	2434.4	37088.	3902.7	60.776	2453.1

Sample Name: K3369-16DUP Acquired: 6/14/2019 18:23:33 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-SOIL-4DU Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01064	-.00985	.04517	-.00003	.00266	61.243	.14264	.00716
Stddev	.00172	.00157	.00050	.00134	.00040	.374	.00110	.00035
%RSD	16.141	15.920	1.0992	4151.8	15.074	.61127	.77140	4.8686

#1	.01113	-.00968	.04461	.00148	.00292	60.955	.14284	.00705
#2	.01206	-.01150	.04555	-.00107	.00220	61.666	.14363	.00688
#3	.00873	-.00838	.04535	-.00050	.00286	61.107	.14146	.00755

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00193	23.308	.07319	.05174	.16693	107.01	2.3648	18.417
Stddev	.00005	.118	.00038	.00016	.00040	.58	.0016	.095
%RSD	2.3722	.50503	.51980	.30447	.23687	.53989	.06799	.51446

#1	-.00188	23.234	.07286	.05190	.16719	106.90	2.3643	18.339
#2	-.00194	23.444	.07312	.05158	.16712	107.64	2.3667	18.523
#3	-.00197	23.246	.07361	.05173	.16647	106.50	2.3636	18.390

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07554	-.00433	.52029	.11089	.26746	5.4481	-.00038	.05946
Stddev	.00063	.00043	.00652	.00065	.00088	.0191	.00024	.01091
%RSD	.83284	9.9445	1.2529	.58656	.32947	.34962	64.059	18.344

#1	.07541	-.00388	.51524	.11159	.26847	5.4544	-.00016	.04687
#2	.07499	-.00438	.51798	.11079	.26685	5.4633	-.00034	.06624
#3	.07622	-.00473	.52764	.11030	.26706	5.4268	-.00064	.06525

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26695	2.6401	.00031	1.1655	.07630	2.653	-.06787	2.7042
Stddev	.00339	.0174	.00028	.0024	.00096	.008	.00084	.1475
%RSD	1.2715	.65763	91.414	.20371	1.2537	.3124	1.2304	5.4554

#1	.27087	2.6580	.00016	1.1646	.07724	2.646	-.06769	2.6432
#2	.26491	2.6233	.00064	1.1637	.07634	2.650	-.06878	2.8725
#3	.26507	2.6391	.00014	1.1682	.07533	2.662	-.06714	2.5970

Sample Name: K3369-16DUP Acquired: 6/14/2019 18:23:33 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-3-SOIL-4DU Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	83.434
Stddev	1.917
%RSD	2.2972

#1	81.261
#2	84.162
#3	84.881

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2420.4	37012.	3934.5	60.928	2436.6
Stddev	5.7	148.	23.5	2.013	4.6
%RSD	.23347	.39896	.59757	3.3042	.18754

#1	2414.0	36948.	3908.5	59.978	2431.4
#2	2422.6	36907.	3940.9	63.240	2438.5
#3	2424.6	37181.	3954.1	59.565	2440.0

Sample Name: K3369-16LX5 Acquired: 6/14/2019 18:28:00 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120627BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00088	-.00172	.00959	-.00113	.00072	13.079	.03095	.00159
Stddev	.00099	.00040	.00048	.00425	.00210	.113	.00018	.00009
%RSD	112.72	23.265	4.9710	376.44	289.58	.86765	.58462	5.5310

#1	-.00008	-.00216	.01005	.00010	.00248	12.955	.03115	.00149
#2	.00190	-.00161	.00962	.00238	.00129	13.178	.03091	.00163
#3	.00082	-.00138	.00910	-.00586	-.00160	13.104	.03079	.00165

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00088	5.3115	.01605	.01047	.03669	24.758	.51355	3.9472
Stddev	.00000	.0164	.00005	.00024	.00061	.046	.00066	.0568
%RSD	.37661	.30900	.30220	2.3204	1.6669	.18531	.12924	1.4384

#1	-.00087	5.3015	.01611	.01019	.03740	24.742	.51307	3.8957
#2	-.00087	5.3304	.01603	.01064	.03633	24.809	.51327	3.9377
#3	-.00088	5.3025	.01602	.01057	.03635	24.722	.51430	4.0081

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01545	-.00126	.23129	.02394	.05269	1.1983	-.00013	.01497
Stddev	.00029	.00014	.00249	.00024	.00008	.0260	.00013	.00782
%RSD	1.8942	11.260	1.0779	1.0206	.14293	2.1713	95.874	52.225

#1	.01513	-.00119	.22970	.02420	.05272	1.1990	-.00012	.01688
#2	.01554	-.00143	.23416	.02391	.05261	1.2240	-.00001	.02165
#3	.01569	-.00117	.22999	.02372	.05275	1.1720	-.00027	.00637

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05006	.59889	-.00222	.25016	.01308	.5380	-.01650	4.1434
Stddev	.00328	.01055	.00069	.00106	.00077	.0005	.00009	.0447
%RSD	6.5508	1.7623	30.911	.42361	5.8989	.0845	.55488	1.0788

#1	.05073	.60094	-.00271	.25019	.01397	.5376	-.01649	4.0974
#2	.04650	.58746	-.00144	.24909	.01260	.5385	-.01660	4.1867
#3	.05296	.60826	-.00253	.25120	.01267	.5380	-.01642	4.1461

Sample Name: K3369-16LX5 Acquired: 6/14/2019 18:28:00 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120627BL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	15.445
Stddev	.426
%RSD	2.7579

#1	15.190
#2	15.208
#3	15.936

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2325.7	35566.	3681.1	62.311	2507.6
Stddev	10.3	17.	20.6	.775	4.9
%RSD	.44263	.04819	.55930	1.2431	.19627

#1	2313.8	35576.	3667.4	62.758	2503.1
#2	2332.5	35546.	3704.8	61.417	2512.8
#3	2330.7	35575.	3671.2	62.758	2506.8

Sample Name: K3369-16MS Acquired: 6/14/2019 18:32:25 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-SOIL-4MS 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	.81011	2.0490	1.0749	1.9051	.31322	66.775	.35499	.20780	.19694
Stddev	.00423	.0051	.0019	.0151	.00319	.497	.00276	.00042	.00039
%RSD	.52199	.24797	.18136	.79293	1.0169	.74498	.77642	.20142	.19657

#1	.81244	2.0493	1.0771	1.9076	.31002	66.203	.35189	.20737	.19738
#2	.81266	2.0438	1.0736	1.9188	.31325	67.013	.35595	.20780	.19679
#3	.80523	2.0540	1.0739	1.8889	.31639	67.109	.35715	.20821	.19665

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.681	.46612	.26400	.48620	97.424	2.5757	21.003	.58444	.06792
Stddev	.150	.00300	.00043	.00066	.733	.0052	.144	.00010	.00063
%RSD	.65919	.64417	.16366	.13570	.75244	.19991	.68437	.01791	.93247

#1	22.596	.46303	.26438	.48573	97.152	2.5698	20.843	.58433	.06734
#2	22.854	.46631	.26353	.48696	98.254	2.5783	21.045	.58453	.06860
#3	22.593	.46902	.26408	.48593	96.866	2.5791	21.121	.58447	.06781

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	3.4904	.38242	.48534	15.588	.39269	.30845	.25952	2.7639	.68972
Stddev	.0308	.00150	.00253	.135	.00081	.01488	.00448	.0161	.00081
%RSD	.88239	.39147	.52216	.86321	.20669	4.8252	1.7264	.58339	.11813

#1	3.4566	.38304	.48367	15.433	.39178	.29924	.25966	2.7821	.69034
#2	3.4976	.38071	.48825	15.662	.39292	.30050	.26394	2.7514	.69003
#3	3.5169	.38350	.48408	15.670	.39335	.32562	.25498	2.7582	.68880

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2374	.28170	8.691	.14799	3.4976	77.603
Stddev	.0044	.00182	.007	.00024	.1319	1.169
%RSD	.35881	.64762	.0771	.16333	3.7717	1.5058

#1	1.2425	.28251	8.699	.14806	3.3452	77.054
#2	1.2342	.28298	8.690	.14772	3.5727	76.810
#3	1.2356	.27962	8.686	.14819	3.5748	78.945

Sample Name: K3369-16MS Acquired: 6/14/2019 18:32:25 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-SOIL-4MS 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	2380.8	36438.	3793.3	61.534	2379.9
Stddev	10.5	83.	17.7	1.163	7.3
%RSD	.44113	.22742	.46572	1.8898	.30765
#1	2392.3	36529.	3777.1	62.034	2386.9
#2	2371.8	36366.	3790.6	62.363	2372.3
#3	2378.2	36419.	3812.1	60.205	2380.5

Sample Name: K3369-16MSD Acquired: 6/14/2019 18:36:37 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-SOIL-4MS 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	.80186	2.0359	1.0653	1.8956	.30918	66.217	.35229	.20611	.19496
Stddev	.00691	.0050	.0040	.0007	.00159	.288	.00177	.00038	.00030
%RSD	.86153	.24376	.37174	.03706	.51397	.43427	.50225	.18254	.15445

#1	.80661	2.0307	1.0626	1.8958	.31097	65.893	.35038	.20585	.19529
#2	.79393	2.0362	1.0635	1.8962	.30795	66.441	.35387	.20593	.19470
#3	.80503	2.0407	1.0699	1.8948	.30861	66.317	.35263	.20654	.19488

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.542	.46092	.26194	.48088	96.753	2.5367	20.823	.58054	.06763
Stddev	.091	.00060	.00110	.00156	.513	.0039	.168	.00081	.00109
%RSD	.40571	.12926	.41866	.32465	.53067	.15452	.80783	.13902	1.6154

#1	22.473	.46028	.26113	.48069	96.571	2.5335	20.637	.57978	.06889
#2	22.506	.46146	.26319	.47942	96.356	2.5410	20.964	.58045	.06689
#3	22.646	.46102	.26150	.48253	97.333	2.5356	20.869	.58139	.06712

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	3.4593	.38194	.47755	15.408	.38945	.31418	.25396	2.7189	.68372
Stddev	.0299	.00272	.00120	.074	.00113	.01180	.00739	.0215	.00218
%RSD	.86453	.71232	.25183	.48312	.28894	3.7569	2.9104	.79075	.31840

#1	3.4252	.38487	.47816	15.323	.38886	.32172	.25041	2.7428	.68268
#2	3.4809	.38145	.47616	15.442	.38874	.32026	.24902	2.7011	.68622
#3	3.4718	.37949	.47832	15.460	.39074	.30058	.26246	2.7128	.68226

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2087	.27803	8.579	.14686	3.2727	76.006
Stddev	.0040	.00070	.014	.00125	.0398	1.342
%RSD	.32775	.25355	.1589	.85264	1.2158	1.7651

#1	1.2119	.27883	8.564	.14828	3.2769	77.353
#2	1.2043	.27748	8.587	.14590	3.3103	75.995
#3	1.2101	.27779	8.588	.14641	3.2310	74.670

Sample Name: K3369-16MSD Acquired: 6/14/2019 18:36:37 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-SOIL-4MS 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	2392.1	36497.	3809.9	59.214	2389.7
Stddev	12.6	58.	25.9	.811	10.8
%RSD	.52770	.15962	.68044	1.3694	.45106
#1	2385.7	36563.	3785.8	58.305	2383.3
#2	2406.7	36479.	3837.3	59.864	2402.2
#3	2384.0	36451.	3806.6	59.473	2383.7

Sample Name: K3369-16A Acquired: 6/14/2019 18:40:50 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: PB120627BS 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	.80121	2.0342	1.0706	1.8969	.31257	65.724	.34998	.20634	.19585
Stddev	.00180	.0053	.0019	.0044	.00323	.285	.00277	.00047	.00007
%RSD	.22434	.25902	.17712	.23276	1.0333	.43433	.79258	.22752	.03331

#1	.80078	2.0381	1.0711	1.8961	.31455	65.706	.35138	.20688	.19590
#2	.80319	2.0282	1.0685	1.9017	.31431	65.449	.34678	.20607	.19587
#3	.79967	2.0363	1.0721	1.8930	.30884	66.019	.35177	.20607	.19578

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.561	.46263	.26278	.48272	97.063	2.5496	20.886	.58249	.06802
Stddev	.017	.00004	.00026	.00198	.284	.0023	.142	.00075	.00017
%RSD	.07390	.00933	.09712	.41117	.29229	.09007	.67853	.12853	.24532

#1	22.558	.46258	.26296	.48111	96.861	2.5506	20.875	.58209	.06820
#2	22.578	.46264	.26290	.48494	97.388	2.5470	20.749	.58336	.06788
#3	22.545	.46267	.26249	.48212	96.941	2.5512	21.032	.58203	.06797

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	3.4492	.37983	.48147	15.379	.39074	.30161	.25789	2.7087	.68604
Stddev	.0205	.00089	.00051	.036	.00085	.01144	.00621	.1629	.00064
%RSD	.59333	.23438	.10544	.23270	.21669	3.7919	2.4070	6.0149	.09274

#1	3.4392	.38075	.48191	15.386	.39056	.29156	.25236	2.7990	.68613
#2	3.4356	.37898	.48157	15.340	.39166	.29922	.26460	2.5206	.68536
#3	3.4727	.37975	.48091	15.411	.39000	.31406	.25670	2.8066	.68663

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1830	.27056	8.609	.13848	3.3198	77.130
Stddev	.0657	.01447	.021	.01429	.1270	1.449
%RSD	5.5573	5.3488	.2473	10.317	3.8248	1.8785

#1	1.2189	.27844	8.633	.14700	3.1765	77.819
#2	1.1071	.25386	8.605	.12199	3.4183	75.465
#3	1.2230	.27938	8.591	.14646	3.3646	78.105

Sample Name: K3369-16A Acquired: 6/14/2019 18:40:50 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PB120627BS 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	2383.4	36579.	3930.2	62.513	2382.7
Stddev	5.5	88.	205.1	2.358	1.7
%RSD	.22963	.24009	5.2190	3.7715	.07153
#1	2386.8	36551.	3795.2	60.486	2381.3
#2	2377.1	36508.	4166.2	65.100	2382.3
#3	2386.3	36677.	3829.2	61.952	2384.6

Sample Name: K3156-04 Acquired: 6/14/2019 18:52:31 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-061219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00129	-.00619	.01267	.00156	-.00061	.29750	.23383
Stddev	.00249	.00065	.00096	.00151	.00175	.01892	.00067
%RSD	192.94	10.459	7.5739	97.062	285.09	6.3592	.28535

#1	-.00267	-.00655	.01222	.00130	-.00037	.28719	.23429
#2	.00158	-.00659	.01201	.00019	.00100	.31934	.23412
#3	-.00278	-.00545	.01377	.00318	-.00247	.28598	.23306

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00009	20.430	.00005	.00453	.01311	.24840
Stddev	.00005	.00007	.087	.00035	.00002	.00047	.00186
%RSD	21.053	76.880	.42383	747.29	.41744	3.5951	.75070

#1	.00027	-.00012	20.455	.00003	.00454	.01285	.24793
#2	.00025	-.00001	20.501	-.00029	.00453	.01283	.25046
#3	.00018	-.00012	20.333	.00040	.00450	.01366	.24682

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57722	4.3293	.00228	-.00050	312.62	-.00151	.07479
Stddev	.00034	.0925	.00028	.00021	1.24	.00016	.00018
%RSD	.05837	2.1355	12.072	42.402	.39601	10.256	.24422

#1	.57761	4.3489	.00245	-.00027	311.42	-.00166	.07460
#2	.57702	4.4104	.00243	-.00053	312.55	-.00135	.07496
#3	.57704	4.2286	.00196	-.00069	313.89	-.00152	.07482

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88152	.00014	.02532	.43964	1.7627	-.00235	.01104
Stddev	.01883	.00021	.02648	.00923	.0034	.00091	.00098
%RSD	2.1358	153.23	104.60	2.0999	.19427	38.603	8.8375

#1	.88100	.00008	.05441	.42907	1.7662	-.00224	.01013
#2	.86296	-.00004	.00261	.44372	1.7625	-.00150	.01207
#3	.90060	.00036	.01894	.44613	1.7594	-.00330	.01091

Sample Name: K3156-04 Acquired: 6/14/2019 18:52:31 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-01-061219 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00231	.0052	.07719	6.5240	F<.00000
Stddev	.00052	.0018	.00038	.0743	.33149
%RSD	22.474	34.56	.49215	1.1386	6.0780
#1	-.00209	.0059	.07683	6.5399	-5.6729
#2	-.00195	.0032	.07759	6.5890	-5.0725
#3	-.00291	.0066	.07715	6.4430	-5.6162
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2143.3	32711.	3602.7	60.183	2243.8
Stddev	6.5	125.	5.3	.332	7.7
%RSD	.30382	.38222	.14772	.55230	.34416
#1	2136.3	32626.	3599.0	59.925	2234.9
#2	2144.5	32651.	3600.3	60.558	2248.9
#3	2149.1	32854.	3608.8	60.067	2247.7

Sample Name: K3156-04DUP Acquired: 6/14/2019 18:57:03 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-061219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00059	-.00606	.01246	.00269	-.00096	.30002	.23335
Stddev	.00127	.00156	.00084	.00208	.00089	.00312	.00072
%RSD	216.00	25.803	6.7778	77.379	92.987	1.0402	.30952

#1	.00189	-.00748	.01148	.00321	-.00022	.29839	.23271
#2	-.00065	-.00632	.01302	.00040	-.00071	.29805	.23321
#3	.00053	-.00438	.01286	.00446	-.00195	.30362	.23414

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00003	20.487	.00038	.00449	.01362	.24994
Stddev	.00002	.00002	.080	.00035	.00019	.00053	.00218
%RSD	10.207	55.365	.39037	92.738	4.1850	3.8932	.87297

#1	.00019	-.00003	20.487	.00017	.00452	.01330	.24906
#2	.00019	-.00005	20.406	.00018	.00465	.01423	.24833
#3	.00023	-.00001	20.566	.00079	.00428	.01333	.25242

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58103	4.3559	.00290	-.00120	312.70	-.00148	.07510
Stddev	.00182	.0373	.00055	.00012	.92	.00035	.00003
%RSD	.31377	.85702	18.865	10.095	.29408	23.513	.04362

#1	.58311	4.3150	.00227	-.00126	312.98	-.00179	.07512
#2	.58021	4.3880	.00322	-.00106	311.68	-.00111	.07511
#3	.57975	4.3649	.00321	-.00128	313.45	-.00153	.07506

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84464	-.00018	.03895	.44396	1.7958	-.00311	.01239
Stddev	.02572	.00024	.00962	.00224	.0094	.00185	.00041
%RSD	3.0454	139.38	24.685	.50431	.52387	59.398	3.3112

#1	.86809	-.00046	.03475	.44640	1.8062	-.00158	.01253
#2	.84869	-.00006	.03215	.44200	1.7931	-.00260	.01193
#3	.81713	-.00001	.04996	.44348	1.7880	-.00516	.01271

Sample Name: K3156-04DUP Acquired: 6/14/2019 18:57:03 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-061219 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00342	.0038	.07795	6.2880	F<.00000
Stddev	.00212	.0020	.00036	.0669	.84916
%RSD	62.013	52.55	.46001	1.0642	17.438

#1	-.00152	.0019	.07835	6.3647	-5.6588
#2	-.00304	.0060	.07766	6.2575	-3.9711
#3	-.00571	.0036	.07785	6.2417	-4.9788

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2156.3	32853.	3588.6	58.922	2254.8
Stddev	4.0	76.	16.8	.772	6.1
%RSD	.18397	.23238	.46804	1.3104	.26902

#1	2152.0	32767.	3570.2	58.317	2247.9
#2	2157.3	32910.	3592.4	59.792	2257.5
#3	2159.8	32883.	3603.1	58.658	2259.1

Sample Name: K3156-04LX5 Acquired: 6/14/2019 19:01:35 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 13803-13804 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00074	-.00229	.00217	-.00199	-.00024	.05307	.04619
Stddev	.00357	.00037	.00068	.00135	.00042	.00397	.00030
%RSD	480.38	16.014	31.041	67.846	173.45	7.4752	.65772

#1	-.00142	-.00269	.00248	-.00121	.00024	.05716	.04650
#2	-.00393	-.00196	.00140	-.00121	-.00044	.05282	.04590
#3	.00312	-.00224	.00264	-.00355	-.00053	.04924	.04616

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	-.00012	4.0518	.00006	.00065	.00340	.05188
Stddev	.00002	.00006	.0205	.00011	.00015	.00015	.00053
%RSD	17.775	52.981	.50514	170.73	22.262	4.4335	1.0307

#1	.00015	-.00011	4.0482	.00002	.00081	.00357	.05129
#2	.00011	-.00018	4.0738	-.00002	.00061	.00332	.05232
#3	.00012	-.00006	4.0334	.00019	.00054	.00330	.05204

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12148	.84792	-.00004	-.00056	61.842	-.00081	.01393
Stddev	.00038	.05542	.00034	.00018	.250	.00010	.00013
%RSD	.31354	6.5360	876.49	31.800	.40361	12.734	.90099

#1	.12107	.88532	-.00036	-.00049	62.130	-.00087	.01403
#2	.12156	.87418	.00032	-.00077	61.682	-.00069	.01379
#3	.12181	.78425	-.00008	-.00044	61.714	-.00088	.01396

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24034	.00031	-.00662	.08232	.38527	-.00298	.00183
Stddev	.01179	.00011	.02396	.00525	.01222	.00076	.00015
%RSD	4.9035	34.561	361.94	6.3825	3.1726	25.513	8.1285

#1	.22897	.00038	-.02597	.07967	.39931	-.00216	.00188
#2	.23955	.00018	-.01407	.07893	.37952	-.00314	.00194
#3	.25250	.00035	.02018	.08838	.37699	-.00365	.00166

Sample Name: K3156-04LX5 Acquired: 6/14/2019 19:01:35 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 13803-13804 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00200	.0003	.01603	5.5022	F<.00000
Stddev	.00046	.0010	.00029	.0789	.53400
%RSD	22.831	392.0	1.8403	1.4346	18.740

#1	-.00227	-.0002	.01636	5.5764	-2.7466
#2	-.00147	.0015	.01583	5.4192	-2.3743
#3	-.00226	-.0004	.01588	5.5111	-3.4274

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2243.6	34240.	3552.3	60.689	2429.4
Stddev	24.3	93.	73.7	1.061	19.1
%RSD	1.0818	.27246	2.0746	1.7490	.78431

#1	2233.7	34137.	3467.6	59.463	2421.1
#2	2271.2	34262.	3601.8	61.295	2451.2
#3	2225.8	34320.	3587.4	61.309	2415.9

Sample Name: K3156-04MS Acquired: 6/14/2019 19:06:03 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-061219 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	.83792	1.8761	.98567	2.0682	.84518	2.4305	.44273	.20717	.19337
Stddev	.00148	.0028	.00143	.0054	.00419	.0060	.00196	.00081	.00012
%RSD	.17679	.14850	.14466	.26184	.49536	.24807	.44325	.39133	.05991

#1	.83686	1.8731	.98731	2.0679	.84516	2.4357	.44221	.20625	.19350
#2	.83961	1.8765	.98475	2.0737	.84938	2.4239	.44490	.20775	.19331
#3	.83728	1.8786	.98495	2.0629	.84101	2.4320	.44108	.20753	.19329

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.448	.41189	.20750	.34226	3.3379	.77774	6.3218	.48713	.07197
Stddev	.053	.00056	.00036	.00086	.0069	.00156	.0356	.00023	.00023
%RSD	.24857	.13677	.17250	.25112	.20762	.20117	.56357	.04644	.31590

#1	21.419	.41129	.20731	.34166	3.3330	.77678	6.2813	.48709	.07217
#2	21.509	.41196	.20791	.34324	3.3458	.77955	6.3482	.48738	.07172
#3	21.415	.41241	.20728	.34187	3.3348	.77690	6.3359	.48693	.07201

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	302.20	.30489	.28447	11.796	.44429	.33735	.41745	2.5500	.70117
Stddev	1.00	.00098	.00048	.048	.00098	.01210	.00770	.0265	.00257
%RSD	.33032	.32300	.16845	.40549	.22074	3.5875	1.8437	1.0377	.36595

#1	301.14	.30404	.28467	11.825	.44399	.32355	.42009	2.5619	.69889
#2	303.12	.30597	.28482	11.822	.44539	.34613	.40879	2.5197	.70067
#3	302.35	.30466	.28392	11.741	.44350	.34239	.42349	2.5684	.70395

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21770	.20750	6.169	.27501	6.5319	1.2449
Stddev	.00047	.00058	.010	.00097	.1875	.9993
%RSD	.21397	.27855	.1590	.35206	2.8710	80.276

#1	.21726	.20779	6.180	.27419	6.3367	.09117
#2	.21765	.20683	6.166	.27476	6.7107	1.8017
#3	.21818	.20787	6.161	.27608	6.5483	1.8418

Sample Name: K3156-04MS Acquired: 6/14/2019 19:06:03 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: HD-01-061219 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	2200.2	33614.	3611.3	63.210	2301.5
Stddev	7.5	142.	14.8	1.244	4.2
%RSD	.34280	.42225	.41113	1.9679	.18257
#1	2205.2	33488.	3604.2	64.630	2303.3
#2	2191.6	33586.	3628.4	62.687	2296.7
#3	2204.0	33768.	3601.4	62.313	2304.5

Sample Name: CCV06 Acquired: 6/14/2019 19:10:19 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15124 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.3296	5.0524	5.1084	5.1207	5.3347	10.291	10.366	.26163
Stddev	.0120	.0193	.0186	.0102	.0126	.112	.042	.00037
%RSD	.22530	.38253	.36324	.19941	.23537	1.0841	.40350	.14151
#1	5.3286	5.0617	5.1213	5.1321	5.3395	10.199	10.355	.26125
#2	5.3182	5.0302	5.0871	5.1124	5.3205	10.259	10.332	.26165
#3	5.3421	5.0653	5.1169	5.1177	5.3442	10.415	10.413	.26199
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4747	24.554	.99767	2.5344	F 1.3788	5.0876	2.6337	24.549
Stddev	.0068	.242	.00159	.0080	.0015	.0039	.0012	.200
%RSD	.27550	.98371	.15954	.31718	.10724	.07611	.04450	.81457
#1	2.4765	24.441	.99950	2.5396	1.3772	5.0863	2.6329	24.373
#2	2.4672	24.390	.99670	2.5252	1.3791	5.0920	2.6332	24.507
#3	2.4805	24.831	.99679	2.5385	1.3801	5.0845	2.6351	24.766
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4442	1.2740	24.559	2.4233	2.5935	25.629	5.3917	4.8976
Stddev	.0042	.0026	.085	.0042	.0080	.075	.0071	.0206
%RSD	.17174	.20107	.34592	.17127	.30882	.29221	.13247	.42028
#1	2.4463	1.2767	24.510	2.4261	2.5978	25.578	5.3998	4.8867
#2	2.4393	1.2737	24.509	2.4185	2.5842	25.594	5.3863	4.8847
#3	2.4469	1.2716	24.657	2.4252	2.5984	25.715	5.3890	4.9213
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1441	4.7367	5.0498	4.9479	4.8840	5.083	4.8742	F 6.5965
Stddev	.0153	.0384	.0183	.0241	.0218	.020	.0205	.1502
%RSD	.29700	.81124	.36236	.48636	.44554	.3961	.42036	2.2769
#1	5.1519	4.7591	5.0622	4.9709	4.9087	5.085	4.8971	6.4245
#2	5.1538	4.7587	5.0288	4.9229	4.8757	5.063	4.8678	6.7017
#3	5.1265	4.6923	5.0585	4.9500	4.8676	5.103	4.8577	6.6632

Sample Name: CCV06 Acquired: 6/14/2019 19:10:19 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15124 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0648
Stddev 1.0267
%RSD 96.425

#1 2.2496
#2 .43717
#3 .50753

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2195.5	33794.	3544.3	58.211	2274.4
Stddev	6.3	124.	35.8	1.011	7.0
%RSD	.28730	.36797	1.0103	1.7375	.30664

#1	2188.3	33652.	3507.6	57.736	2268.4
#2	2197.7	33885.	3546.1	59.373	2282.1
#3	2200.3	33844.	3579.2	57.525	2272.7

Sample Name: CCB06 Acquired: 6/14/2019 19:14:18 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15124 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.00054	-.00020	.00109	-.00079	-.01280	.00059
Stddev	.00173	.00064	.00087	.00214	.00130	.00300	.00014
%RSD	981.71	119.38	441.62	196.07	164.67	23.465	24.106

#1	.00199	-.00012	.00078	.00348	-.00205	-.01624	.00069
#2	-.00147	.00056	-.00048	.00046	-.00088	-.01065	.00043
#3	.00001	.00117	-.00088	-.00067	.00055	-.01152	.00064

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	-.00008	.01652	.00016	.00004	.00075	.00095
Stddev	.00008	.00010	.00458	.00001	.00017	.00016	.00045
%RSD	125.15	130.34	27.752	5.1545	431.71	20.696	47.586

#1	.00003	-.00018	.02169	.00017	.00003	.00066	.00140
#2	.00016	.00002	.01491	.00017	-.00012	.00093	.00050
#3	.00000	-.00007	.01296	.00015	.00022	.00066	.00096

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00004	.04429	-.00035	-.00066	.20757	-.00040	-.00085
Stddev	.00004	.04929	.00022	.00020	.00775	.00029	.00006
%RSD	115.06	111.28	63.403	30.134	3.7339	74.150	7.5566

#1	.00000	.09012	-.00049	-.00068	.21621	-.00070	-.00079
#2	-.00003	.05061	-.00009	-.00045	.20529	-.00036	-.00092
#3	-.00008	-.00785	-.00047	-.00085	.20122	-.00012	-.00085

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04328	.00097	-.00192	-.00965	.00129	-.00201	.00018
Stddev	.01434	.00019	.00680	.00476	.00161	.00057	.00126
%RSD	33.140	19.606	353.59	49.343	124.59	28.108	714.46

#1	.02979	.00117	-.00652	-.01172	.00005	-.00190	-.00083
#2	.04170	.00094	-.00513	-.01303	.00311	-.00151	.00159
#3	.05834	.00079	.00588	-.00421	.00071	-.00263	-.00022

Sample Name: CCB06 Acquired: 6/14/2019 19:14:18 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCB15124 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00313	-.0032	.00001	F 5.0005	F<.00000
Stddev	.00047	.0013	.00004	.0419	.68947
%RSD	14.990	39.98	400.79	.83819	124.74
#1	-.00266	-.0047	-.00004	4.9605	-1.2707
#2	-.00360	-.0022	.00003	4.9970	-.49157
#3	-.00313	-.0029	.00003	5.0441	.10413
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2310.5	35505.	3550.1	59.964	2571.8
Stddev	3.8	113.	51.9	2.138	8.2
%RSD	.16620	.31888	1.4609	3.5648	.32044
#1	2307.4	35413.	3494.7	57.817	2565.0
#2	2309.4	35471.	3597.5	62.092	2569.4
#3	2314.8	35632.	3558.3	59.983	2581.0

Sample Name: K3156-04MSD Acquired: 6/14/2019 19:18:46 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-061219 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83169	1.8850	.98319	2.0736	.83684	2.4194	.44022	.20742
Stddev	.00493	.0056	.00315	.0050	.00229	.0363	.00152	.00093
%RSD	.59278	.29620	.32064	.24056	.27393	1.5009	.34538	.44908
#1	.83503	1.8834	.98425	2.0793	.83945	2.4010	.43858	.20649
#2	.82603	1.8912	.97965	2.0717	.83592	2.4613	.44051	.20835
#3	.83401	1.8804	.98568	2.0698	.83515	2.3960	.44158	.20741
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19436	21.442	.41197	.20753	.33748	3.3451	.78273	6.2776
Stddev	.00018	.204	.00129	.00045	.00122	.0134	.00174	.1594
%RSD	.09011	.95039	.31392	.21864	.36015	.40066	.22172	2.5397
#1	.19423	21.210	.41231	.20804	.33854	3.3364	.78235	6.0935
#2	.19429	21.526	.41306	.20719	.33775	3.3605	.78463	6.3665
#3	.19456	21.591	.41054	.20735	.33615	3.3384	.78122	6.3728
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49169	.07215	305.52	.30580	.28180	11.693	.44059	.33689
Stddev	.00274	.00077	3.07	.00057	.00034	.121	.00107	.01446
%RSD	.55650	1.0710	1.0062	.18537	.11959	1.0327	.24226	4.2935
#1	.48939	.07241	301.98	.30564	.28199	11.563	.44042	.34126
#2	.49097	.07275	307.21	.30643	.28141	11.712	.43962	.32074
#3	.49472	.07128	307.38	.30533	.28200	11.803	.44174	.34866
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.41658	2.5812	.70091	.21514	.20649	6.218	.27632	6.5691
Stddev	.00712	.0414	.00348	.00078	.00152	.017	.00212	.2460
%RSD	1.7103	1.6030	.49600	.36192	.73380	.2651	.76795	3.7451
#1	.41394	2.6289	.69812	.21517	.20670	6.212	.27847	6.3816
#2	.42465	2.5581	.69979	.21591	.20488	6.206	.27423	6.8477
#3	.41116	2.5565	.70480	.21435	.20788	6.237	.27625	6.4781

Sample Name: K3156-04MSD Acquired: 6/14/2019 19:18:46 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: HD-01-061219 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	.24264
%RSD	247.38

#1	-.14833
#2	-.31166
#3	.16575

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2232.0	33776.	3606.0	60.240	2318.9
Stddev	4.9	35.	34.0	1.598	2.6
%RSD	.22009	.10462	.94276	2.6533	.11343

#1	2226.9	33770.	3567.4	59.041	2315.9
#2	2232.2	33744.	3619.5	59.625	2320.6
#3	2236.8	33814.	3631.3	62.055	2320.3

Sample Name: K3156-04A Acquired: 6/14/2019 19:23:02 Type: Unk
Method: P4-ICP2(v3199) 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	.83397	1.8824	.98375	2.0645	.83670	2.4342	.44357	.20780	.19414
Stddev	.00022	.0005	.00281	.0054	.00115	.0091	.00055	.00047	.00025
%RSD	.02599	.02460	.28580	.26095	.13729	.37294	.12292	.22661	.12899
#1	.83421	1.8827	.98053	2.0662	.83794	2.4291	.44359	.20733	.19387
#2	.83378	1.8826	.98494	2.0584	.83567	2.4289	.44302	.20778	.19437
#3	.83392	1.8819	.98576	2.0687	.83650	2.4447	.44411	.20828	.19416
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.503	.41329	.20749	.33819	3.3459	.78681	6.3565	.49239	.07227
Stddev	.078	.00220	.00009	.00085	.0039	.00072	.0556	.00157	.00032
%RSD	.36055	.53273	.04471	.25006	.11769	.09150	.87495	.31962	.44315
#1	21.416	.41580	.20759	.33811	3.3505	.78645	6.4049	.49079	.07238
#2	21.529	.41171	.20747	.33908	3.3438	.78633	6.2957	.49394	.07251
#3	21.564	.41236	.20741	.33739	3.3435	.78763	6.3689	.49243	.07190
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	305.31	.30774	.28107	11.672	.44149	.34262	.41938	2.5921	.69943
Stddev	1.19	.00056	.00042	.003	.00104	.00448	.00312	.0092	.00084
%RSD	.38877	.18320	.15105	.02147	.23554	1.3071	.74485	.35698	.12035
#1	303.98	.30838	.28147	11.669	.44085	.34606	.41606	2.5968	.69852
#2	305.69	.30748	.28111	11.674	.44269	.33756	.41983	2.5980	.69959
#3	306.26	.30734	.28062	11.672	.44094	.34424	.42225	2.5814	.70018
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.21601	.20646	6.209	.27780	6.6080	.35496			
Stddev	.00268	.00143	.005	.00044	.0772	.61257			
%RSD	1.2390	.69291	.0806	.15971	1.1681	172.57			
#1	.21304	.20481	6.214	.27805	6.6865	-.33406			
#2	.21674	.20728	6.207	.27729	6.5322	.83798			
#3	.21825	.20730	6.204	.27807	6.6052	.56097			

Sample Name: K3156-04A Acquired: 6/14/2019 19:23:02 Type: Unk
 Method: P4-ICP2(v3199) 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	2235.0	33906.	3607.2	60.448	2327.3
Stddev	4.5	44.	13.1	1.714	3.4
%RSD	.20348	.12906	.36240	2.8352	.14518
#1	2230.6	33911.	3593.8	60.777	2324.1
#2	2234.7	33948.	3619.9	61.973	2326.9
#3	2239.7	33861.	3608.1	58.593	2330.8

Sample Name: K3308-02 Acquired: 6/14/2019 19:27:20 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VNJ-217-360 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00361	-.00765	.01930	.00407	.00039	-.13120	.10275
Stddev	.00288	.00069	.00083	.00525	.00062	.01430	.00052
%RSD	79.741	9.0546	4.2928	129.27	158.84	10.899	.50646

#1	-.00691	-.00843	.01970	.00886	-.00028	-.12063	.10223
#2	-.00160	-.00744	.01834	.00489	.00094	-.14747	.10275
#3	-.00232	-.00709	.01984	-.00155	.00051	-.12551	.10327

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	-.00045	174.60	.00070	.00006	.00268	.04847
Stddev	.00005	.00011	1.04	.00021	.00012	.00024	.00060
%RSD	64.086	25.015	.59438	29.275	187.43	9.0444	1.2368

#1	.00011	-.00058	173.50	.00046	.00005	.00295	.04779
#2	.00002	-.00041	174.74	.00082	.00018	.00262	.04870
#3	.00009	-.00036	175.56	.00082	-.00005	.00248	.04892

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04468	4.1569	.00059	-.00298	324.59	.00063	.02635
Stddev	.00033	.0443	.00006	.00019	2.93	.00033	.00009
%RSD	.74665	1.0661	11.023	6.2460	.90125	52.581	.34832

#1	.04430	4.2046	.00058	-.00277	321.29	.00025	.02625
#2	.04488	4.1169	.00066	-.00312	325.61	.00078	.02635
#3	.04487	4.1493	.00053	-.00305	326.87	.00086	.02644

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4234	.00040	.05445	4.5592	4.9754	-.00291	-.00547
Stddev	.0325	.00022	.02074	.0030	.0216	.00060	.00059
%RSD	.94931	54.528	38.084	.06596	.43404	20.615	10.743

#1	3.4082	.00043	.03860	4.5572	4.9517	-.00272	-.00481
#2	3.4013	.00061	.04684	4.5627	4.9941	-.00359	-.00566
#3	3.4607	.00017	.07792	4.5578	4.9802	-.00243	-.00594

Sample Name: K3308-02 Acquired: 6/14/2019 19:27:20 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: VNJ-217-360 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00821	.0045	1.2984	6.3171	F<.00000
Stddev	.00019	.0007	.0096	.2679	1.2072
%RSD	2.3048	16.52	.73713	4.2415	20.096

#1	.00842	.0053	1.2873	6.3487	-6.8311
#2	.00813	.0044	1.3032	6.5679	-6.5693
#3	.00807	.0038	1.3045	6.0348	-4.6216

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2169.4	32906.	3619.6	59.355	2257.1
Stddev	6.7	37.	17.2	.954	1.8
%RSD	.31056	.11232	.47430	1.6077	.07902

#1	2162.5	32938.	3637.3	59.963	2255.3
#2	2169.9	32914.	3603.0	58.255	2257.2
#3	2175.9	32865.	3618.4	59.846	2258.9

Sample Name: K3351-02 Acquired: 6/14/2019 19:31:54 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-3407 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00338	-.00681	.00386	.00219	-.00016	.16873	.18376
Stddev	.00046	.00042	.00083	.00071	.00172	.00744	.00025
%RSD	13.578	6.2177	21.600	32.551	1077.8	4.4115	.13408

#1	-.00322	-.00710	.00449	.00192	-.00032	.16276	.18348
#2	-.00302	-.00632	.00291	.00165	.00164	.17707	.18389
#3	-.00390	-.00701	.00418	.00299	-.00179	.16636	.18392

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	-.00005	3.7217	.00082	.00290	.00123	.00126
Stddev	.00006	.00007	.0222	.00036	.00027	.00041	.00038
%RSD	29.919	144.35	.59506	44.035	9.3357	33.258	30.202

#1	.00025	-.00007	3.7314	.00107	.00266	.00082	.00115
#2	.00021	-.00010	3.7374	.00041	.00284	.00164	.00168
#3	.00013	.00003	3.6964	.00098	.00319	.00122	.00094

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11760	.95322	.00317	-.00066	283.36	-.00067	.14439
Stddev	.00022	.03583	.00031	.00012	.81	.00032	.00021
%RSD	.19028	3.7586	9.6554	17.386	.28491	48.072	.14302

#1	.11743	.99273	.00286	-.00066	283.75	-.00086	.14419
#2	.11752	.92285	.00317	-.00078	282.43	-.00084	.14460
#3	.11785	.94408	.00348	-.00055	283.90	-.00030	.14436

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76578	.00041	.03400	1.4110	.27695	-.00167	.00056
Stddev	.02029	.00008	.00701	.0080	.00405	.00069	.00064
%RSD	2.6493	19.175	20.608	.56584	1.4637	41.668	114.07

#1	.77991	.00032	.04185	1.4203	.28082	-.00181	-.00018
#2	.77489	.00046	.02837	1.4064	.27728	-.00228	.00089
#3	.74253	.00046	.03177	1.4064	.27273	-.00091	.00097

Sample Name: K3351-02 Acquired: 6/14/2019 19:31:54 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-3407 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	-.0026	.01988	5.9360	F<.00000
Stddev	.00069	.0003	.00006	.0788	.27050
%RSD	564.08	11.39	.29356	1.3266	5.1597

#1	-.00063	-.0030	.01990	5.9550	-5.0436
#2	.00066	-.0025	.01981	5.8495	-5.5505
#3	-.00040	-.0024	.01992	6.0035	-5.1334

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2277.4	34254.	3705.5	62.300	2401.5
Stddev	2.7	100.	12.4	2.061	4.3
%RSD	.11887	.29200	.33453	3.3082	.17995

#1	2279.4	34186.	3708.7	60.083	2403.3
#2	2274.3	34207.	3691.8	62.658	2396.5
#3	2278.5	34369.	3716.0	64.158	2404.6

Sample Name: K3351-04 Acquired: 6/14/2019 19:36:29 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-3425 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00458	-.00730	.02079	.00300	.00008	.10114	.21039
Stddev	.00111	.00200	.00069	.00191	.00056	.00176	.00145
%RSD	24.220	27.412	3.3023	63.779	698.80	1.7362	.68921

#1	-.00492	-.00560	.02144	.00297	-.00049	.10024	.20872
#2	-.00547	-.00950	.02007	.00110	.00063	.10001	.21138
#3	-.00334	-.00679	.02087	.00492	.00010	.10316	.21106

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00027	5.6872	.00137	.00011	.00357	.00729
Stddev	.00004	.00003	.0505	.00023	.00024	.00076	.00005
%RSD	66.206	10.774	.88804	16.897	210.54	21.272	.61943

#1	.00010	.00030	5.6305	.00153	.00024	.00271	.00724
#2	.00007	.00028	5.7272	.00148	.00026	.00414	.00733
#3	.00002	.00024	5.7040	.00111	-.00016	.00386	.00731

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04545	1.2286	.00214	-.00039	304.62	-.00086	.20379
Stddev	.00014	.0576	.00022	.00061	1.00	.00022	.00041
%RSD	.31360	4.6917	10.412	156.98	.32739	25.931	.20078

#1	.04558	1.2040	.00215	-.00103	304.37	-.00067	.20353
#2	.04529	1.2945	.00191	-.00033	303.77	-.00110	.20359
#3	.04547	1.1874	.00235	.00019	305.72	-.00080	.20426

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93672	.00018	.05682	.66389	.26227	-.00228	-.00044
Stddev	.01164	.00017	.01863	.00649	.00303	.00105	.00056
%RSD	1.2424	94.273	32.784	.97724	1.1547	46.229	127.11

#1	.93192	.00037	.04214	.67040	.26539	-.00321	-.00072
#2	.92825	.00012	.05054	.66385	.26209	-.00249	.00020
#3	.94999	.00005	.07777	.65742	.25934	-.00114	-.00080

Sample Name: K3351-04 Acquired: 6/14/2019 19:36:29 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-3425 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00198	-.0035	.04051	6.0652	F<.00000
Stddev	.00194	.0009	.00021	.0986	.13202
%RSD	97.985	25.16	.51062	1.6260	2.7737

#1	-.00421	-.0026	.04048	5.9521	-4.6357
#2	-.00085	-.0043	.04073	6.1108	-4.7452
#3	-.00086	-.0035	.04032	6.1329	-4.8985

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2272.8	34195.	3693.1	62.981	2386.2
Stddev	11.5	99.	29.1	1.710	12.3
%RSD	.50795	.28820	.78850	2.7149	.51577

#1	2265.7	34090.	3661.7	61.100	2379.0
#2	2286.1	34208.	3698.2	64.442	2400.4
#3	2266.5	34286.	3719.3	63.400	2379.2

Sample Name: K3351-06 Acquired: 6/14/2019 19:41:03 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RBR-200029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00508	-.00665	.02327	.00297	-.00092	.04189	.22878
Stddev	.00355	.00222	.00048	.00196	.00107	.02072	.00224
%RSD	69.777	33.391	2.0789	65.963	115.77	49.466	.97896

#1	-.00154	-.00711	.02303	.00494	-.00216	.04354	.22656
#2	-.00864	-.00861	.02383	.00295	-.00027	.06174	.23104
#3	-.00507	-.00424	.02295	.00102	-.00034	.02039	.22873

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00036	4.9382	.00137	.00164	.00186	.01956
Stddev	.00005	.00003	.0107	.00032	.00014	.00046	.00065
%RSD	78.460	7.0777	.21573	23.048	8.4481	24.789	3.3274

#1	.00010	.00035	4.9487	.00140	.00172	.00194	.02027
#2	.00001	.00039	4.9386	.00168	.00173	.00136	.01941
#3	.00007	.00034	4.9274	.00105	.00148	.00227	.01899

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09484	.92676	.00154	-.00053	287.40	-.00102	.66872
Stddev	.00040	.06336	.00012	.00015	3.77	.00022	.00205
%RSD	.42425	6.8364	8.0382	29.175	1.3103	21.384	.30634

#1	.09530	.99446	.00165	-.00053	283.22	-.00084	.66640
#2	.09462	.91691	.00157	-.00068	290.53	-.00096	.66950
#3	.09459	.86890	.00141	-.00037	288.45	-.00126	.67027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66178	-.00008	.05336	.30768	.40504	-.00296	.00080
Stddev	.01274	.00027	.01609	.00357	.00406	.00053	.00158
%RSD	1.9257	334.14	30.144	1.1595	1.0024	17.781	198.47

#1	.66157	.00023	.06113	.31040	.40749	-.00357	-.00094
#2	.67463	-.00028	.06409	.30364	.40035	-.00267	.00216
#3	.64914	-.00019	.03487	.30899	.40727	-.00265	.00117

Sample Name: K3351-06 Acquired: 6/14/2019 19:41:03 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RBR-200029 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00138	.0015	.02029	6.3101	F<.00000
Stddev	.00105	.0012	.00004	.1492	.28712
%RSD	75.762	77.88	.20908	2.3644	5.1386
#1	-.00253	.0011	.02028	6.1556	-5.2733
#2	-.00048	.0029	.02026	6.4533	-5.6523
#3	-.00113	.0006	.02034	6.3213	-5.8364
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2260.8	34200.	3676.6	63.175	2378.5
Stddev	9.2	61.	28.9	1.379	6.2
%RSD	.40534	.17714	.78732	2.1831	.26222
#1	2263.9	34189.	3651.4	62.592	2379.8
#2	2268.0	34146.	3708.2	64.750	2384.0
#3	2250.5	34265.	3670.2	62.183	2371.7

Sample Name: K3351-08 Acquired: 6/14/2019 19:45:38 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-3860 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00309	-.00495	.01227	-.00015	.00005	.11768	.19908
Stddev	.00154	.00140	.00061	.00175	.00112	.01327	.00147
%RSD	49.811	28.328	4.9903	1183.1	2445.2	11.279	.73948

#1	-.00148	-.00649	.01296	-.00016	-.00022	.10455	.19837
#2	-.00324	-.00376	.01178	.00161	-.00091	.11740	.19811
#3	-.00455	-.00458	.01207	-.00190	.00127	.13109	.20078

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	-.00002	4.9428	.00079	.00228	.00133	.01210
Stddev	.00006	.00004	.0065	.00022	.00008	.00037	.00038
%RSD	71.863	234.34	.13161	28.515	3.5664	28.201	3.1077

#1	.00002	.00003	4.9366	.00065	.00220	.00126	.01168
#2	.00009	-.00006	4.9495	.00105	.00236	.00173	.01225
#3	.00014	-.00003	4.9423	.00066	.00226	.00099	.01238

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11538	.93129	.00105	-.00065	263.11	-.00081	.13016
Stddev	.00036	.06593	.00039	.00052	3.89	.00052	.00014
%RSD	.31305	7.0799	37.475	79.661	1.4803	63.619	.10728

#1	.11550	.88435	.00076	-.00121	258.66	-.00115	.13014
#2	.11567	.90283	.00089	-.00018	265.90	-.00108	.13004
#3	.11497	1.0067	.00150	-.00056	264.78	-.00022	.13031

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81586	.00013	.04193	.53678	.24963	-.00223	.00033
Stddev	.02119	.00026	.01131	.00448	.00241	.00064	.00119
%RSD	2.5977	202.07	26.961	.83422	.96713	28.823	361.02

#1	.82086	.00025	.04088	.53784	.25034	-.00272	.00164
#2	.79262	.00030	.03119	.54064	.25162	-.00150	-.00067
#3	.83412	-.00017	.05373	.53187	.24694	-.00248	.00002

Sample Name: K3351-08 Acquired: 6/14/2019 19:45:38 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-3860 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00169	-.0017	.03764	6.2654	F<.00000
Stddev	.00046	.0026	.00017	.1060	.45467
%RSD	27.218	152.6	.44852	1.6911	8.5948
#1	-.00195	.0012	.03780	6.2403	-4.8485
#2	-.00197	-.0026	.03766	6.1742	-5.2647
#3	-.00116	-.0038	.03746	6.3816	-5.7568
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2279.8	34433.	3691.6	62.667	2400.8
Stddev	9.7	20.	24.6	.963	8.4
%RSD	.42624	.05907	.66699	1.5365	.34930
#1	2272.0	34455.	3694.3	63.717	2395.8
#2	2276.6	34414.	3665.8	61.825	2396.1
#3	2290.6	34429.	3714.8	62.458	2410.5

Sample Name: K3352-02 Acquired: 6/14/2019 19:50:12 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20190612-LOC Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00265	-.00621	.00856	-.00061	.00104	2.1820	.15126
Stddev	.00107	.00098	.00097	.00454	.00053	.0121	.00086
%RSD	40.385	15.720	11.323	739.27	51.355	.55342	.56679

#1	.00310	-.00589	.00932	-.00005	.00140	2.1783	.15060
#2	.00342	-.00731	.00747	-.00541	.00043	2.1955	.15223
#3	.00143	-.00544	.00889	.00362	.00129	2.1722	.15095

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	-.00014	6.1327	.00171	.00037	.00595	1.7455
Stddev	.00003	.00006	.0658	.00045	.00017	.00030	.0043
%RSD	14.136	44.629	1.0726	26.322	45.185	5.1296	.24809

#1	.00024	-.00019	6.0590	.00196	.00056	.00569	1.7407
#2	.00026	-.00007	6.1855	.00119	.00023	.00587	1.7465
#3	.00020	-.00016	6.1536	.00198	.00033	.00628	1.7492

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06280	.55034	.00127	-.00071	279.49	.00817	.05068
Stddev	.00005	.04906	.00045	.00021	2.09	.00046	.00037
%RSD	.08495	8.9143	35.249	29.850	.74612	5.6031	.73127

#1	.06273	.56008	.00089	-.00088	277.19	.00799	.05048
#2	.06282	.59379	.00176	-.00078	280.05	.00869	.05111
#3	.06284	.49714	.00115	-.00047	281.25	.00783	.05045

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4998	.00027	.01570	.15912	2.1821	-.00271	.02839
Stddev	.0548	.00021	.01636	.00278	.0141	.00062	.00144
%RSD	2.1936	78.038	104.22	1.7500	.64369	22.678	5.0571

#1	2.4375	.00051	.02302	.16061	2.1983	-.00205	.02930
#2	2.5406	.00020	-.00304	.15591	2.1737	-.00327	.02674
#3	2.5213	.00010	.02711	.16085	2.1742	-.00282	.02914

Sample Name: K3352-02 Acquired: 6/14/2019 19:50:12 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 20190612-LOC Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00228	.0073	.02742	6.3573	F<.00000
Stddev	.00072	.0018	.00013	.2012	.75941
%RSD	31.563	24.17	.46141	3.1648	17.951
#1	.00145	.0088	.02731	6.1841	-3.4373
#2	.00276	.0078	.02756	6.5780	-4.3033
#3	.00262	.0053	.02740	6.3098	-4.9509
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2285.6	34517.	3681.4	62.547	2396.5
Stddev	2.6	110.	17.7	.998	3.2
%RSD	.11363	.31747	.47962	1.5961	.13170
#1	2283.6	34643.	3661.3	61.475	2395.3
#2	2284.7	34445.	3694.4	62.717	2394.1
#3	2288.5	34463.	3688.4	63.450	2400.1

Sample Name: K3352-04 Acquired: 6/14/2019 19:54:47 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20190612-LOC Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00123	-.00624	.00539	.00296	.00048	3.6186	.11742	.00156
Stddev	.00212	.00137	.00038	.00158	.00129	.0242	.00045	.00018
%RSD	171.38	21.943	7.0385	53.220	267.23	.66858	.38652	11.433

#1	-.00366	-.00746	.00582	.00309	.00186	3.6456	.11794	.00160
#2	-.00030	-.00649	.00521	.00133	-.00071	3.5990	.11709	.00136
#3	.00025	-.00476	.00513	.00447	.00031	3.6113	.11725	.00171

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00161	13.920	.01232	.00243	.04075	39.968	.20485	.84484
Stddev	.00007	.019	.00052	.00020	.00052	.052	.00097	.04491
%RSD	4.3661	.13978	4.2406	8.2516	1.2645	.12934	.47124	5.3160

#1	-.00153	13.911	.01209	.00266	.04039	40.011	.20454	.88903
#2	-.00167	13.906	.01292	.00227	.04052	39.911	.20408	.79924
#3	-.00162	13.942	.01196	.00238	.04134	39.983	.20593	.84624

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00321	-.00131	293.97	.01081	.03938	.69948	-.00052	.04192
Stddev	.00008	.00019	2.73	.00026	.00041	.00725	.00016	.01870
%RSD	2.4614	14.763	.92736	2.4056	1.0305	1.0365	31.363	44.615

#1	.00329	-.00133	291.46	.01109	.03985	.70626	-.00033	.03927
#2	.00313	-.00149	293.57	.01059	.03915	.70035	-.00064	.02469
#3	.00322	-.00110	296.87	.01073	.03914	.69184	-.00058	.06181

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21436	3.6219	-.00211	.07612	.00371	.0285	-.00689	6.2689
Stddev	.00333	.0305	.00038	.00262	.00017	.0022	.00041	.0827
%RSD	1.5557	.84082	17.936	3.4391	4.7013	7.815	5.9555	1.3197

#1	.21058	3.6211	-.00231	.07621	.00350	.0259	-.00717	6.3633
#2	.21689	3.6527	-.00168	.07869	.00380	.0297	-.00642	6.2089
#3	.21561	3.5918	-.00236	.07346	.00381	.0299	-.00709	6.2345

Sample Name: K3352-04 Acquired: 6/14/2019 19:54:47 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 20190612-LOC Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 20.328
Stddev .216
%RSD 1.0638

#1 20.200
#2 20.577
#3 20.206

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2276.1	34308.	3669.7	60.706	2348.8
Stddev	9.5	96.	44.2	2.169	9.2
%RSD	.41542	.28016	1.2033	3.5734	.39212

#1	2265.4	34197.	3668.4	61.333	2338.3
#2	2279.6	34370.	3626.3	58.292	2355.6
#3	2283.3	34357.	3714.6	62.492	2352.5

Sample Name: K3368-01 Acquired: 6/14/2019 19:59:19 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: SOIL 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	-.00644	.00438	.00586	-.00046	.44998	.06691	.00034
Stddev	.00044	.00150	.00072	.00263	.00073	.00535	.00112	.00008
%RSD	543.90	23.309	16.463	44.903	157.60	1.1892	1.6740	23.435

#1	-.00029	-.00474	.00492	.00833	-.00041	.44667	.06666	.00039
#2	.00056	-.00759	.00356	.00614	.00024	.45615	.06814	.00038
#3	-.00003	-.00698	.00467	.00310	-.00121	.44711	.06594	.00025

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00058	8.5239	.00028	-.00011	.00885	9.5724	.18598	5.1134
Stddev	.00006	.0385	.00015	.00004	.00010	.0239	.00057	.1180
%RSD	10.760	.45212	53.917	38.770	1.1339	.24938	.30557	2.3079

#1	-.00064	8.5279	.00026	-.00007	.00881	9.5864	.18634	4.9783
#2	-.00052	8.4836	.00013	-.00011	.00897	9.5859	.18532	5.1653
#3	-.00059	8.5604	.00043	-.00015	.00878	9.5448	.18626	5.1966

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00091	-.00103	289.50	.00127	.03251	3.3413	.00010	.06204
Stddev	.00023	.00039	2.89	.00034	.00012	.0231	.00017	.00917
%RSD	25.503	38.209	.99833	26.441	.35453	.69259	177.94	14.773

#1	.00076	-.00086	288.25	.00161	.03243	3.3146	.00028	.06849
#2	.00117	-.00075	292.80	.00093	.03245	3.3563	-.00006	.06609
#3	.00079	-.00148	287.44	.00128	.03264	3.3530	.00006	.05155

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34240	1.5518	-.00251	.01097	.00093	.4264	.03256	6.5829
Stddev	.00429	.0021	.00083	.00199	.00165	.0027	.00005	.1804
%RSD	1.2521	.13529	33.008	18.172	177.56	.6339	.16230	2.7403

#1	.34637	1.5530	-.00332	.00932	-.00075	.4267	.03250	6.6642
#2	.33786	1.5494	-.00253	.01040	.00099	.4289	.03259	6.3762
#3	.34296	1.5531	-.00167	.01318	.00255	.4235	.03259	6.7083

Sample Name: K3368-01 Acquired: 6/14/2019 19:59:19 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: SOIL Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg .70476
 Stddev .22905
 %RSD 32.500

#1 .86326
 #2 .80887
 #3 .44215

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2253.0	34197.	3649.1	61.197	2363.0
Stddev	2.5	112.	18.2	1.108	1.7
%RSD	.11259	.32842	.49972	1.8104	.07221

#1	2250.2	34069.	3628.6	60.425	2361.0
#2	2253.7	34243.	3655.3	60.700	2363.9
#3	2255.1	34279.	3663.5	62.467	2364.1

Sample Name: CCV07 Acquired: 6/14/2019 20:03:53 Type: Unk
Method: P4-ICP2(v3199) 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	5.2551	5.0805	5.1204	5.0942	5.2890	10.376	10.234	.26273
Stddev	.0155	.0096	.0124	.0238	.0190	.151	.076	.00096
%RSD	.29416	.18875	.24169	.46626	.35994	1.4528	.74240	.36561
#1	5.2715	5.0704	5.1104	5.0924	5.2871	10.231	10.155	.26202
#2	5.2407	5.0894	5.1342	5.0713	5.2710	10.366	10.238	.26235
#3	5.2531	5.0817	5.1164	5.1188	5.3089	10.532	10.307	.26382
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4975	24.852	1.0055	2.5411	1.3617	5.1205	2.6639	24.856
Stddev	.0029	.271	.0018	.0036	.0031	.0050	.0049	.262
%RSD	.11604	1.0900	.18279	.14086	.22839	.09867	.18531	1.0536
#1	2.4961	24.603	1.0055	2.5402	1.3622	5.1215	2.6672	24.615
#2	2.5009	24.812	1.0036	2.5451	1.3583	5.1150	2.6583	24.818
#3	2.4957	25.140	1.0073	2.5381	1.3645	5.1250	2.6663	25.134
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4703	1.2699	24.665	2.4680	2.5819	25.491	5.3523	4.9855
Stddev	.0015	.0027	.171	.0057	.0034	.210	.0140	.1025
%RSD	.06086	.21538	.69522	.23188	.13119	.82250	.26080	2.0558
#1	2.4720	1.2692	24.504	2.4632	2.5822	25.281	5.3505	4.8748
#2	2.4693	1.2676	24.646	2.4665	2.5852	25.492	5.3394	5.0047
#3	2.4697	1.2729	24.846	2.4744	2.5784	25.700	5.3671	5.0771
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1265	4.7074	5.0750	4.9604	4.9036	5.127	4.8676	F 7.0754
Stddev	.0160	.0396	.0143	.0138	.0136	.008	.0184	.0563
%RSD	.31276	.84235	.28109	.27779	.27747	.1593	.37863	.79629
#1	5.1386	4.7499	5.0649	4.9474	4.9192	5.132	4.8885	7.1403
#2	5.1326	4.7008	5.0913	4.9591	4.8978	5.132	4.8606	7.0455
#3	5.1083	4.6714	5.0689	4.9748	4.8939	5.118	4.8537	7.0402

Sample Name: CCV07 Acquired: 6/14/2019 20:03:53 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: PBW Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .48966
Stddev	.77703
%RSD	158.69

#1	.60035
#2	1.2054
#3	-.33678

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2253.4	34404.	3582.6	61.271	2316.6
Stddev	4.9	73.	28.9	1.104	3.7
%RSD	.21637	.21354	.80642	1.8013	.16027

#1	2252.1	34473.	3553.9	60.626	2314.0
#2	2258.7	34413.	3582.1	62.546	2314.9
#3	2249.2	34327.	3611.7	60.642	2320.9

Sample Name: CCB07 Acquired: 6/14/2019 20:07:52 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00157	.00127	.00003	.00066	.00052	-.00019	.00093
Stddev	.00197	.00090	.00060	.00158	.00053	.00221	.00009
%RSD	125.58	71.069	2060.7	240.69	102.34	1170.5	9.9908

#1	.00004	.00089	-.00062	-.00007	.00096	-.00129	.00088
#2	-.00098	.00062	.00058	.00247	-.00007	-.00163	.00104
#3	-.00376	.00230	.00013	-.00043	.00066	.00235	.00088

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00001	.00620	.00030	.00019	.00053	.00154
Stddev	.00009	.00009	.01627	.00035	.00010	.00028	.00012
%RSD	377.33	774.39	262.35	116.82	53.909	53.482	7.5123

#1	-.00003	-.00008	-.01227	.00062	.00023	.00055	.00165
#2	.00013	.00002	.01842	.00035	.00008	.00080	.00142
#3	-.00003	.00010	.01245	-.00007	.00028	.00024	.00155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00005	.01808	-.00037	-.00097	.29790	-.00037	-.00082
Stddev	.00003	.07120	.00024	.00046	.00448	.00009	.00010
%RSD	55.392	393.86	64.609	47.402	1.5048	23.946	11.720

#1	-.00008	.07158	-.00009	-.00139	.29313	-.00029	-.00076
#2	-.00004	.04539	-.00050	-.00048	.30202	-.00047	-.00077
#3	-.00003	-.06273	-.00051	-.00104	.29856	-.00035	-.00093

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08818	.00089	.01181	F -.01105	-.00144	-.00194	.00034
Stddev	.02414	.00016	.01751	.00048	.00082	.00054	.00113
%RSD	27.374	18.187	148.30	4.3370	57.158	28.052	330.08

#1	.07434	.00096	.03036	-.01066	-.00057	-.00220	.00101
#2	.11605	.00101	.00951	-.01159	-.00221	-.00131	-.00096
#3	.07415	.00071	-.00444	-.01091	-.00156	-.00230	.00098

Sample Name: CCB07 Acquired: 6/14/2019 20:07:52 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00276	-0.0024	-0.00004	F 5.7454	F<.00000
Stddev	.00095	.0006	.00007	.0553	.40182
%RSD	34.377	27.12	160.19	.96278	17.175

#1	-0.00211	-0.0019	-0.00011	5.7035	-1.9370
#2	-0.00233	-0.0031	-0.00003	5.8081	-2.7406
#3	-0.00385	-0.0022	.00002	5.7245	-2.3411

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2348.1	35889.	3728.2	62.817	2604.7
Stddev	12.9	105.	321.2	5.576	8.8
%RSD	.54997	.29193	8.6154	8.8761	.33609

#1	2336.4	35770.	3549.1	59.817	2596.9
#2	2345.9	35969.	4099.0	69.250	2602.9
#3	2361.9	35926.	3536.6	59.383	2614.2

Sample Name: K3369-07 Acquired: 6/14/2019 20:12:22 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-SOIL-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00359	-.00628	.00336	.00078	-.00065	.02450	.22327
Stddev	.00252	.00115	.00070	.00296	.00132	.00602	.00092
%RSD	70.223	18.269	20.750	381.50	201.28	24.550	.41166

#1	-.00513	-.00755	.00261	-.00254	.00086	.01949	.22324
#2	-.00496	-.00530	.00399	.00316	-.00156	.02284	.22421
#3	-.00068	-.00600	.00348	.00171	-.00125	.03117	.22237

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00021	11.603	.00119	-.00002	.00115	.00687
Stddev	.00006	.00003	.057	.00018	.00014	.00044	.00044
%RSD	412.62	14.445	.49237	14.804	613.34	38.074	6.3697

#1	-.00002	-.00021	11.594	.00139	.00010	.00094	.00693
#2	.00008	-.00024	11.664	.00107	-.00017	.00165	.00727
#3	-.00002	-.00018	11.551	.00111	.00001	.00086	.00640

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09563	.73178	.00046	-.00060	251.81	-.00094	.08084
Stddev	.00034	.01682	.00031	.00019	1.18	.00054	.00017
%RSD	.35702	2.2981	68.599	32.353	.46836	57.853	.20707

#1	.09584	.75103	.00081	-.00069	250.74	-.00096	.08065
#2	.09580	.71992	.00022	-.00038	251.60	-.00038	.08098
#3	.09523	.72440	.00034	-.00074	253.08	-.00147	.08088

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.2274	.00053	.03375	.18134	.28317	-.00197	-.00032
Stddev	.0214	.00025	.01284	.00398	.00169	.00151	.00054
%RSD	1.7426	47.237	38.046	2.1942	.59676	76.757	170.80

#1	1.2027	.00056	.04192	.17955	.28170	-.00074	.00025
#2	1.2398	.00076	.01895	.18590	.28279	-.00151	-.00038
#3	1.2397	.00026	.04038	.17857	.28502	-.00365	-.00082

Sample Name: K3369-07 Acquired: 6/14/2019 20:12:22 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-3-SOIL-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00210	.0394	.04110	6.7306	F<.00000
Stddev	.00062	.0022	.00030	.3488	.57448
%RSD	29.792	5.504	.71839	5.1817	11.884

#1	-.00198	.0400	.04082	6.8187	-5.4971
#2	-.00154	.0370	.04140	7.0268	-4.4843
#3	-.00277	.0412	.04107	6.3462	-4.5208

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2274.4	34338.	3643.0	60.669	2389.8
Stddev	13.2	106.	19.9	.512	14.1
%RSD	.57851	.30934	.54736	.84408	.59198

#1	2261.2	34298.	3666.0	60.542	2378.5
#2	2274.5	34257.	3632.1	60.233	2385.3
#3	2287.5	34458.	3630.9	61.233	2405.7

Sample Name: K3369-11 Acquired: 6/14/2019 20:16:57 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-SOIL-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00402	-.00507	.00123	.00228	-.00068	.03109	.25136
Stddev	.00213	.00093	.00101	.00329	.00176	.01676	.00068
%RSD	52.937	18.354	82.526	144.53	260.25	53.917	.26875

#1	-.00533	-.00609	.00156	-.00130	-.00233	.05033	.25111
#2	-.00156	-.00426	.00009	.00294	-.00086	.01969	.25212
#3	-.00516	-.00486	.00203	.00518	.00117	.02323	.25084

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00002	8.4669	.00354	-.00025	.00354	.03533
Stddev	.00009	.00001	.0379	.00034	.00002	.00081	.00044
%RSD	76.847	53.197	.44722	9.6296	8.5044	22.995	1.2502

#1	.00016	-.00001	8.4234	.00322	-.00026	.00378	.03552
#2	.00017	-.00004	8.4849	.00351	-.00026	.00421	.03565
#3	.00001	-.00002	8.4924	.00390	-.00023	.00263	.03483

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02916	.56569	.00219	-.00026	257.06	-.00062	.09741
Stddev	.00012	.04208	.00015	.00056	3.12	.00015	.00046
%RSD	.41079	7.4394	6.9342	217.00	1.2132	23.643	.47321

#1	.02929	.52164	.00207	.00005	254.75	-.00075	.09733
#2	.02915	.56994	.00213	-.00090	255.83	-.00064	.09791
#3	.02905	.60548	.00236	.00008	260.61	-.00046	.09699

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0759	.00029	.03999	.41913	.28041	-.00227	.00035
Stddev	.0352	.00016	.00969	.00441	.01286	.00069	.00174
%RSD	3.2693	54.419	24.225	1.0510	4.5875	30.280	502.68

#1	1.0353	.00033	.03024	.41525	.26850	-.00148	.00049
#2	1.0971	.00042	.04012	.41822	.27867	-.00270	.00201
#3	1.0953	.00011	.04962	.42392	.29405	-.00263	-.00146

Sample Name: K3369-11 Acquired: 6/14/2019 20:16:57 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-3-SOIL-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00226	.0142	.06388	6.3132	F<.00000
Stddev	.00104	.0016	.00016	.0645	.36672
%RSD	45.881	11.01	.25090	1.0219	6.8875
#1	-.00332	.0155	.06403	6.3440	-5.4896
#2	-.00124	.0147	.06371	6.3565	-5.5794
#3	-.00223	.0125	.06390	6.2390	-4.9041
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2297.3	34303.	3639.3	60.789	2389.8
Stddev	15.3	19.	11.3	2.649	17.8
%RSD	.66690	.05419	.31147	4.3577	.74319
#1	2282.8	34293.	3647.6	58.033	2374.0
#2	2295.8	34292.	3626.4	61.017	2386.3
#3	2313.4	34325.	3644.1	63.317	2409.0

Sample Name: K3369-15 Acquired: 6/14/2019 20:21:32 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-SOIL-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00134	-.00574	.01979	.00102	.00097	.04929	.31235
Stddev	.00180	.00153	.00048	.00172	.00083	.00984	.00110
%RSD	134.38	26.627	2.4454	168.16	85.698	19.972	.35299

#1	-.00312	-.00500	.02034	.00270	.00003	.03851	.31192
#2	-.00139	-.00472	.01953	.00110	.00159	.05155	.31154
#3	.00048	-.00749	.01948	-.00073	.00128	.05780	.31361

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00007	6.5432	.00086	-.00021	.00445	.00569
Stddev	.00005	.00011	.0347	.00010	.00023	.00049	.00013
%RSD	76.594	170.00	.52982	11.339	114.08	11.035	2.2807

#1	.00005	.00006	6.5118	.00075	-.00018	.00390	.00582
#2	.00003	-.00004	6.5373	.00095	.00001	.00462	.00569
#3	.00012	.00018	6.5804	.00088	-.00045	.00484	.00556

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11734	.60563	.00076	-.00046	287.01	-.00077	.13169
Stddev	.00043	.04039	.00030	.00039	1.79	.00021	.00036
%RSD	.36268	6.6696	39.163	86.597	.62212	26.975	.27027

#1	.11783	.57704	.00046	-.00073	285.90	-.00053	.13208
#2	.11705	.58801	.00076	-.00063	286.05	-.00093	.13139
#3	.11714	.65184	.00105	-.00000	289.07	-.00084	.13161

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.88149	.00047	.04019	.54018	.30373	-.00329	.00053
Stddev	.03223	.00007	.00427	.00322	.00360	.00051	.00056
%RSD	3.6560	14.224	10.613	.59611	1.1839	15.636	106.12

#1	.84708	.00050	.03581	.54322	.30460	-.00345	.00096
#2	.88642	.00039	.04044	.53681	.30680	-.00271	.00073
#3	.91097	.00051	.04433	.54052	.29977	-.00370	-.00011

Sample Name: K3369-15 Acquired: 6/14/2019 20:21:32 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: Z-3-SOIL-3 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00105	.0166	.03704	6.7239	F<.00000
Stddev	.00059	.0000	.00017	.1255	.84357
%RSD	55.955	.2362	.44685	1.8663	14.662

#1	-.00072	.0166	.03723	6.8517	-6.3657
#2	-.00071	.0166	.03694	6.7191	-4.7913
#3	-.00173	.0166	.03695	6.6009	-6.1036

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2266.2	34154.	3614.5	61.408	2373.3
Stddev	4.4	67.	18.1	1.070	7.1
%RSD	.19260	.19623	.49949	1.7427	.30068

#1	2266.6	34156.	3593.7	62.592	2367.4
#2	2261.6	34221.	3623.9	60.508	2371.4
#3	2270.3	34087.	3625.9	61.125	2381.2

Sample Name: K3369-19 Acquired: 6/14/2019 20:26:08 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-3-SOIL-4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00286	-.00595	.00137	.00038	-.00005	.06934	.25257
Stddev	.00148	.00080	.00130	.00564	.00083	.01563	.00068
%RSD	51.700	13.418	94.528	1493.9	1559.4	22.538	.26730

#1	-.00289	-.00504	.00095	-.00051	-.00088	.07889	.25329
#2	-.00137	-.00653	.00283	-.00476	.00078	.07782	.25246
#3	-.00433	-.00628	.00034	.00640	-.00006	.05130	.25195

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	-.00018	3.6438	.00083	-.00005	.00145	.00537
Stddev	.00006	.00005	.0268	.00005	.00006	.00029	.00052
%RSD	108.50	29.501	.73685	6.5504	113.53	20.300	9.6312

#1	.00005	-.00024	3.6636	.00078	-.00005	.00175	.00533
#2	.00011	-.00016	3.6132	.00082	-.00011	.00117	.00590
#3	-.00000	-.00014	3.6545	.00089	.00001	.00141	.00487

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02066	.20679	.00128	-.00059	304.20	-.00045	.09957
Stddev	.00018	.02037	.00046	.00037	3.88	.00038	.00051
%RSD	.87354	9.8498	36.015	63.047	1.2758	84.828	.51023

#1	.02065	.20883	.00137	-.00044	299.98	-.00039	.10014
#2	.02049	.22606	.00168	-.00102	307.61	-.00085	.09941
#3	.02085	.18547	.00078	-.00032	305.01	-.00010	.09916

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76314	.00003	.04017	.29899	.28586	-.00258	.00011
Stddev	.02066	.00030	.01499	.00078	.00887	.00025	.00064
%RSD	2.7071	1061.1	37.319	.26012	3.1019	9.5047	583.52

#1	.77544	.00004	.03705	.29987	.28187	-.00234	-.00050
#2	.77470	.00032	.02698	.29868	.27969	-.00283	.00006
#3	.73929	-.00028	.05647	.29841	.29602	-.00258	.00077

Sample Name: K3369-19 Acquired: 6/14/2019 20:26:08 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: Z-3-SOIL-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00121	.0003	.02952	6.4375	F<.00000
Stddev	.00027	.0030	.00012	.0712	.46389
%RSD	22.127	900.6	.40628	1.1066	8.1071

#1	-.00126	.0011	.02956	6.3905	-5.2412
#2	-.00092	.0029	.02939	6.5194	-6.1669
#3	-.00145	-.0030	.02962	6.4025	-5.7580

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2280.4	34019.	3615.4	61.017	2388.7
Stddev	4.8	105.	1.6	.789	8.6
%RSD	.20908	.30953	.04341	1.2925	.35956

#1	2276.1	33910.	3614.3	60.767	2385.0
#2	2285.5	34027.	3614.6	61.900	2398.5
#3	2279.6	34120.	3617.2	60.383	2382.6

Sample Name: K3370-01 Acquired: 6/14/2019 20:30:43 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00951	-.00697	.00257	.00237	.01272	.01957	.18536	.00055
Stddev	.00301	.00056	.00014	.00261	.00230	.01189	.00106	.00001
%RSD	31.700	8.0193	5.6229	110.54	18.051	60.762	.57360	2.2624

#1	.01056	-.00681	.00258	-.00063	.01015	.02186	.18610	.00054
#2	.01185	-.00759	.00242	.00419	.01458	.00670	.18584	.00055
#3	.00611	-.00651	.00271	.00353	.01342	.03016	.18414	.00056

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00096	37.850	.00087	.00408	.02001	18.950	.33114	1.7509
Stddev	.00007	.147	.00017	.00008	.00032	.033	.00053	.0285
%RSD	7.6867	.38858	19.826	1.8519	1.6053	.17464	.15910	1.6270

#1	-.00099	37.684	.00103	.00411	.01991	18.948	.33142	1.7187
#2	-.00102	37.965	.00069	.00413	.02037	18.917	.33053	1.7728
#3	-.00088	37.901	.00090	.00399	.01975	18.983	.33146	1.7611

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01581	-.00121	852.19	-.00038	.71973	.97401	.00832	.05494
Stddev	.00023	.00064	7.08	.00044	.00065	.02537	.00011	.00114
%RSD	1.4457	52.853	.83034	115.87	.08971	2.6045	1.3748	2.0683

#1	.01587	-.00101	848.61	-.00041	.72028	.99408	.00823	.05393
#2	.01599	-.00193	860.34	.00007	.71989	.98245	.00828	.05617
#3	.01555	-.00070	847.61	-.00080	.71902	.94550	.00845	.05472

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54246	1.1540	-.00181	-.00036	.01025	.3504	.13989	7.8660
Stddev	.00206	.0080	.00074	.00171	.00167	.0011	.00026	.1513
%RSD	.37926	.69470	40.783	475.26	16.328	.3275	.18584	1.9240

#1	.54226	1.1451	-.00163	-.00122	.00840	.3500	.14017	8.0227
#2	.54051	1.1606	-.00118	-.00146	.01071	.3517	.13983	7.7206
#3	.54461	1.1564	-.00263	.00161	.01165	.3496	.13966	7.8546

Sample Name: K3370-01 Acquired: 6/14/2019 20:30:43 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: OIL-WATER-SE Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.3448
Stddev .8470
%RSD 25.323

#1 4.1051
#2 2.4319
#3 3.4975

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2174.5	31982.	3533.5	61.078	2181.7
Stddev	4.8	92.	4.5	.910	5.5
%RSD	.22176	.28848	.12618	1.4891	.25316

#1	2174.2	31955.	3531.4	60.117	2175.4
#2	2169.8	31905.	3530.6	61.925	2184.1
#3	2179.5	32084.	3538.7	61.192	2185.5

Sample Name: K3296-01 Acquired: 6/14/2019 20:35:15 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EFFLUENT-FIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00673	-.00047	.01444	.00040	-.00730	4.0249	.21720
Stddev	.00613	.00193	.00159	.00389	.00038	.0367	.00079
%RSD	91.021	411.89	11.024	960.96	5.1460	.91239	.36576

#1	.00321	.00169	.01627	.00203	-.00718	4.0662	.21698
#2	.01381	-.00106	.01337	.00322	-.00700	3.9960	.21809
#3	.00318	-.00204	.01368	-.00404	-.00772	4.0124	.21655

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.00021	46.278	.00015	.01204	.08375	.53809
Stddev	.00002	.00008	.243	.00025	.00031	.00094	.00350
%RSD	9.5501	36.334	.52497	168.46	2.6069	1.1253	.65052

#1	.00027	.00014	46.530	.00045	.01237	.08406	.54120
#2	.00023	.00021	46.260	.00002	.01199	.08269	.53877
#3	.00028	.00029	46.045	-.00001	.01175	.08450	.53430

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58739	32.361	.00855	-.00054	^ *****	-.00079	.21185
Stddev	.00219	.339	.00041	.00073	-----	.00050	.00050
%RSD	.37199	1.0465	4.8408	134.81	-----	62.441	.23828

#1	.58909	32.742	.00820	-.00077	^ -----	-.00124	.21188
#2	.58815	32.095	.00900	-.00113	^ -----	-.00026	.21134
#3	.58492	32.247	.00844	.00028	^ -----	-.00089	.21234

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.662	.00220	.04151	F 3470.7	.23500	F -1.3342	-.00309
Stddev	.510	.00005	.01524	11.1	.00136	.0044	.00056
%RSD	1.2863	2.4549	36.715	.32019	.57785	.33228	18.008

#1	39.179	.00226	.02402	3474.8	.23606	-1.3351	-.00341
#2	39.611	.00220	.04859	3458.1	.23546	-1.3294	-.00341
#3	40.196	.00215	.05192	3479.1	.23347	-1.3381	-.00245

Sample Name: K3296-01 Acquired: 6/14/2019 20:35:15 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EFFLUENT-FIL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06299	.0653	.47542	11.853	F<.00000
Stddev	.00099	.0026	.00275	.129	.45964
%RSD	1.5643	3.981	.57764	1.0890	13.716

#1	.06281	.0683	.47225	11.726	-3.3002
#2	.06210	.0642	.47702	11.849	-3.8341
#3	.06405	.0635	.47699	11.984	-2.9190

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1667.3	23546.	3120.8	50.910	1484.5
Stddev	1.3	51.	11.1	1.299	2.0
%RSD	.07577	.21833	.35476	2.5523	.13780

#1	1667.4	23510.	3132.6	51.656	1483.8
#2	1668.5	23523.	3110.7	49.410	1486.8
#3	1666.0	23605.	3119.2	51.665	1482.9

Sample Name: K3296-01DUP Acquired: 6/14/2019 20:39:51 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EFFLUENT-FIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00912	.00052	.01319	.00092	-.00998	4.0905	.22238
Stddev	.00335	.00190	.00059	.00337	.00225	.0117	.00163
%RSD	36.772	366.24	4.4361	366.44	22.594	.28544	.73184

#1	.01234	-.00117	.01384	-.00221	-.01007	4.0908	.22052
#2	.00936	.00015	.01302	.00448	-.01218	4.0787	.22308
#3	.00565	.00258	.01271	.00049	-.00768	4.1020	.22355

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	.00013	46.810	-.00007	.01185	.08398	.53348
Stddev	.00001	.00001	.065	.00059	.00044	.00012	.00078
%RSD	4.9756	9.2722	.13819	823.49	3.6803	.14239	.14554

#1	.00027	.00013	46.752	-.00006	.01180	.08395	.53260
#2	.00029	.00014	46.798	-.00066	.01231	.08389	.53408
#3	.00027	.00012	46.880	.00051	.01144	.08412	.53377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58878	32.576	.00915	-.00003	^ *****	-.00010	.21151
Stddev	.00149	.180	.00032	.00109	-----	.00031	.00132
%RSD	.25267	.55349	3.5373	3591.0	-----	307.70	.62605

#1	.58753	32.375	.00885	-.00108	^ -----	-.00030	.21003
#2	.59043	32.627	.00949	.00108	^ -----	-.00026	.21192
#3	.58838	32.725	.00911	-.00009	^ -----	.00026	.21258

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.941	.00195	.02647	F 3497.5	.23166	F -1.3438	-.00251
Stddev	.548	.00007	.02001	17.1	.00314	.0075	.00117
%RSD	1.3067	3.8075	75.607	.48795	1.3535	.55830	46.476

#1	41.419	.00193	.00805	3481.5	.23418	-1.3357	-.00217
#2	41.891	.00203	.02359	3515.4	.23265	-1.3504	-.00382
#3	42.512	.00188	.04777	3495.5	.22815	-1.3455	-.00156

Sample Name: K3296-01DUP Acquired: 6/14/2019 20:39:51 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EFFLUENT-FIL Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.05953	.0697	.47253	12.206	F<.00000
Stddev	.00180	.0062	.00180	.052	.62502
%RSD	3.0274	8.944	.38002	.42991	22.715

#1	.06134	.0679	.47066	12.197	-3.2518
#2	.05952	.0646	.47269	12.159	-2.9519
#3	.05774	.0767	.47424	12.263	-2.0509

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1637.4	23227.	3126.4	51.715	1463.7
Stddev	5.8	105.	10.4	1.011	7.2
%RSD	.35431	.45224	.33340	1.9544	.49063

#1	1641.7	23241.	3126.0	51.022	1465.7
#2	1630.8	23325.	3137.0	51.248	1455.8
#3	1639.8	23116.	3116.2	52.875	1469.7

Sample Name: K3296-01LX5 Acquired: 6/14/2019 20:44:26 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSA8320 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00551	-.00074	.00723	.00192	-.00446	.72526	.04138
Stddev	.00043	.00155	.00107	.00288	.00106	.01655	.00036
%RSD	7.8705	208.86	14.775	150.36	23.881	2.2823	.87651

#1	.00503	-.00126	.00842	.00199	-.00434	.72332	.04179
#2	.00561	.00100	.00635	.00477	-.00557	.70977	.04110
#3	.00588	-.00197	.00692	-.00100	-.00346	.74270	.04125

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	-.00022	8.8732	-.00014	.00255	.02054	.12026
Stddev	.00009	.00013	.0200	.00065	.00031	.00057	.00052
%RSD	81.778	57.408	.22577	483.24	12.015	2.7713	.43081

#1	.00022	-.00033	8.8521	-.00031	.00289	.02006	.12059
#2	.00009	-.00026	8.8756	-.00068	.00250	.02117	.12053
#3	.00004	-.00008	8.8919	.00059	.00228	.02041	.11966

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12854	6.2425	-.00080	.00036	F 2074.7	-.00065	.03737
Stddev	.00034	.0187	.00029	.00024	49.9	.00066	.00021
%RSD	.26459	.29981	35.868	67.701	2.4036	102.23	.55648

#1	.12815	6.2256	-.00097	.00042	2125.5	-.00003	.03713
#2	.12875	6.2394	-.00047	.00056	2072.7	-.00135	.03744
#3	.12873	6.2626	-.00097	.00009	2025.8	-.00056	.03753

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.9177	.00015	-.00264	F 1546.4	.04986	-.58586	.00082
Stddev	.0080	.00037	.02193	4.1	.00024	.00072	.00127
%RSD	.11543	246.49	830.75	.26772	.47511	.12274	154.97

#1	6.9256	.00050	.01620	1550.3	.04983	-.58668	.00225
#2	6.9178	-.00024	-.02671	1546.8	.05011	-.58548	-.00020
#3	6.9096	.00020	.00259	1542.0	.04963	-.58540	.00041

Sample Name: K3296-01LX5 Acquired: 6/14/2019 20:44:26 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSA8320 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01745	.0074	.10110	9.7183	F<.00000
Stddev	.00279	.0019	.00046	.1599	.91998
%RSD	15.988	25.54	.45597	1.6455	20.397

#1	.01507	.0074	.10070	9.5639	-3.4482
#2	.01674	.0056	.10098	9.8832	-5.0610
#3	.02052	.0094	.10160	9.7079	-5.0217

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1995.9	28513.	3315.4	55.947	1903.9
Stddev	7.4	37.	15.2	1.133	3.8
%RSD	.37208	.12836	.45889	2.0250	.20114

#1	1988.1	28506.	3331.1	55.700	1900.3
#2	1996.8	28552.	3300.7	54.958	1903.4
#3	2002.9	28479.	3314.5	57.183	1907.9

Sample Name: K3296-01MS Acquired: 6/14/2019 20:48:59 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EFFLUENT-FIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0227	1.9344	1.0443	3.1593	.94042	8.1299	.49101	.26862
Stddev	.0087	.0076	.0005	.0031	.00301	.0577	.00019	.00031
%RSD	.85356	.39089	.05115	.09848	.32002	.71018	.03830	.11606
#1	1.0250	1.9432	1.0446	3.1560	.93952	8.0928	.49093	.26831
#2	1.0300	1.9297	1.0437	3.1596	.94378	8.1964	.49123	.26861
#3	1.0130	1.9305	1.0446	3.1622	.93797	8.1006	.49088	.26893
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21394	48.074	.39897	.22246	.36442	3.5530	.79240	34.612
Stddev	.00040	.154	.00080	.00050	.00103	.0059	.00043	.124
%RSD	.18465	.32111	.19945	.22650	.28391	.16568	.05417	.35881
#1	.21392	47.923	.39805	.22191	.36507	3.5597	.79271	34.468
#2	.21435	48.232	.39946	.22259	.36495	3.5507	.79191	34.686
#3	.21356	48.068	.39939	.22289	.36322	3.5486	.79258	34.681
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51931	.09879	^ *****	.31135	.52445	58.022	.40655	.38037
Stddev	.00269	.00073	-----	.00043	.00075	.532	.00092	.01372
%RSD	.51732	.73680	-----	.13755	.14313	.91753	.22681	3.6075
#1	.52014	.09962	^ -----	.31181	.52393	57.459	.40604	.38395
#2	.51630	.09824	^ -----	.31096	.52410	58.090	.40761	.39195
#3	.52148	.09851	^ -----	.31128	.52531	58.518	.40600	.36522
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3468.8	1.0452	-.57356	.19780	.35191	9.186	.67615	12.282
Stddev	2.9	.0048	.00013	.00201	.00118	.017	.00189	.047
%RSD	.08224	.46201	.02211	1.0159	.33618	.1887	.27991	.37866
#1	3468.7	1.0499	-.57348	.20010	.35094	9.187	.67564	12.276
#2	3466.0	1.0402	-.57370	.19638	.35323	9.168	.67457	12.332
#3	3471.7	1.0455	-.57348	.19693	.35156	9.203	.67825	12.239

Sample Name: K3296-01MS Acquired: 6/14/2019 20:48:59 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: EFFLUENT-FIL Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.4142
Stddev	.5015
%RSD	35.462

#1	1.5919
#2	.84804
#3	1.8026

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1658.2	23416.	3084.8	51.448	1466.6
Stddev	5.7	55.	16.0	.966	6.1
%RSD	.34556	.23288	.52008	1.8769	.41741

#1	1664.0	23431.	3077.4	51.019	1473.7
#2	1652.5	23461.	3103.2	52.554	1463.3
#3	1658.1	23355.	3073.8	50.771	1462.9

Sample Name: K3296-01MSD Acquired: 6/14/2019 20:53:18 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EFFLUENT-FIL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0126	1.9169	1.0307	3.1500	.92832	8.0599	.48506	.26628
Stddev	.0015	.0043	.0045	.0158	.00395	.0346	.00434	.00013
%RSD	.15132	.22315	.43700	.50035	.42537	.42959	.89563	.05031
#1	1.0143	1.9121	1.0280	3.1498	.92778	8.0304	.48060	.26635
#2	1.0121	1.9182	1.0359	3.1659	.92467	8.0980	.48530	.26637
#3	1.0113	1.9204	1.0283	3.1344	.93251	8.0512	.48928	.26613
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21212	47.648	.39801	.21975	.36018	3.5183	.78423	34.121
Stddev	.00070	.408	.00135	.00036	.00060	.0111	.00113	.227
%RSD	.33023	.85619	.33818	.16436	.16628	.31629	.14365	.66440
#1	.21260	47.210	.39646	.21953	.36086	3.5206	.78552	33.862
#2	.21244	47.715	.39878	.21956	.35973	3.5062	.78372	34.217
#3	.21131	48.018	.39880	.22017	.35995	3.5281	.78345	34.283
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51571	.09766	^ *****	.31214	.52038	58.154	.40353	.37579
Stddev	.00101	.00045	-----	.00089	.00151	.627	.00031	.01794
%RSD	.19516	.45834	-----	.28487	.28954	1.0780	.07614	4.7730
#1	.51551	.09765	^ -----	.31190	.51961	57.536	.40381	.39338
#2	.51681	.09723	^ -----	.31312	.52211	58.136	.40320	.37646
#3	.51483	.09812	^ -----	.31139	.51941	58.789	.40358	.35752
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3451.3	1.0412	-.57509	.19775	.34624	9.090	.67286	12.326
Stddev	22.9	.0090	.00686	.00108	.00064	.032	.00475	.068
%RSD	.66465	.86035	1.1937	.54585	.18597	.3535	.70649	.55146
#1	3466.5	1.0488	-.57974	.19770	.34643	9.066	.67670	12.353
#2	3462.4	1.0433	-.57834	.19886	.34676	9.127	.67433	12.377
#3	3424.9	1.0313	-.56721	.19670	.34552	9.078	.66754	12.249

Sample Name: K3296-01MSD Acquired: 6/14/2019 20:53:18 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: EFFLUENT-FIL Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.7368
Stddev	.6662
%RSD	38.356

#1	2.4976
#2	1.2583
#3	1.4544

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1654.0	23430.	3074.4	52.142	1465.8
Stddev	2.3	31.	31.9	2.924	2.8
%RSD	.13933	.13301	1.0360	5.6075	.19300

#1	1653.3	23456.	3043.5	49.847	1468.8
#2	1652.2	23439.	3072.8	55.434	1463.1
#3	1656.6	23396.	3107.1	51.144	1465.6

Sample Name: CCV08 Acquired: 6/14/2019 20:57:38 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCV15125 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1211	5.0324	5.0197	5.0184	5.1808	10.028	10.050	.25640
Stddev	.0119	.0135	.0026	.0055	.0136	.052	.006	.00045
%RSD	.23218	.26725	.05150	.10988	.26206	.52080	.05834	.17727
#1	5.1348	5.0321	5.0179	5.0229	5.1956	10.005	10.051	.25588
#2	5.1140	5.0191	5.0227	5.0122	5.1690	9.9913	10.044	.25673
#3	5.1144	5.0460	5.0186	5.0199	5.1777	10.088	10.056	.25658
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4621	24.263	.99760	2.4965	1.3281	5.0266	2.6237	24.158
Stddev	.0040	.161	.00351	.0027	.0029	.0085	.0046	.154
%RSD	.16146	.66521	.35160	.10834	.21624	.16853	.17699	.63950
#1	2.4585	24.304	.99596	2.4941	1.3309	5.0267	2.6193	24.005
#2	2.4616	24.085	.99521	2.4960	1.3284	5.0180	2.6234	24.155
#3	2.4664	24.399	1.0016	2.4994	1.3251	5.0350	2.6285	24.314
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4500	1.2495	F 33.975	2.4648	2.5074	25.419	5.2769	4.8721
Stddev	.0039	.0046	.249	.0070	.0010	.048	.0085	.0068
%RSD	.16009	.37011	.73300	.28422	.03872	.18893	.16122	.13984
#1	2.4486	1.2482	33.692	2.4576	2.5070	25.382	5.2856	4.8695
#2	2.4470	1.2457	34.072	2.4652	2.5067	25.473	5.2685	4.8670
#3	2.4545	1.2546	34.161	2.4716	2.5085	25.403	5.2766	4.8798
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 19.827	4.7282	4.9559	4.9303	5.0489	5.035	4.9288	F 6.9219
Stddev	6.089	.0172	.0065	.0178	.0143	.006	.0129	.2042
%RSD	30.713	.36367	.13040	.36060	.28334	.1266	.26136	2.9504
#1	26.320	4.7090	4.9500	4.9316	5.0347	5.038	4.9141	6.8472
#2	18.917	4.7337	4.9549	4.9120	5.0633	5.028	4.9344	7.1530
#3	14.243	4.7421	4.9628	4.9474	5.0486	5.040	4.9380	6.7656

Sample Name: CCV08 Acquired: 6/14/2019 20:57:38 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CCV15125 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .64466
Stddev	.61114
%RSD	94.801

#1	1.2358
#2	.68285
#3	.01532

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2266.3	34358.	3481.3	57.858	2330.3
Stddev	7.7	64.	4.8	.837	4.4
%RSD	.33923	.18545	.13792	1.4461	.18702

#1	2258.6	34287.	3483.0	56.902	2326.1
#2	2266.5	34410.	3475.9	58.213	2330.1
#3	2274.0	34378.	3485.0	58.458	2334.8

Sample Name: CCB08 Acquired: 6/14/2019 21:01:36 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15125 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00076	-.00039	-.00119	.00044	-.00023	-.01110	.00089
Stddev	.00381	.00040	.00064	.00445	.00055	.01155	.00028
%RSD	500.49	101.82	53.636	1005.9	237.65	104.04	31.656

#1	-.00413	-.00082	-.00139	-.00028	.00028	-.02433	.00095
#2	-.00152	-.00003	-.00048	-.00361	-.00016	-.00303	.00059
#3	.00337	-.00033	-.00170	.00521	-.00082	-.00594	.00114

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	-.00005	.01675	-.00021	-.00003	.00026	.00165
Stddev	.00007	.00009	.00529	.00035	.00016	.00039	.00117
%RSD	263.37	195.45	31.611	168.12	590.41	147.69	70.820

#1	.00007	.00005	.02138	-.00020	.00007	-.00009	.00127
#2	-.00005	-.00006	.01789	-.00056	-.00022	.00068	.00296
#3	.00005	-.00013	.01097	.00014	.00007	.00020	.00072

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	-.01484	-.00014	-.00017	F 6.8662	-.00037	-.00101
Stddev	.00005	.04177	.00010	.00019	.1104	.00014	.00014
%RSD	78.200	281.50	73.225	110.11	1.6083	38.819	13.431

#1	-.00001	-.06279	-.00010	-.00032	6.7392	-.00026	-.00104
#2	-.00011	.01365	-.00026	-.00023	6.9392	-.00031	-.00113
#3	-.00007	.00462	-.00006	.00004	6.9203	-.00053	-.00086

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29391	.00108	-.00559	F 2.0631	-.00052	-.00259	.00119
Stddev	.01643	.00010	.00976	.1585	.00207	.00066	.00054
%RSD	5.5893	9.6899	174.69	7.6810	399.00	25.675	45.364

#1	.27894	.00116	-.00141	2.2233	.00180	-.00182	.00155
#2	.31149	.00111	.00139	2.0595	-.00219	-.00294	.00057
#3	.29131	.00096	-.01674	1.9064	-.00117	-.00301	.00144

Sample Name: CCB08 Acquired: 6/14/2019 21:01:36 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CCB15125 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00656	-.0007	-.00001	F 5.3530	F<.00000
Stddev	.00103	.0010	.00013	.1530	.65588
%RSD	15.691	141.0	1119.2	2.8581	28.694
#1	.00644	-.0011	.00014	5.3092	-2.9050
#2	.00559	.0004	-.00006	5.5231	-2.3537
#3	.00764	-.0014	-.00011	5.2266	-1.5986
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2405.0	36523.	3525.0	60.403	2650.1
Stddev	6.5	74.	12.5	1.309	2.0
%RSD	.26852	.20363	.35515	2.1662	.07701
#1	2407.2	36555.	3514.6	60.133	2649.1
#2	2397.7	36438.	3521.6	61.825	2648.7
#3	2410.1	36576.	3538.9	59.250	2652.4

Sample Name: K3296-01A Acquired: 6/14/2019 21:06:05 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: ICSAB8320 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0041	1.9156	1.0317	3.0934	.91677	7.9046	.47522	.26461
Stddev	.0067	.0071	.0007	.0143	.00202	.0454	.00041	.00073
%RSD	.66366	.37230	.06902	.46112	.21996	.57411	.08707	.27746
#1	1.0116	1.9201	1.0309	3.0847	.91495	7.9082	.47570	.26546
#2	.99889	1.9074	1.0322	3.1098	.91894	7.8575	.47496	.26424
#3	1.0018	1.9194	1.0321	3.0855	.91644	7.9480	.47501	.26413
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21153	47.222	.39653	.21970	.36029	3.5017	.78117	33.916
Stddev	.00041	.110	.00022	.00017	.00021	.0069	.00230	.127
%RSD	.19259	.23361	.05431	.07722	.05946	.19575	.29452	.37535
#1	.21196	47.135	.39631	.21962	.36048	3.5078	.78317	33.944
#2	.21150	47.186	.39654	.21958	.36033	3.4943	.77866	33.777
#3	.21114	47.346	.39673	.21989	.36006	3.5029	.78169	34.027
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51511	.09641	^ *****	.30758	.52656	56.383	.40089	.38572
Stddev	.00103	.00085	-----	.00178	.00078	.636	.00031	.00953
%RSD	.20075	.88566	-----	.57861	.14831	1.1277	.07793	2.4708
#1	.51568	.09704	^ -----	.30887	.52619	55.769	.40116	.39279
#2	.51392	.09674	^ -----	.30555	.52746	56.341	.40055	.38950
#3	.51574	.09544	^ -----	.30834	.52603	57.038	.40096	.37488
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 3476.7	1.0420	-.58401	.19608	.34102	9.006	.66912	12.322
Stddev	12.9	.0120	.00533	.00212	.00148	.024	.00299	.047
%RSD	.37148	1.1546	.91249	1.0810	.43314	.2607	.44674	.37742
#1	3473.4	1.0329	-.58189	.19506	.33931	9.003	.66568	12.376
#2	3465.7	1.0376	-.58006	.19852	.34189	9.031	.67106	12.295
#3	3490.9	1.0557	-.59007	.19467	.34185	8.984	.67062	12.297

Sample Name: K3296-01A Acquired: 6/14/2019 21:06:05 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: ICSAB8320 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	.92087
Stddev	.24830
%RSD	26.964

#1	.63427
#2	1.0571
#3	1.0712

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1662.0	23530.	3063.7	50.291	1471.7
Stddev	3.6	42.	9.5	1.323	2.8
%RSD	.21606	.17658	.30913	2.6306	.19059

#1	1661.8	23504.	3072.7	49.646	1471.0
#2	1665.7	23578.	3053.8	51.813	1474.8
#3	1658.5	23508.	3064.6	49.414	1469.3

Sample Name: K3299-04 Acquired: 6/14/2019 21:10:25 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TI-658 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00256	-.00018	.01937	.00216	.00144	.56407	.03948	.00029
Stddev	.00069	.00099	.00053	.00073	.00116	.01288	.00013	.00004
%RSD	26.903	552.06	2.7396	33.932	80.552	2.2835	.33167	15.624

#1	.00189	.00092	.01915	.00155	.00160	.57882	.03955	.00029
#2	.00327	-.00046	.01997	.00195	.00251	.55833	.03933	.00024
#3	.00253	-.00100	.01898	.00297	.00021	.55505	.03956	.00033

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	21.870	.01363	.00094	.09532	2.0886	.13267	4.7453
Stddev	.00001	.101	.00036	.00008	.00046	.0040	.00028	.0235
%RSD	34.789	.46132	2.6189	8.4413	.47755	.19375	.21315	.49580

#1	-.00002	21.755	.01386	.00101	.09584	2.0841	.13276	4.7260
#2	-.00002	21.913	.01322	.00095	.09504	2.0897	.13235	4.7715
#3	-.00004	21.942	.01380	.00085	.09508	2.0919	.13289	4.7383

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00673	-.00115	56.961	.00916	.15218	18.074	.00333	.03859
Stddev	.00048	.00049	.220	.00046	.00013	.038	.00011	.00895
%RSD	7.1405	42.684	.38603	5.0150	.08597	.21084	3.1873	23.205

#1	.00636	-.00137	56.981	.00878	.15232	18.030	.00342	.04022
#2	.00656	-.00059	56.732	.00903	.15206	18.095	.00337	.04661
#3	.00728	-.00149	57.170	.00967	.15217	18.097	.00321	.02893

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.6615	3.2735	-.00364	.02362	-.00121	1.836	.10007	4.4700
Stddev	.0891	.0121	.00074	.00074	.00114	.007	.00041	.0174
%RSD	1.1625	.37075	20.409	3.1320	94.443	.3806	.40985	.38927

#1	7.7579	3.2835	-.00450	.02371	-.00228	1.842	.09973	4.4752
#2	7.6442	3.2600	-.00323	.02284	-.00001	1.837	.09996	4.4506
#3	7.5823	3.2769	-.00320	.02431	-.00133	1.828	.10053	4.4842

Sample Name: K3299-04 Acquired: 6/14/2019 21:10:25 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TI-658 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .67038
 %RSD 1119.1

#1 .32968
 #2 .32459
 #3 -.83399

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2517.5	38344.	3914.0	66.807	2678.5
Stddev	5.3	132.	27.1	1.558	5.2
%RSD	.21234	.34425	.69237	2.3327	.19285

#1	2512.5	38261.	3893.7	67.985	2673.1
#2	2516.9	38496.	3944.8	67.397	2683.5
#3	2523.2	38273.	3903.6	65.040	2678.8

Sample Name: K3300-06 Acquired: 6/14/2019 21:14:45 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: TI-633 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00153	-.00002	.00757	.00255	-.00063	.24426	.02665	.00015
Stddev	.00113	.00039	.00104	.00151	.00083	.00391	.00005	.00004
%RSD	73.458	1779.2	13.716	59.424	130.83	1.6019	.19828	25.297

#1	.00039	-.00037	.00647	.00133	-.00079	.24594	.02667	.00019
#2	.00157	-.00009	.00772	.00207	-.00138	.23978	.02659	.00012
#3	.00264	.00039	.00853	.00424	.00026	.24704	.02669	.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	18.923	.00237	.00037	.09599	.78274	.09480	2.8855
Stddev	.00003	.095	.00041	.00016	.00083	.00167	.00042	.0302
%RSD	212.09	.50339	17.211	44.132	.86653	.21357	.44637	1.0447

#1	.00005	18.833	.00196	.00021	.09575	.78083	.09452	2.8592
#2	.00000	18.913	.00238	.00037	.09692	.78345	.09528	2.9184
#3	-.00001	19.023	.00277	.00054	.09531	.78393	.09458	2.8788

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00416	-.00129	27.019	.00875	.10403	6.8254	.00179	.04746
Stddev	.00031	.00039	.099	.00020	.00025	.0304	.00020	.00646
%RSD	7.5640	30.297	.36513	2.3324	.23700	.44528	11.173	13.600

#1	.00401	-.00168	26.974	.00892	.10376	6.7940	.00176	.05362
#2	.00394	-.00129	26.950	.00852	.10424	6.8278	.00200	.04802
#3	.00452	-.00090	27.132	.00880	.10408	6.8546	.00160	.04075

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8334	2.3212	-.00388	.00514	-.00118	1.126	.10071	4.3232
Stddev	.0406	.0062	.00094	.00128	.00068	.001	.00050	.0479
%RSD	.69586	.26543	24.320	24.946	57.047	.0540	.49981	1.1080

#1	5.8713	2.3283	-.00484	.00641	-.00197	1.126	.10029	4.3695
#2	5.8384	2.3185	-.00295	.00518	-.00080	1.126	.10058	4.3264
#3	5.7906	2.3169	-.00385	.00384	-.00079	1.127	.10127	4.2739

Sample Name: K3300-06 Acquired: 6/14/2019 21:14:45 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: TI-633 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg <.00000
 Stddev .55064
 %RSD 80.226

#1 -.05144
 #2 -.97454
 #3 -1.0331

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2506.1	38380.	3871.4	64.831	2723.4
Stddev	2.4	11.	19.0	1.364	2.3
%RSD	.09486	.02836	.49141	2.1033	.08511

#1	2504.6	38375.	3850.4	63.257	2720.8
#2	2504.8	38373.	3876.2	65.577	2724.2
#3	2508.8	38393.	3887.5	65.658	2725.2

Sample Name: K3301-01 Acquired: 6/14/2019 21:19:07 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: POOL-WATER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00170	.00060	.00055	.00155	-.00088	.00719	.00233
Stddev	.00080	.00043	.00015	.00212	.00069	.00499	.00013
%RSD	46.736	72.007	27.640	136.44	78.263	69.375	5.4455

#1	-.00114	.00107	.00071	.00303	-.00150	.01176	.00245
#2	-.00136	.00021	.00041	.00249	-.00014	.00187	.00234
#3	-.00262	.00052	.00052	-.00087	-.00100	.00792	.00220

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00007	.52207	.00072	.00013	.02718	.00151
Stddev	.00003	.00009	.00180	.00017	.00009	.00046	.00019
%RSD	36.065	133.09	.34510	24.083	65.227	1.6779	12.360

#1	.00010	.00000	.52117	.00089	.00008	.02670	.00161
#2	.00005	.00017	.52415	.00071	.00023	.02723	.00129
#3	.00012	.00003	.52090	.00055	.00009	.02761	.00162

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00272	.11545	.00321	-.00079	3.6007	-.00028	.07179
Stddev	.00006	.02931	.00003	.00015	.0351	.00017	.00019
%RSD	2.2046	25.387	.91455	19.371	.97375	60.289	.26700

#1	.00277	.09746	.00320	-.00076	3.6097	-.00013	.07162
#2	.00265	.14928	.00325	-.00095	3.5620	-.00046	.07174
#3	.00274	.09962	.00319	-.00065	3.6303	-.00024	.07200

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17064	.00018	-.00471	1.3362	.12095	-.00494	.00053
Stddev	.01986	.00021	.00031	.0365	.00164	.00076	.00036
%RSD	11.636	114.23	6.5274	2.7324	1.3541	15.359	66.917

#1	.18635	.00020	-.00495	1.3738	.12252	-.00575	.00056
#2	.17724	.00039	-.00437	1.3339	.12109	-.00425	.00016
#3	.14832	-.00003	-.00483	1.3009	.11925	-.00480	.00088

Sample Name: K3301-01 Acquired: 6/14/2019 21:19:07 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: POOL-WATER Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00546	.0017	.00496	3.4275	F<.00000
Stddev	.00086	.0022	.00003	.1134	.99727
%RSD	15.789	127.4	.62047	3.3071	58.263
#1	-.00619	.0010	.00492	3.5433	-1.5901
#2	-.00451	.0042	.00497	3.4223	-2.7641
#3	-.00569	-.0000	.00498	3.3168	-.78072
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2575.4	39433.	3889.6	66.861	2882.4
Stddev	7.1	246.	24.9	.799	8.6
%RSD	.27419	.62334	.63979	1.1956	.29851
#1	2575.3	39541.	3896.6	66.292	2876.2
#2	2582.5	39606.	3861.9	66.517	2892.2
#3	2568.4	39152.	3910.1	67.775	2878.7

Sample Name: K3336-01 Acquired: 6/14/2019 21:23:34 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: 001-WILLETS- 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	-.00188	.05792	.00143	.00030	1.0066	.10261	.00128
Stddev	.00247	.00104	.00105	.00089	.00112	.0269	.00055	.00003
%RSD	649.41	55.092	1.8122	62.258	377.20	2.6686	.54050	2.1226

#1	.00169	-.00114	.05866	.00179	.00154	.98540	.10211	.00127
#2	.00029	-.00307	.05672	.00208	-.00066	.99769	.10252	.00127
#3	-.00312	-.00143	.05838	.00042	.00001	1.0368	.10321	.00131

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00097	93.022	.00071	.00401	.06056	34.067	.72544	8.3365
Stddev	.00004	.209	.00008	.00031	.00038	.015	.00182	.0144
%RSD	4.2013	.22436	11.613	7.6681	.62534	.04399	.25129	.17311

#1	-.00100	92.825	.00070	.00379	.06062	34.051	.72438	8.3472
#2	-.00093	93.241	.00063	.00436	.06091	34.072	.72754	8.3201
#3	-.00100	92.999	.00079	.00387	.06016	34.080	.72439	8.3422

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00666	-.00306	153.32	.00578	.61749	6.3032	.00298	.07149
Stddev	.00051	.00034	.54	.00017	.00069	.0363	.00014	.00867
%RSD	7.7304	10.964	.34965	3.0092	.11115	.57629	4.6766	12.123

#1	.00725	-.00344	152.70	.00566	.61815	6.2628	.00314	.08138
#2	.00647	-.00290	153.69	.00570	.61753	6.3332	.00294	.06785
#3	.00627	-.00283	153.55	.00598	.61678	6.3138	.00288	.06523

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2735	9.9337	-.00264	.03803	.01107	1.502	.27530	5.1085
Stddev	.0344	.0396	.00023	.00137	.00082	.005	.00080	.0950
%RSD	1.0514	.39842	8.7675	3.5940	7.4052	.3150	.29219	1.8597

#1	3.3132	9.9725	-.00240	.03864	.01014	1.507	.27563	5.0103
#2	3.2539	9.8934	-.00286	.03647	.01168	1.499	.27439	5.1154
#3	3.2533	9.9352	-.00265	.03899	.01140	1.500	.27589	5.1999

Sample Name: K3336-01 Acquired: 6/14/2019 21:23:34 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: 001-WILLETTS- Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	21.276
Stddev	1.279
%RSD	6.0134

#1	19.982
#2	22.541
#3	21.305

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2402.3	36753.	3914.5	65.722	2490.7
Stddev	6.6	31.	19.1	.791	1.8
%RSD	.27622	.08386	.48841	1.2036	.07367

#1	2406.7	36779.	3895.6	65.693	2491.4
#2	2394.7	36719.	3933.9	66.527	2488.6
#3	2405.6	36760.	3914.0	64.946	2492.0

Sample Name: K3347-02 Acquired: 6/14/2019 21:27:54 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CLEARWELL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00338	-.00260	.02123	.00240	-.00245	.81474	.01959
Stddev	.00093	.00146	.00034	.00339	.00116	.02557	.00036
%RSD	27.463	56.290	1.6206	141.08	47.455	3.1385	1.8202

#1	-.00302	-.00425	.02084	-.00033	-.00181	.81094	.01927
#2	-.00443	-.00150	.02147	.00134	-.00175	.79128	.01997
#3	-.00268	-.00203	.02139	.00620	-.00379	.84199	.01953

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00001	10.360	.00070	.01913	.04405	.17025
Stddev	.00010	.00003	.027	.00032	.00014	.00027	.00033
%RSD	164.36	313.31	.26043	45.808	.71176	.61425	.19595

#1	.00018	.00004	10.386	.00095	.01907	.04376	.17007
#2	-.00001	-.00003	10.332	.00082	.01904	.04430	.17063
#3	.00002	.00002	10.360	.00034	.01929	.04409	.17005

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01003	2.0494	.00216	-.00096	177.22	.00067	.08890
Stddev	.00009	.0527	.00036	.00029	.60	.00014	.00006
%RSD	.90894	2.5690	16.643	30.530	.33824	20.196	.06239

#1	.00994	2.0861	.00230	-.00127	177.77	.00082	.08896
#2	.01004	2.0729	.00242	-.00070	176.58	.00055	.08888
#3	.01012	1.9891	.00175	-.00090	177.33	.00065	.08886

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	372.10	.04247	.02949	F 144.48	7.5266	-.05719	.04019
Stddev	.96	.00012	.00569	.63	.0546	.00080	.00069
%RSD	.25810	.27771	19.277	.43835	.72535	1.3945	1.7182

#1	372.44	.04258	.03601	144.49	7.4948	-.05634	.04096
#2	371.02	.04234	.02557	145.11	7.5897	-.05732	.03962
#3	372.85	.04247	.02690	143.84	7.4954	-.05792	.04000

Sample Name: K3347-02 Acquired: 6/14/2019 21:27:54 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: CLEARWELL Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00417	.8183	.02977	5.7708	F<.00000
Stddev	.00163	.0043	.00023	.1874	.41880
%RSD	39.139	.5269	.78261	3.2475	15.257

#1	-.00294	.8155	.02976	5.8275	-2.4742
#2	-.00355	.8232	.03001	5.9233	-3.2273
#3	-.00602	.8161	.02955	5.5616	-2.5332

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2351.1	35416.	3873.2	63.978	2406.7
Stddev	5.8	46.	25.6	.688	6.7
%RSD	.24762	.12957	.66097	1.0755	.27694

#1	2346.0	35406.	3888.6	64.770	2404.4
#2	2349.8	35376.	3843.7	63.533	2401.4
#3	2357.5	35466.	3887.4	63.630	2414.2

Sample Name: CCV09 Acquired: 6/14/2019 21:32:17 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1778	5.0262	5.0171	5.0796	5.2472	10.208	10.315	.25658
Stddev	.0204	.0067	.0147	.0119	.0130	.037	.032	.00096
%RSD	.39330	.13414	.29342	.23486	.24815	.36118	.31457	.37596
#1	5.1546	5.0244	5.0018	5.0901	5.2327	10.171	10.279	.25660
#2	5.1862	5.0336	5.0183	5.0820	5.2581	10.209	10.342	.25753
#3	5.1926	5.0205	5.0312	5.0666	5.2506	10.245	10.323	.25560
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4534	24.452	.98970	2.4987	1.3391	4.9753	2.6048	24.227
Stddev	.0015	.131	.00404	.0019	.0027	.0196	.0087	.053
%RSD	.06199	.53382	.40871	.07750	.20509	.39339	.33449	.21946
#1	2.4522	24.302	.98593	2.4971	1.3360	4.9551	2.5985	24.212
#2	2.4529	24.514	.99397	2.4981	1.3411	4.9941	2.6148	24.183
#3	2.4551	24.539	.98921	2.5009	1.3403	4.9766	2.6013	24.286
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4493	1.2563	27.068	2.4550	2.5214	25.885	5.2913	5.0100
Stddev	.0030	.0026	.196	.0038	.0028	.091	.0108	.0200
%RSD	.12226	.20907	.72530	.15618	.10967	.35248	.20329	.39845
#1	2.4528	1.2537	27.199	2.4526	2.5183	25.809	5.2790	5.0261
#2	2.4479	1.2563	27.162	2.4595	2.5222	25.986	5.2961	4.9877
#3	2.4474	1.2589	26.842	2.4531	2.5237	25.860	5.2989	5.0163
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 6.7189	4.6479	4.9604	4.9082	5.0217	5.069	4.9258	F 6.8341
Stddev	.1090	.0129	.0146	.0215	.0010	.004	.0116	.0861
%RSD	1.6222	.27740	.29518	.43715	.01953	.0866	.23451	1.2599
#1	6.8373	4.6332	4.9621	4.9024	5.0222	5.073	4.9130	6.9217
#2	6.6966	4.6528	4.9450	4.8902	5.0225	5.068	4.9354	6.8312
#3	6.6228	4.6576	4.9741	4.9319	5.0206	5.065	4.9291	6.7495

Sample Name: CCV09 Acquired: 6/14/2019 21:32:17 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.2524
Stddev .4301
%RSD 19.094

#1 2.7095
#2 2.1918
#3 1.8558

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2242.7	34100.	3541.1	58.833	2315.5
Stddev	3.4	153.	17.3	.530	5.3
%RSD	.15037	.44765	.48930	.90081	.22994

#1	2242.5	33979.	3523.1	59.216	2310.4
#2	2239.5	34050.	3542.7	59.056	2315.0
#3	2246.3	34271.	3557.6	58.229	2321.0

Sample Name: CCB09 Acquired: 6/14/2019 21:36:17 Type: Unk
Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
User: Bin He Custom ID1: RT-3407 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00112	.00176	-.00098	-.00005	-.00033	-.00541	.00115
Stddev	.00144	.00029	.00056	.00326	.00059	.00953	.00022
%RSD	128.68	16.764	57.621	6368.0	180.40	176.19	18.701

#1	-.00046	.00142	-.00097	-.00044	-.00042	-.01440	.00106
#2	-.00276	.00197	-.00042	-.00310	-.00087	.00458	.00100
#3	-.00013	.00188	-.00154	.00339	.00031	-.00641	.00140

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00004	.01268	.00019	.00002	.00027	-.00019
Stddev	.00009	.00003	.00898	.00010	.00032	.00049	.00043
%RSD	151.07	73.335	70.864	52.827	1455.2	177.10	229.12

#1	.00016	.00001	.01767	.00020	-.00007	.00079	.00031
#2	.00006	.00006	.01805	.00028	-.00024	.00022	-.00046
#3	-.00003	.00004	.00231	.00009	.00038	-.00018	-.00040

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.00380	.00017	-.00066	F 2.5732	-.00032	-.00096
Stddev	.00008	.04115	.00047	.00046	.0568	.00019	.00005
%RSD	68.240	1082.8	280.31	69.047	2.2059	59.085	5.1737

#1	-.00004	.02998	.00071	-.00103	2.6256	-.00045	-.00093
#2	-.00021	.02506	-.00018	-.00081	2.5810	-.00040	-.00093
#3	-.00013	-.04364	-.00002	-.00015	2.5129	-.00010	-.00102

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29721	.00111	-.00157	F .85731	.00179	-.00190	.00147
Stddev	.01666	.00055	.01030	.02333	.00195	.00070	.00068
%RSD	5.6061	49.195	655.05	2.7214	109.09	37.101	46.212

#1	.30819	.00129	.01020	.87960	-.00039	-.00118	.00217
#2	.30541	.00154	-.00603	.85926	.00337	-.00192	.00142
#3	.27804	.00050	-.00889	.83307	.00238	-.00259	.00081

Sample Name: CCB09 Acquired: 6/14/2019 21:36:17 Type: Unk
 Method: P4-ICP2(v3199) Mode: CONC Corr. Factor: 1.000000
 User: Bin He Custom ID1: RT-3407 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00147	-.0005	-.00000	F 5.7204	F<.00000
Stddev	.00057	.0005	.00005	.1365	.45702
%RSD	38.988	89.34	3328.9	2.3863	25.376

#1	.00166	-.0002	.00001	5.7754	-1.3177
#2	.00082	-.0002	.00004	5.8208	-1.8590
#3	.00192	-.0010	-.00006	5.5649	-2.2262

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2372.1	36289.	3607.2	60.714	2632.2
Stddev	7.2	77.	11.3	.266	1.8
%RSD	.30528	.21192	.31443	.43779	.06744

#1	2364.0	36202.	3611.7	60.892	2630.6
#2	2378.1	36346.	3615.6	60.408	2631.9
#3	2374.2	36319.	3594.3	60.842	2634.1